

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



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

LAB CHRONICLE

OrderID: Q3385
Client: Ardmore Chemical
Contact: Michael Sharphouse

OrderDate: 10/17/2025 2:02:00 PM
Project: PVSC Monthly 2025
Location: D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3385-04	EFF-WW	Water	SVOCMS Group1	625.1	10/17/25	10/22/25	10/27/25	10/17/25



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Hit Summary Sheet
SW-846

SDG No.: Q3385
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.: Q3385

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170210BL	PB170210BL	2-Fluorophenol	100	82.3	82		60	140
		Phenol-d6	100	87.7	88		60	140
		Nitrobenzene-d5	100	84.1	84		60	140
		2-Fluorobiphenyl	100	84.3	84		60	140
		2,4,6-Tribromophenol	100	79.9	80		60	140
		Terphenyl-d14	100	104	104		60	140
PB170210BS	PB170210BS	2-Fluorophenol	100	88.3	88		60	140
		Phenol-d6	100	92.6	93		60	140
		Nitrobenzene-d5	100	86.6	87		60	140
		2-Fluorobiphenyl	100	86.1	86		60	140
		2,4,6-Tribromophenol	100	98.2	98		60	140
		Terphenyl-d14	100	115	115		60	140
Q3385-04	EFF-WW	2-Fluorophenol	100	59.3	59	*	60	140
		Phenol-d6	100	43.0	43	*	60	140
		Nitrobenzene-d5	100	92.7	93		60	140
		2-Fluorobiphenyl	100	90.3	90		60	140
		2,4,6-Tribromophenol	100	84.8	85		60	140
		Terphenyl-d14	100	83.5	83		60	140
Q3385-05MS	EFF-WWMS	2-Fluorophenol	100	58.5	59	*	60	140
		Phenol-d6	100	41.6	42	*	60	140
		Nitrobenzene-d5	100	93.3	93		60	140
		2-Fluorobiphenyl	100	91.0	91		60	140
		2,4,6-Tribromophenol	100	86.5	86		60	140
		Terphenyl-d14	100	84.1	84		60	140
Q3385-06MSD	EFF-WWMSD	2-Fluorophenol	100	59.5	59	*	60	140
		Phenol-d6	100	43.1	43	*	60	140
		Nitrobenzene-d5	100	92.4	92		60	140
		2-Fluorobiphenyl	100	94.1	94		60	140
		2,4,6-Tribromophenol	100	83.8	84		60	140
		Terphenyl-d14	100	87.2	87		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3385

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144080.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3385-05MS		Client Sample ID: EFF-WWMS									
n-Nitrosodimethylamine	50.5	0	29.0	ug/L	57				10	160	
Phenol	50.5	0	21.3	ug/L	42				5	120	
bis(2-Chloroethyl)ether	50.5	0	45.0	ug/L	89				12	158	
2-Chlorophenol	50.5	0	39.5	ug/L	78				23	134	
2,2-oxybis(1-Chloropropane)	50.5	0	42.9	ug/L	85				36	166	
N-Nitroso-di-n-propylamine	50.5	0	46.3	ug/L	92				1	230	
Hexachloroethane	50.5	0	36.9	ug/L	73				40	120	
Nitrobenzene	50.5	0	46.0	ug/L	91				35	180	
Isophorone	50.5	0	47.6	ug/L	94				21	196	
2-Nitrophenol	50.5	0	45.5	ug/L	90				29	182	
2,4-Dimethylphenol	50.5	0	48.0	ug/L	95				32	120	
bis(2-Chloroethoxy)methane	50.5	0	46.5	ug/L	92				33	184	
2,4-Dichlorophenol	50.5	0	42.8	ug/L	85				39	135	
1,2,4-Trichlorobenzene	50.5	0	43.8	ug/L	87				44	142	
Naphthalene	50.5	0	43.5	ug/L	86				21	133	
Hexachlorobutadiene	50.5	0	40.6	ug/L	80				24	120	
4-Chloro-3-methylphenol	50.5	0	42.6	ug/L	84				22	147	
Hexachlorocyclopentadiene	100	0	130	ug/L	130				10	218	
2,4,6-Trichlorophenol	50.5	0	48.2	ug/L	95				37	144	
2-Chloronaphthalene	50.5	0	48.1	ug/L	95				60	120	
Dimethylphthalate	50.5	0	49.0	ug/L	97				1	120	
Acenaphthylene	50.5	0	53.1	ug/L	105				33	145	
2,6-Dinitrotoluene	50.5	0	52.2	ug/L	103				50	158	
Acenaphthene	50.5	0	49.5	ug/L	98				47	145	
2,4-Dinitrophenol	100	0	88.6	ug/L	89				1	191	
4-Nitrophenol	100	0	45.4	ug/L	45				1	132	
2,4-Dinitrotoluene	50.5	0	52.1	ug/L	103				39	139	
Diethylphthalate	50.5	0	47.5	ug/L	94				1	120	
4-Chlorophenyl-phenylether	50.5	0	46.7	ug/L	92				25	158	
Fluorene	50.5	0	47.4	ug/L	94				59	121	
4,6-Dinitro-2-methylphenol	50.5	0	48.6	ug/L	96				1	181	
N-Nitrosodiphenylamine	50.5	0	50.6	ug/L	100				59	137	
Azobenzene	50.5	0	49.9	ug/L	99				70	124	
4-Bromophenyl-phenylether	50.5	0	36.4	ug/L	72				53	127	
Hexachlorobenzene	50.5	0	40.8	ug/L	81				1	152	
Pentachlorophenol	100	0	95.6	ug/L	96				14	176	
Phenanthrene	50.5	0	47.3	ug/L	94				54	120	
Anthracene	50.5	0	47.6	ug/L	94				27	133	
Di-n-butylphthalate	50.5	0	46.3	ug/L	92				1	120	
Fluoranthene	50.5	0	47.4	ug/L	94				26	137	
Benzidine	100	0	11.8	ug/L	12				10	159	
Pyrene	50.5	0	31.8	ug/L	63				52	120	
Butylbenzylphthalate	50.5	0	46.8	ug/L	93				1	152	
3,3-Dichlorobenzidine	50.5	0	29.3	ug/L	58				1	262	
Benzo(a)anthracene	50.5	0	49.4	ug/L	98				33	143	
Chrysene	50.5	0	49.4	ug/L	98				17	168	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3385

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144080.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	50.5	0	64.6	ug/L	128				8	158	
Di-n-octyl phthalate	50.5	0	53.7	ug/L	106				4	146	
Benzo(b)fluoranthene	50.5	0	47.6	ug/L	94				24	159	
Benzo(k)fluoranthene	50.5	0	48.7	ug/L	96				11	162	
Benzo(a)pyrene	50.5	0	50.7	ug/L	100				17	163	
Indeno(1,2,3-cd)pyrene	50.5	0	49.3	ug/L	98				1	171	
Dibenz(a,h)anthracene	50.5	0	49.4	ug/L	98				1	227	
Benzo(g,h,i)perylene	50.5	0	50.2	ug/L	99				1	219	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3385

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144081.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3385-06MSD		Client Sample ID: EFF-WWMSD									
n-Nitrosodimethylamine	51.5	0	29.0	ug/L	56		2		10	160	20
Phenol	51.5	0	22.9	ug/L	44		5		5	120	20
bis(2-Chloroethyl)ether	51.5	0	47.0	ug/L	91		2		12	158	20
2-Chlorophenol	51.5	0	41.3	ug/L	80		3		23	134	20
2,2-oxybis(1-Chloropropane)	51.5	0	45.6	ug/L	89		5		36	166	20
N-Nitroso-di-n-propylamine	51.5	0	50.5	ug/L	98		6		1	230	20
Hexachloroethane	51.5	0	38.3	ug/L	74		1		40	120	20
Nitrobenzene	51.5	0	45.9	ug/L	89		2		35	180	20
Isophorone	51.5	0	48.1	ug/L	93		1		21	196	20
2-Nitrophenol	51.5	0	46.7	ug/L	91		1		29	182	20
2,4-Dimethylphenol	51.5	0	47.8	ug/L	93		2		32	120	20
bis(2-Chloroethoxy)methane	51.5	0	47.9	ug/L	93		1		33	184	20
2,4-Dichlorophenol	51.5	0	42.5	ug/L	83		2		39	135	20
1,2,4-Trichlorobenzene	51.5	0	45.1	ug/L	88		1		44	142	20
Naphthalene	51.5	0	44.3	ug/L	86		0		21	133	20
Hexachlorobutadiene	51.5	0	40.8	ug/L	79		1		24	120	20
4-Chloro-3-methylphenol	51.5	0	41.7	ug/L	81		4		22	147	20
Hexachlorocyclopentadiene	100	0	130	ug/L	130		0		10	218	20
2,4,6-Trichlorophenol	51.5	0	49.7	ug/L	97		2		37	144	20
2-Chloronaphthalene	51.5	0	49.9	ug/L	97		2		60	120	20
Dimethylphthalate	51.5	0	51.8	ug/L	101		4		1	120	20
Acenaphthylene	51.5	0	55.1	ug/L	107		2		33	145	20
2,6-Dinitrotoluene	51.5	0	55.4	ug/L	108		5		50	158	20
Acenaphthene	51.5	0	51.7	ug/L	100		2		47	145	20
2,4-Dinitrophenol	100	0	90.4	ug/L	90		1		1	191	20
4-Nitrophenol	100	0	46.8	ug/L	47		4		1	132	20
2,4-Dinitrotoluene	51.5	0	53.8	ug/L	104		1		39	139	20
Diethylphthalate	51.5	0	49.0	ug/L	95		1		1	120	20
4-Chlorophenyl-phenylether	51.5	0	47.8	ug/L	93		1		25	158	20
Fluorene	51.5	0	49.6	ug/L	96		2		59	121	20
4,6-Dinitro-2-methylphenol	51.5	0	48.0	ug/L	93		3		1	181	20
N-Nitrosodiphenylamine	51.5	0	52.6	ug/L	102		2		59	137	20
Azobenzene	51.5	0	52.0	ug/L	101		2		70	124	20
4-Bromophenyl-phenylether	51.5	0	38.6	ug/L	75		4		53	127	20
Hexachlorobenzene	51.5	0	42.7	ug/L	83		2		1	152	20
Pentachlorophenol	100	0	95.0	ug/L	95		1		14	176	20
Phenanthrene	51.5	0	48.9	ug/L	95		1		54	120	20
Anthracene	51.5	0	48.8	ug/L	95		1		27	133	20
Di-n-butylphthalate	51.5	0	47.5	ug/L	92		0		1	120	20
Fluoranthene	51.5	0	45.7	ug/L	89		5		26	137	20
Benzidine	100	0	14.2	ug/L	14		15		10	159	20
Pyrene	51.5	0	32.9	ug/L	64		2		52	120	20
Butylbenzylphthalate	51.5	0	49.3	ug/L	96		3		1	152	20
3,3-Dichlorobenzidine	51.5	0	30.7	ug/L	60		3		1	262	20
Benzo(a)anthracene	51.5	0	51.2	ug/L	99		1		33	143	20
Chrysene	51.5	0	51.5	ug/L	100		2		17	168	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3385

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144081.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	51.5	0	52.1	ug/L	101		24	*	8	158	20
Di-n-octyl phthalate	51.5	0	55.5	ug/L	108		2		4	146	20
Benzo(b)fluoranthene	51.5	0	47.1	ug/L	91		3		24	159	20
Benzo(k)fluoranthene	51.5	0	53.2	ug/L	103		7		11	162	20
Benzo(a)pyrene	51.5	0	51.2	ug/L	99		1		17	163	20
Indeno(1,2,3-cd)pyrene	51.5	0	50.4	ug/L	98		0		1	171	20
Dibenz(a,h)anthracene	51.5	0	51.7	ug/L	100		2		1	227	20
Benzo(g,h,i)perylene	51.5	0	51.5	ug/L	100		1		1	219	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3385</u>	Analytical Method: <u>625.1</u>
Client: <u>Ardmore Chemical</u>	DataFile: <u>BF144077.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170210BS	n-Nitrosodimethylamine	50	43.5	ug/L	87				52	110	
	Phenol	50	43.2	ug/L	86				48	130	
	bis(2-Chloroethyl)ether	50	46.9	ug/L	94				52	130	
	2-Chlorophenol	50	44.1	ug/L	88				55	130	
	2,2-oxybis(1-Chloropropane)	50	45.4	ug/L	91				63	139	
	N-Nitroso-di-n-propylamine	50	49.9	ug/L	100				59	170	
	Hexachloroethane	50	43.3	ug/L	87				55	130	
	Nitrobenzene	50	44.1	ug/L	88				54	158	
	Isophorone	50	47.4	ug/L	95				52	180	
	2-Nitrophenol	50	43.9	ug/L	88				61	163	
	2,4-Dimethylphenol	50	49.5	ug/L	99				58	130	
	bis(2-Chloroethoxy)methane	50	45.5	ug/L	91				52	164	
	2,4-Dichlorophenol	50	43.8	ug/L	88				64	130	
	1,2,4-Trichlorobenzene	50	46.7	ug/L	93				44	142	
	Naphthalene	50	43.1	ug/L	86				70	130	
	Hexachlorobutadiene	50	41.2	ug/L	82				68	130	
	4-Chloro-3-methylphenol	50	47.5	ug/L	95				68	130	
	Hexachlorocyclopentadiene	100	140	ug/L	140		*		21	137	
	2,4,6-Trichlorophenol	50	46.5	ug/L	93				69	130	
	2-Chloronaphthalene	50	44.6	ug/L	89				70	130	
	Dimethylphthalate	50	47.8	ug/L	96				50	130	
	Acenaphthylene	50	46.1	ug/L	92				60	130	
	2,6-Dinitrotoluene	50	52.6	ug/L	105				68	137	
	Acenaphthene	50	42.1	ug/L	84				70	130	
	2,4-Dinitrophenol	100	120	ug/L	120				39	173	
	4-Nitrophenol	100	96.7	ug/L	97				35	130	
	2,4-Dinitrotoluene	50	50.7	ug/L	101				53	130	
	Diethylphthalate	50	47.3	ug/L	95				47	130	
	4-Chlorophenyl-phenylether	50	47.3	ug/L	95				57	145	
	Fluorene	50	45.1	ug/L	90				70	130	
	4,6-Dinitro-2-methylphenol	50	45.9	ug/L	92				56	130	
	N-Nitrosodiphenylamine	50	43.5	ug/L	87				63	100	
	Azobenzene	50	47.3	ug/L	95				58	105	
	4-Bromophenyl-phenylether	50	45.4	ug/L	91				70	130	
	Hexachlorobenzene	50	43.6	ug/L	87				38	142	
	Pentachlorophenol	100	90.1	ug/L	90				42	152	
	Phenanthrene	50	42.9	ug/L	86				67	130	
	Anthracene	50	41.3	ug/L	83				58	130	
	Di-n-butylphthalate	50	41.9	ug/L	84				52	130	
	Fluoranthene	50	39.5	ug/L	79				47	130	
	Benzidine	100	8.20	ug/L	8		*		10	133	
	Pyrene	50	56.1	ug/L	112				70	130	
	Butylbenzylphthalate	50	50.4	ug/L	101				43	140	
	3,3-Dichlorobenzidine	50	44.1	ug/L	88				18	213	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3385

Analytical Method: 625.1

Client: Ardmore Chemical

DataFile: BF144077.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170210BS	Benzo(a)anthracene	50	48.4	ug/L	97				42	133	
	Chrysene	50	46.7	ug/L	93				44	140	
	bis(2-Ethylhexyl)phthalate	50	46.4	ug/L	93				43	137	
	Di-n-octyl phthalate	50	46.7	ug/L	93				21	132	
	Benzo(b)fluoranthene	50	56.6	ug/L	113				42	140	
	Benzo(k)fluoranthene	50	46.2	ug/L	92				25	146	
	Benzo(a)pyrene	50	49.8	ug/L	100				32	148	
	Indeno(1,2,3-cd)pyrene	50	51.1	ug/L	102				13	151	
	Dibenz(a,h)anthracene	50	53.6	ug/L	107				13	200	
	Benzo(g,h,i)perylene	50	55.1	ug/L	110				13	195	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170210BL

Lab Name: Alliance

Contract: ARDM01

Lab Code: ACE

SDG NO.: Q3385

Lab File ID: BF144078.D

Lab Sample ID: PB170210BL

Instrument ID: BNA_F

Date Extracted: 10/22/2025

Matrix: (soil/water) Water

Date Analyzed: 10/27/2025

Level: (low/med) LOW

Time Analyzed: 12:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170210BS	PB170210BS	BF144077.D	10/27/2025
EFF-WW	Q3385-04	BF144079.D	10/27/2025
EFF-WWMS	Q3385-05MS	BF144080.D	10/27/2025
EFF-WWMSD	Q3385-06MSD	BF144081.D	10/27/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: ARDM01
SDG NO.: Q3385
DFTPP Injection Date: 10/24/2025
DFTPP Injection Time: 09:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144056.D	10/24/2025	10:13
SSTDICC005	SSTDICC005	BF144057.D	10/24/2025	10:42
SSTDICC010	SSTDICC010	BF144058.D	10/24/2025	11:39
SSTDICC020	SSTDICC020	BF144059.D	10/24/2025	12:36
SSTDICCC040	SSTDICCC040	BF144060.D	10/24/2025	13:05
SSTDICC050	SSTDICC050	BF144061.D	10/24/2025	13:34
SSTDICC080	SSTDICC080	BF144063.D	10/24/2025	14:32
SSTDICC060	SSTDICC060	BF144064.D	10/24/2025	16:24



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144073.D
Instrument ID: BNA_F

Contract: ARDM01
SDG NO.: Q3385
DFTPP Injection Date: 10/27/2025
DFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.9) 1
69	Mass 69 relative abundance	22.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144074.D	10/27/2025	10:27
PB170210BS	PB170210BS	BF144077.D	10/27/2025	11:56
PB170210BL	PB170210BL	BF144078.D	10/27/2025	12:26
EFF-WW	Q3385-04	BF144079.D	10/27/2025	13:04
EFF-WWMS	Q3385-05MS	BF144080.D	10/27/2025	13:34
EFF-WWMSD	Q3385-06MSD	BF144081.D	10/27/2025	14:04

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3385

Client ID : SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BF144074.D

Time Analyzed: 10:27

Instrument ID: BNA_F

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	54596	6.881	204208	8.16	113226	9.92
UPPER LIMIT	109192	7.381	408416	8.663	226452	10.422
LOWER LIMIT	27298	6.381	102104	7.663	56613	9.422
EPA SAMPLE NO.						
01 PB170210BS	69633	6.88	270699	8.16	145913	9.92
02 PB170210BL	69834	6.88	269261	8.16	147528	9.92
03 EFF-WW	47582	6.88	172761	8.16	88391	9.92
04 EFF-WWMS	48975	6.88	173973	8.16	86535	9.92
05 EFF-WWMSD	49404	6.88	184320	8.16	89189	9.92

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3385

Client ID: SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BF144074.D

Time Analyzed: 10:27

Instrument ID: BNA_F

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	184414	11.41	112717	14.057	164562	15.545
UPPER LIMIT	368828	11.91	225434	14.557	329124	16.045
LOWER LIMIT	92207	10.91	56358.5	13.557	82281	15.045
EPA SAMPLE NO.						
01 PB170210BS	270812	11.41	145792	14.06	180063	15.55
02 PB170210BL	293923	11.41	172811	14.06	183496	15.54
03 EFF-WW	140680	11.41	124175	14.06	164739	15.54
04 EFF-WWMS	138271	11.42	119266	14.06	165835	15.55
05 EFF-WWMSD	144598	11.42	116309	14.06	164968	15.55

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client: Ardmore Chemical	Date Collected: 10/17/25	
Project: PVSC Monthly 2025	Date Received: 10/17/25	
Client Sample ID: EFF-WW	SDG No.: Q3385	
Lab Sample ID: Q3385-04	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: 10/22/25		

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	10/27/25 13:04	PB170210
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	10/27/25 13:04	PB170210
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	10/27/25 13:04	PB170210
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	10/27/25 13:04	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	10/27/25 13:04	PB170210
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	5.00	ug/L	10/27/25 13:04	PB170210
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/27/25 13:04	PB170210
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/27/25 13:04	PB170210
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	10/27/25 13:04	PB170210
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	10/27/25 13:04	PB170210
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	10/27/25 13:04	PB170210
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:04	PB170210
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	10/27/25 13:04	PB170210
120-82-1	1,2,4-Trichlorobenzene	0.54	U	1	0.54	5.00	ug/L	10/27/25 13:04	PB170210
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/27/25 13:04	PB170210
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	10/27/25 13:04	PB170210
77-47-4	Hexachlorocyclopentadiene	3.60	UQ	1	3.60	10.0	ug/L	10/27/25 13:04	PB170210
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/27/25 13:04	PB170210
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	10/27/25 13:04	PB170210
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	10/27/25 13:04	PB170210
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	10/27/25 13:04	PB170210
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	10/27/25 13:04	PB170210
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	10/27/25 13:04	PB170210
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/27/25 13:04	PB170210
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	10/27/25 13:04	PB170210
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:04	PB170210
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	10/27/25 13:04	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	10/27/25 13:04	PB170210
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	10/27/25 13:04	PB170210
103-33-3	Azobenzene	0.81	U	1	0.81	5.00	ug/L	10/27/25 13:04	PB170210
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	10/27/25 13:04	PB170210
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/27/25 13:04	PB170210
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/27/25 13:04	PB170210
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	10/27/25 13:04	PB170210
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	10/27/25 13:04	PB170210
92-87-5	Benzidine	4.30	UQ	1	4.30	10.0	ug/L	10/27/25 13:04	PB170210
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210



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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	10/17/25
Project:	PVSC Monthly 2025		Date Received:	10/17/25
Client Sample ID:	EFF-WW		SDG No.:	Q3385
Lab Sample ID:	Q3385-04		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: 10/22/25		

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	10/27/25 13:04	PB170210
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	10/27/25 13:04	PB170210
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	10/27/25 13:04	PB170210
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	10/27/25 13:04	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	10/27/25 13:04	PB170210
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	10/27/25 13:04	PB170210
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	10/27/25 13:04	PB170210
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	10/27/25 13:04	PB170210
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	10/27/25 13:04	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	10/27/25 13:04	PB170210
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	10/27/25 13:04	PB170210
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	10/27/25 13:04	PB170210

SURROGATES

367-12-4	2-Fluorophenol	59.3	*		60 - 140	59%	SPK: 100
13127-88-3	Phenol-d6	43.0	*		60 - 140	43%	SPK: 100
4165-60-0	Nitrobenzene-d5	92.7			60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3			60 - 140	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.8			60 - 140	85%	SPK: 100
1718-51-0	Terphenyl-d14	83.5			60 - 140	83%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	47600
1146-65-2	Naphthalene-d8	173000
15067-26-2	Acenaphthene-d10	88400
1517-22-2	Phenanthrene-d10	141000
1719-03-5	Chrysene-d12	124000
1520-96-3	Perylene-d12	165000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144079.D
 Acq On : 27 Oct 2025 13:04
 Operator : RC/JU
 Sample : Q3385-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Oct 27 13:27:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

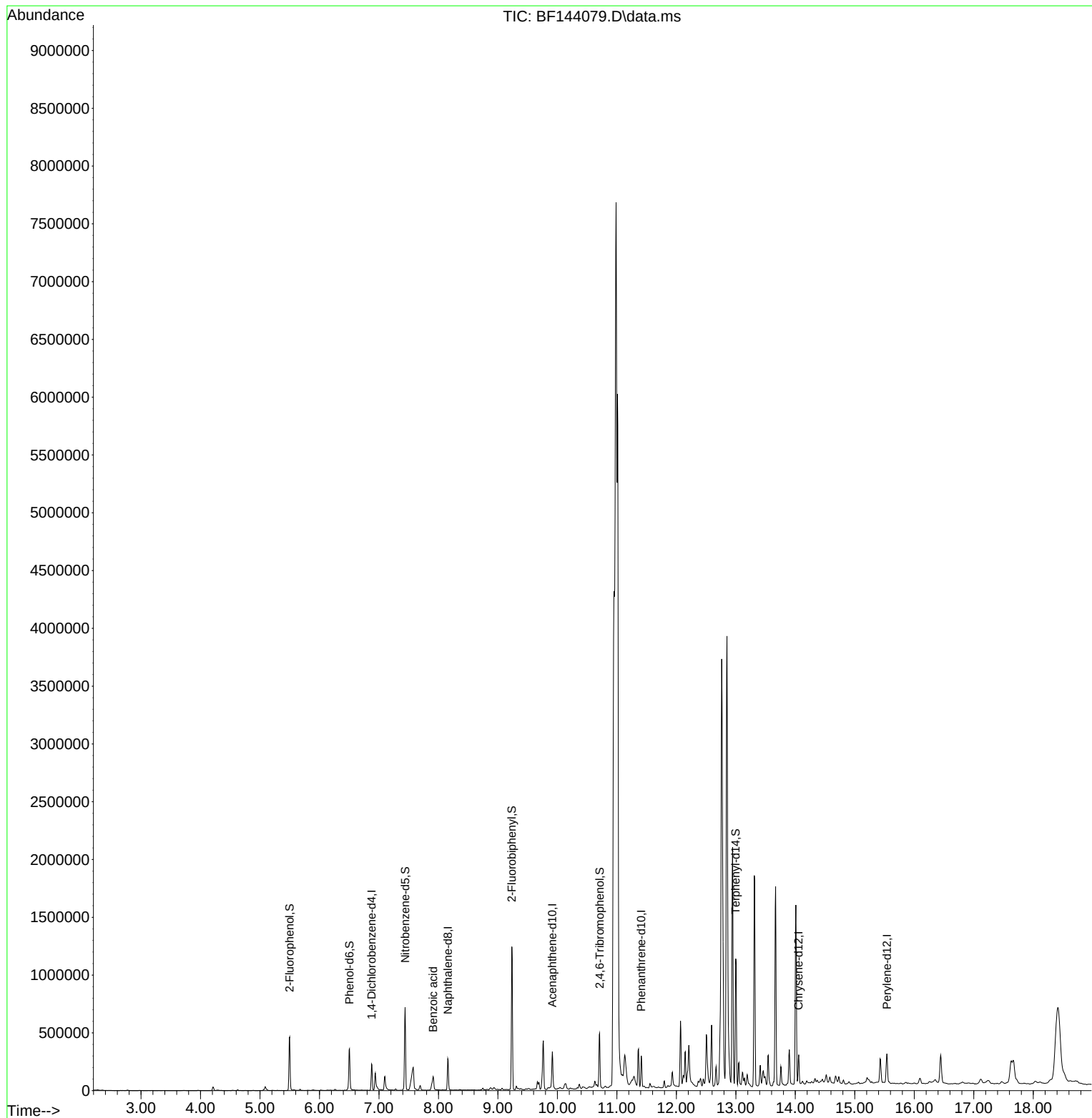
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	47582	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	172761	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	88391	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	140680	20.000	ng	0.00
76) Chrysene-d12	14.057	240	124175	20.000	ng	0.00
86) Perylene-d12	15.539	264	164739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	178451	59.335	ng	0.00
7) Phenol-d6	6.504	99	142803	42.994	ng	0.00
23) Nitrobenzene-d5	7.440	82	292299	92.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95516	84.833	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	567281	90.313	ng	0.00
79) Terphenyl-d14	12.998	244	592922	83.476	ng	0.00
Target Compounds						
32) Benzoic acid	7.910	122	43812	29.290	ng	Qvalue # 85

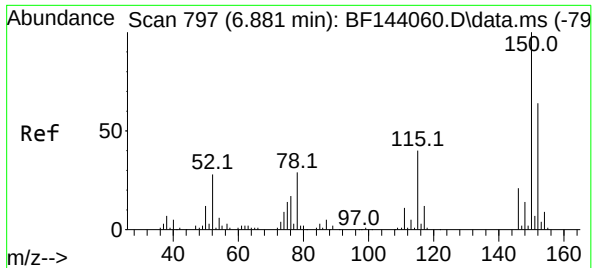
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144079.D
Acq On : 27 Oct 2025 13:04
Operator : RC/JU
Sample : Q3385-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Oct 27 13:27:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

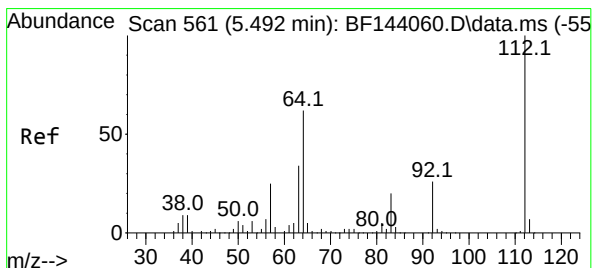
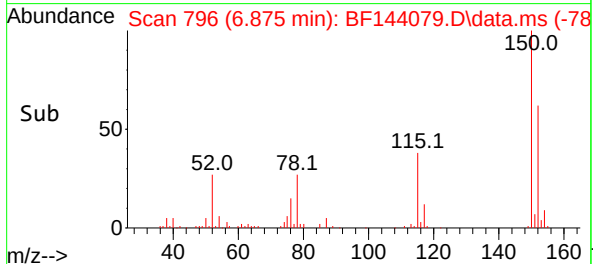
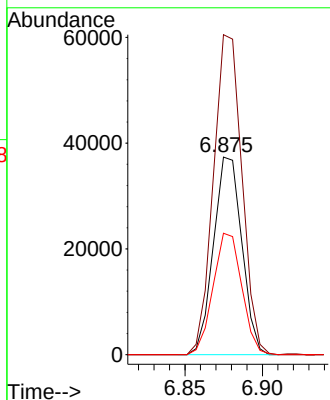
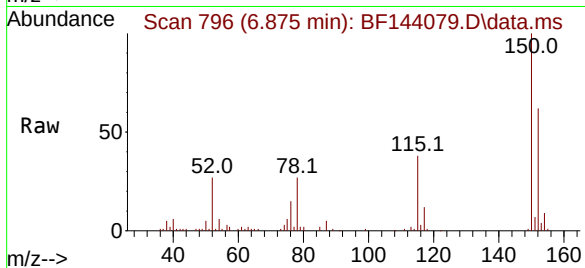




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

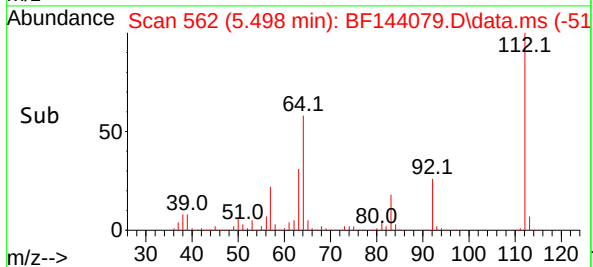
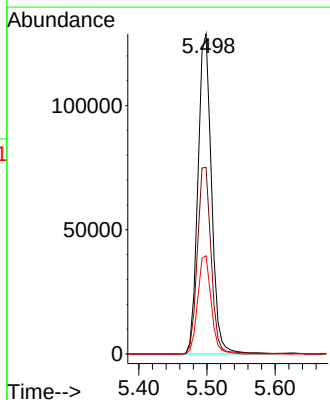
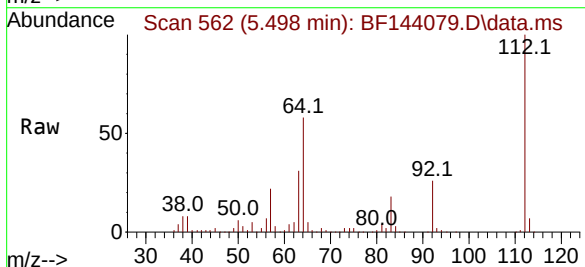
Instrument :
BNA_F
ClientSampleId :
EFF-WW

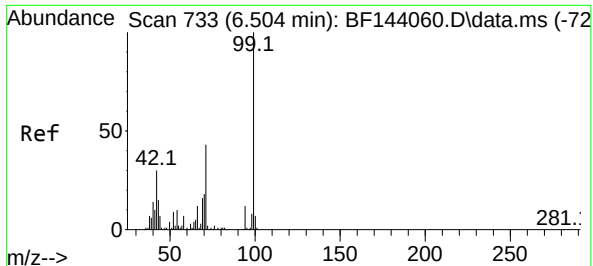
Tgt Ion:152 Resp: 47582
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 61.5 49.4 74.0



#5
2-Fluorophenol
Concen: 59.335 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

Tgt Ion:112 Resp: 178451
Ion Ratio Lower Upper
112 100
64 58.3 49.8 74.8
63 30.7 27.4 41.2

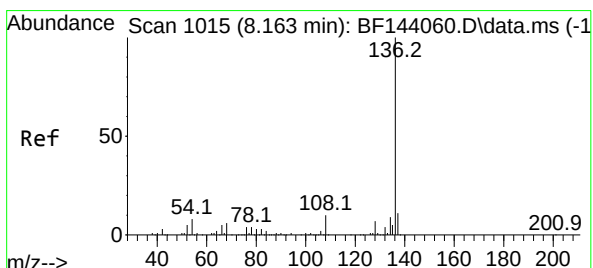
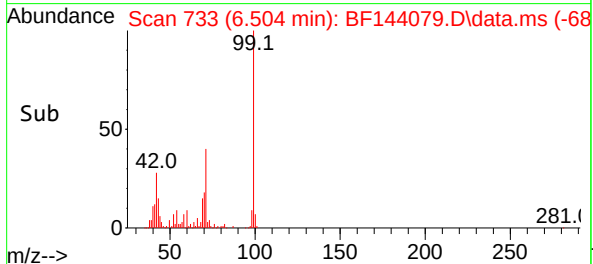
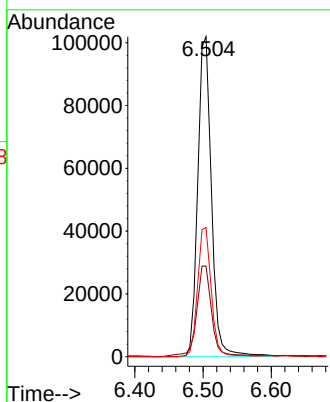
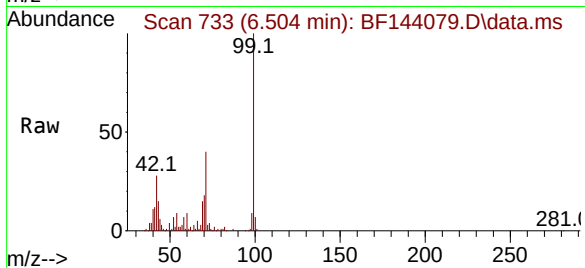




#7
Phenol-d6
Concen: 42.994 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

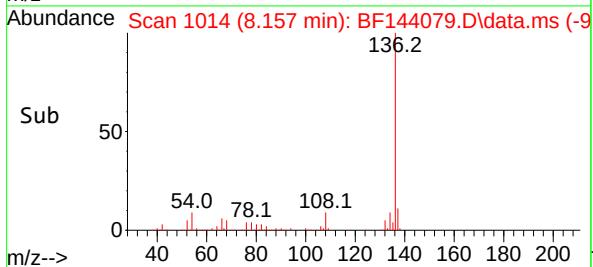
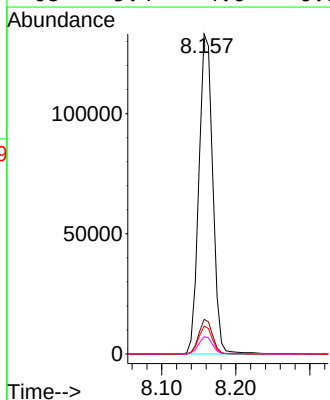
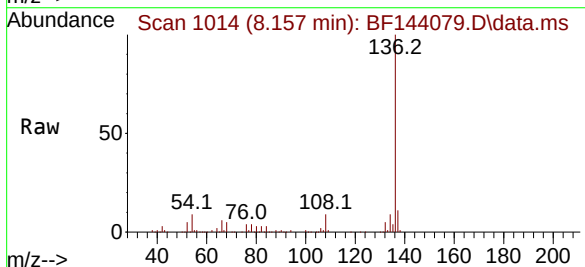
Instrument :
BNA_F
ClientSampleId :
EFF-WW

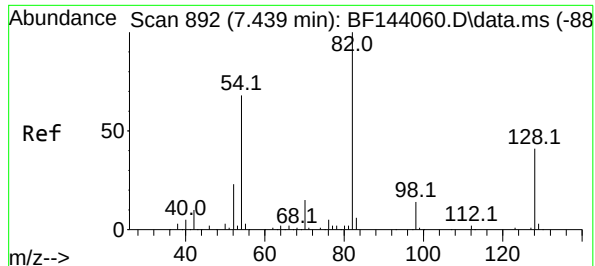
Tgt Ion: 99 Resp: 142803
Ion Ratio Lower Upper
99 100
42 28.4 23.9 35.9
71 40.4 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

Tgt Ion: 136 Resp: 172761
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 6.6 9.8
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.696 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

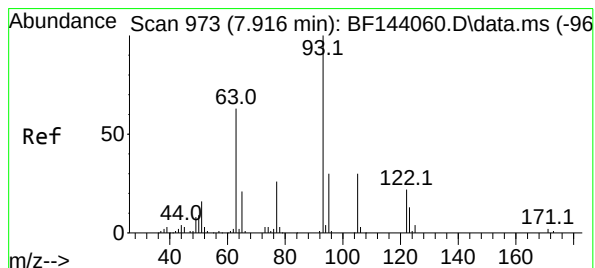
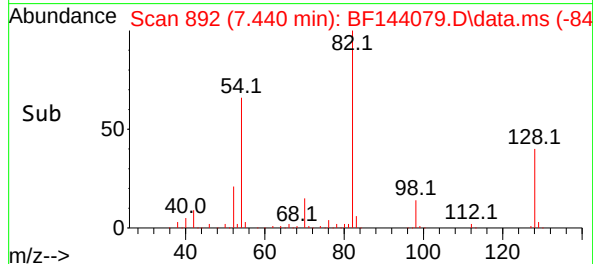
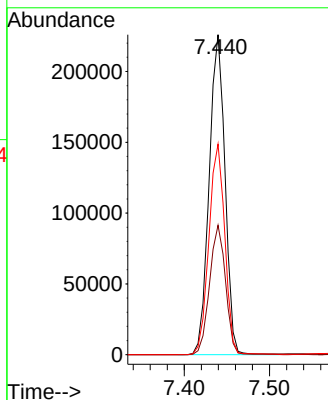
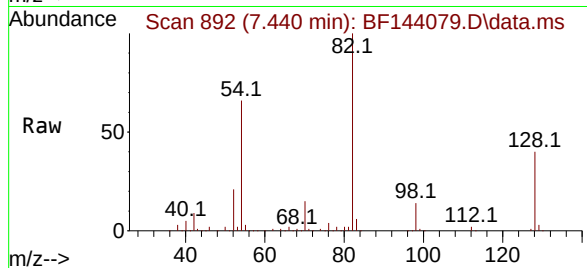
BNA_F

ClientSampleId :

EFF-WW

Tgt Ion: 82 Resp: 292299

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	65.8	54.0	81.0



#32

Benzoic acid

Concen: 29.290 ng

RT: 7.910 min Scan# 972

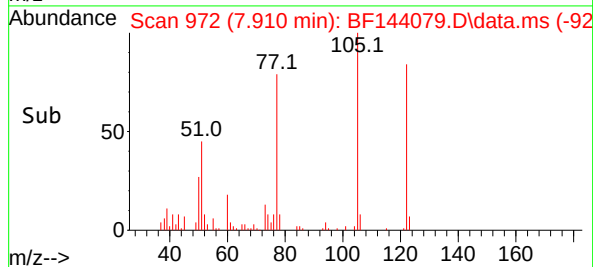
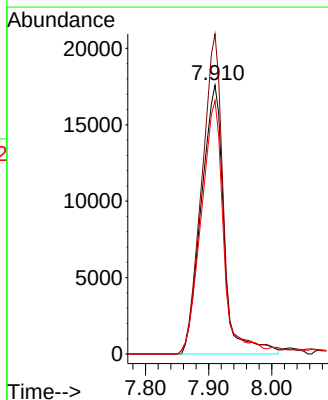
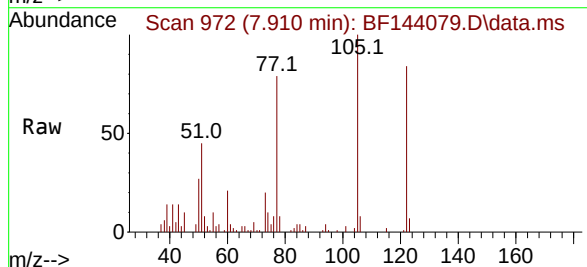
Delta R.T. -0.006 min

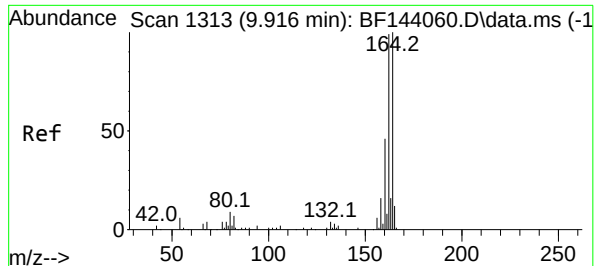
Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Tgt Ion:122 Resp: 43812

Ion	Ratio	Lower	Upper
122	100		
105	119.1	111.3	151.3
77	94.3	96.7	136.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

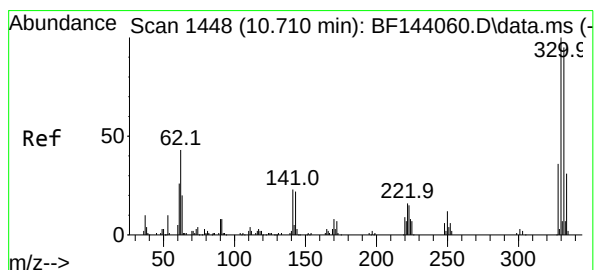
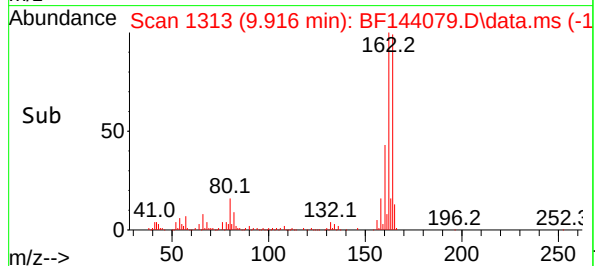
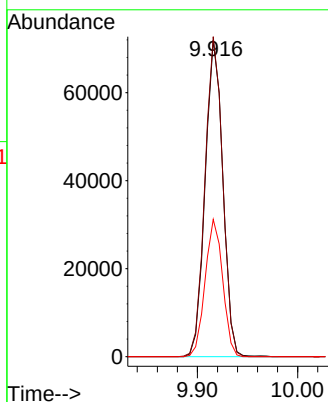
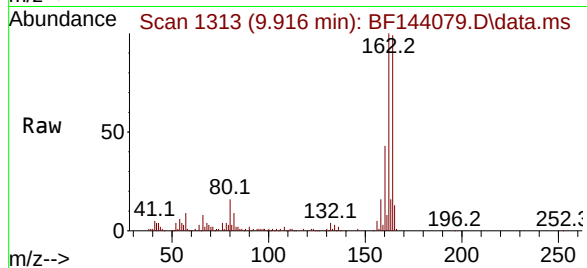
Tgt Ion:164 Resp: 88391

Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.2

160 43.4 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 84.833 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

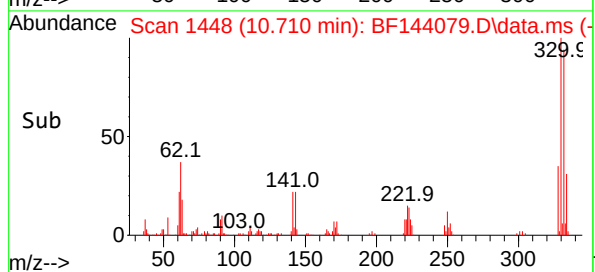
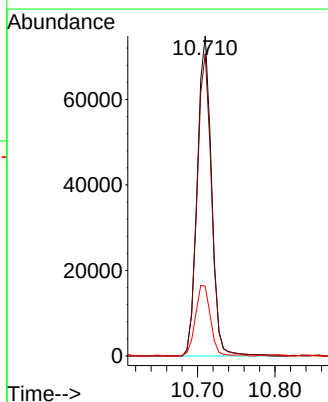
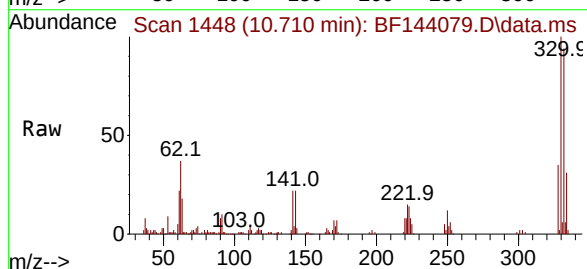
Tgt Ion:330 Resp: 95516

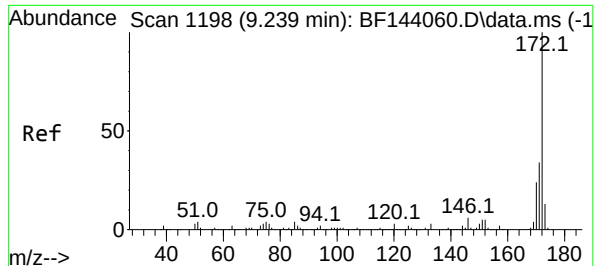
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 23.4 19.4 29.0





#45

2-Fluorobiphenyl

Concen: 90.313 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

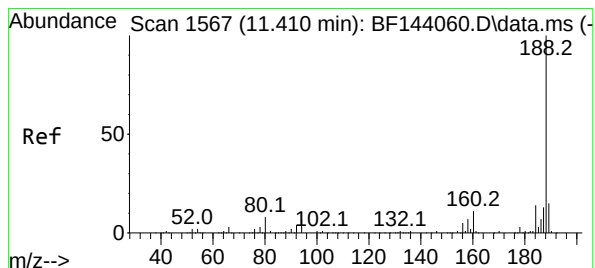
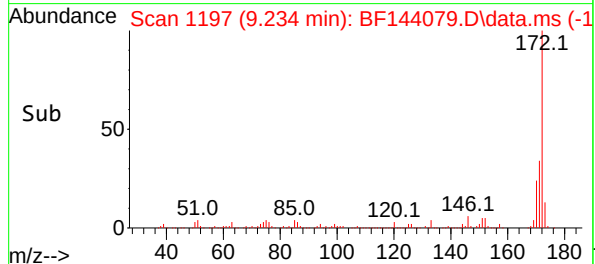
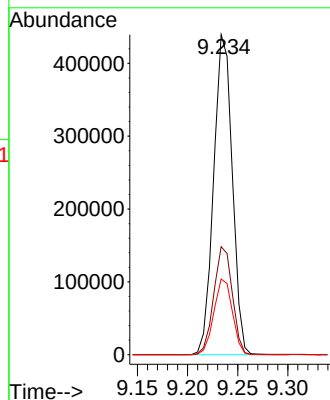
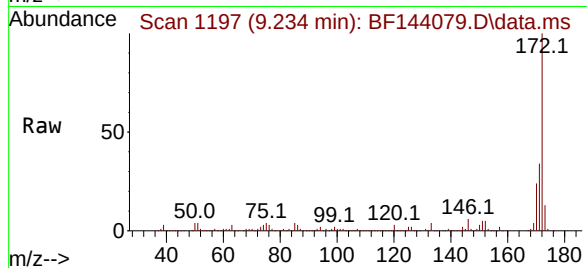
Tgt Ion:172 Resp: 567281

Ion Ratio Lower Upper

172 100

171 33.7 27.5 41.3

170 23.7 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144079.D

Acq: 27 Oct 2025 13:04

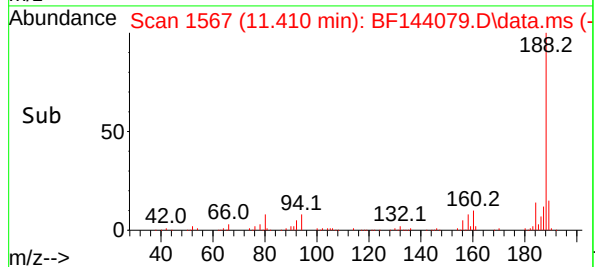
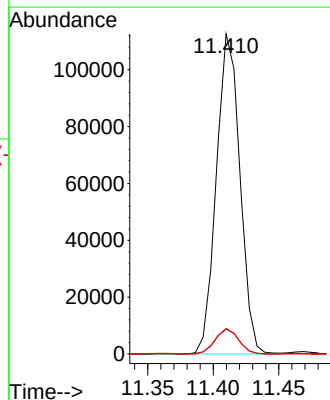
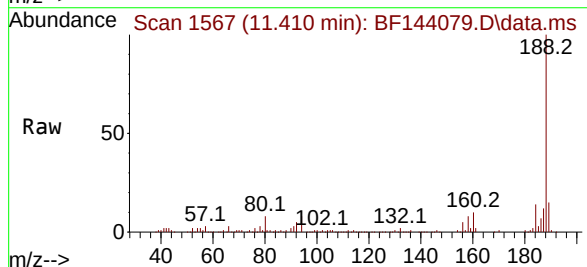
Tgt Ion:188 Resp: 140680

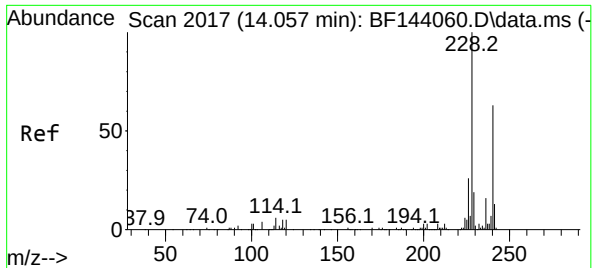
Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.0

80 7.9 6.0 9.0

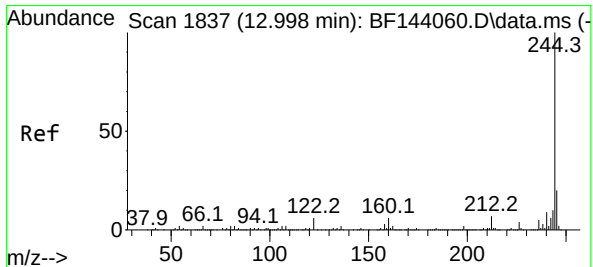
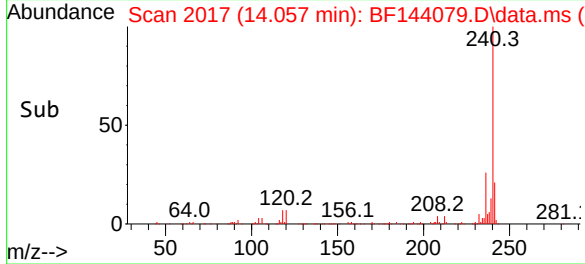
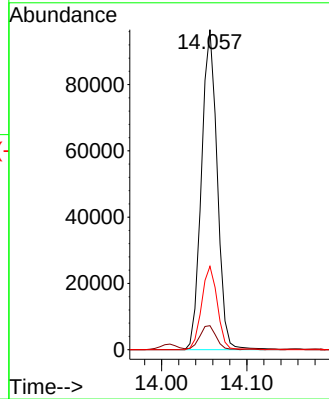
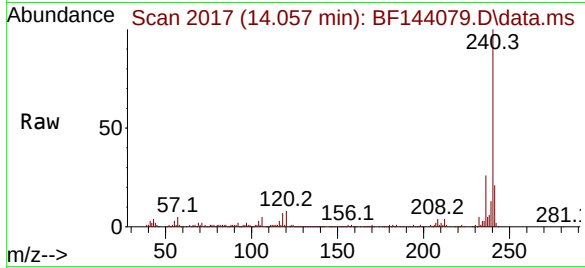




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

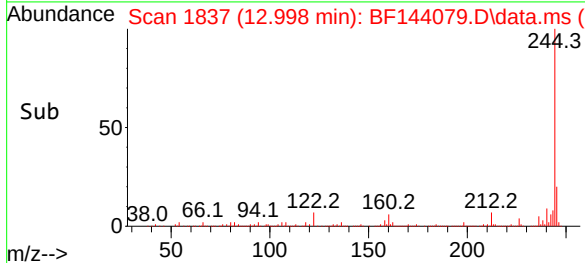
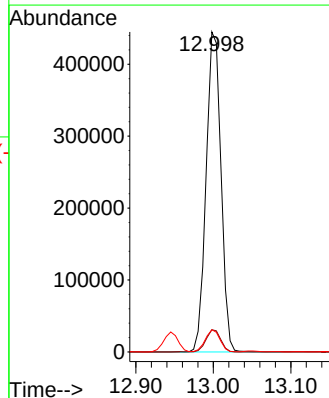
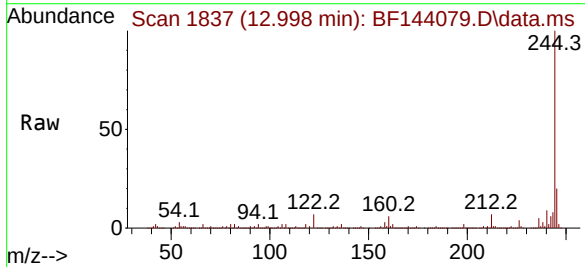
Instrument :
BNA_F
ClientSampleId :
EFF-WW

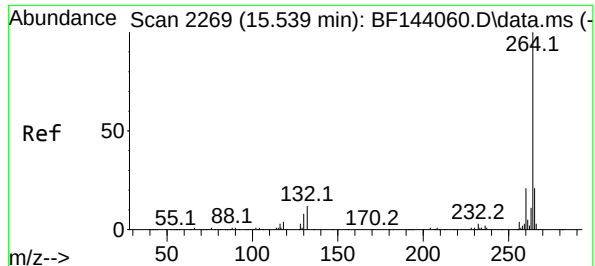
Tgt Ion:240 Resp: 124175
Ion Ratio Lower Upper
240 100
120 7.5 6.5 9.7
236 26.0 20.1 30.1



#79
Terphenyl-d14
Concen: 83.476 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

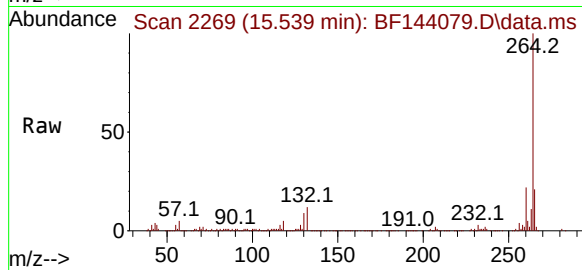
Tgt Ion:244 Resp: 592922
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 7.0 4.9 7.3



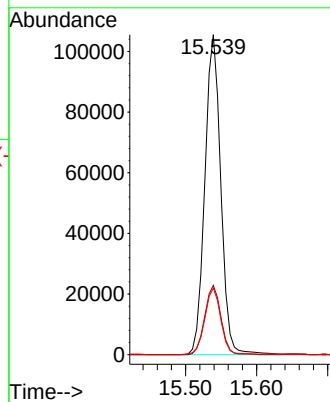
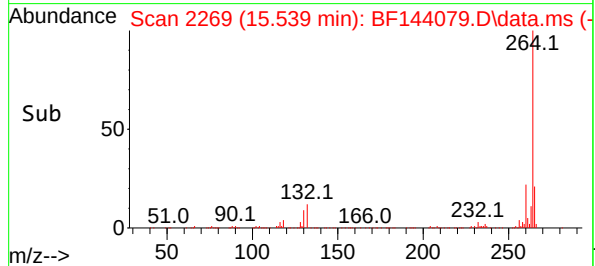


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144079.D
Acq: 27 Oct 2025 13:04

Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:264 Resp: 164739
Ion Ratio Lower Upper
264 100
260 21.6 17.0 25.4
265 20.8 16.6 24.8





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.: Q3385Instrument ID: BNA_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D			RRF005 = BF144057.D		RRF010 = BF144058.D	
		RRF020 = BF144059.D			RRF040 = BF144060.D		RRF050 = BF144061.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.805	0.963	0.912	0.835	0.899	9.0
2-Fluorophenol		1.324	1.322	1.328	1.303	1.163	1.264	7.8
Phenol-d6		1.548	1.443	1.481	1.408	1.289	1.396	8.6
Phenol		1.896	1.860	1.820	1.736	1.575	1.722	9.4
bis(2-Chloroethyl)ether		1.406	1.278	1.285	1.248	1.128	1.245	8.7
2-Chlorophenol		1.398	1.310	1.306	1.251	1.124	1.245	9.2
2,2-oxybis(1-Chloropropane)		2.561	2.432	2.505	2.376	2.149	2.339	8.1
n-Nitroso-di-n-propylamine	0.900	0.971	0.972	0.949	0.876	0.801	0.903	7.6
Nitrobenzene-d5		0.377	0.378	0.374	0.368	0.335	0.365	6.5
Hexachloroethane		0.553	0.544	0.569	0.544	0.506	0.541	7.2
Nitrobenzene		0.395	0.384	0.404	0.392	0.360	0.386	6.0
Isophorone		0.665	0.662	0.645	0.643	0.584	0.638	6.3
2-Nitrophenol		0.190	0.184	0.196	0.191	0.167	0.184	7.0
2,4-Dimethylphenol		0.289	0.279	0.262	0.287	0.254	0.273	6.7
bis(2-Chloroethoxy)methane		0.430	0.408	0.413	0.404	0.365	0.398	7.2
2,4-Dichlorophenol		0.334	0.345	0.325	0.323	0.293	0.317	7.8
1,2,4-Trichlorobenzene		0.344	0.339	0.334	0.335	0.301	0.327	7.2
Naphthalene		1.054	1.002	0.962	0.965	0.852	0.944	9.7
Hexachlorobutadiene		0.279	0.276	0.274	0.270	0.241	0.267	8.2
4-Chloro-3-methylphenol		0.302	0.289	0.285	0.282	0.257	0.280	7.0
Hexachlorocyclopentadiene			0.148	0.208	0.218	0.205	0.212	18.9
2,4,6-Trichlorophenol		0.430	0.447	0.480	0.473	0.427	0.447	8.0
2-Fluorobiphenyl		1.654	1.503	1.411	1.451	1.291	1.421	11.0
2-Chloronaphthalene		1.336	1.264	1.233	1.222	1.101	1.199	9.7
Dimethylphthalate		1.398	1.328	1.332	1.366	1.219	1.311	7.1
Acenaphthylene		1.780	1.693	1.664	1.703	1.476	1.617	9.5
2,6-Dinitrotoluene		0.228	0.257	0.275	0.276	0.252	0.259	8.3
Acenaphthene		1.125	1.153	1.134	1.114	0.999	1.080	8.2
2,4-Dinitrophenol			0.161	0.162	0.124	0.116	0.140	13.4
4-Nitrophenol			0.224	0.199	0.187	0.175	0.195	8.9
2,4-Dinitrotoluene		0.302	0.343	0.370	0.385	0.336	0.350	9.4
Diethylphthalate		1.286	1.264	1.244	1.290	1.145	1.233	7.0
4-Chlorophenyl-phenylether		0.706	0.667	0.656	0.675	0.591	0.643	9.5
Fluorene		1.359	1.169	1.133	1.188	1.041	1.143	11.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ARDM01Lab Code: ACESDG No.: Q3385Instrument ID: BNA_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D			RRF005 = BF144057.D		RRF010 = BF144058.D	
		RRF020 = BF144059.D			RRF040 = BF144060.D		RRF050 = BF144061.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.133	0.151	0.123	0.115	0.128	10.6
n-Nitrosodiphenylamine		0.716	0.666	0.657	0.643	0.590	0.639	8.8
Azobenzene		1.192	1.178	1.187	1.236	1.103	1.167	6.9
2,4,6-Tribromophenol		0.251	0.249	0.256	0.262	0.241	0.255	6.8
4-Bromophenyl-phenylether		0.274	0.256	0.247	0.260	0.230	0.250	8.5
Hexachlorobenzene		0.311	0.338	0.309	0.321	0.275	0.307	8.6
Pentachlorophenol			0.123	0.149	0.150	0.143	0.146	9.9
Phenanthrene		1.073	1.040	1.009	1.017	0.918	0.994	7.9
Anthracene		1.171	1.077	1.029	1.053	0.932	1.026	10.0
Di-n-butylphthalate		1.090	1.091	1.116	1.118	1.002	1.071	6.6
Fluoranthene		1.171	1.151	1.121	1.123	0.997	1.098	7.9
Benzidine			0.689	0.614	0.665	0.513	0.622	19.0
Pyrene		1.603	1.466	1.426	1.521	1.295	1.438	9.1
Terphenyl-d14		1.280	1.134	1.121	1.212	1.002	1.144	9.4
Butylbenzylphthalate		0.508	0.542	0.566	0.601	0.494	0.544	8.2
3,3-Dichlorobenzidine			0.469	0.485	0.510	0.404	0.470	10.2
Benzo(a)anthracene		1.341	1.322	1.359	1.516	1.206	1.352	8.8
Chrysene		1.330	1.263	1.253	1.319	1.179	1.268	5.9
Bis(2-ethylhexyl)phthalate		0.745	0.725	0.761	0.795	0.690	0.743	7.0
Di-n-octyl phthalate			1.228	1.295	1.399	1.179	1.277	7.6
Benzo(b)fluoranthene		1.134	1.108	1.153	1.264	1.055	1.131	6.4
Benzo(k)fluoranthene		1.206	1.077	1.010	1.059	0.906	1.043	11.4
Benzo(a)pyrene		1.049	0.990	1.036	1.089	0.942	1.014	6.9
Indeno(1,2,3-cd)pyrene		1.351	1.331	1.394	1.477	1.295	1.373	6.5
Dibenzo(a,h)anthracene		1.058	1.061	1.107	1.166	1.024	1.087	6.7
Benzo(g,h,i)perylene		1.051	1.051	1.124	1.195	1.023	1.093	7.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Oct 24 17:30:25 2025
 Response Via : Initial Calibration

Calibration Files

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

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.723	0.494	0.485	0.550	0.519	0.572	0.481	0.546	15.58	
3)	Pyridine	1.395	1.384	1.530	1.527	1.427	1.604	1.370	1.462	6.19	
4)	n-Nitrosodimet...		0.805	0.963	0.912	0.835	1.017	0.860	0.899	8.98	
5) S	2-Fluorophenol	1.324	1.322	1.328	1.303	1.163	1.322	1.087	1.264	7.76	
6)	Aniline	2.173	2.152	2.106	2.016	1.809	2.050	1.675	1.997	9.36	
7) S	Phenol-d6	1.548	1.443	1.481	1.408	1.289	1.412	1.193	1.396	8.56	
8)	2-Chlorophenol	1.398	1.310	1.306	1.251	1.124	1.258	1.067	1.245	9.17	
9)	Benzaldehyde		1.093	0.965	1.043	0.959	1.406	1.039	1.084	15.28	
10) C	Phenol	1.896	1.860	1.820	1.736	1.575	1.725	1.445	1.722	9.41	
11)	bis(2-Chloroet...	1.406	1.278	1.285	1.248	1.128	1.285	1.082	1.245	8.72	
12)	1,3-Dichlorobe...	1.681	1.582	1.640	1.565	1.415	1.566	1.300	1.536	8.66	
13) C	1,4-Dichlorobe...	1.645	1.567	1.592	1.551	1.371	1.575	1.295	1.513	8.52	
14)	1,2-Dichlorobe...	1.588	1.548	1.534	1.480	1.355	1.520	1.225	1.464	8.81	
15)	Benzyl Alcohol		1.129	1.234	1.145	1.056	1.222	1.025	1.135	7.47	
16)	2,2'-oxybis(1-...	2.561	2.432	2.505	2.376	2.149	2.313	2.038	2.339	8.08	
17)	2-Methylphenol	1.052	1.010	1.032	0.931	0.874	0.981	0.823	0.957	8.89	
18)	Hexachloroethane	0.553	0.544	0.569	0.544	0.506	0.595	0.477	0.541	7.21	
19) P	n-Nitroso-di-n...	0.900	0.971	0.972	0.949	0.876	0.801	0.943	0.809	0.903	7.60
20)	3+4-Methylphenols		1.270	1.190	1.167	1.036	1.159	0.969	1.132	9.69	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.473	0.459	0.433	0.437	0.397	0.456	0.371	0.432	8.41	
23) S	Nitrobenzene-d5	0.377	0.378	0.374	0.368	0.335	0.393	0.330	0.365	6.48	
24)	Nitrobenzene	0.395	0.384	0.404	0.392	0.360	0.417	0.351	0.386	6.05	
25)	Isophorone	0.665	0.662	0.645	0.643	0.584	0.686	0.582	0.638	6.29	
26) C	2-Nitrophenol	0.190	0.184	0.196	0.191	0.167	0.194	0.165	0.184	6.96	
27)	2,4-Dimethylph...	0.289	0.279	0.262	0.287	0.254	0.293	0.247	0.273	6.73	
28)	bis(2-Chloroet...	0.430	0.408	0.413	0.404	0.365	0.416	0.351	0.398	7.25	
29) C	2,4-Dichloroph...	0.334	0.345	0.325	0.323	0.293	0.328	0.275	0.317	7.75	
30)	1,2,4-Trichlor...	0.344	0.339	0.334	0.335	0.301	0.348	0.286	0.327	7.19	
31)	Naphthalene	1.054	1.002	0.962	0.965	0.852	0.983	0.788	0.944	9.72	
32)	Benzoic acid		0.217	0.200	0.146	0.147	0.168	0.162	0.173	16.81	
33)	4-Chloroaniline	0.332	0.356	0.349	0.336	0.298	0.344	0.286	0.329	8.10	
34) C	Hexachlorobuta...	0.279	0.276	0.274	0.270	0.241	0.296	0.234	0.267	8.19	
35)	Caprolactam		0.078	0.082	0.085	0.072	0.086	0.075	0.080	7.03	
36) C	4-Chloro-3-met...	0.302	0.289	0.285	0.282	0.257	0.296	0.250	0.280	6.98	
37)	2-Methylnaphth...	0.718	0.654	0.631	0.644	0.549	0.637	0.524	0.622	10.55	
38)	1-Methylnaphth...	0.685	0.627	0.591	0.591	0.524	0.611	0.499	0.590	10.60	

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

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

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

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

(#) = Out of Range

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

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

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

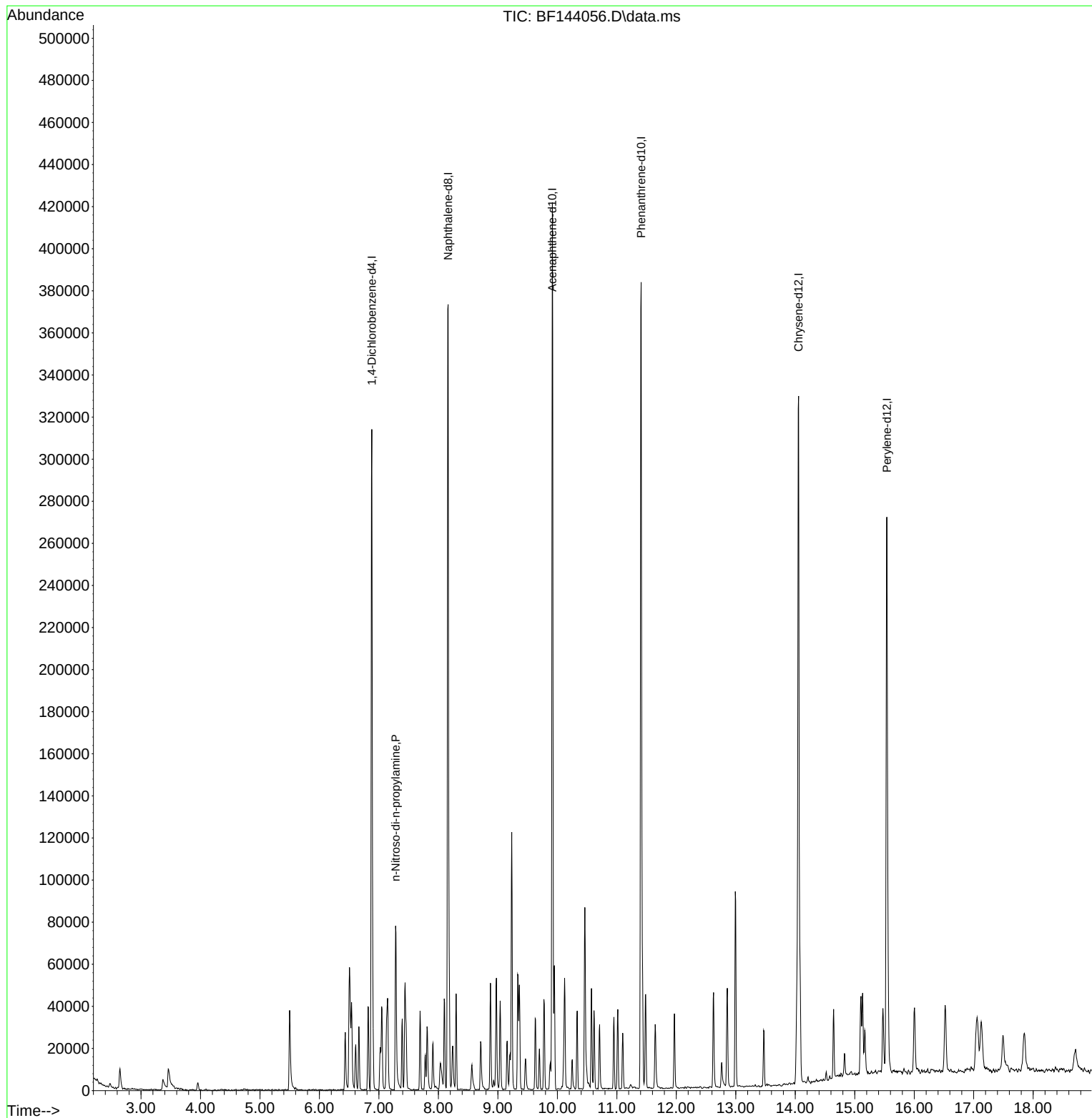
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63395	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	236986	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	128411	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	216866	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165196	20.000	ng	0.00
86) Perylene-d12	15.539	264	182261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.281	70	7133	2.493	ng	97

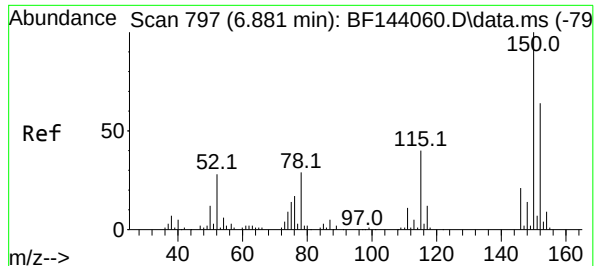
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

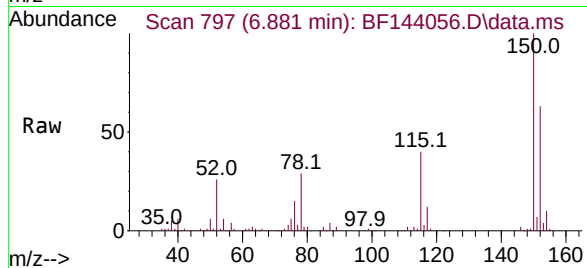
Quant Time: Oct 24 17:00:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



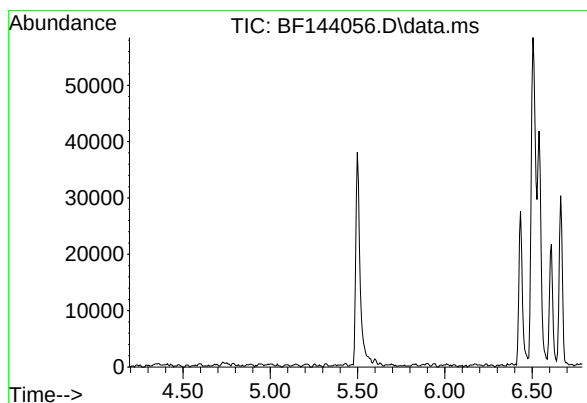
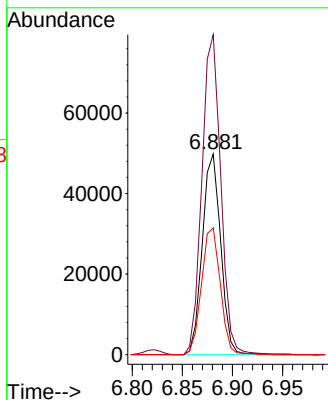
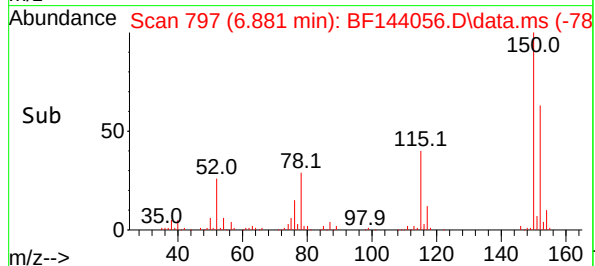


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



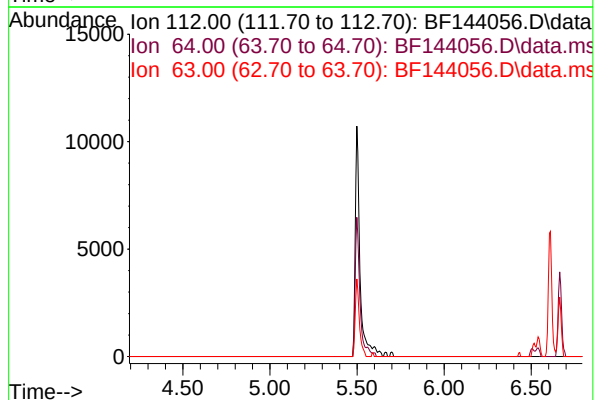
Tgt Ion:152 Resp: 63395
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 63.2 49.4 74.0

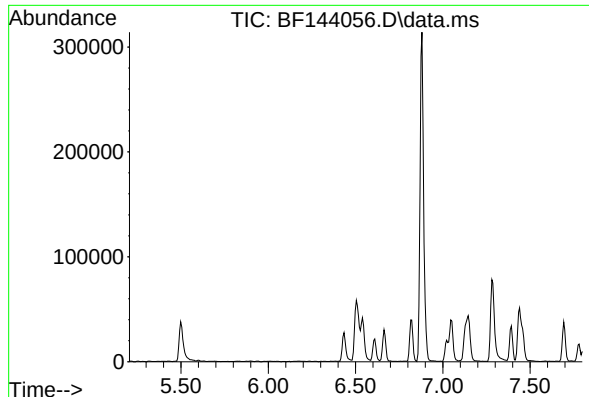


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

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

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





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.50 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

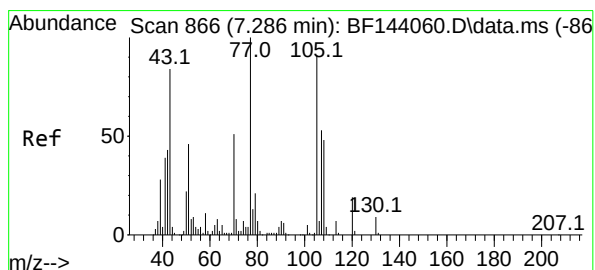
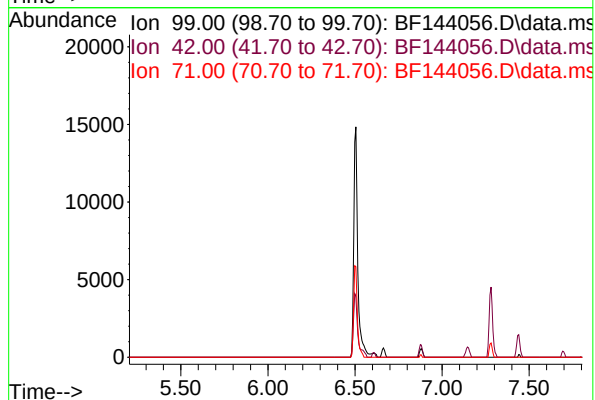
Tgt Ion: 99

Sig Exp Ratio

99 100

42 29.9

71 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.493 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Tgt Ion: 70 Resp: 7133

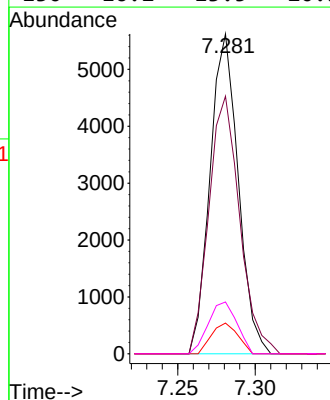
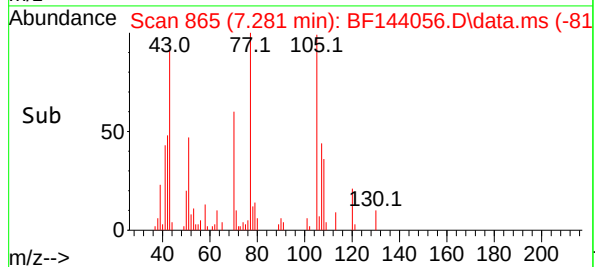
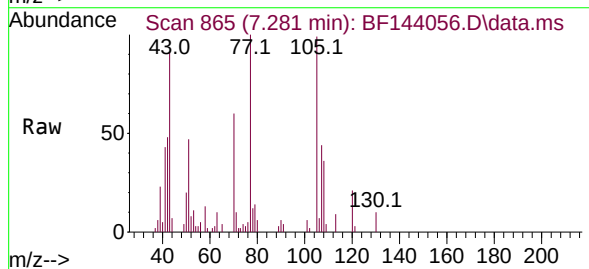
Ion Ratio Lower Upper

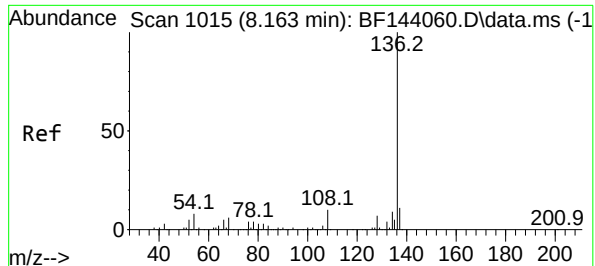
70 100

42 80.5 67.4 101.0

101 9.6 7.1 10.7

130 16.2 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144056.D

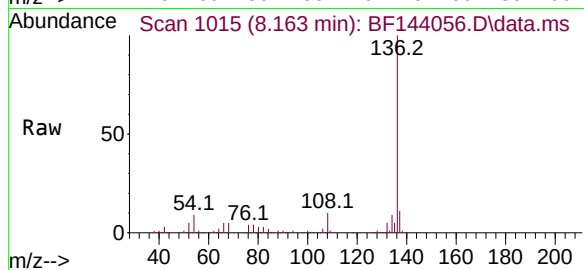
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 236986

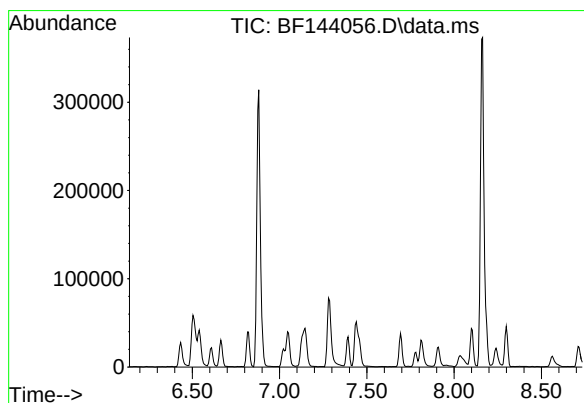
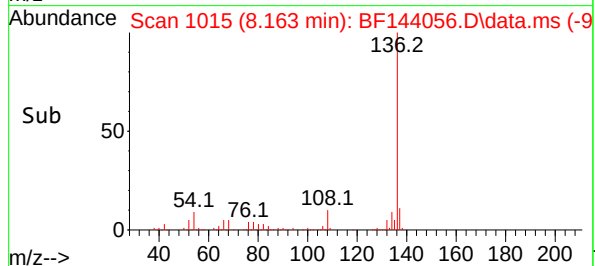
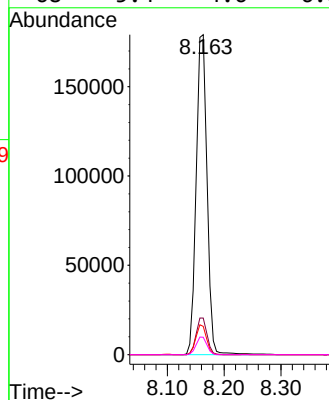
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 8.8 6.6 9.8

68 5.4 4.6 6.8



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

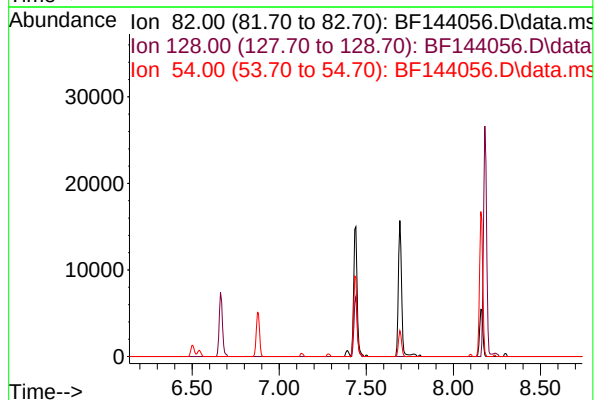
Tgt Ion: 82

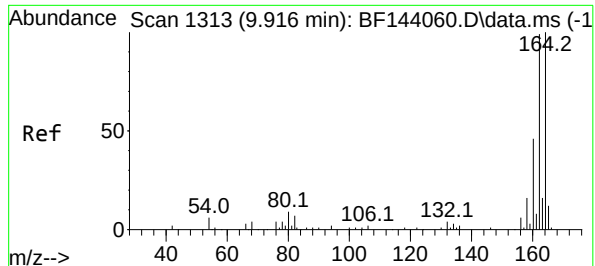
Sig Exp Ratio

82 100

128 40.5

54 67.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144056.D

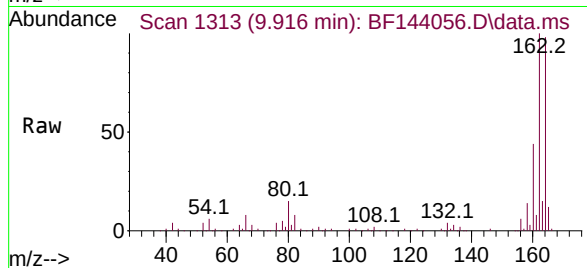
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



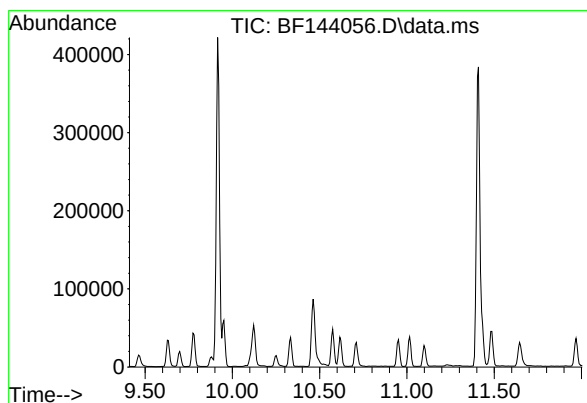
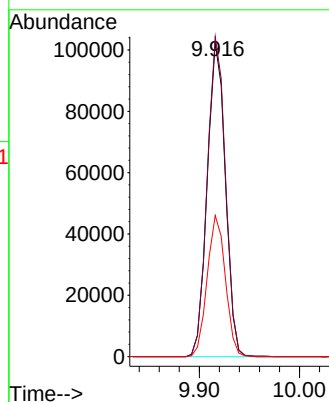
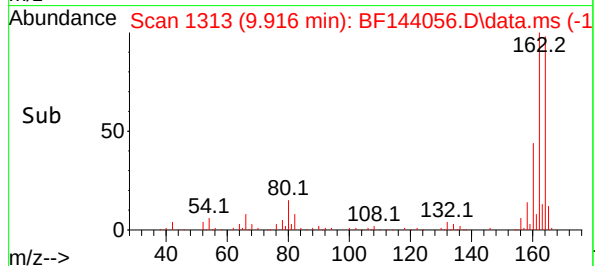
Tgt Ion:164 Resp: 128411

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.9 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.71 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

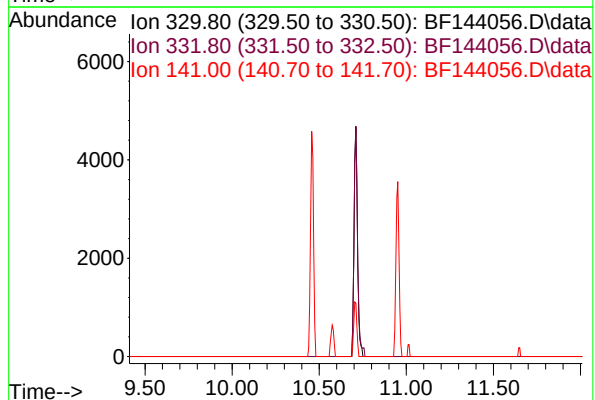
Tgt Ion: 330

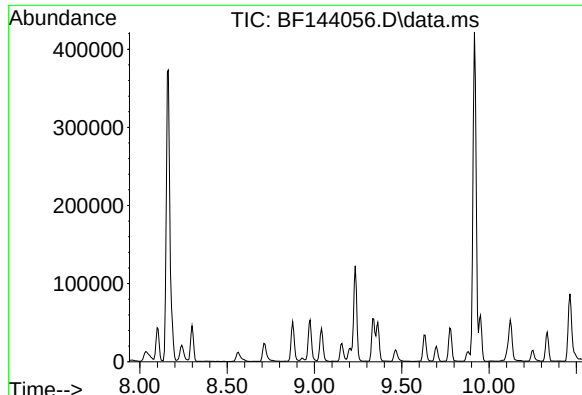
Sig Exp Ratio

330 100

332 96.3

141 24.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

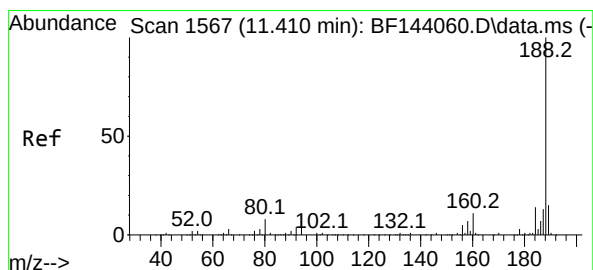
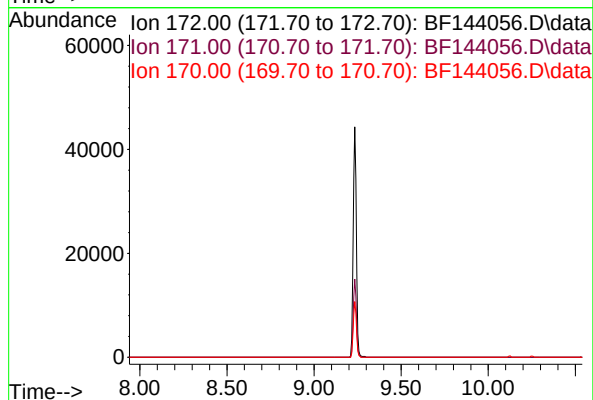
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.4

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

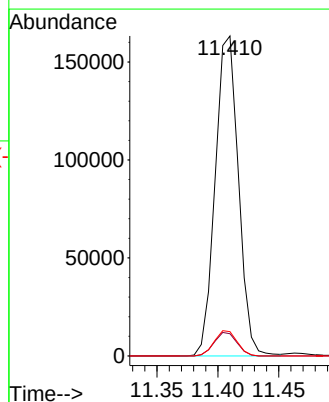
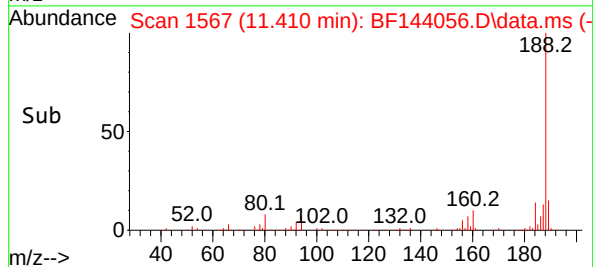
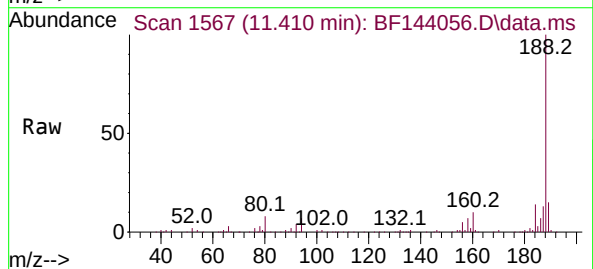
Tgt Ion:188 Resp: 216866

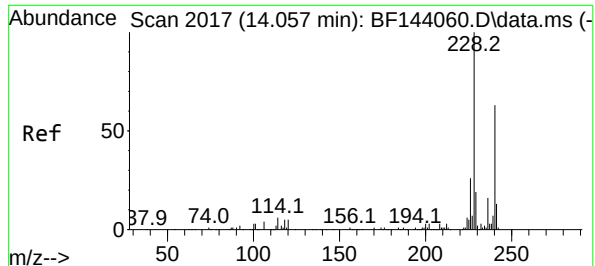
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

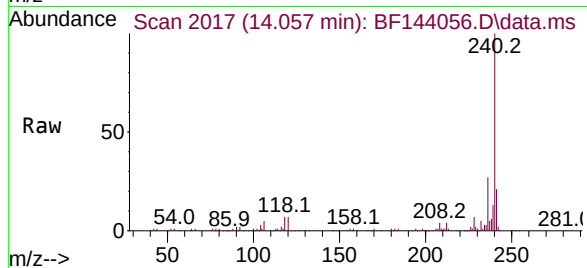
80 7.6 6.0 9.0



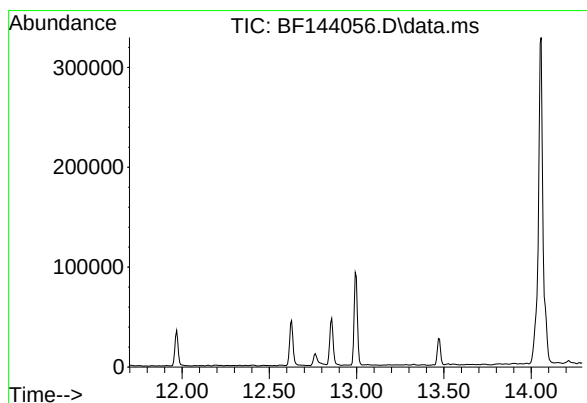
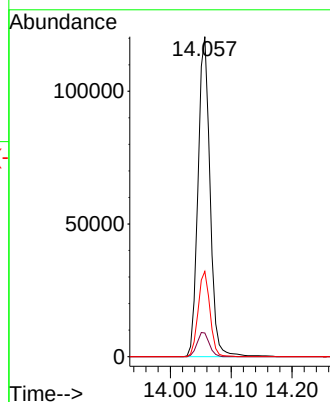
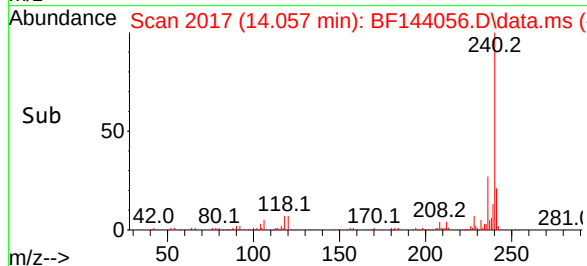


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



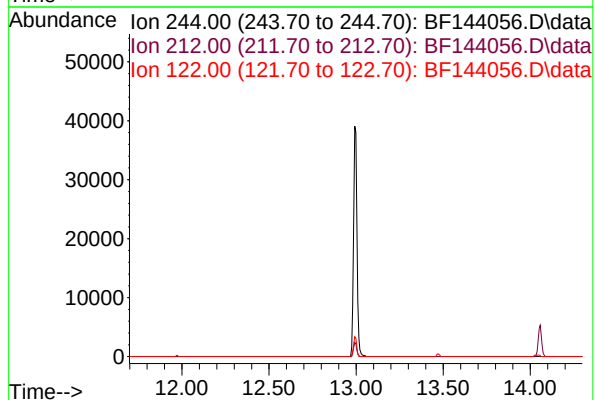
Tgt Ion:240 Resp: 165196
Ion Ratio Lower Upper
240 100
120 7.4 6.5 9.7
236 26.6 20.1 30.1



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

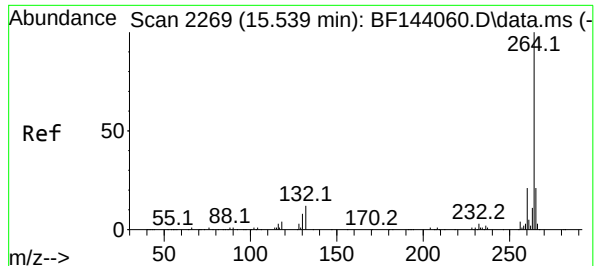
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

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



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

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144056.D

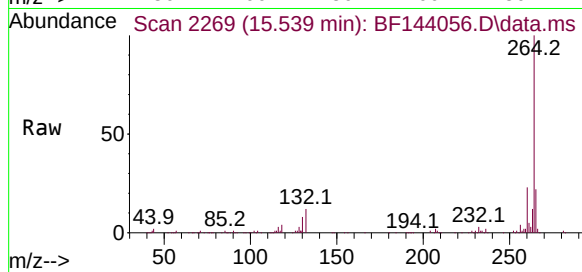
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



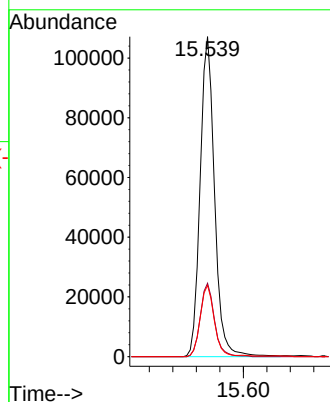
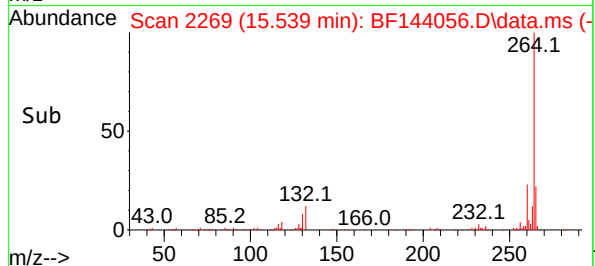
Tgt Ion:264 Resp: 182261

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.4

265 22.3 16.6 24.8



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

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

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

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

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

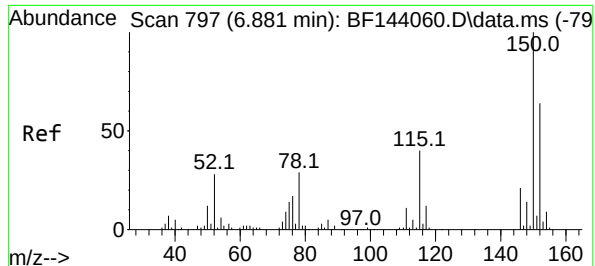
Quant Time: Oct 24 17:01:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

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

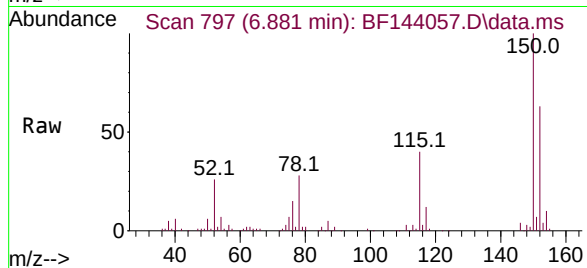
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

[illegible]

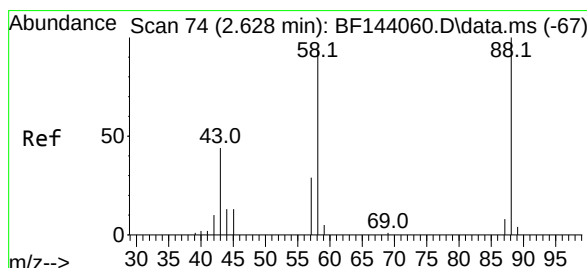
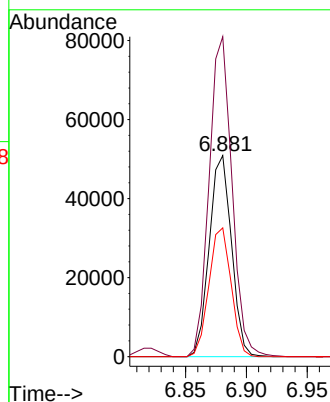
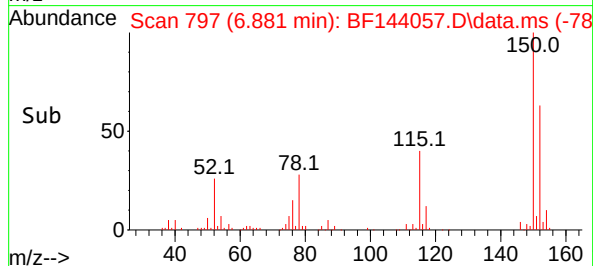


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

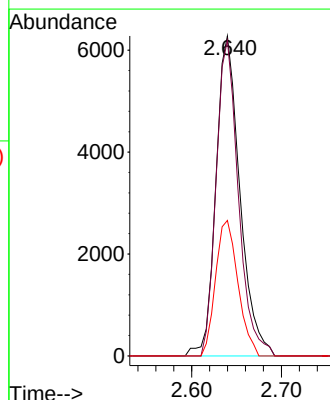
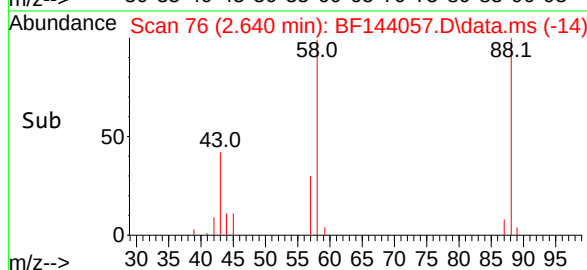
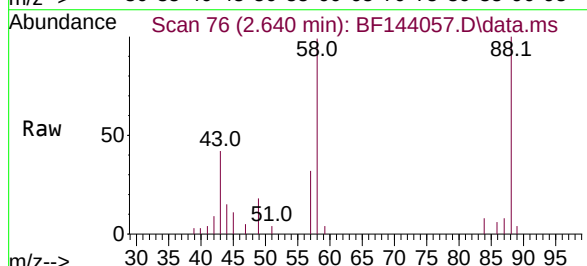


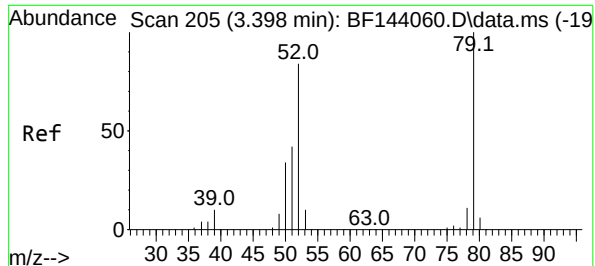
Tgt Ion:152 Resp: 64729
Ion Ratio Lower Upper
152 100
150 159.2 124.4 186.6
115 64.1 49.4 74.0



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

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





#3

Pyridine

Concen: 4.769 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

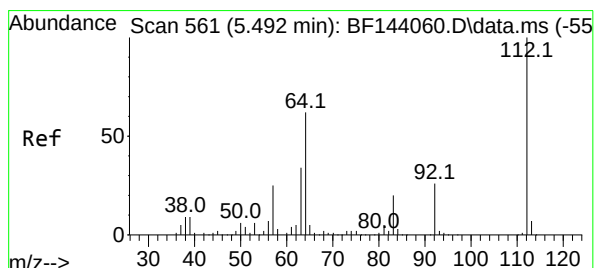
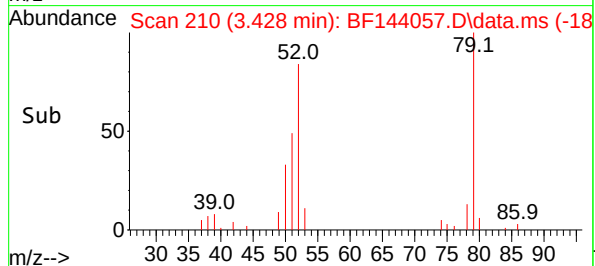
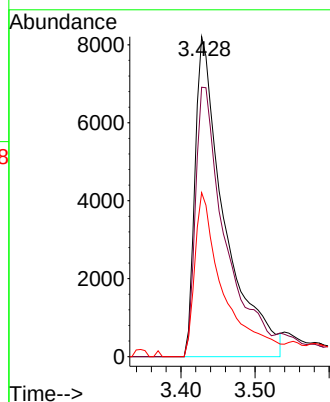
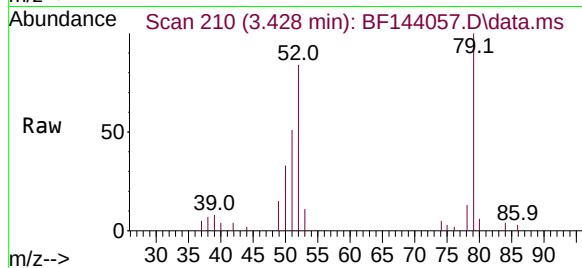
Tgt Ion: 79 Resp: 22571

Ion Ratio Lower Upper

79 100

52 84.2 67.5 101.3

51 51.2 33.6 50.4#



#5

2-Fluorophenol

Concen: 10.471 ng

RT: 5.492 min Scan# 561

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

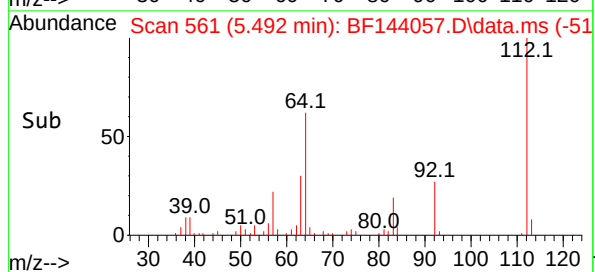
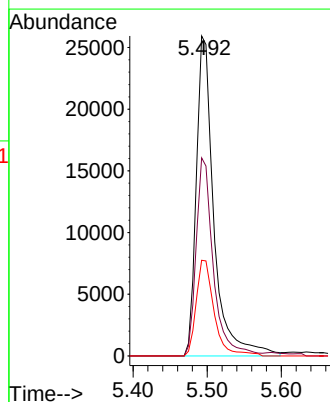
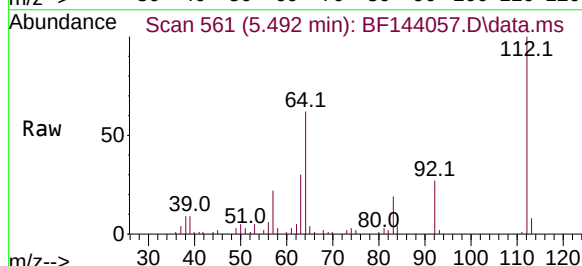
Tgt Ion: 112 Resp: 42841

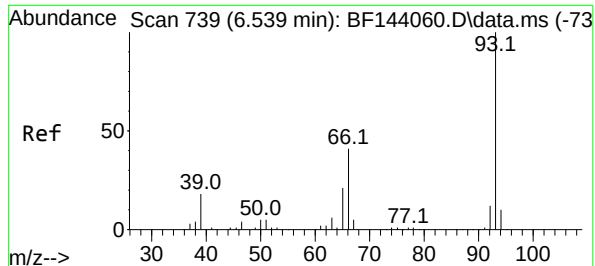
Ion Ratio Lower Upper

112 100

64 61.9 49.8 74.8

63 29.9 27.4 41.2





#6

Aniline

Concen: 5.441 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

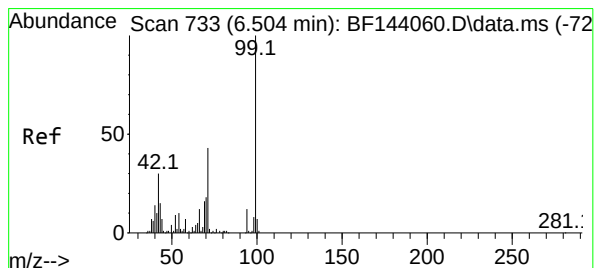
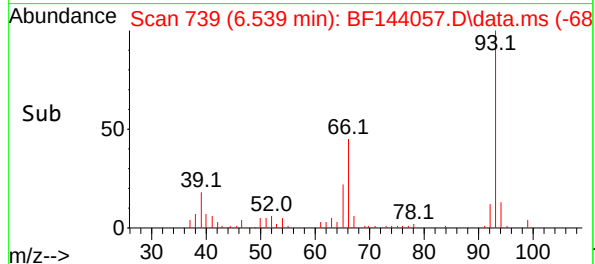
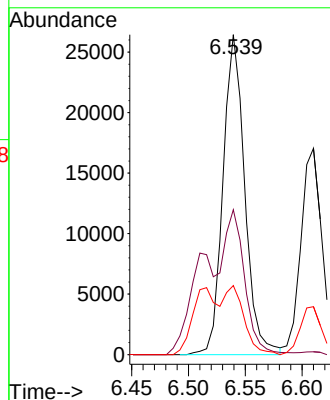
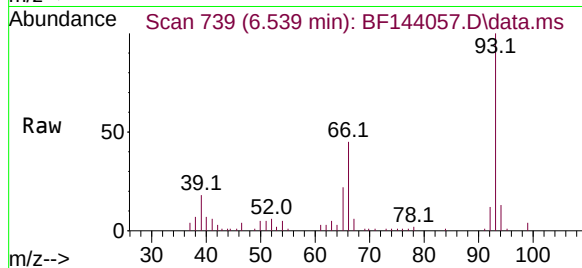
Tgt Ion: 93 Resp: 35169

Ion Ratio Lower Upper

93 100

66 45.3 35.7 53.5

65 21.6 17.0 25.6



#7

Phenol-d6

Concen: 11.088 ng

RT: 6.498 min Scan# 732

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

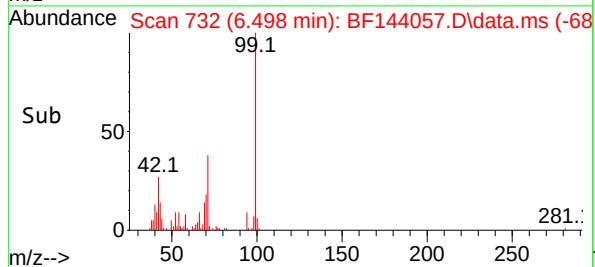
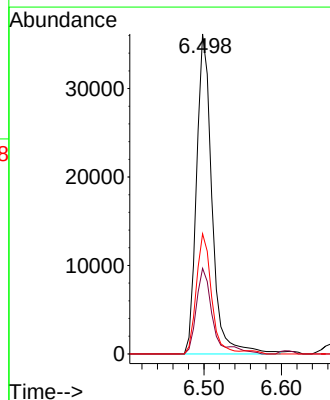
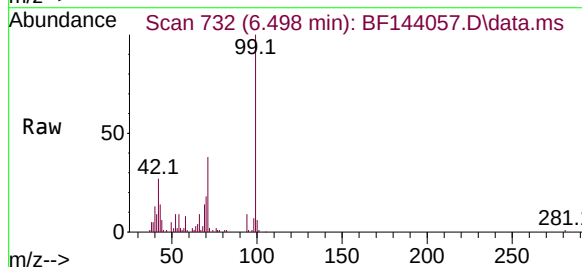
Tgt Ion: 99 Resp: 50099

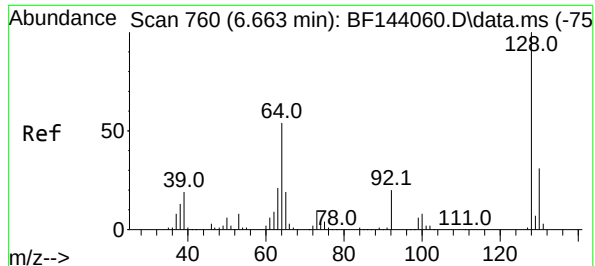
Ion Ratio Lower Upper

99 100

42 26.7 23.9 35.9

71 37.5 34.4 51.6

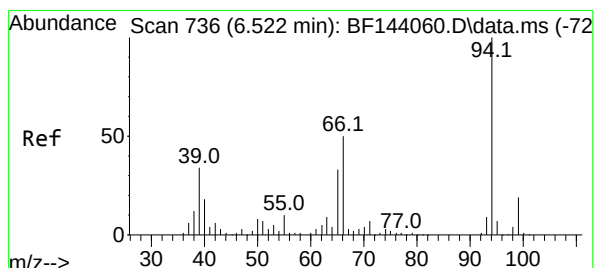
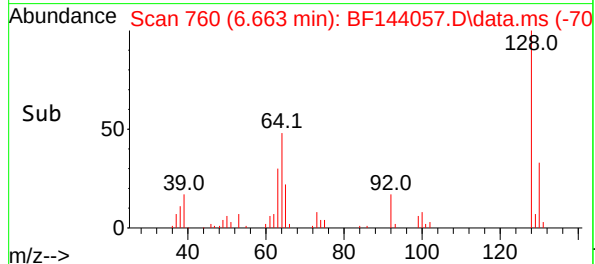
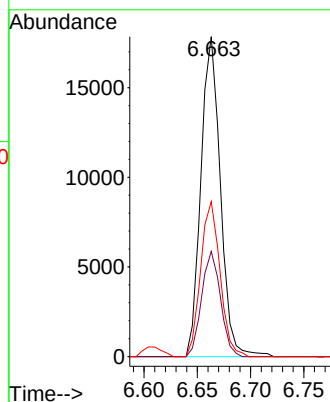
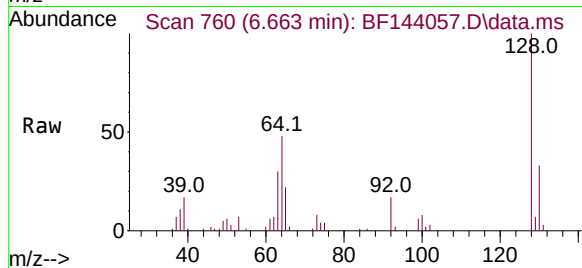




#8
2-Chlorophenol
Concen: 5.615 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

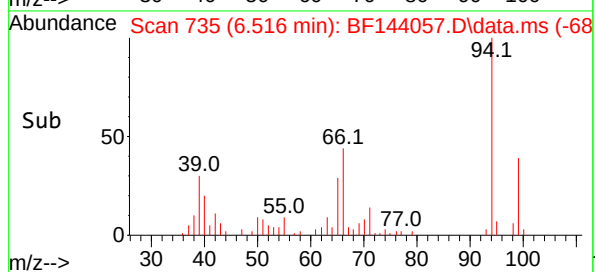
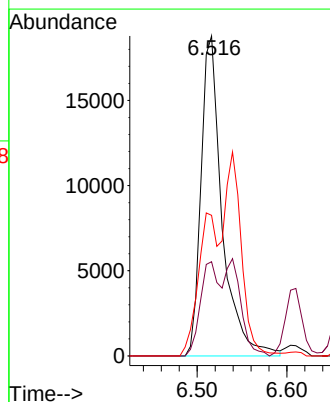
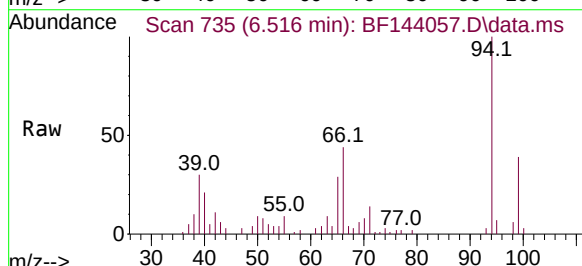
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

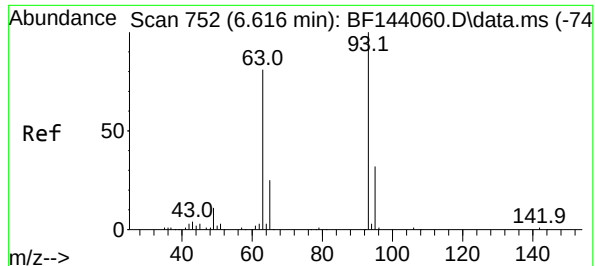
Tgt Ion:128 Resp: 22623
Ion Ratio Lower Upper
128 100
130 32.9 10.7 50.7
64 48.4 34.7 74.7



#10
Phenol
Concen: 5.505 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

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

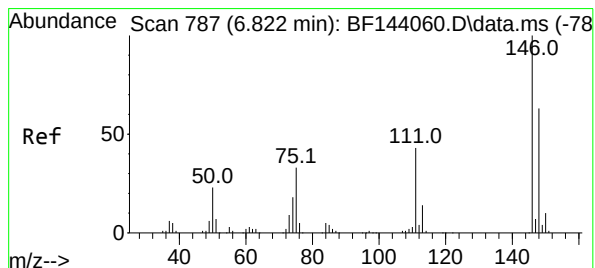
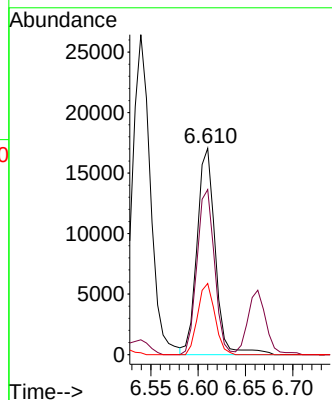
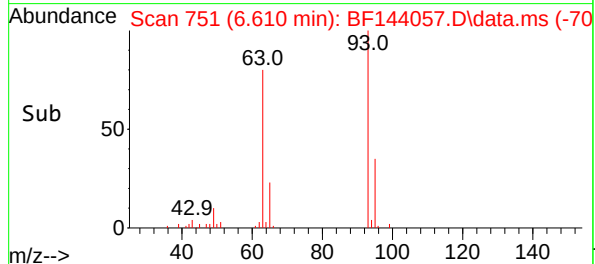
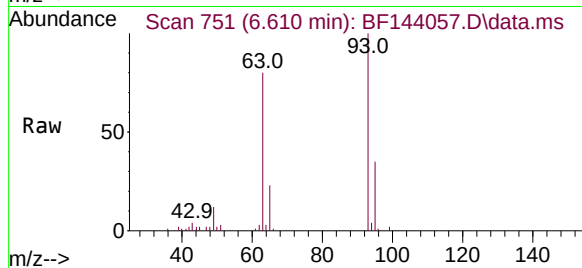




#11
bis(2-Chloroethyl)ether
Concen: 5.650 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

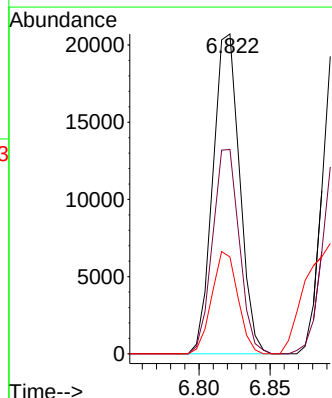
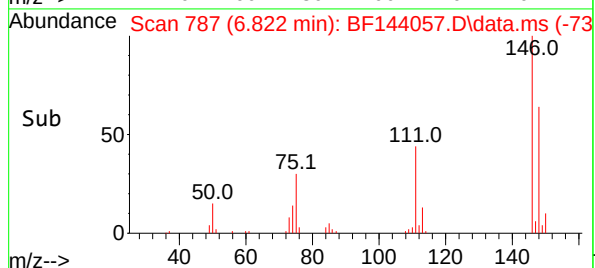
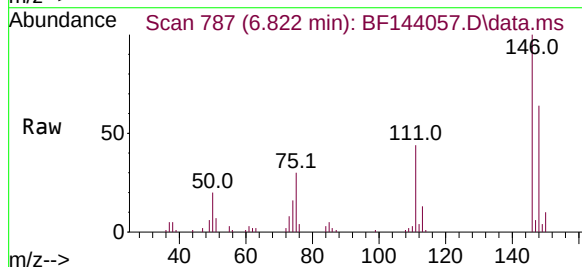
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

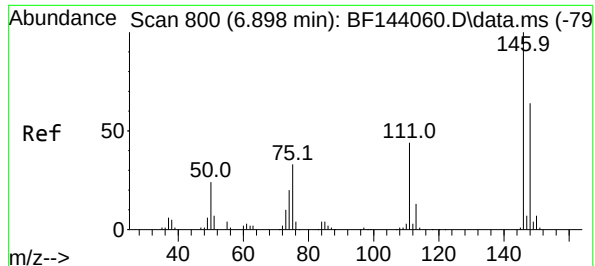
Tgt Ion: 93 Resp: 22757
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 34.5 12.4 52.4



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

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





#13

1,4-Dichlorobenzene

Concen: 5.433 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

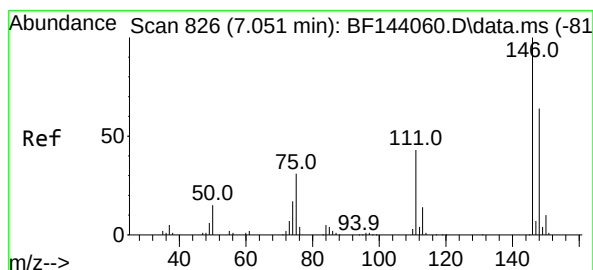
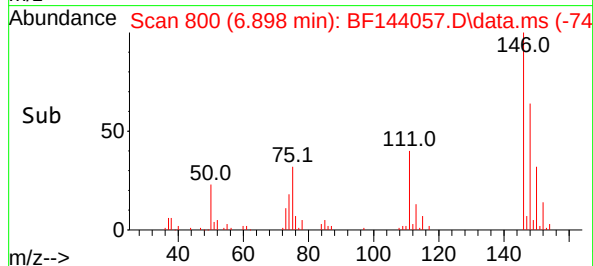
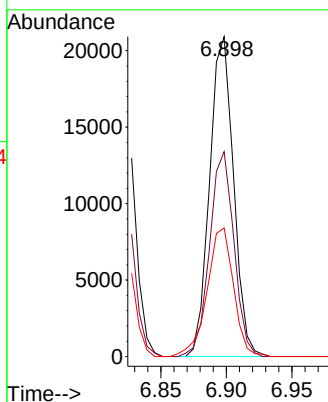
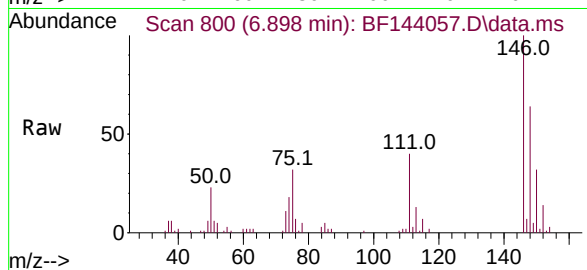
Tgt Ion:146 Resp: 26614

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 40.2 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 5.423 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

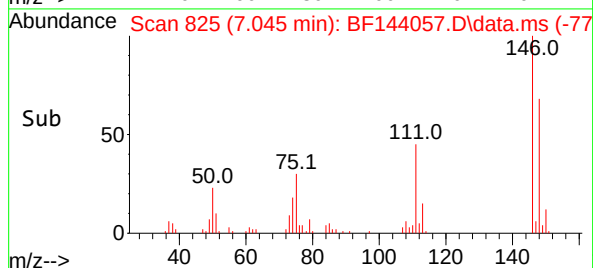
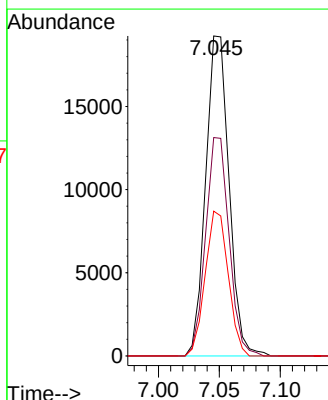
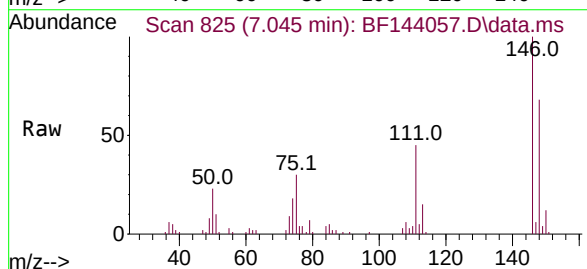
Tgt Ion:146 Resp: 25700

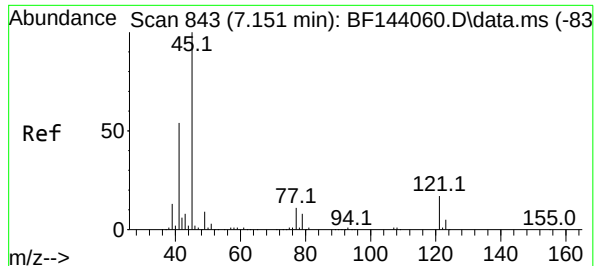
Ion Ratio Lower Upper

146 100

148 68.2 50.8 76.2

111 45.3 34.7 52.1

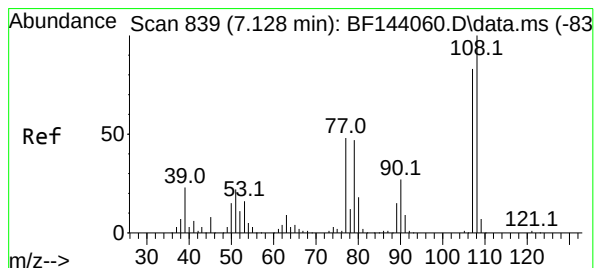
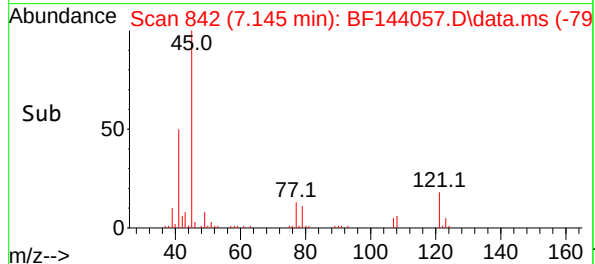
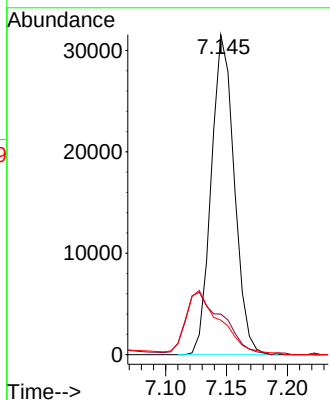
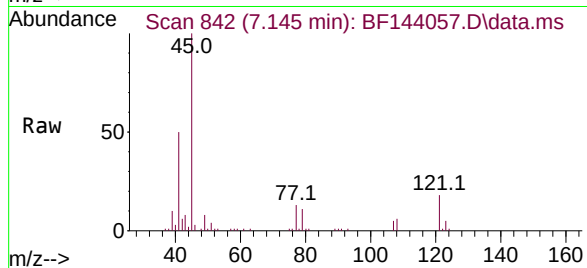




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.474 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

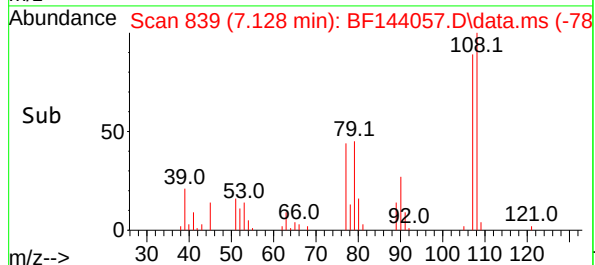
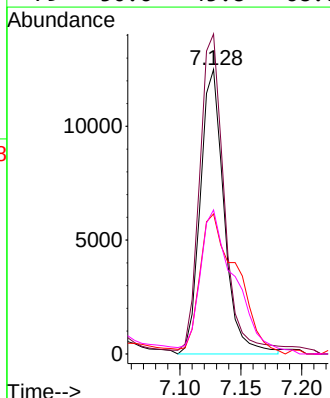
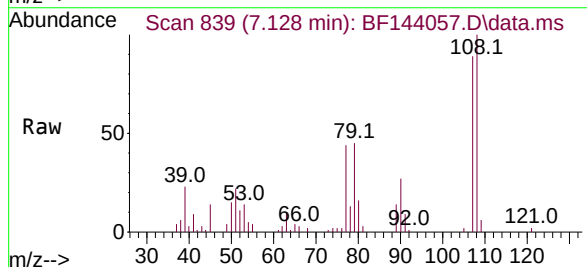
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

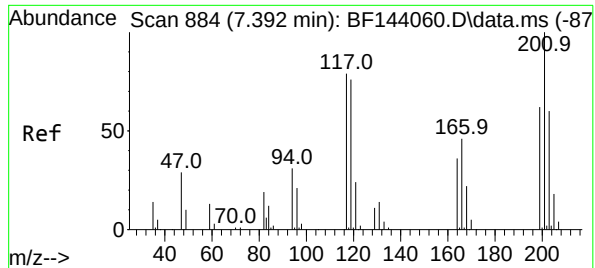
Tgt Ion:	45	Resp:	41443
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	30.9
79	10.8	0.0	28.2



#17
2-Methylphenol
Concen: 5.492 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:	107	Resp:	17019
Ion Ratio	Lower	Upper	
107	100		
108	112.5	96.4	144.6
77	49.2	46.8	70.2
79	50.6	45.8	68.6

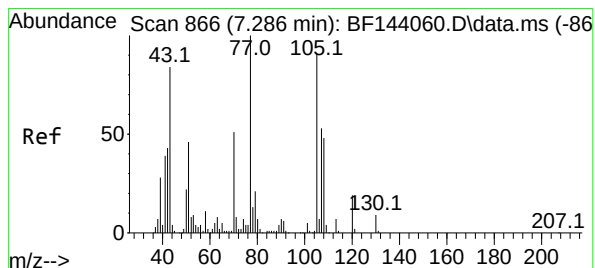
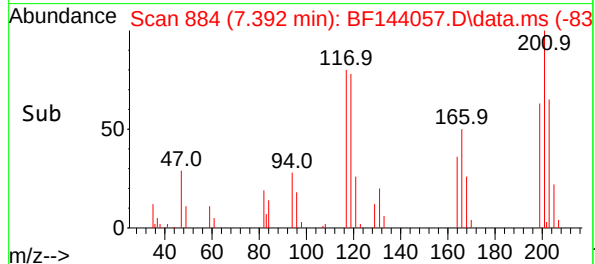
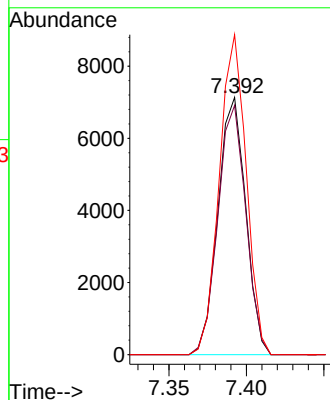
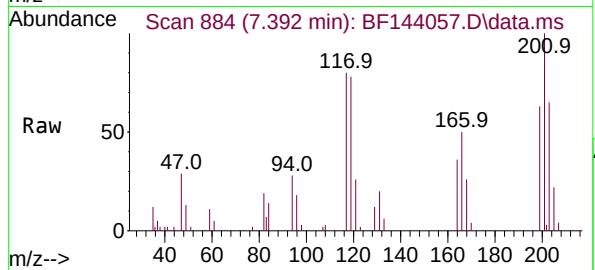




#18
Hexachloroethane
Concen: 5.108 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

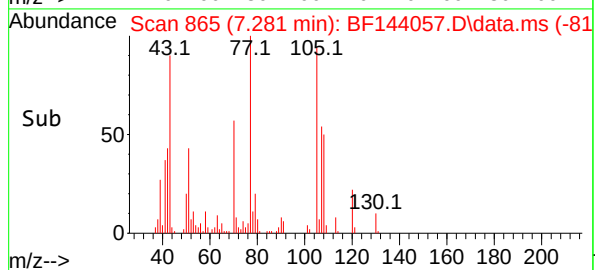
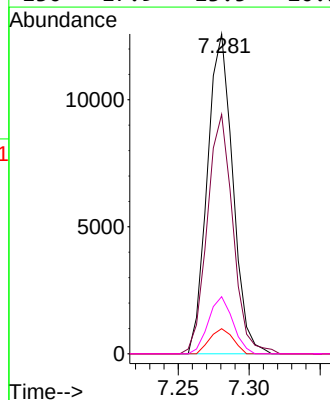
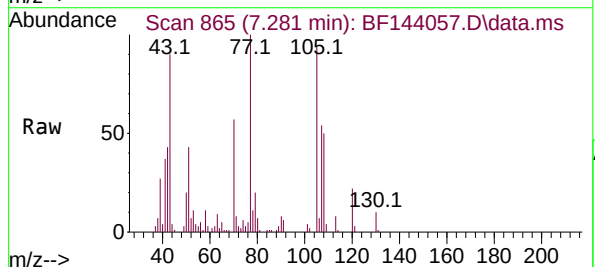
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

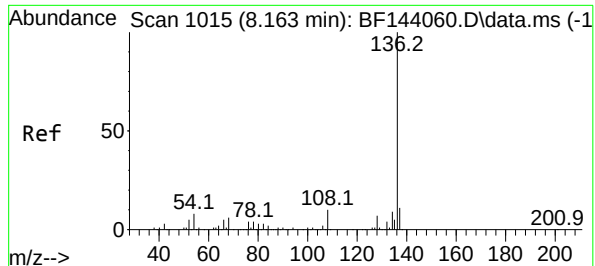
Tgt Ion:117 Resp: 8945
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
201 124.4 100.9 151.3



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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144057.D

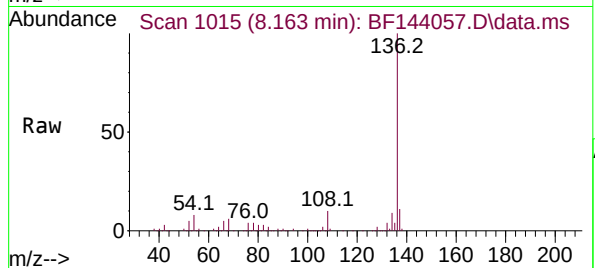
Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 239688

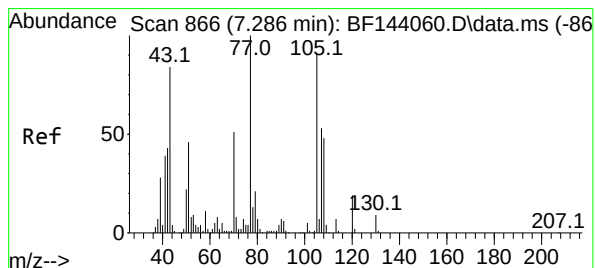
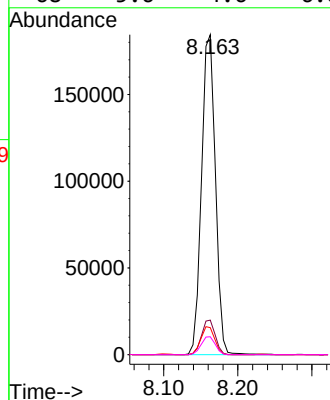
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.4 6.6 9.8

68 5.6 4.6 6.8



#22

Acetophenone

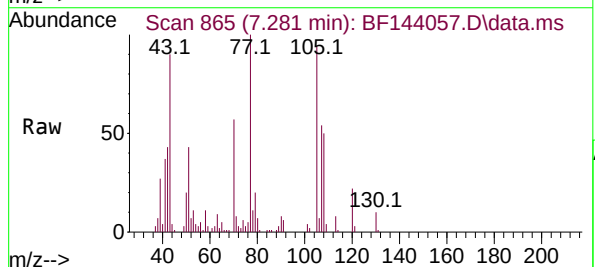
Concen: 5.471 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42



Tgt Ion:105 Resp: 28341

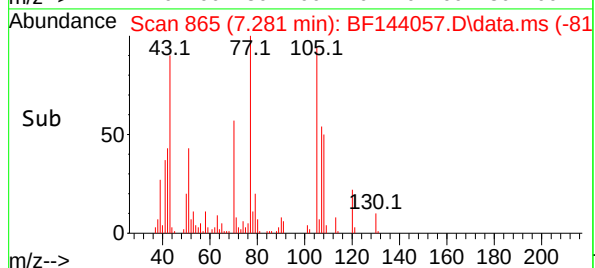
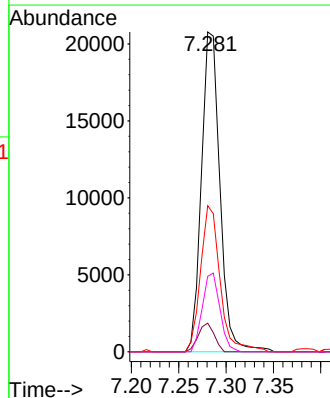
Ion Ratio Lower Upper

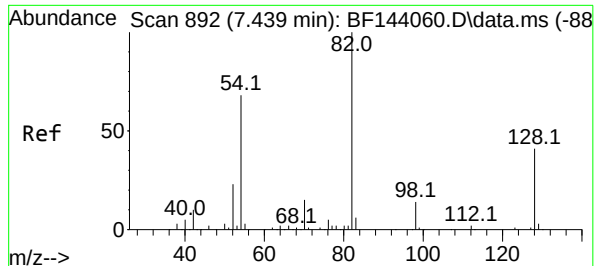
105 100

71 9.0 6.9 10.3

51 45.7 40.6 60.8

120 23.6 16.8 25.2





#23

Nitrobenzene-d5

Concen: 10.317 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

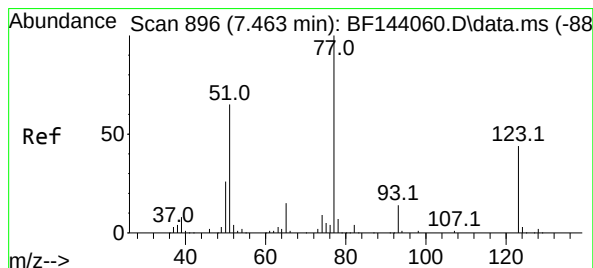
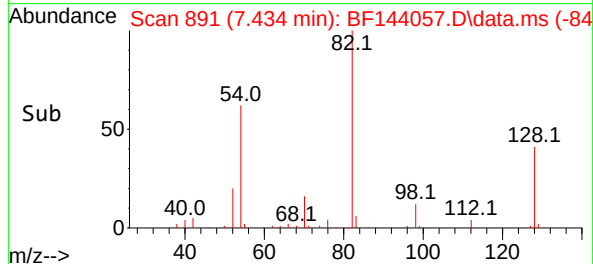
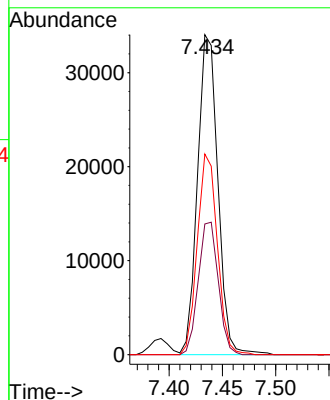
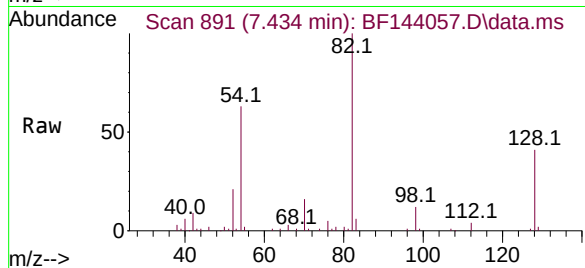
Tgt Ion: 82 Resp: 45136

Ion Ratio Lower Upper

82 100

128 40.9 32.4 48.6

54 62.7 54.0 81.0



#24

Nitrobenzene

Concen: 5.111 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

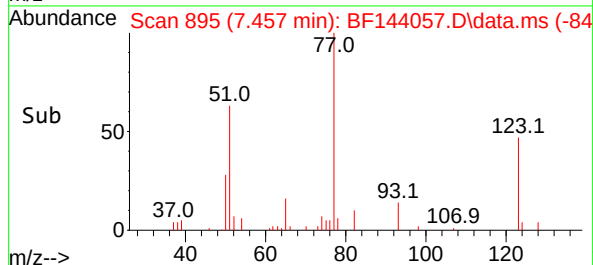
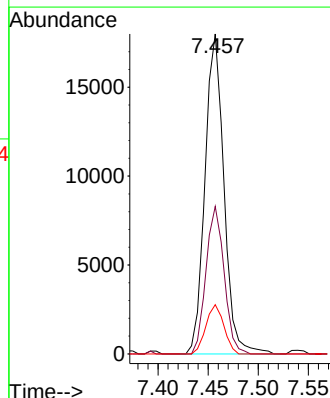
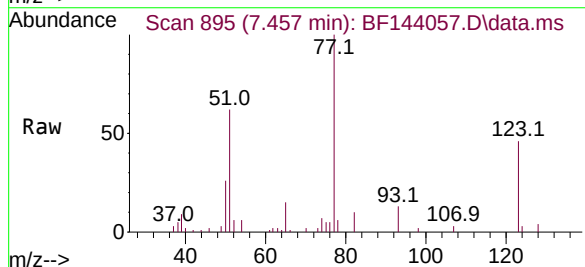
Tgt Ion: 77 Resp: 23655

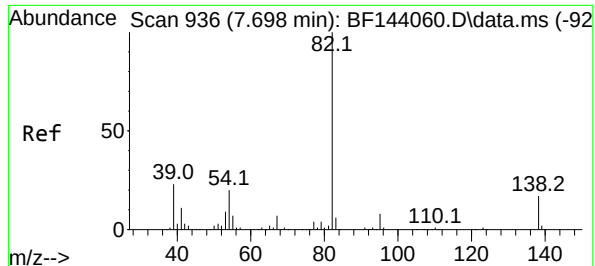
Ion Ratio Lower Upper

77 100

123 46.1 35.0 52.6

65 15.4 12.2 18.2

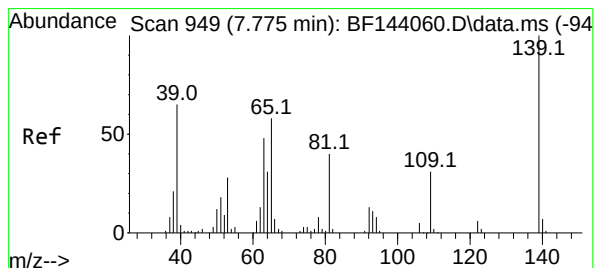
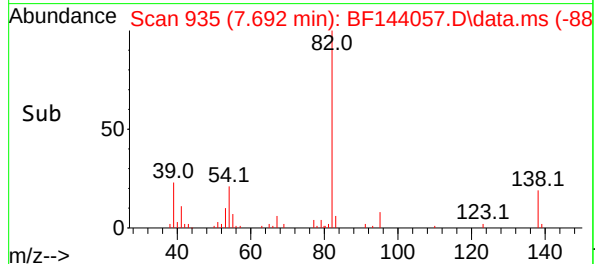
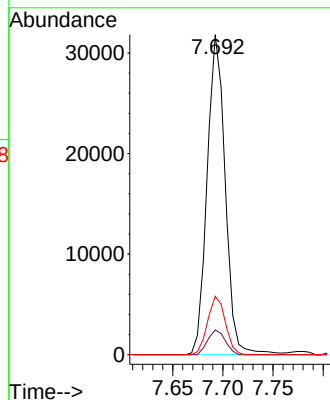
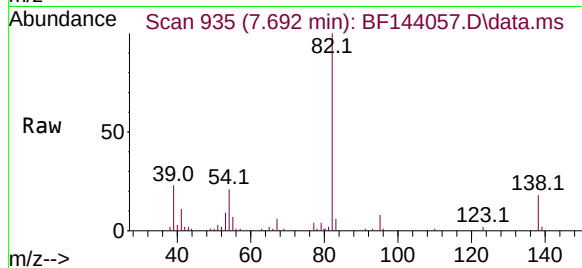




#25
Isophorone
Concen: 5.211 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

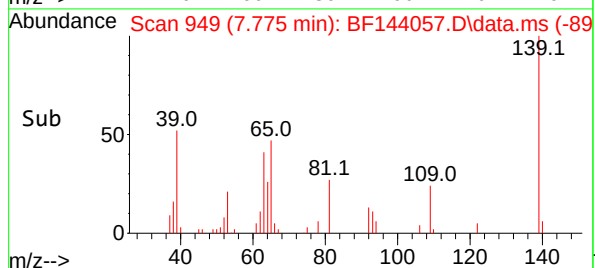
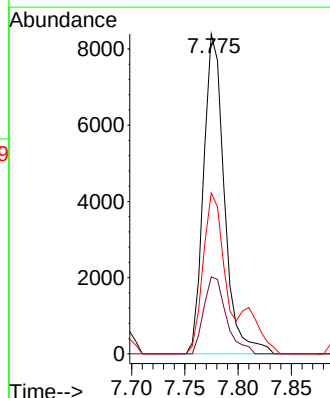
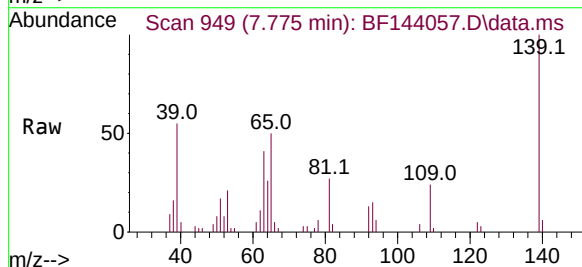
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

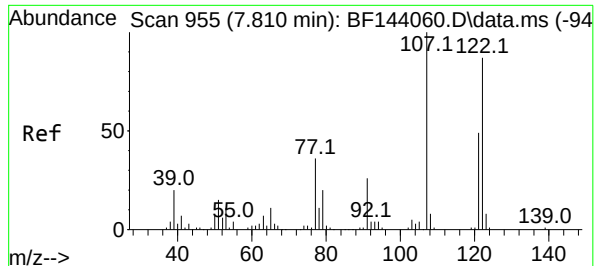
Tgt Ion:	82	Resp:	39860
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	9.8
138	18.2	13.8	20.8



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

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





#27

2,4-Dimethylphenol

Concen: 5.287 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

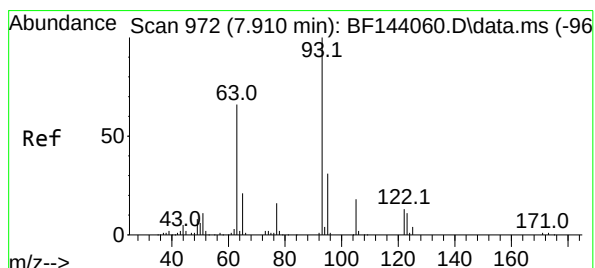
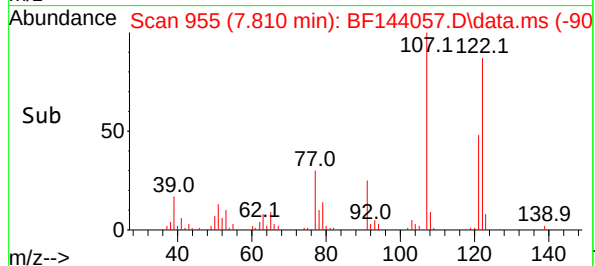
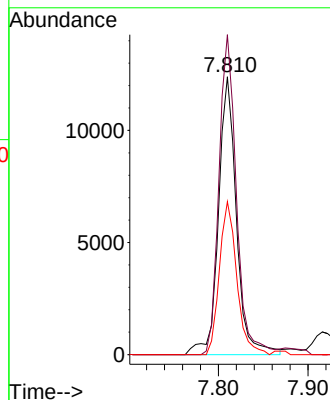
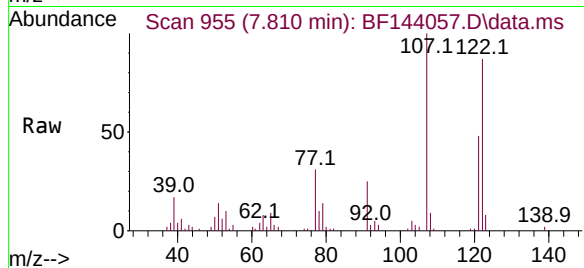
Tgt Ion:122 Resp: 17297

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.8

121 55.0 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.399 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

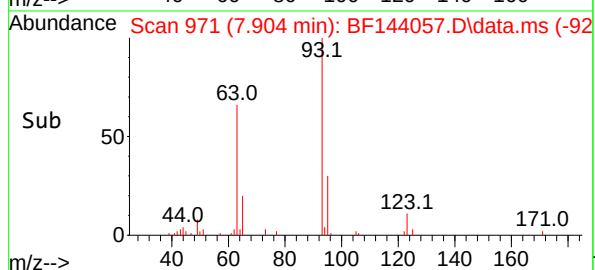
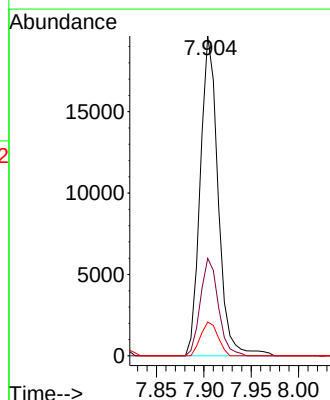
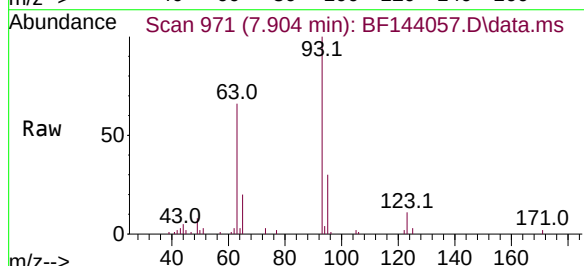
Tgt Ion: 93 Resp: 25751

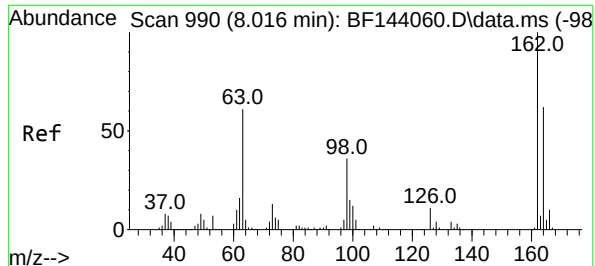
Ion Ratio Lower Upper

93 100

95 30.5 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.259 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144057.D

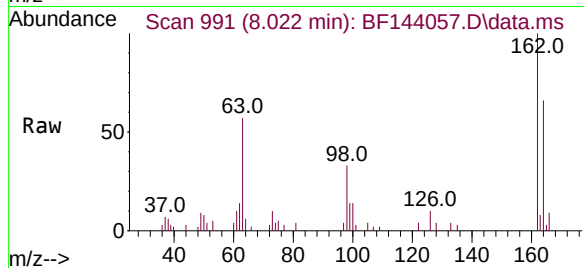
Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



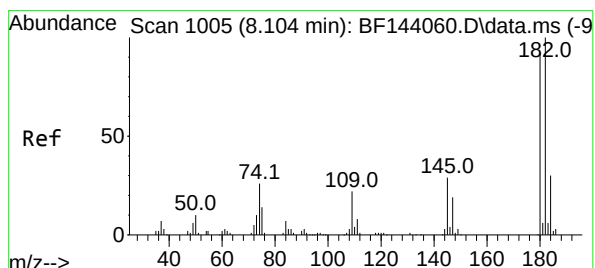
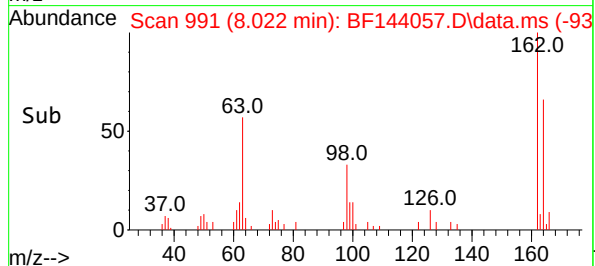
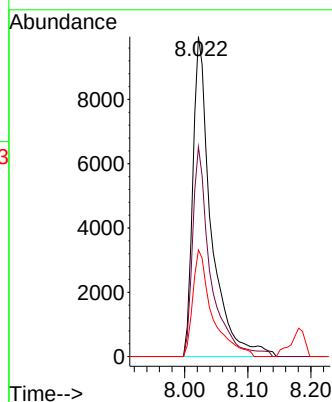
Tgt Ion:162 Resp: 20009

Ion Ratio Lower Upper

162 100

164 65.5 42.1 82.1

98 33.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 5.263 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

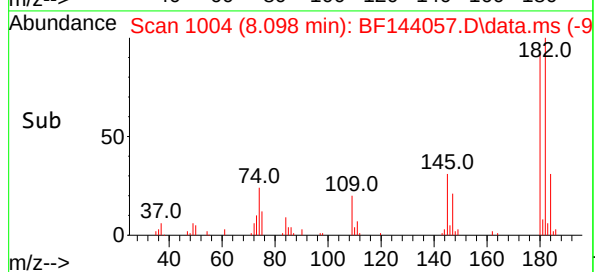
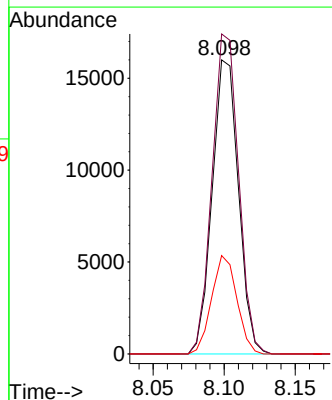
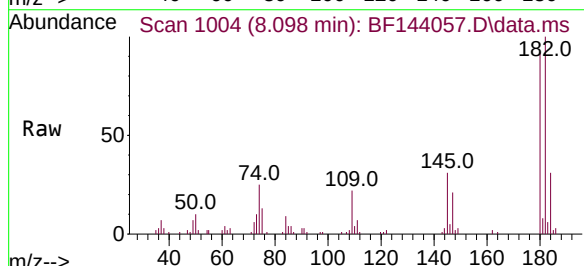
Tgt Ion:180 Resp: 20600

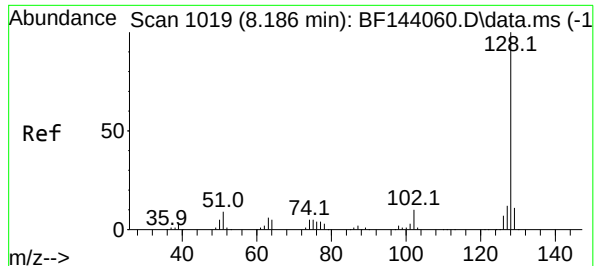
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 33.4 25.3 37.9





#31

Naphthalene

Concen: 5.585 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

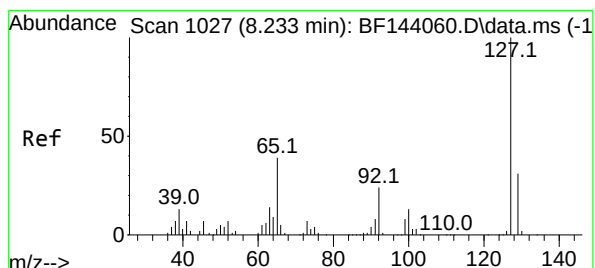
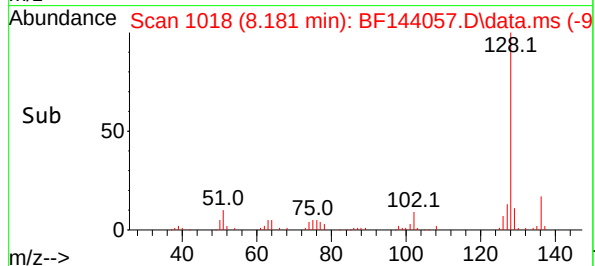
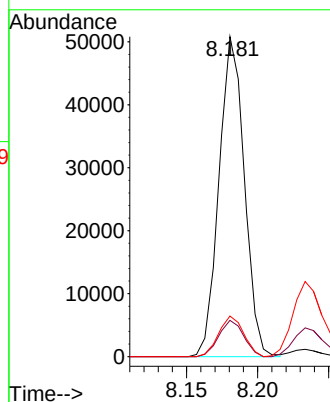
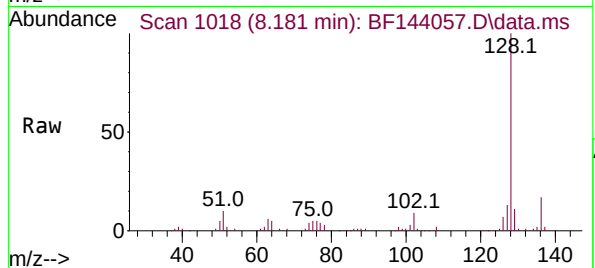
Tgt Ion:128 Resp: 63185

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 12.7 9.9 14.9



#33

4-Chloroaniline

Concen: 5.047 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:127 Resp: 19875

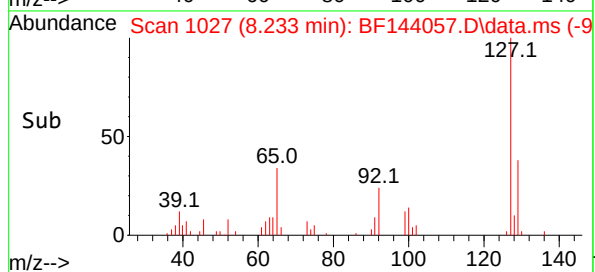
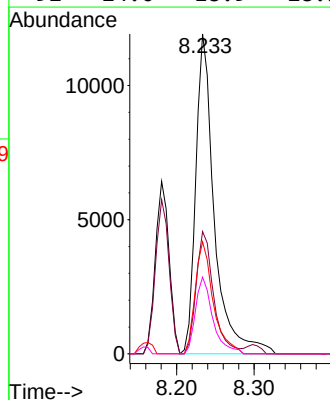
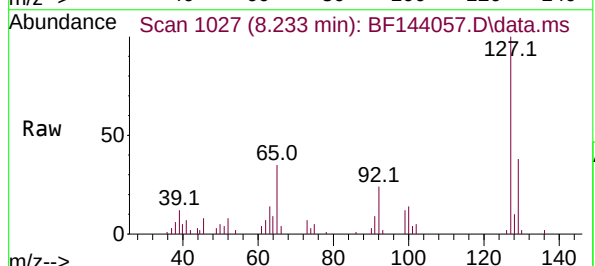
Ion Ratio Lower Upper

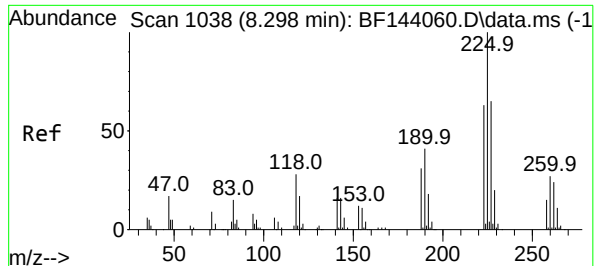
127 100

129 38.2 25.6 38.4

65 35.0 30.9 46.3

92 24.0 18.9 28.3





#34

Hexachlorobutadiene

Concen: 5.218 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

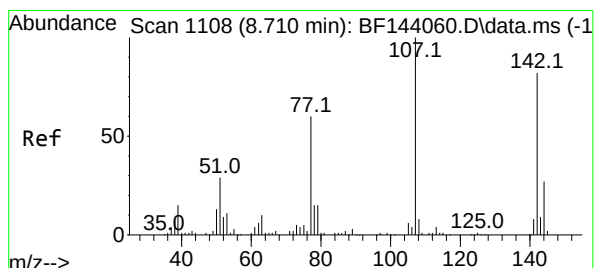
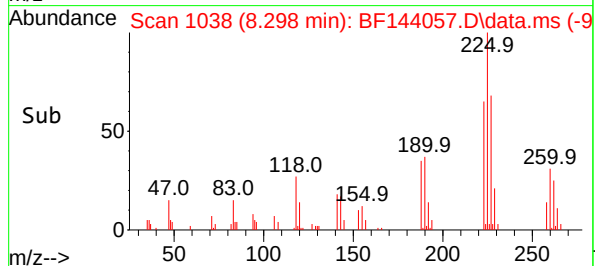
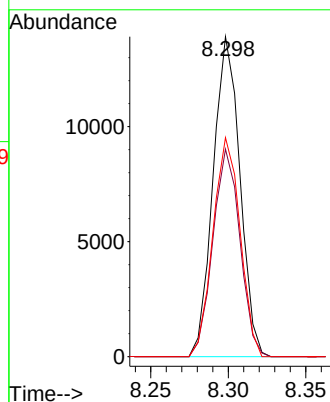
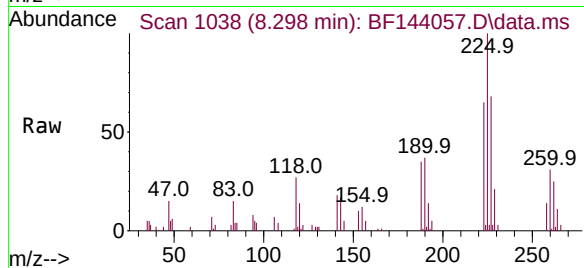
Tgt Ion:225 Resp: 16702

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

227 68.4 51.8 77.8



#36

4-Chloro-3-methylphenol

Concen: 5.384 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

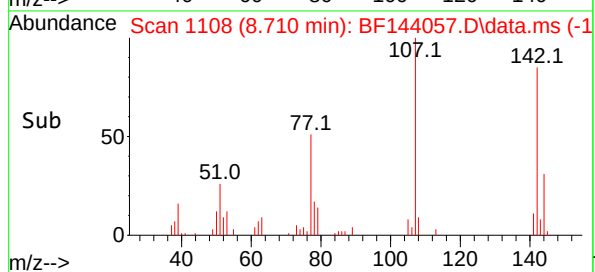
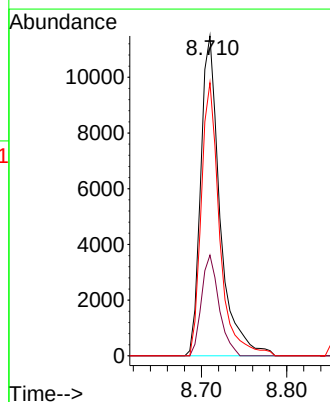
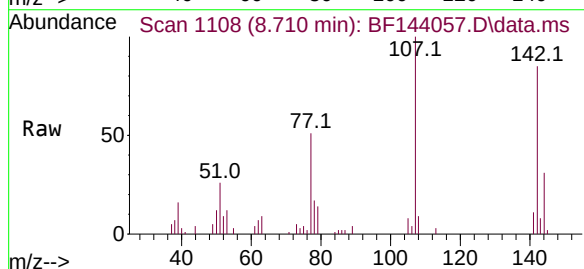
Tgt Ion:107 Resp: 18077

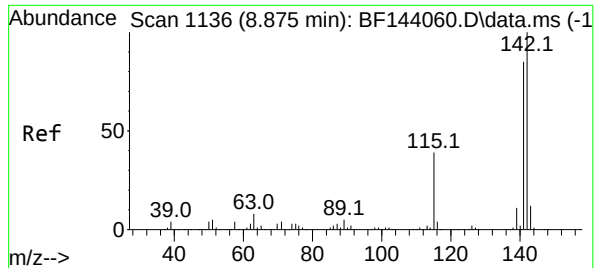
Ion Ratio Lower Upper

107 100

144 31.5 21.6 32.4

142 85.4 65.4 98.0





#37

2-Methylnaphthalene

Concen: 5.766 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

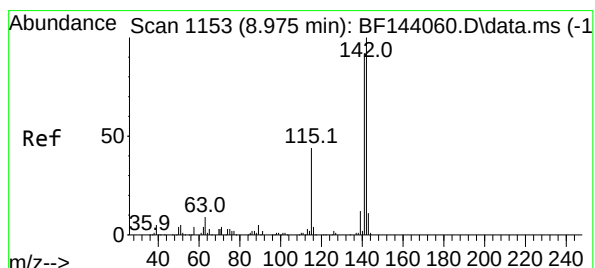
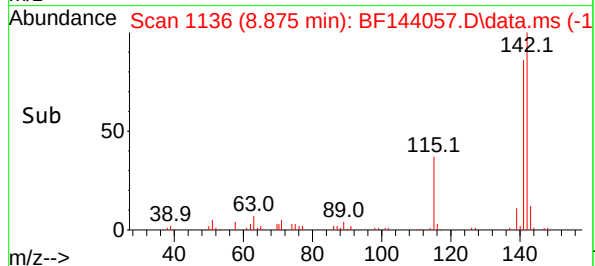
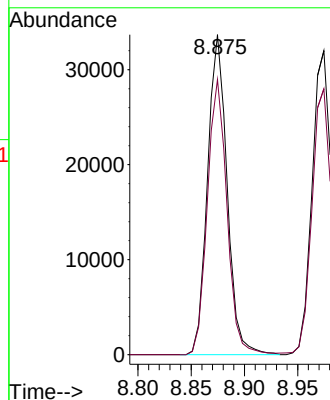
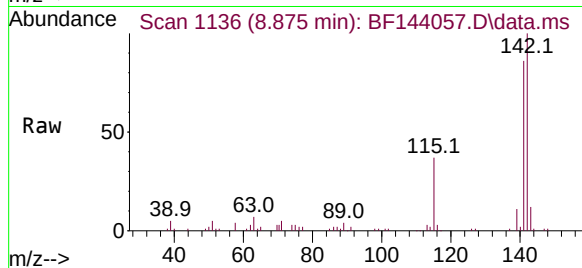
SSTDICC005

Tgt Ion:142 Resp: 43006

Ion Ratio Lower Upper

142 100

141 86.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 5.806 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144057.D

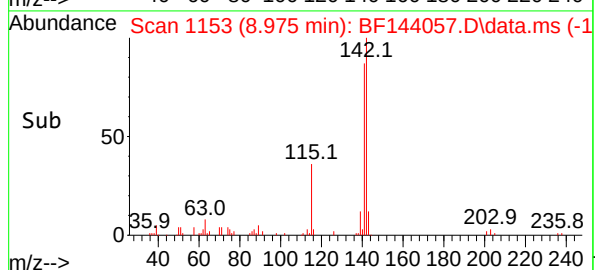
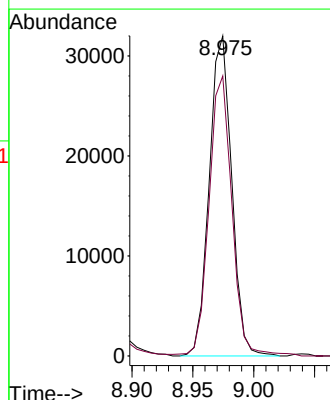
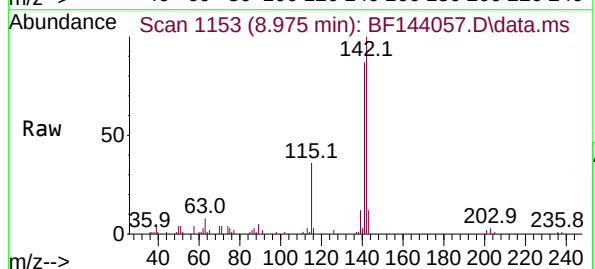
Acq: 24 Oct 2025 10:42

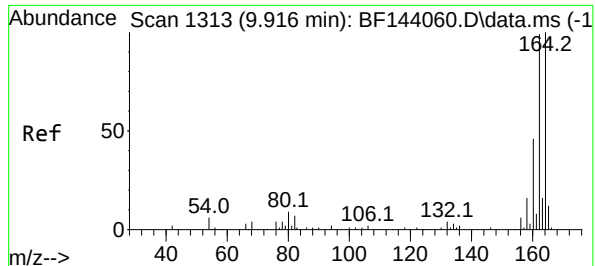
Tgt Ion:142 Resp: 41029

Ion Ratio Lower Upper

142 100

141 87.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

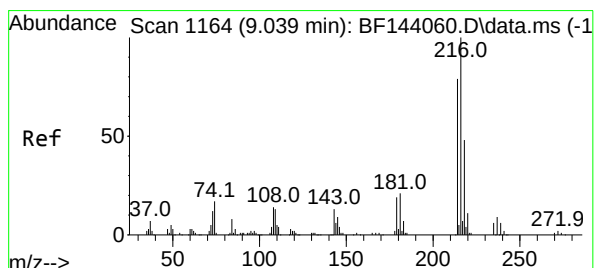
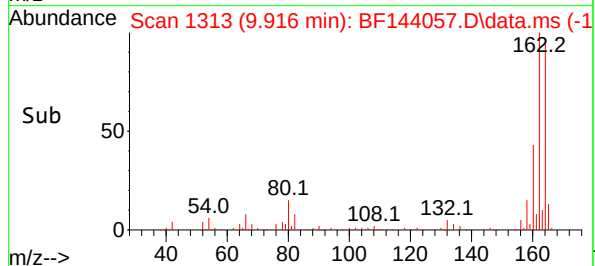
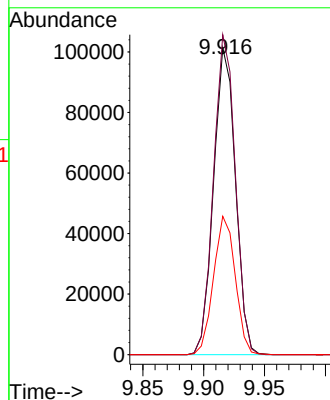
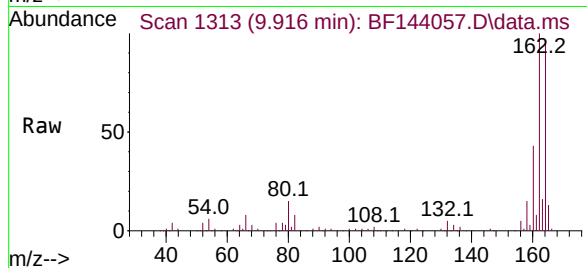
Tgt Ion:164 Resp: 127182

Ion Ratio Lower Upper

164 100

162 104.2 79.4 119.2

160 45.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.651 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:216 Resp: 24701

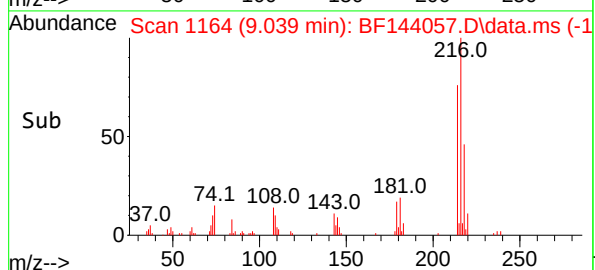
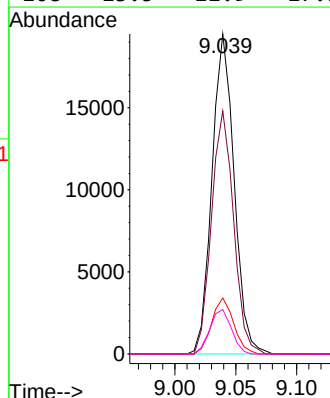
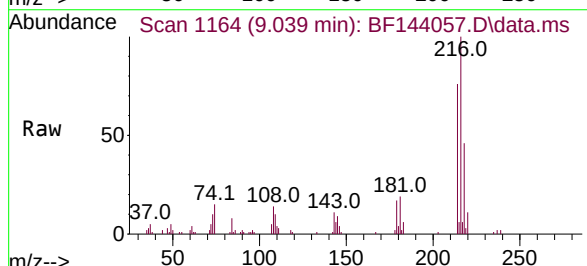
Ion Ratio Lower Upper

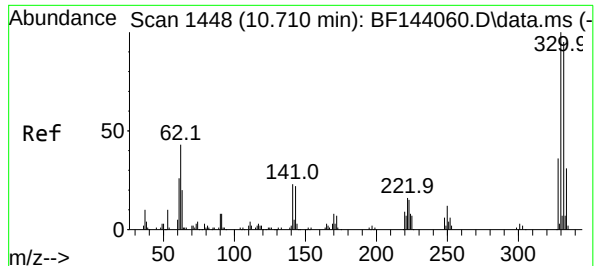
216 100

214 75.6 63.2 94.8

179 17.3 15.2 22.8

108 13.5 11.9 17.9





#42

2,4,6-Tribromophenol

Concen: 9.848 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

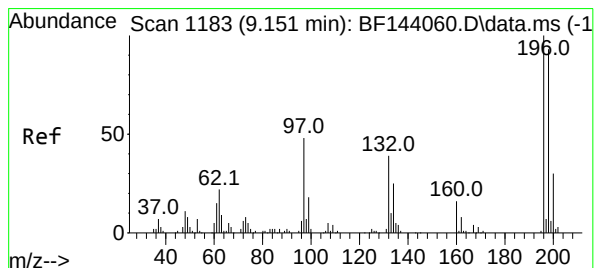
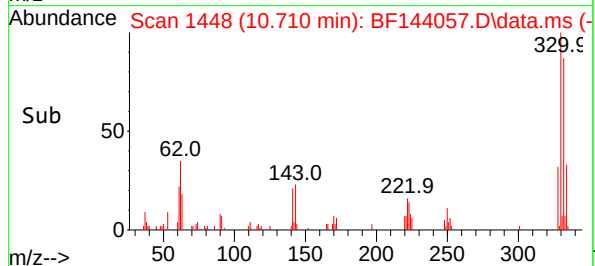
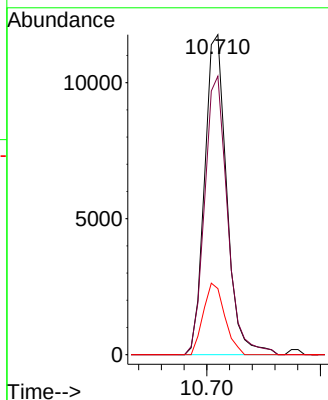
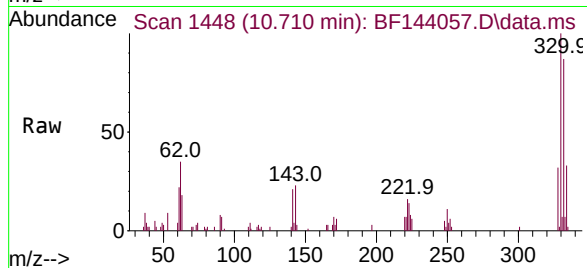
Tgt Ion:330 Resp: 15954

Ion Ratio Lower Upper

330 100

332 89.7 77.0 115.6

141 21.6 19.4 29.0



#43

2,4,6-Trichlorophenol

Concen: 4.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

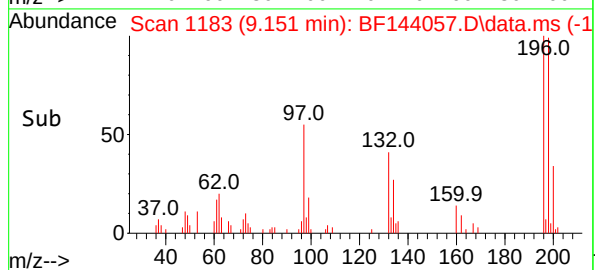
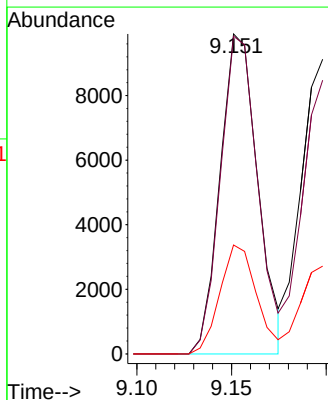
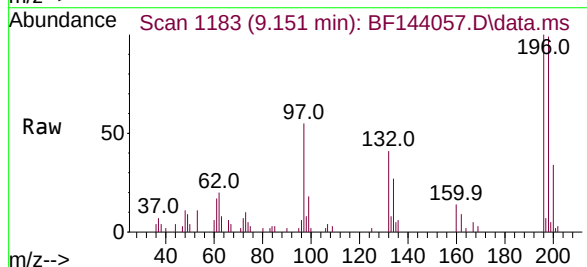
Tgt Ion:196 Resp: 13673

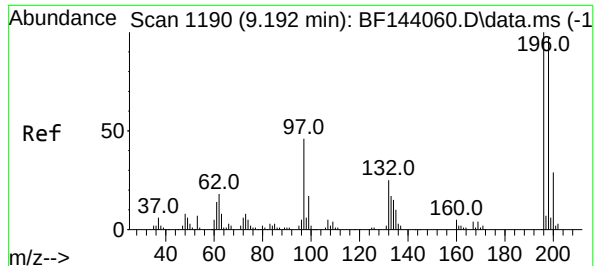
Ion Ratio Lower Upper

196 100

198 99.3 74.4 111.6

200 34.0 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 5.208 ng

RT: 9.198 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 15530

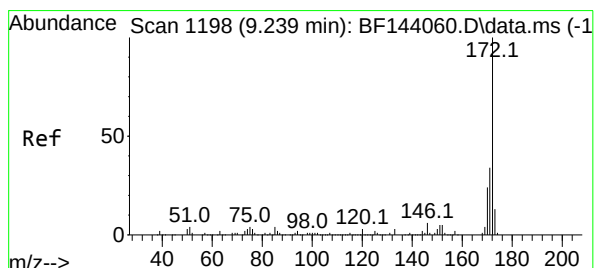
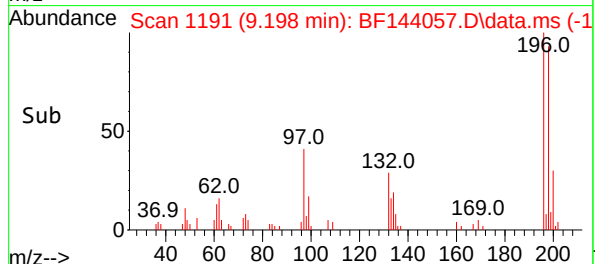
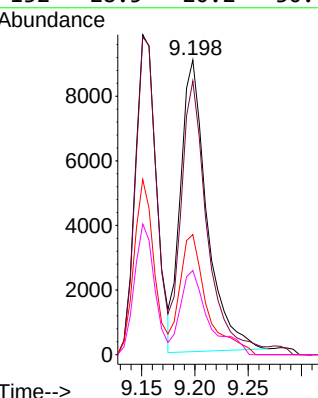
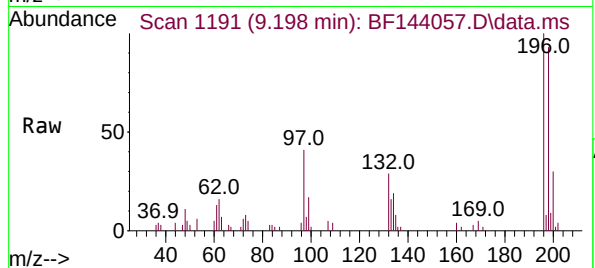
Ion Ratio Lower Upper

196 100

198 92.9 78.0 117.0

97 40.7 37.7 56.5

132 28.5 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 11.641 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

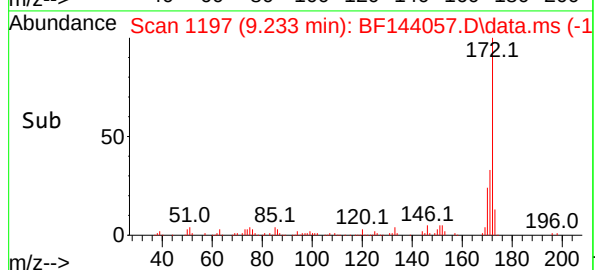
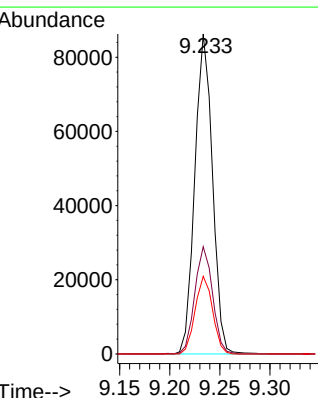
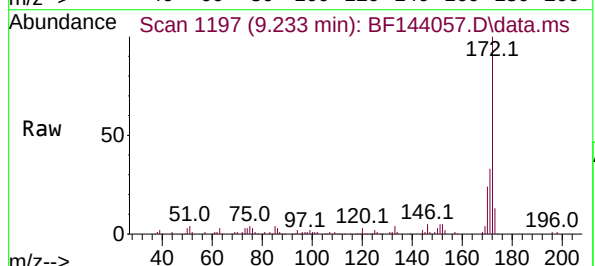
Tgt Ion:172 Resp: 105210

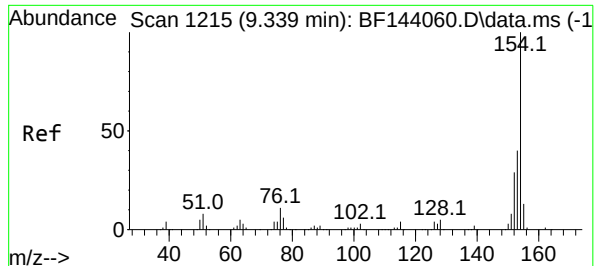
Ion Ratio Lower Upper

172 100

171 33.5 27.5 41.3

170 24.2 19.0 28.6

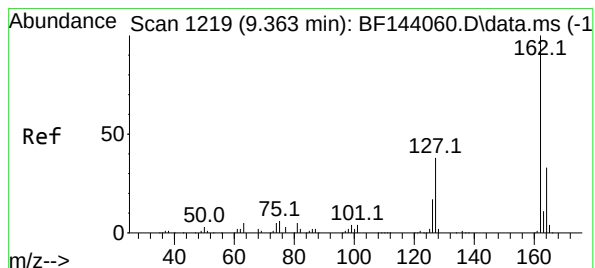
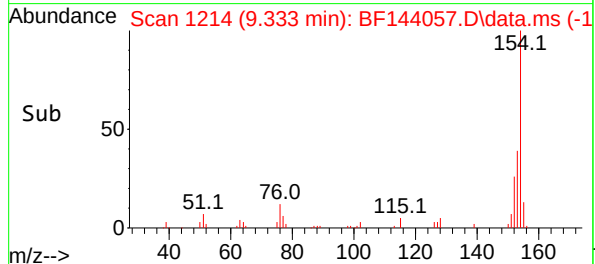
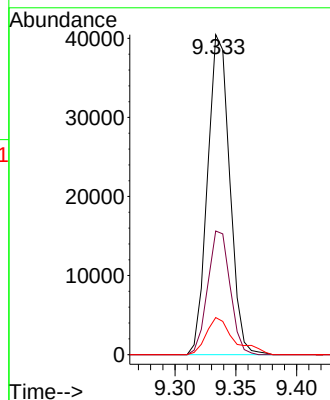
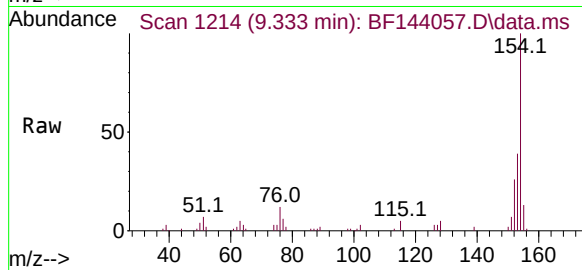




#46
1,1'-Biphenyl
Concen: 5.635 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

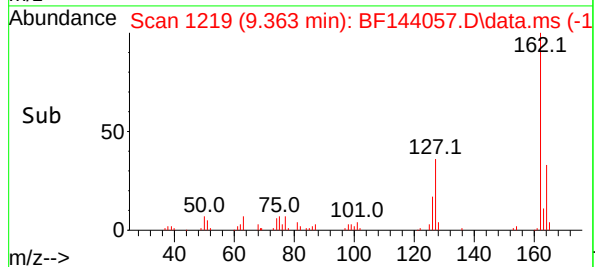
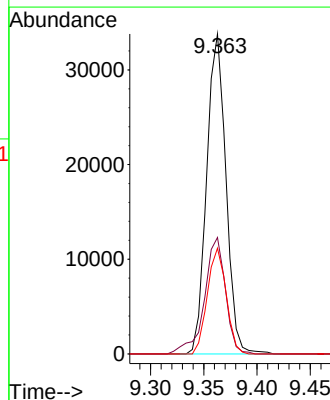
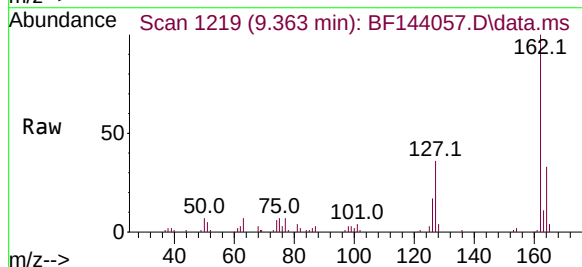
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

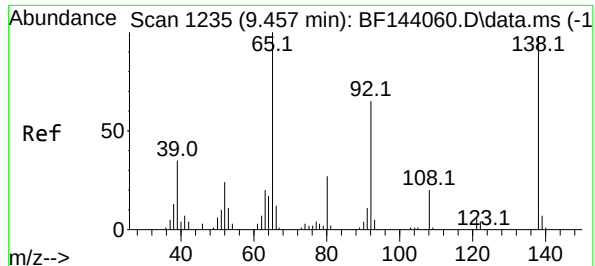
Tgt Ion:154 Resp: 51299
Ion Ratio Lower Upper
154 100
153 38.6 19.7 59.7
76 11.6 0.0 31.1



#47
2-Chloronaphthalene
Concen: 5.571 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:162 Resp: 42492
Ion Ratio Lower Upper
162 100
127 36.4 31.6 47.4
164 33.0 26.5 39.7

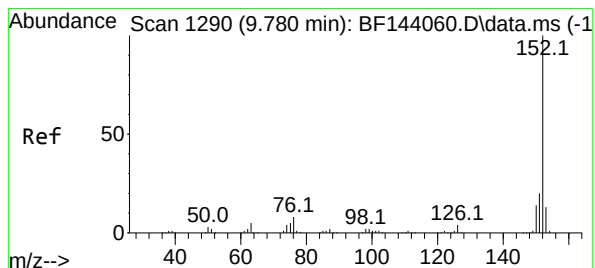
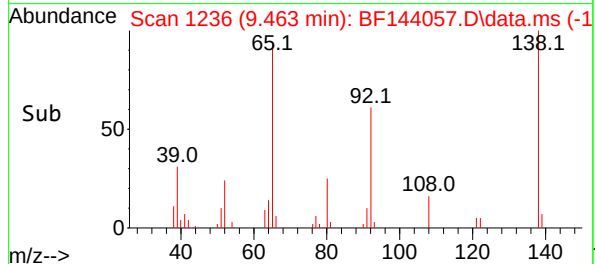
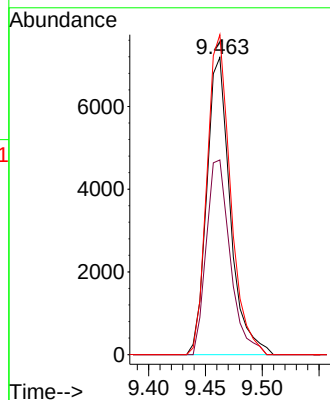
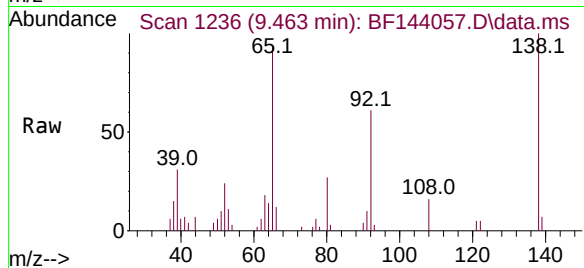




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

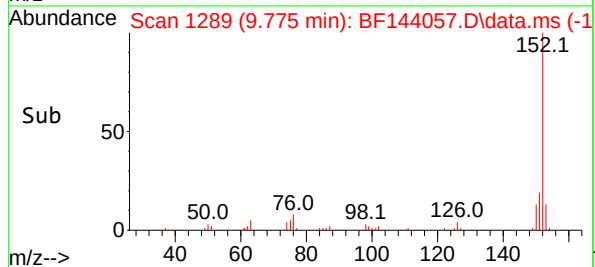
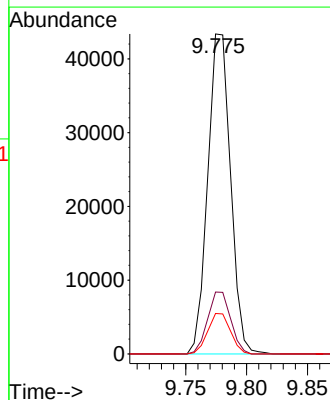
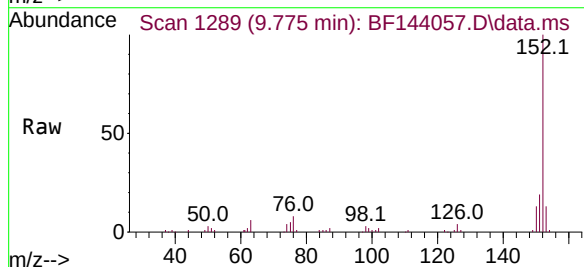
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

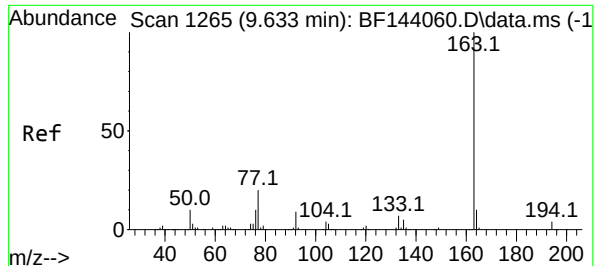
Tgt Ion:	65	Resp:	10347
Ion Ratio	Lower	Upper	
65	100		
92	65.5	52.3	78.5
138	107.7	78.3	117.5



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

Tgt Ion:	152	Resp:	56586
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.9	23.9
153	12.6	10.4	15.6

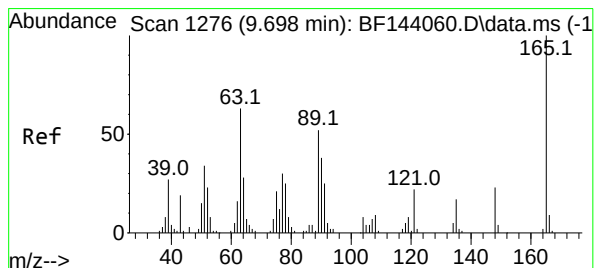
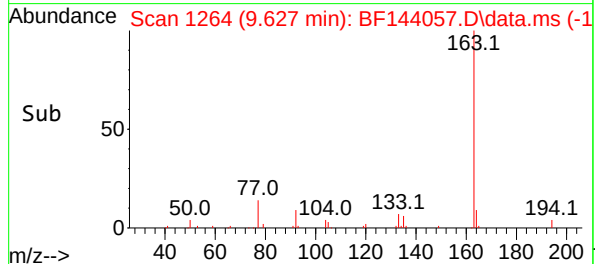
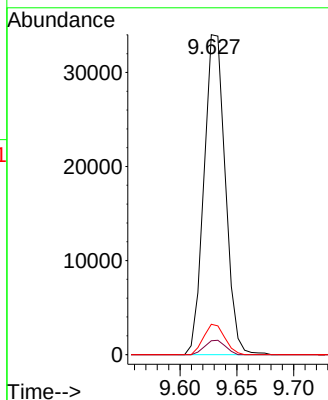
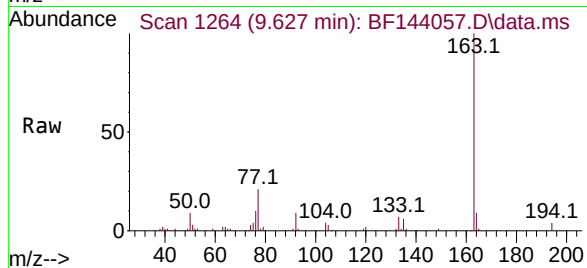




#50
Dimethylphthalate
Concen: 5.332 ng
RT: 9.627 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

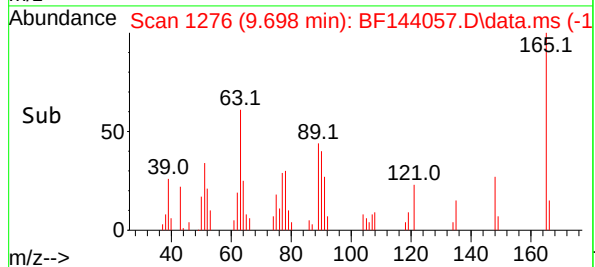
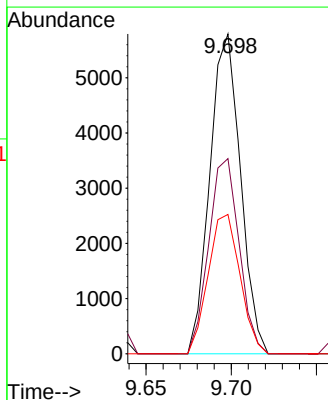
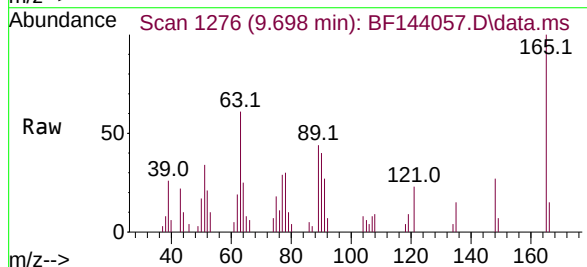
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

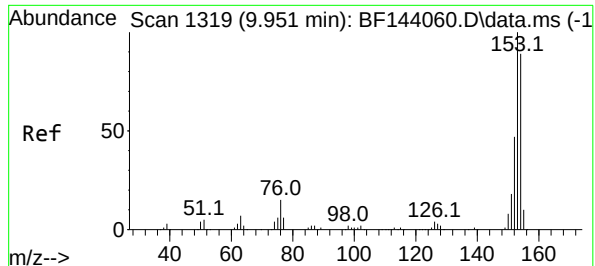
Tgt Ion:163 Resp: 44452
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.5 7.8 11.8



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

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





#52

Acenaphthene

Concen: 5.208 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

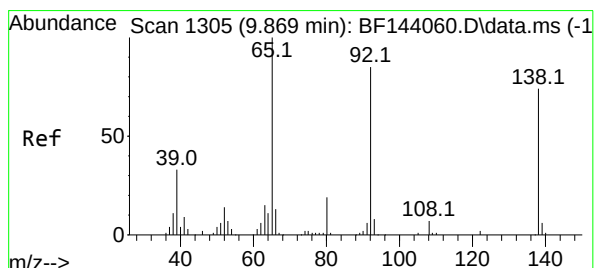
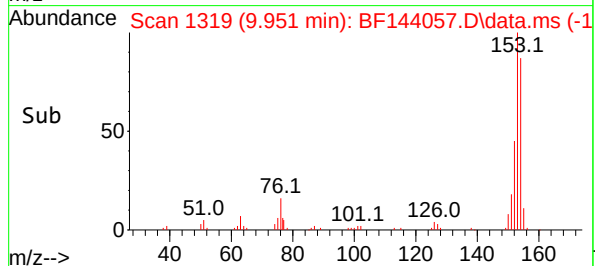
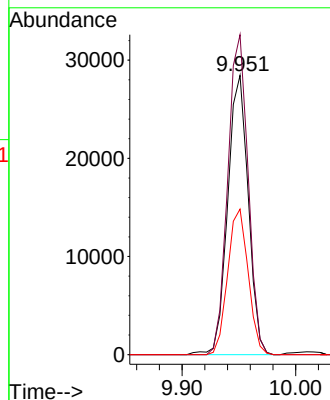
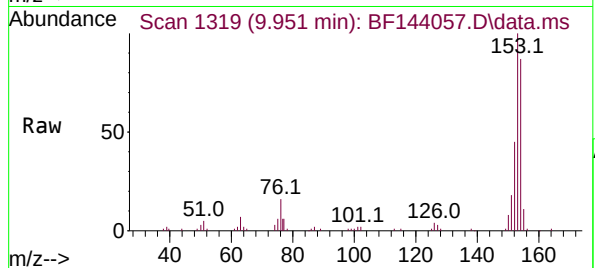
Tgt Ion:154 Resp: 35769

Ion Ratio Lower Upper

154 100

153 114.6 89.9 134.9

152 52.1 42.0 63.0



#53

3-Nitroaniline

Concen: 4.792 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

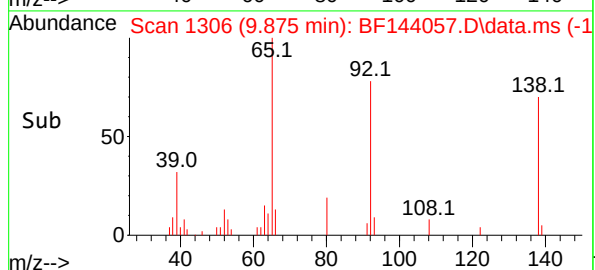
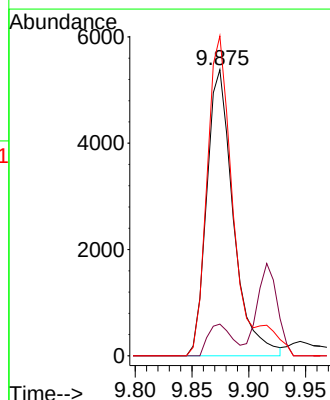
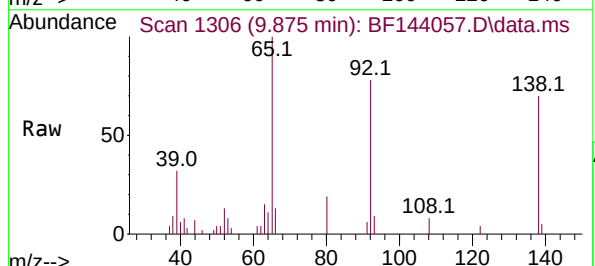
Tgt Ion:138 Resp: 8780

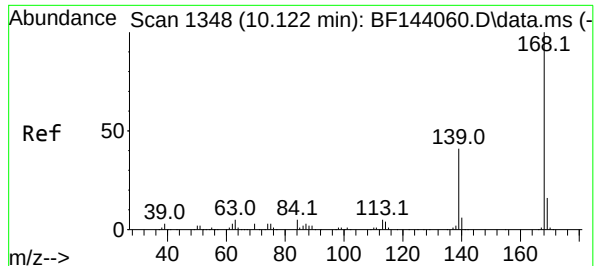
Ion Ratio Lower Upper

138 100

108 11.1 7.9 11.9

92 111.8 92.0 138.0





#55

Dibenzofuran

Concen: 5.620 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

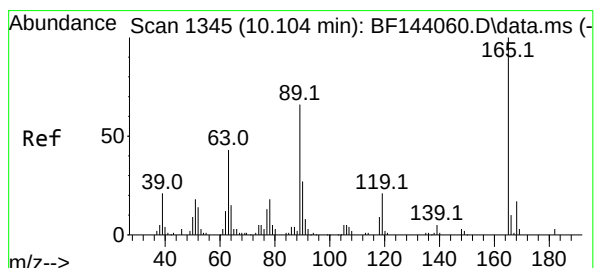
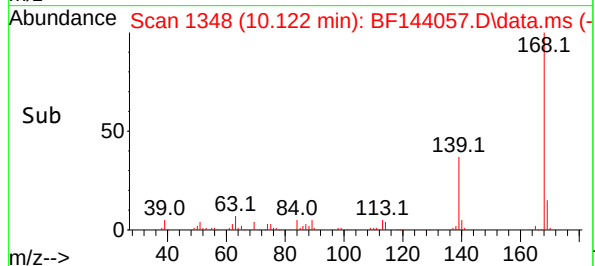
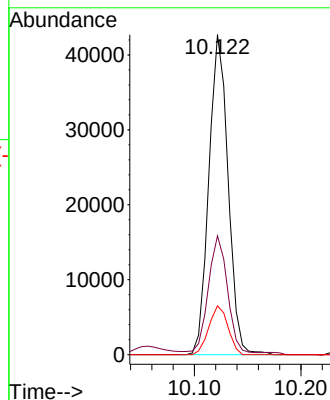
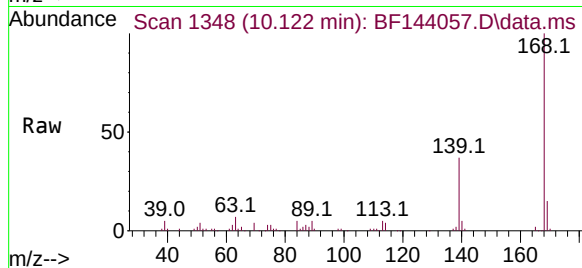
Tgt Ion:168 Resp: 53591

Ion Ratio Lower Upper

168 100

139 37.1 33.2 49.8

169 15.2 12.6 19.0



#57

2,4-Dinitrotoluene

Concen: 4.312 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:165 Resp: 9591

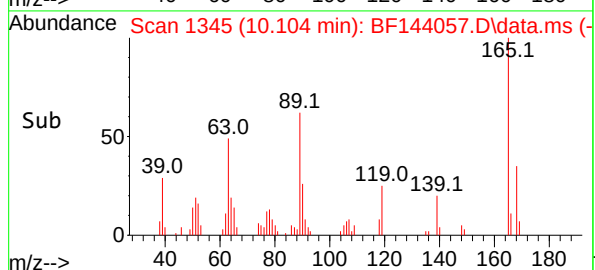
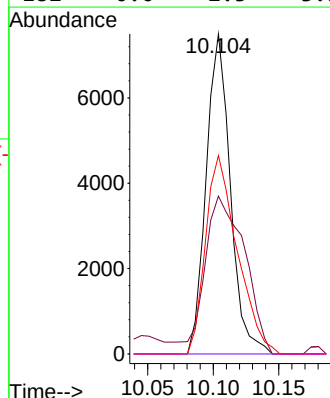
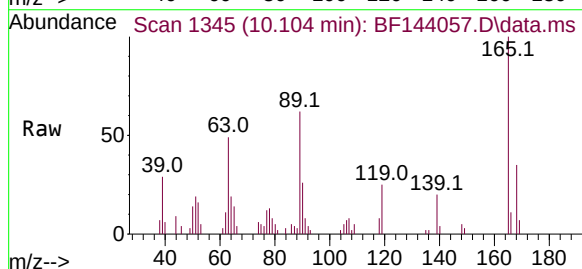
Ion Ratio Lower Upper

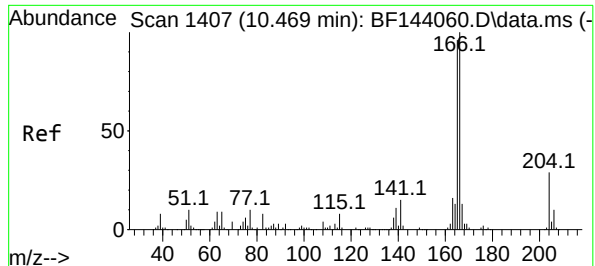
165 100

63 49.3 35.4 53.2

89 62.0 52.7 79.1

182 0.0 2.3 3.5#

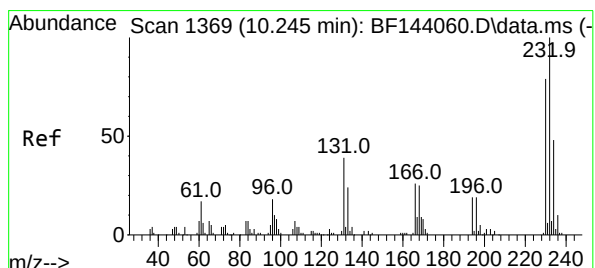
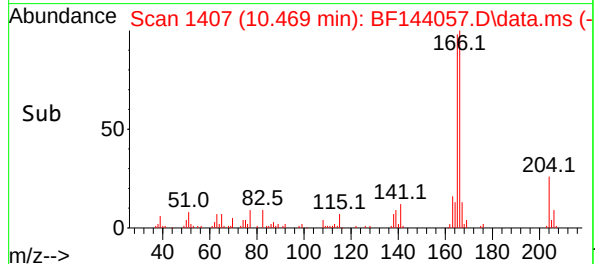
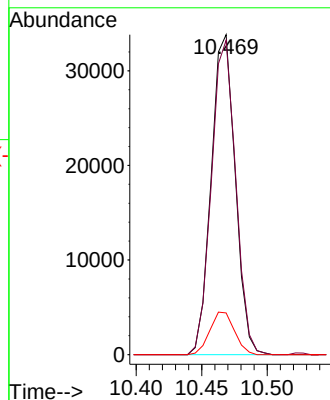
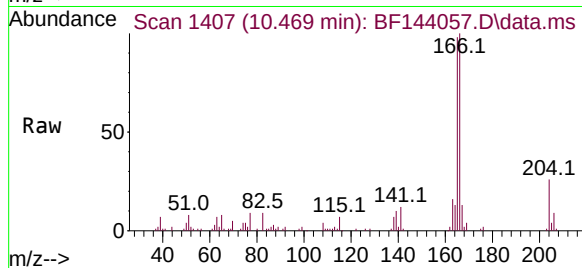




#58
Fluorene
Concen: 5.948 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

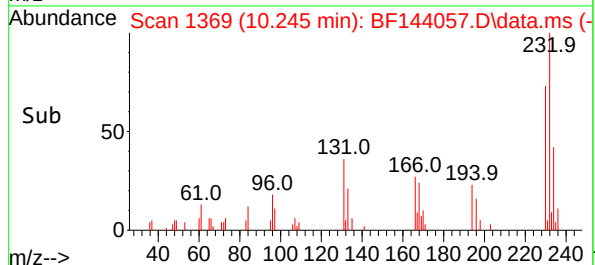
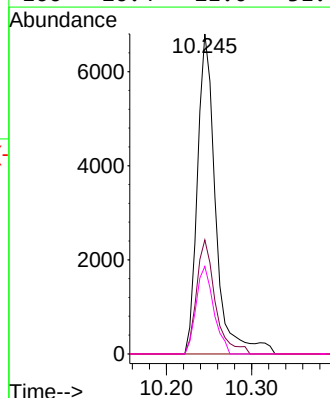
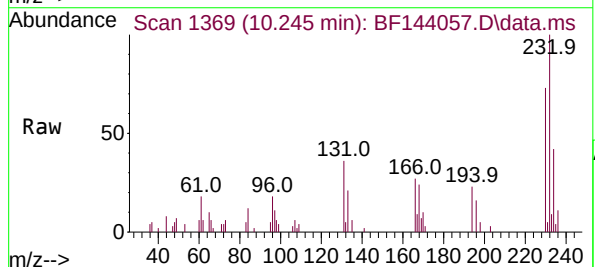
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

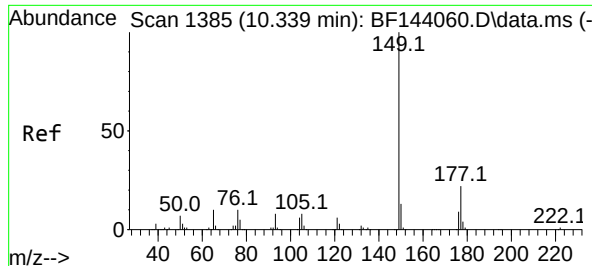
Tgt Ion:	166	Resp:	43217
Ion Ratio	Lower	Upper	
166	100		
165	98.3	77.0	115.4
167	13.0	10.2	15.4



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

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





#60

Diethylphthalate

Concen: 5.215 ng

RT: 10.333 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

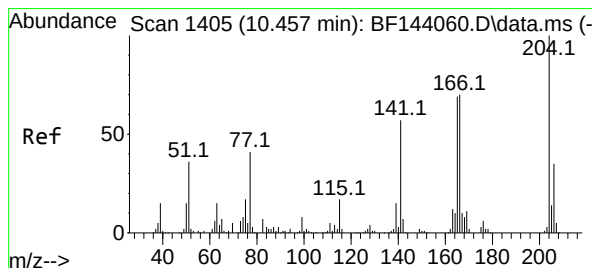
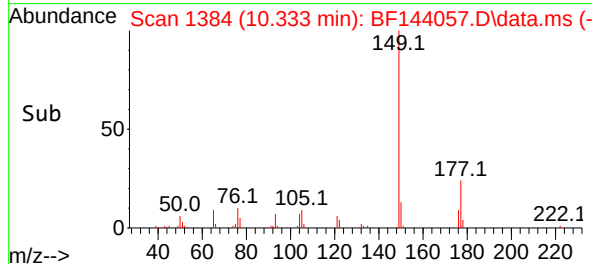
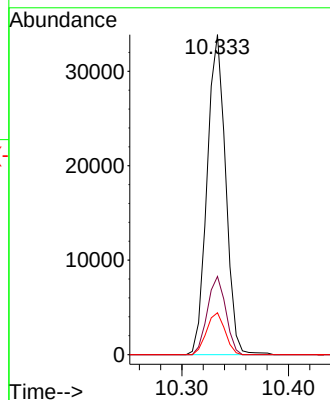
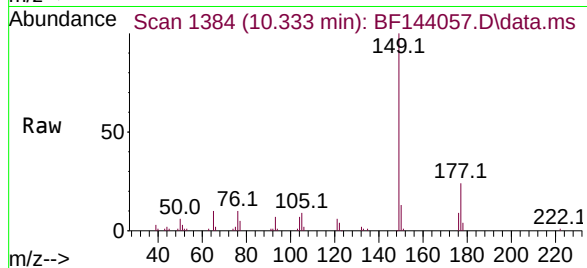
Tgt Ion:149 Resp: 40882

Ion Ratio Lower Upper

149 100

177 24.4 17.8 26.6

150 13.1 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 5.491 ng

RT: 10.457 min Scan# 1405

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

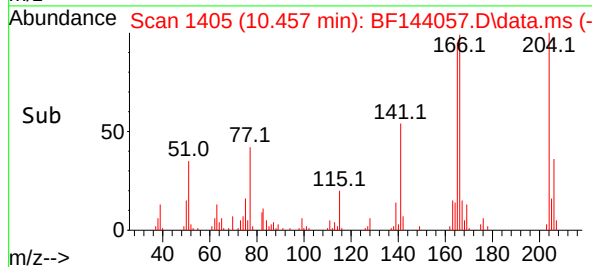
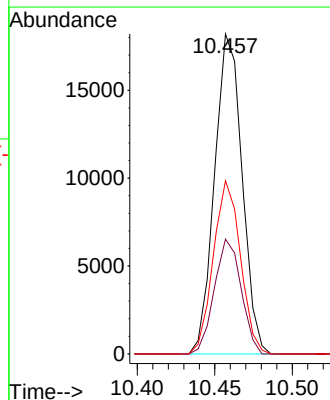
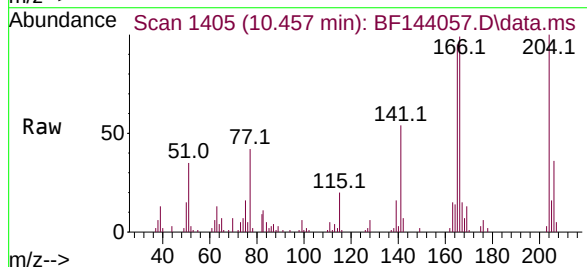
Tgt Ion:204 Resp: 22434

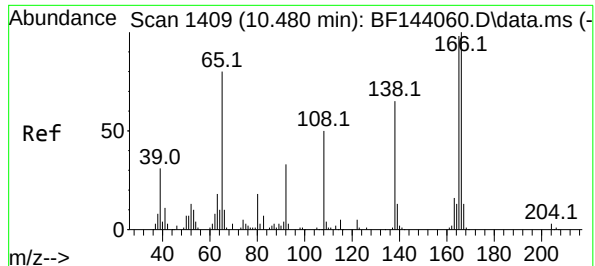
Ion Ratio Lower Upper

204 100

206 35.9 27.8 41.6

141 54.1 45.4 68.2

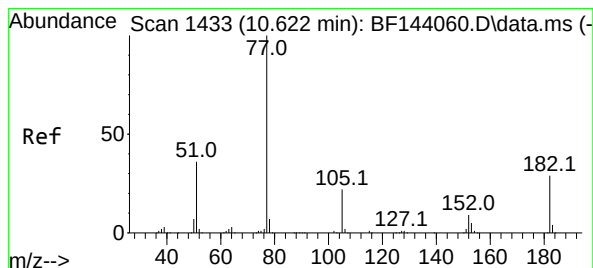
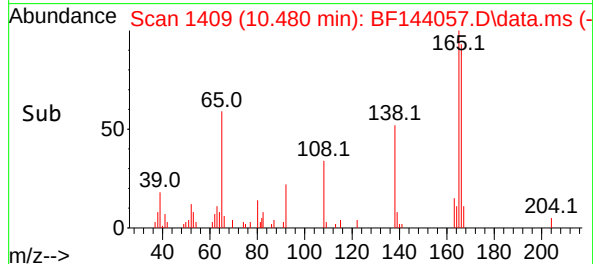
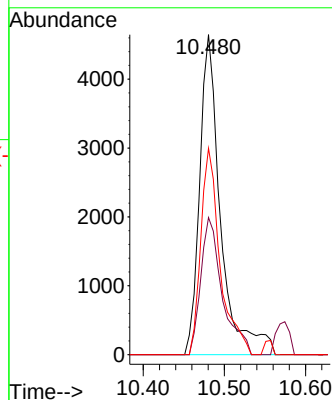
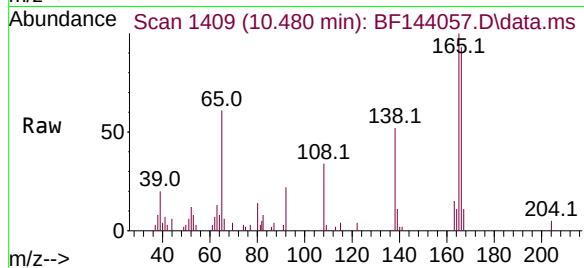




#62
4-Nitroaniline
Concen: 4.789 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

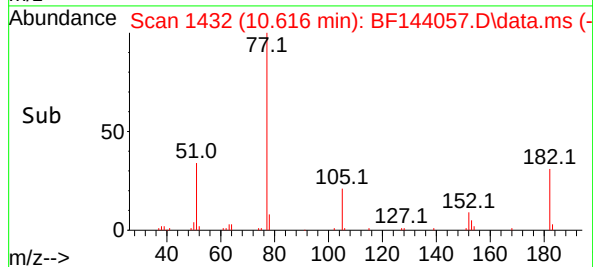
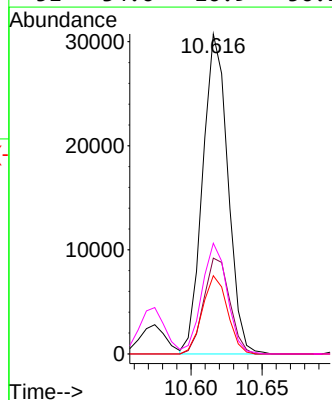
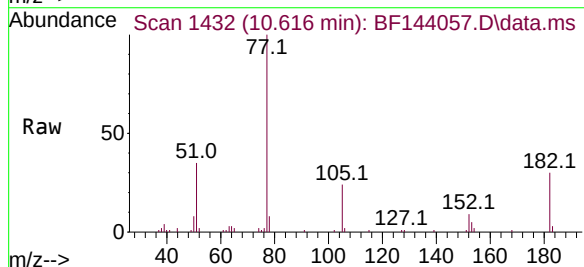
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

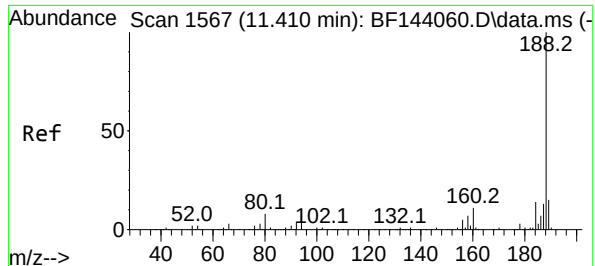
Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.8	30.5	70.5
108	64.5	56.2	96.2



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

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

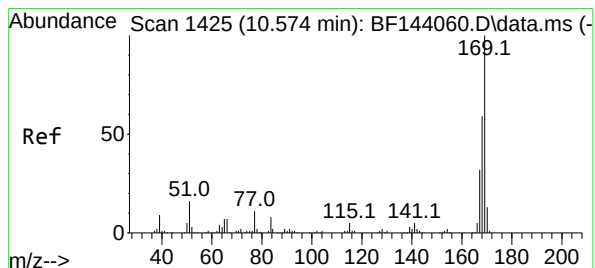
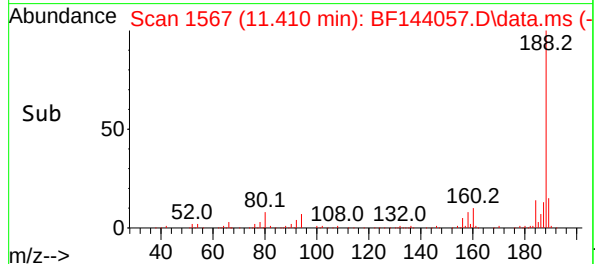
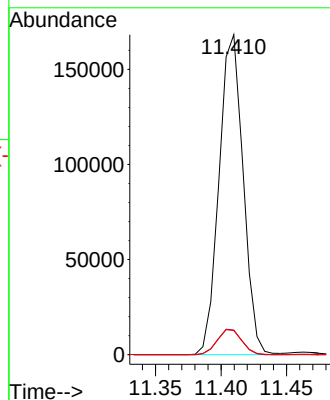
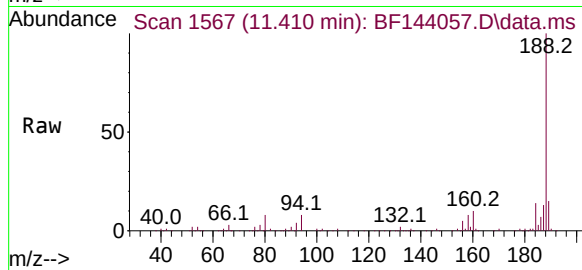




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

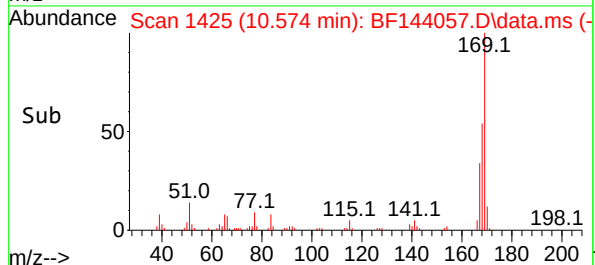
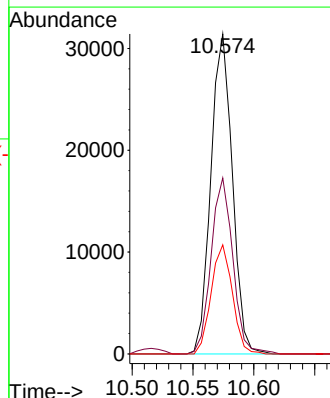
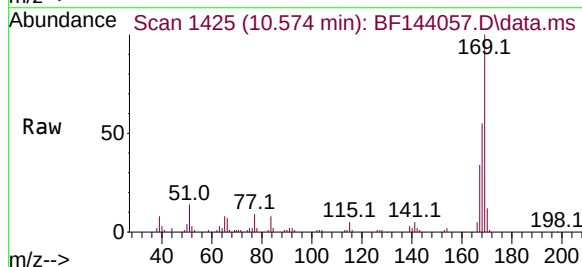
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

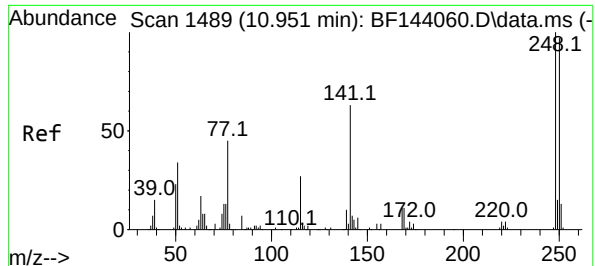
Tgt Ion:188 Resp: 215493
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 7.5 6.0 9.0



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

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

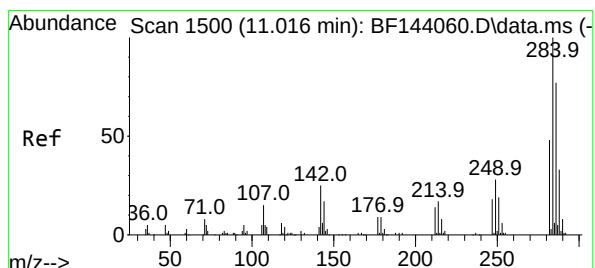
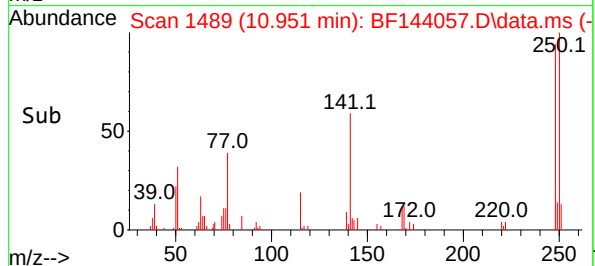
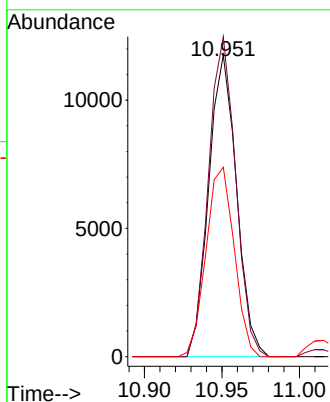
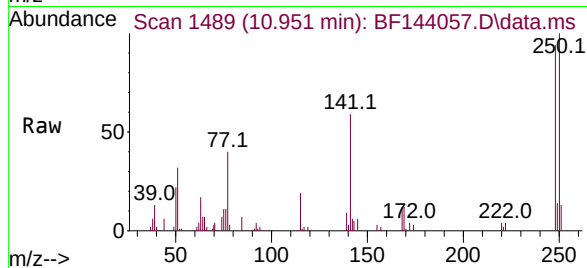




#67
4-Bromophenyl-phenylether
Concen: 5.466 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

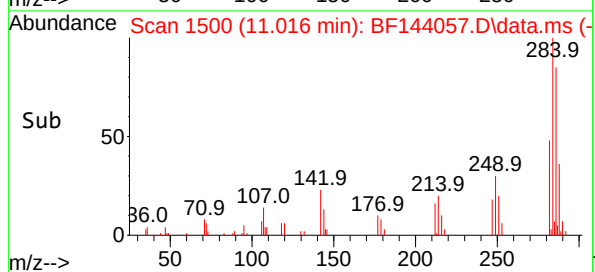
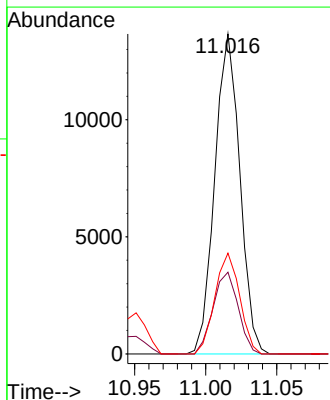
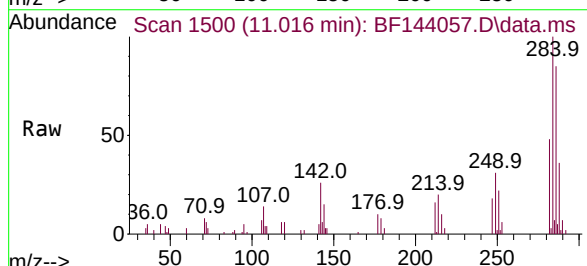
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

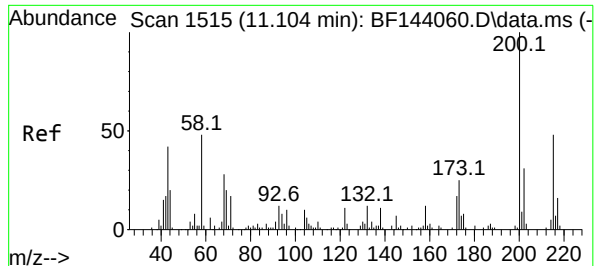
Tgt Ion	Ratio	Lower	Upper
248	100		
250	106.1	77.8	116.6
141	62.8	50.5	75.7



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

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





#69

Atrazine

Concen: 5.458 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

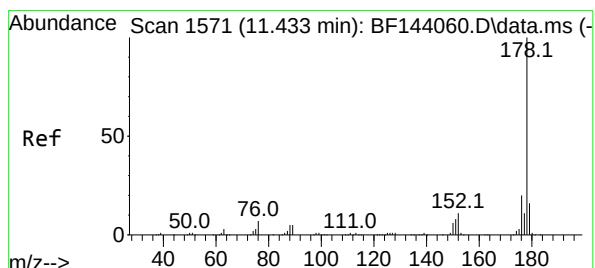
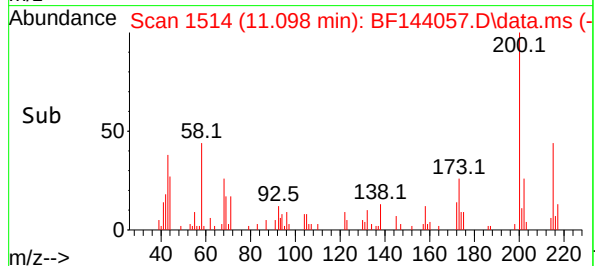
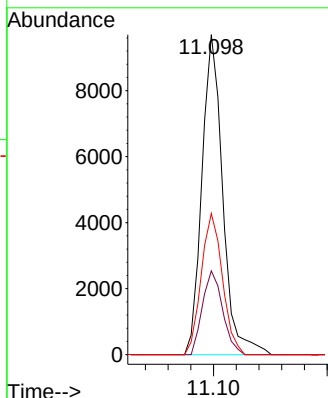
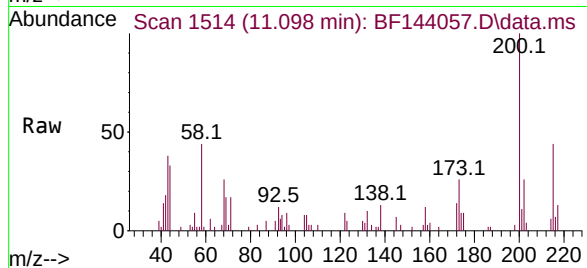
Tgt Ion:200 Resp: 12331

Ion Ratio Lower Upper

200 100

173 26.2 4.9 44.9

215 44.1 28.2 68.2



#71

Phenanthrene

Concen: 5.398 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

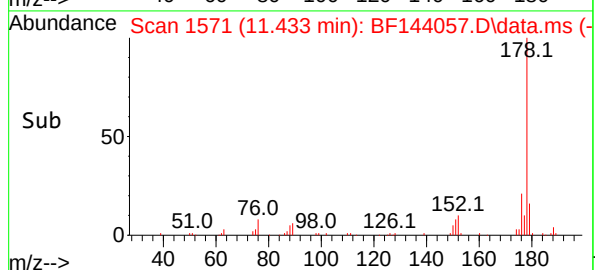
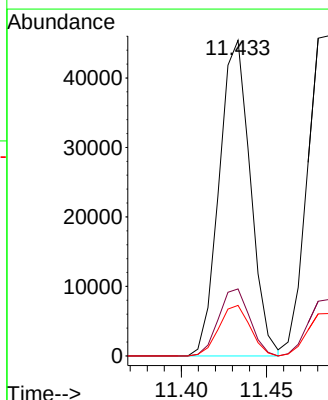
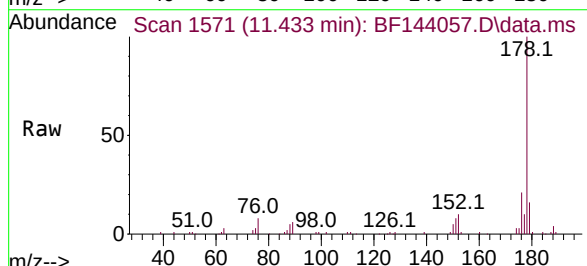
Tgt Ion:178 Resp: 57785

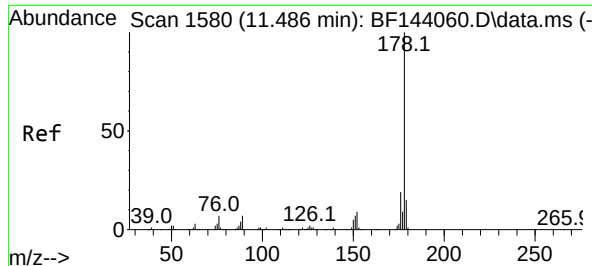
Ion Ratio Lower Upper

178 100

176 21.2 16.3 24.5

179 16.0 12.6 18.8

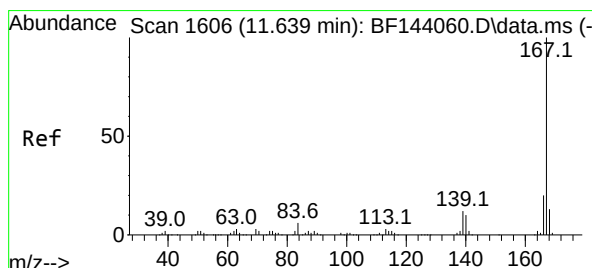
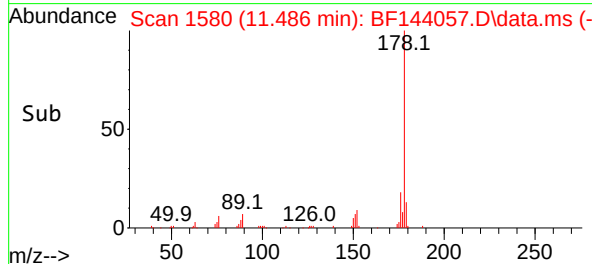
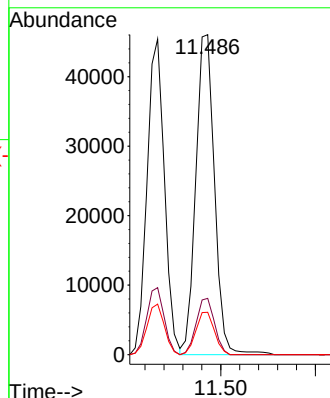
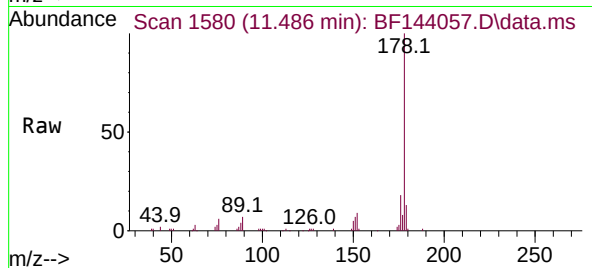




#72
Anthracene
Concen: 5.704 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

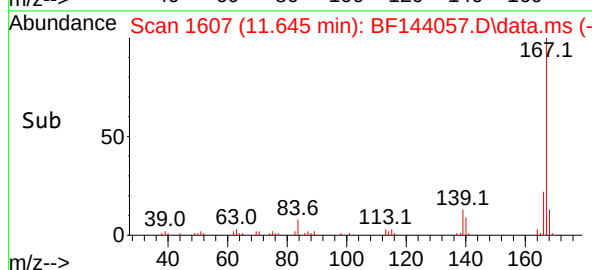
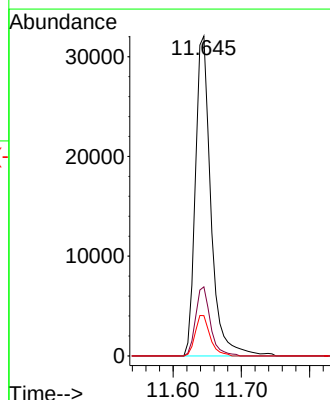
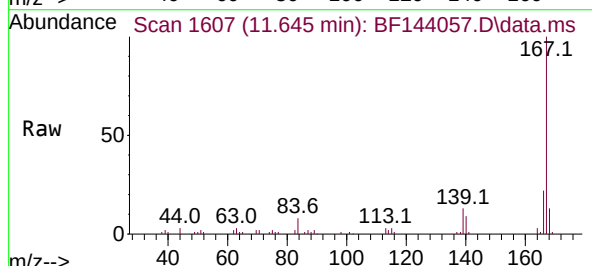
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

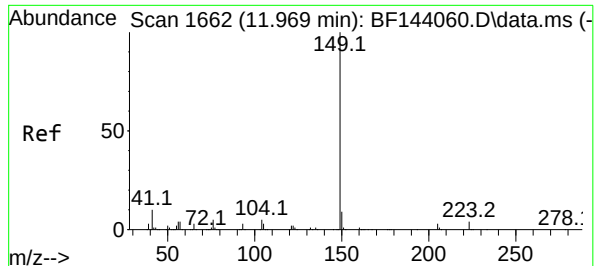
Tgt Ion:178 Resp: 63077
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.4
179 13.2 11.8 17.6



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

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

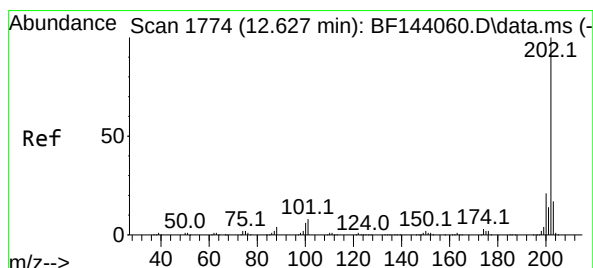
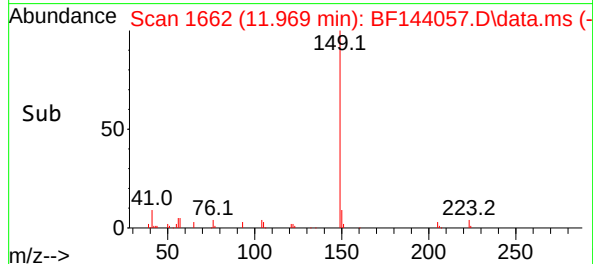
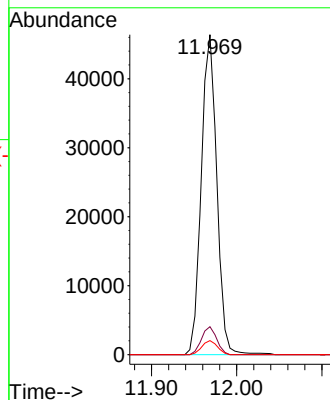
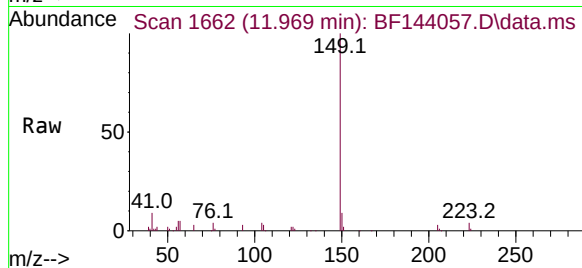




#74
Di-n-butylphthalate
Concen: 5.088 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

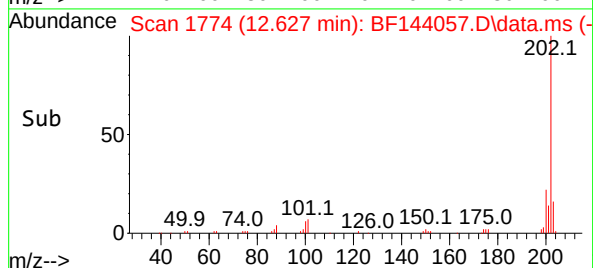
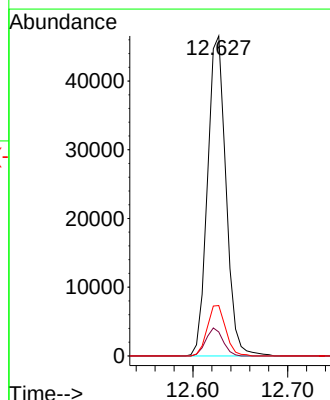
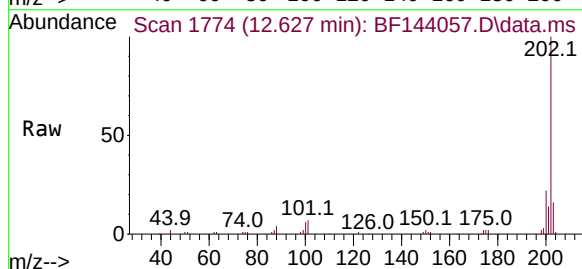
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

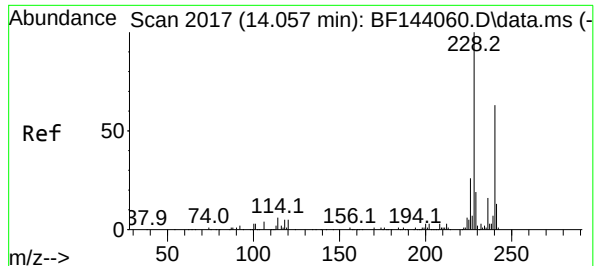
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.3	10.9
104	4.4	3.6	5.4



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

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

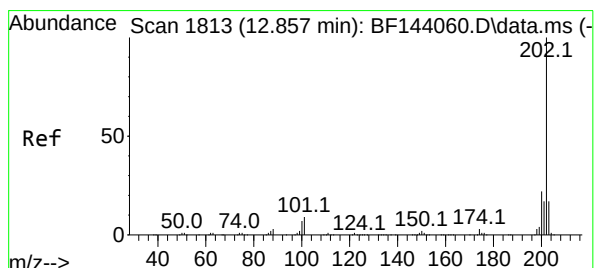
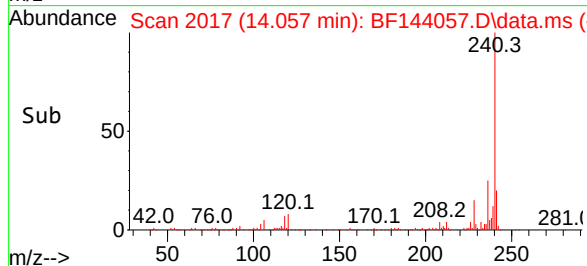
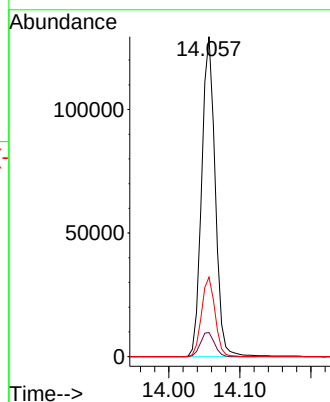
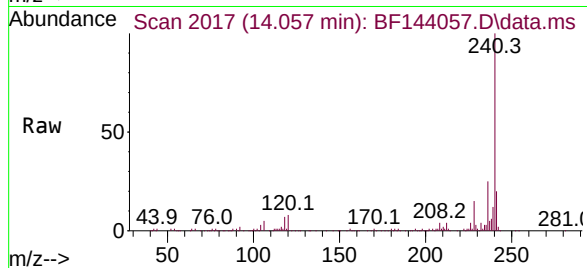
Tgt Ion:240 Resp: 170453

Ion Ratio Lower Upper

240 100

120 7.5 6.5 9.7

236 24.8 20.1 30.1



#78

Pyrene

Concen: 5.573 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

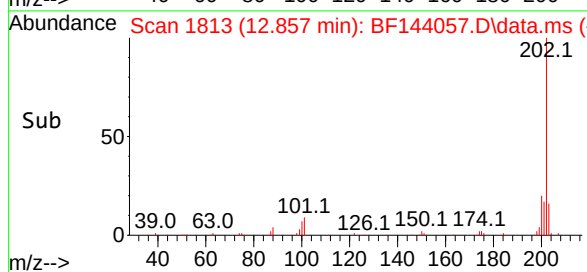
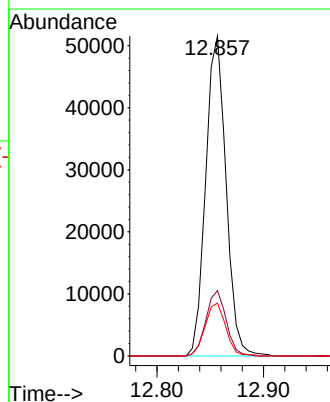
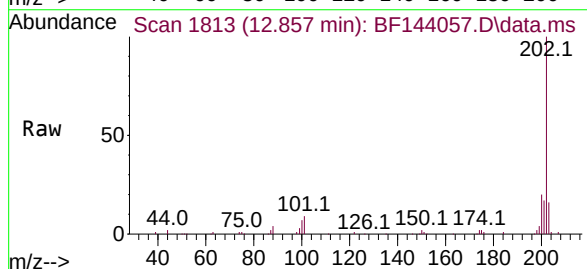
Tgt Ion:202 Resp: 68289

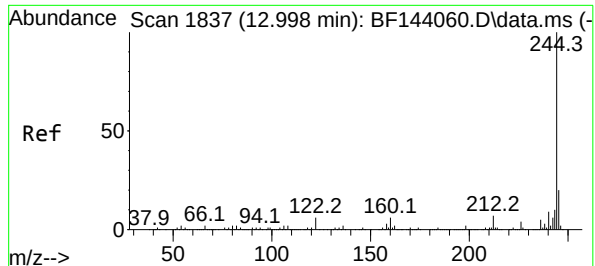
Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 16.5 13.5 20.3





#79

Terphenyl-d14

Concen: 11.189 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

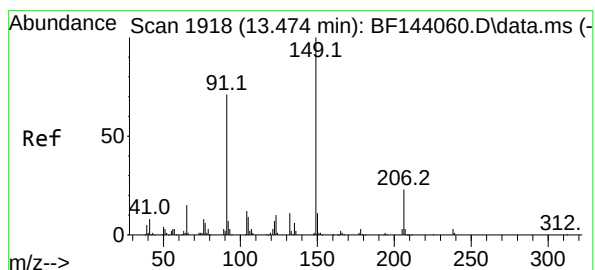
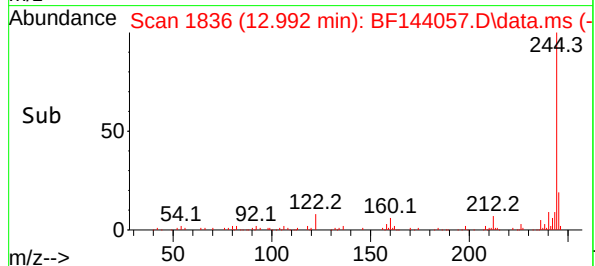
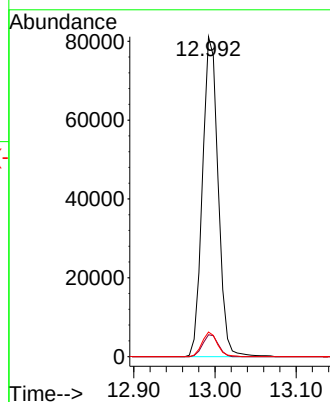
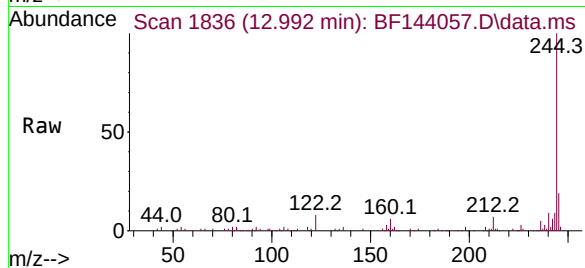
Tgt Ion:244 Resp: 109089

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 7.7 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 4.669 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

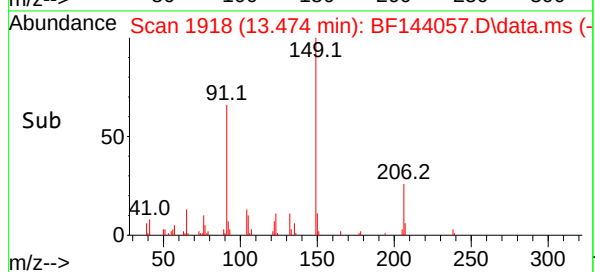
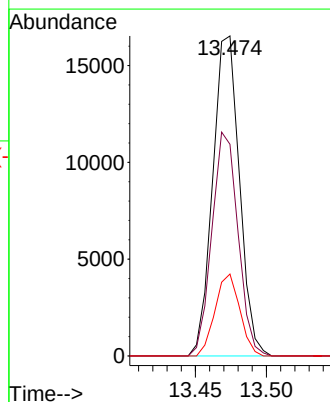
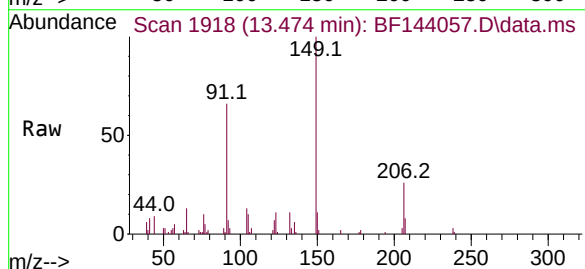
Tgt Ion:149 Resp: 21644

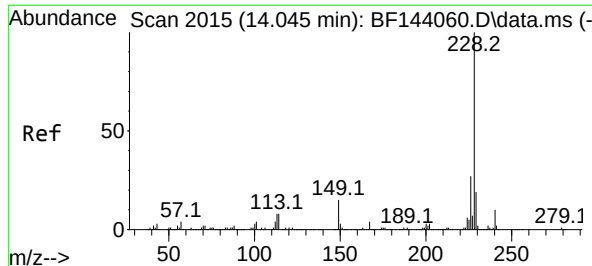
Ion Ratio Lower Upper

149 100

91 66.1 56.6 84.8

206 25.6 18.3 27.5

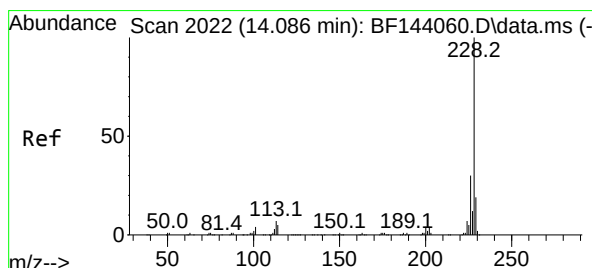
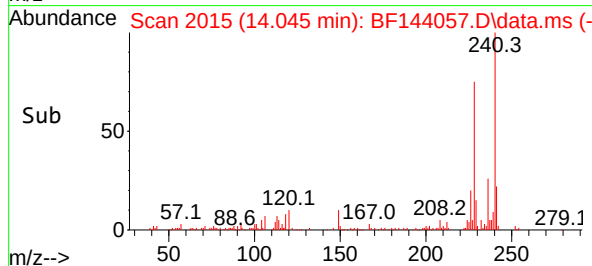
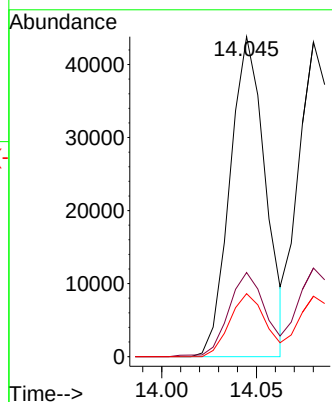
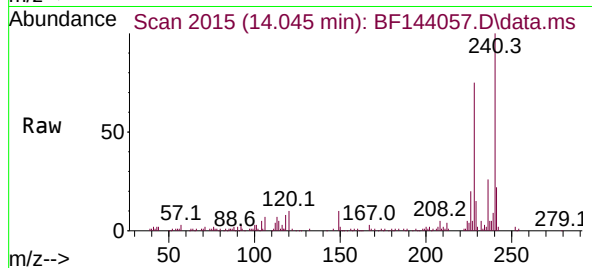




#81
Benzo(a)anthracene
Concen: 4.960 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

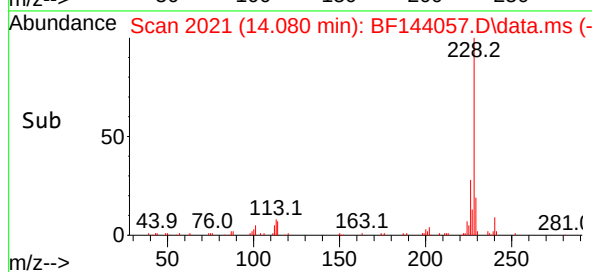
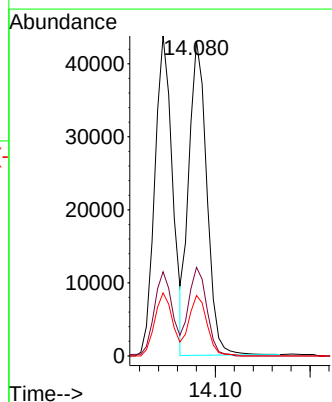
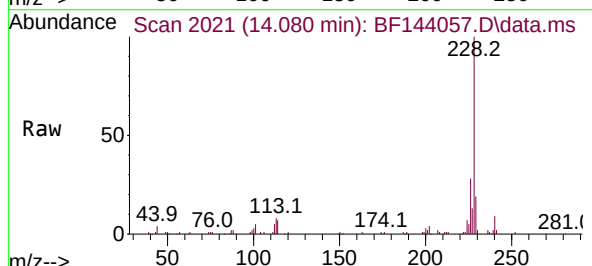
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

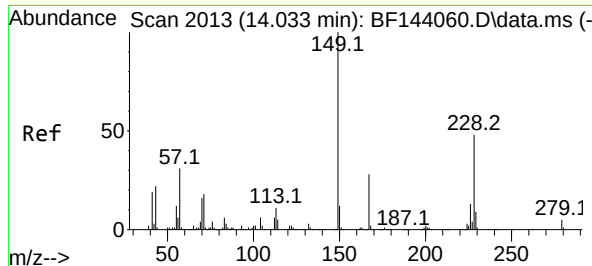
Tgt Ion:228 Resp: 57138
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.7 15.3 22.9



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

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

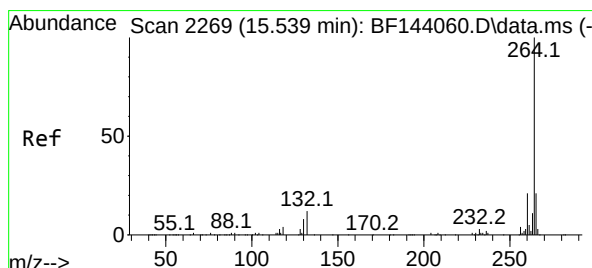
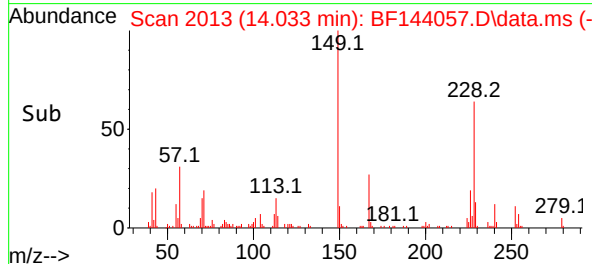
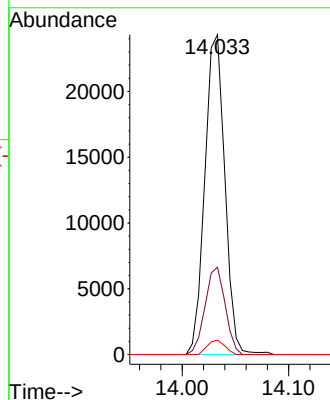
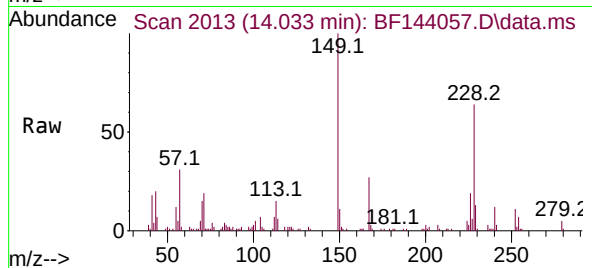




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.013 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

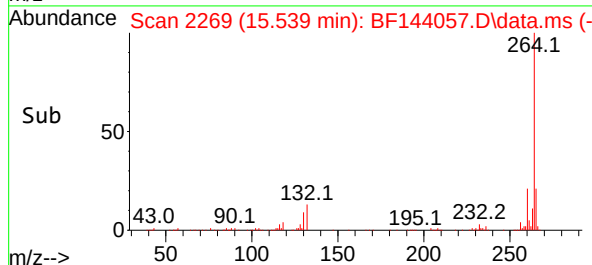
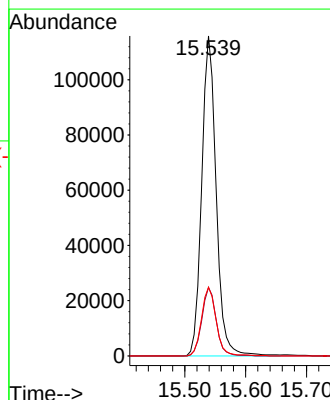
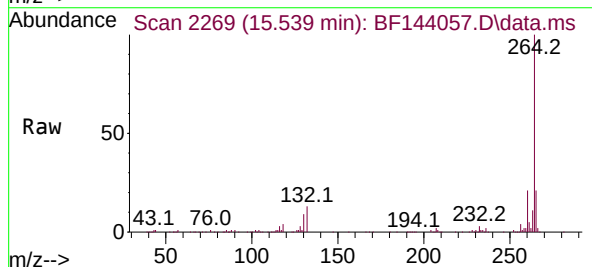
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

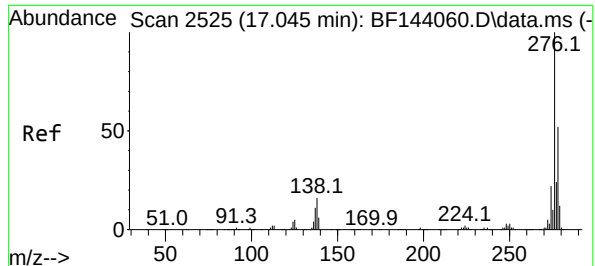
Tgt Ion:149 Resp: 31727
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 4.5 3.6 5.4



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

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





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.918 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

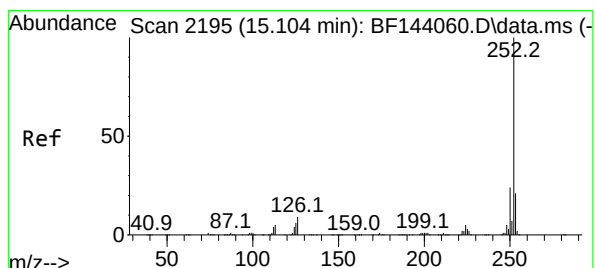
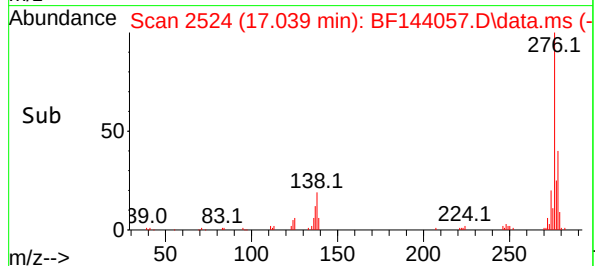
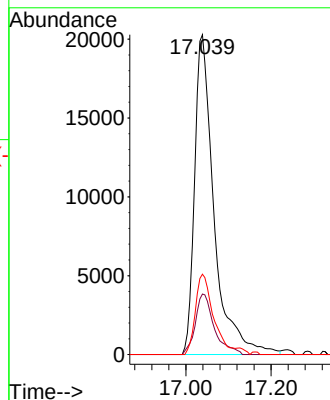
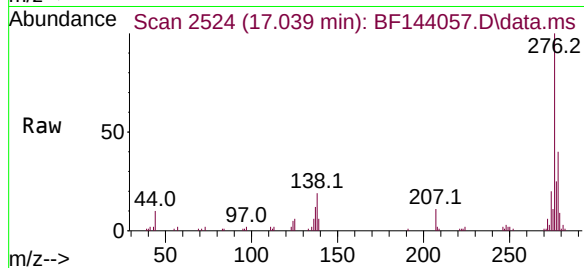
Tgt Ion:276 Resp: 64345

Ion Ratio Lower Upper

276 100

138 18.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 5.014 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

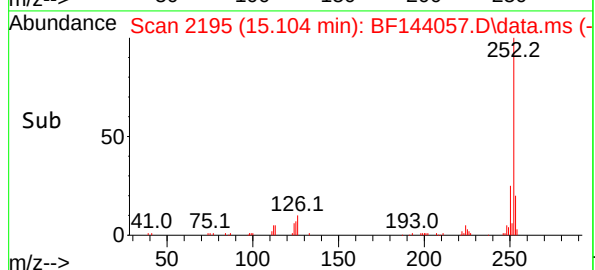
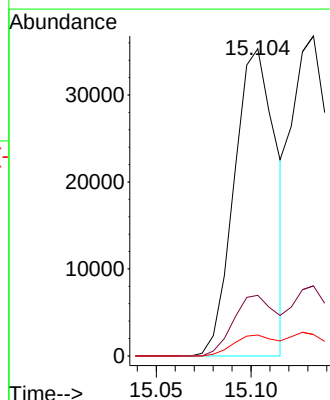
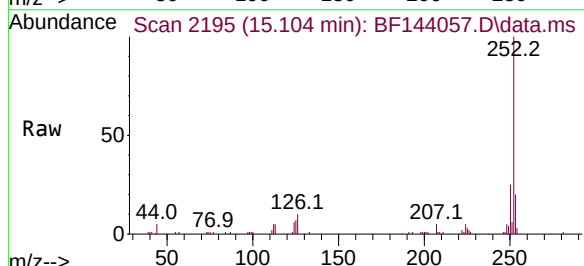
Tgt Ion:252 Resp: 54015

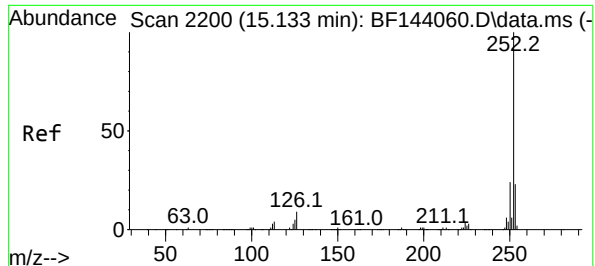
Ion Ratio Lower Upper

252 100

253 19.7 17.2 25.8

125 6.8 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 5.782 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

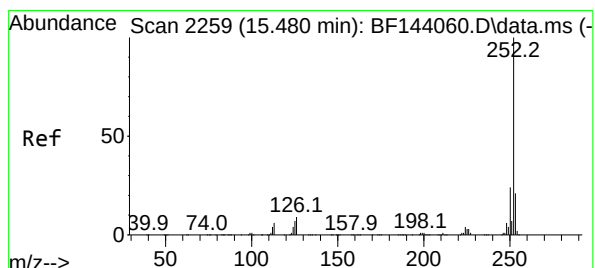
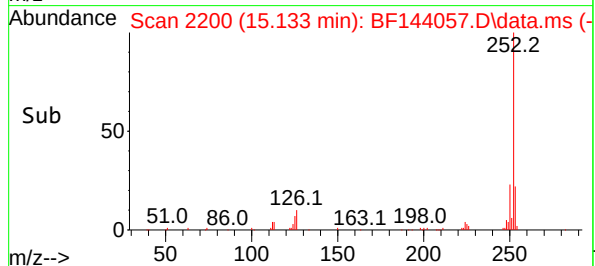
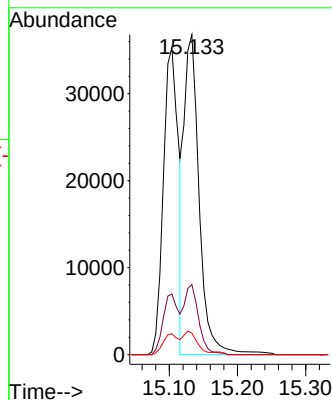
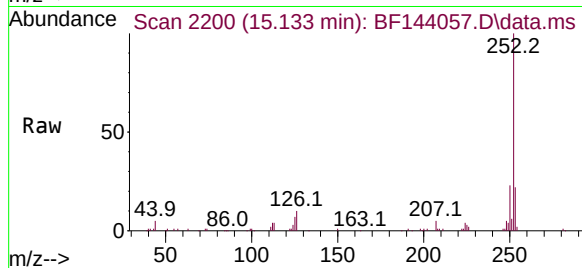
Tgt Ion:252 Resp: 57466

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 6.7 4.9 7.3



#90

Benzo(a)pyrene

Concen: 5.173 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

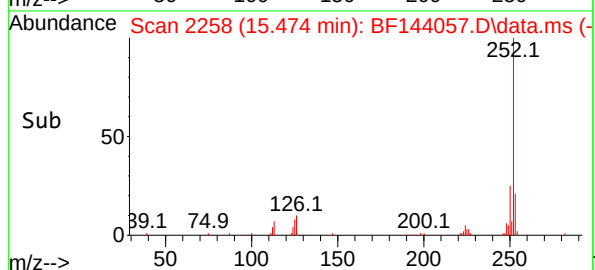
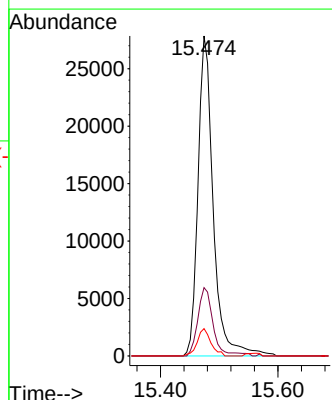
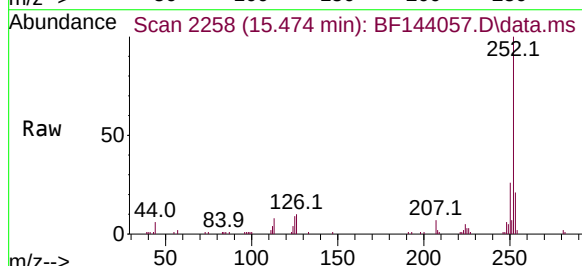
Tgt Ion:252 Resp: 49993

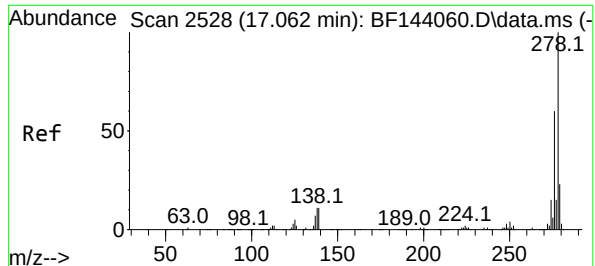
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 8.5 5.4 8.2#

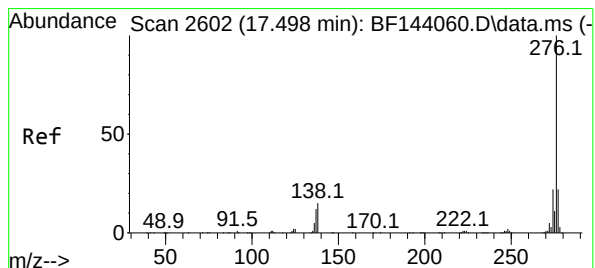
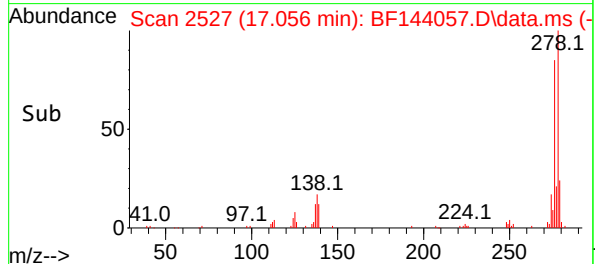
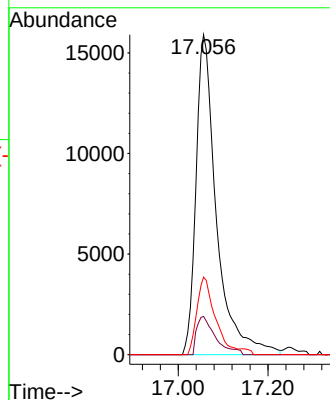
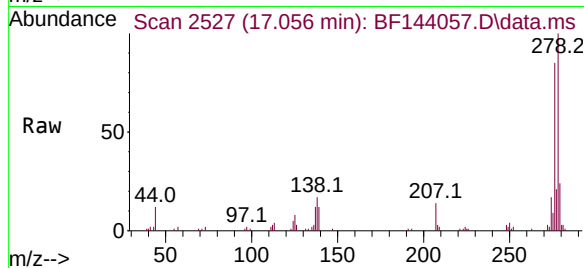




#91
Dibenzo(a,h)anthracene
Concen: 4.865 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

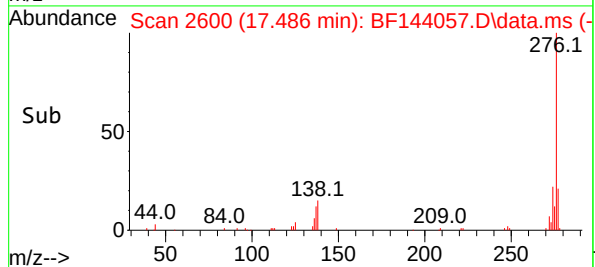
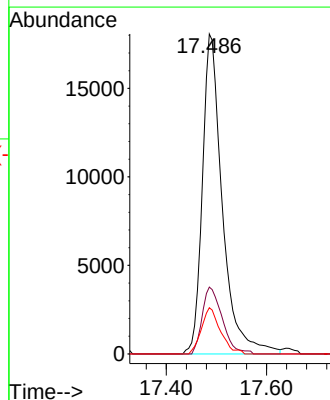
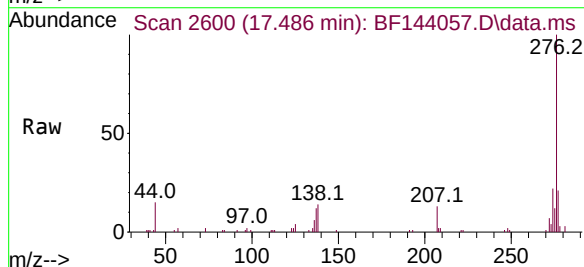
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

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



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

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



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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

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

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

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

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

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

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

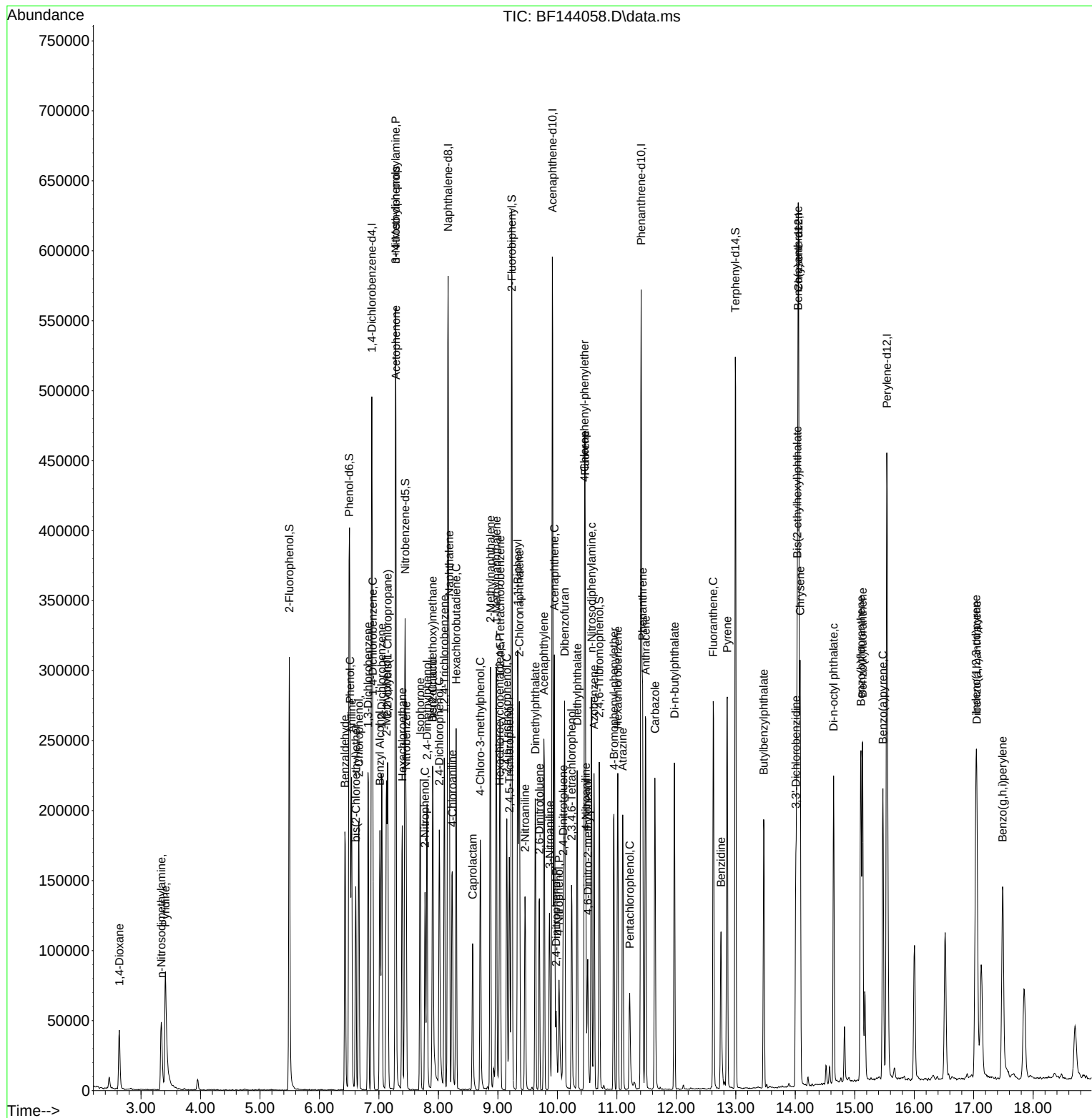
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	44114	10.341	ng	96
46) 1,1'-Biphenyl	9.334	154	139423	10.704	ng	99
47) 2-Chloronaphthalene	9.363	162	115014	10.540	ng	94
48) 2-Nitroaniline	9.457	65	32649	10.076	ng	99
49) Acenaphthylene	9.775	152	154058	10.470	ng	99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

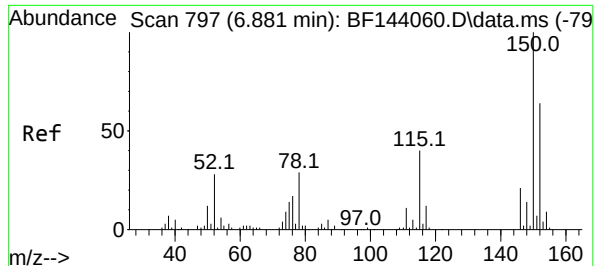
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144058.D  
Acq On    : 24 Oct 2025  11:39  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

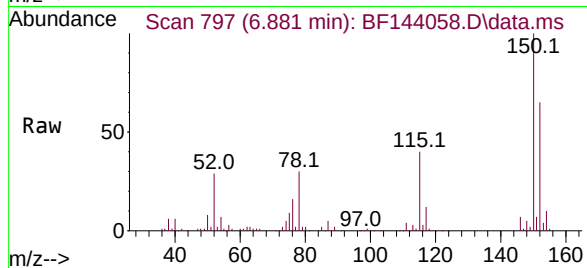
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



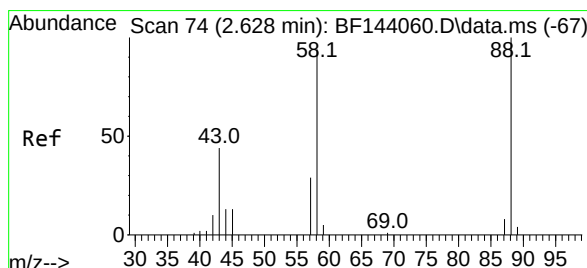
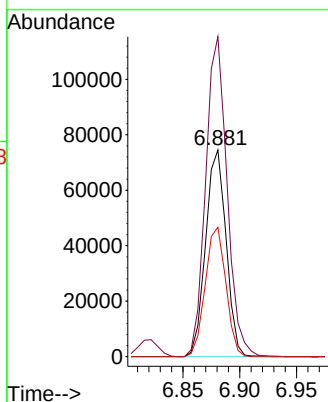
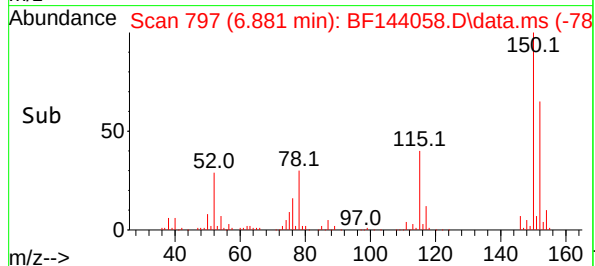


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

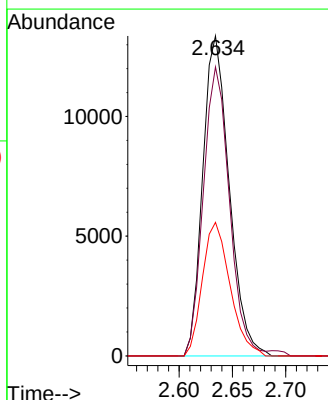
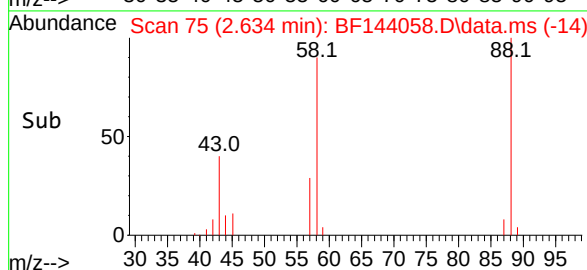
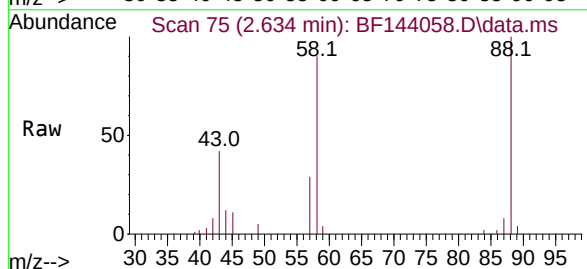


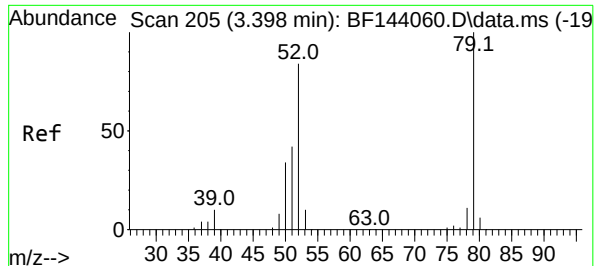
Tgt Ion:152 Resp: 93506
Ion Ratio Lower Upper
152 100
150 154.9 124.4 186.6
115 62.6 49.4 74.0



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

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





#3

Pyridine

Concen: 9.463 ng

RT: 3.410 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

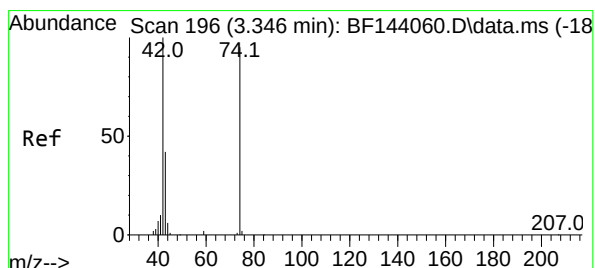
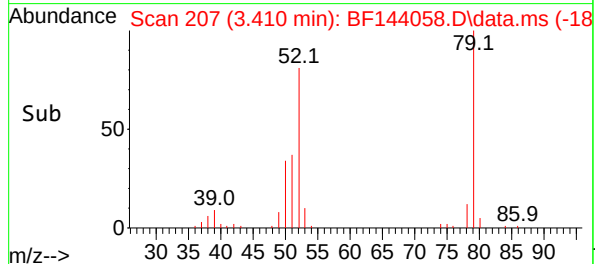
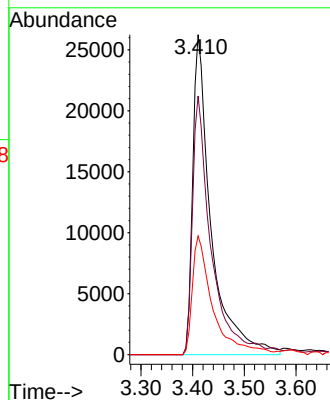
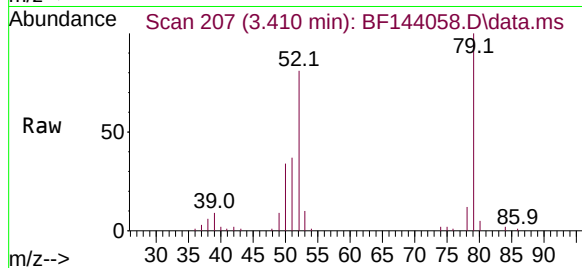
Tgt Ion: 79 Resp: 64703

Ion Ratio Lower Upper

79 100

52 80.8 67.5 101.3

51 37.1 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 8.963 ng

RT: 3.340 min Scan# 195

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

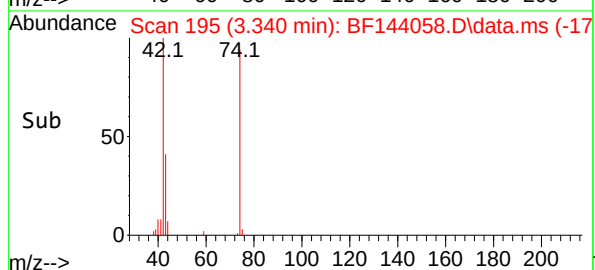
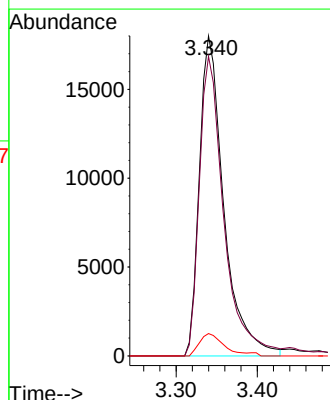
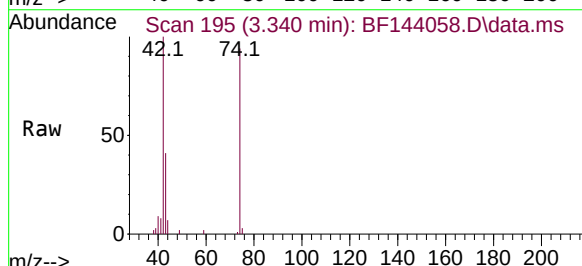
Tgt Ion: 42 Resp: 37657

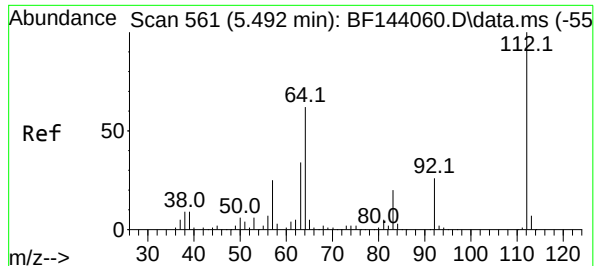
Ion Ratio Lower Upper

42 100

74 93.6 76.4 114.6

44 7.0 5.2 7.8

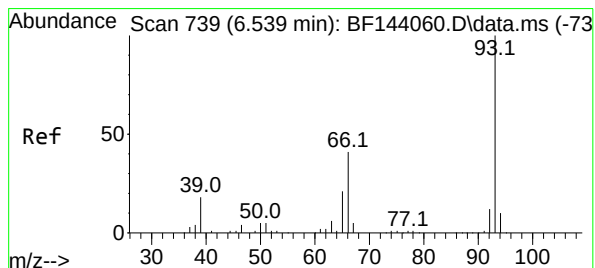
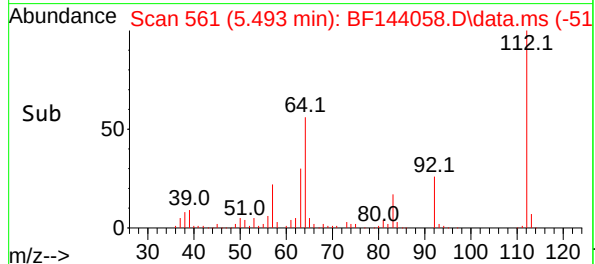
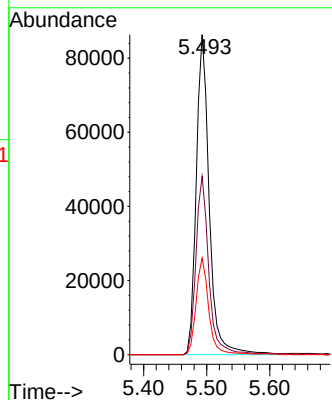
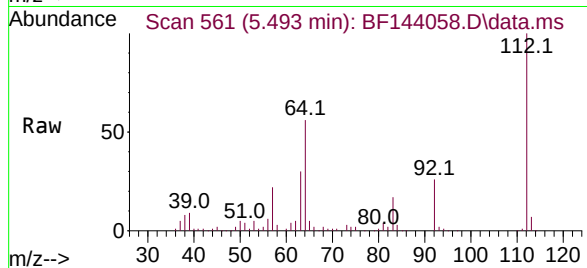




#5
2-Fluorophenol
Concen: 20.923 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

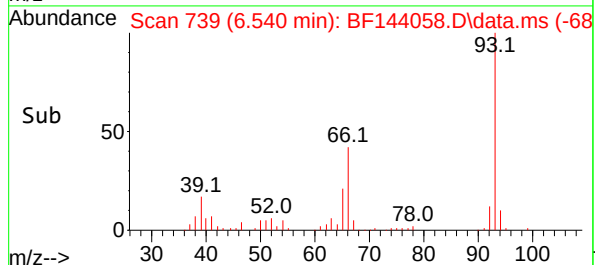
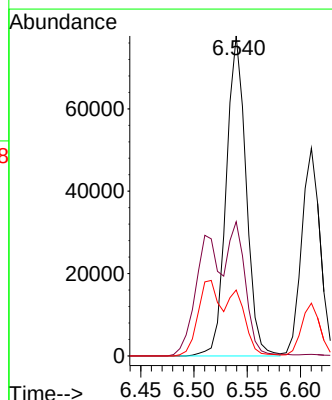
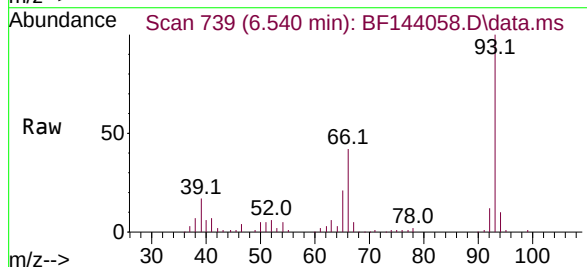
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

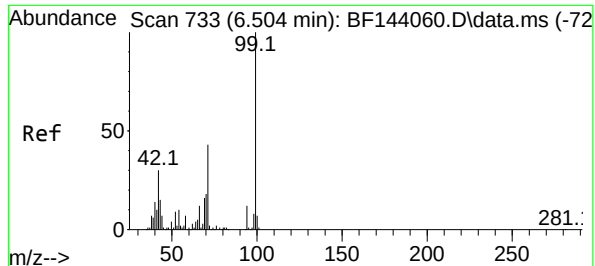
Tgt Ion:112 Resp: 123660
Ion Ratio Lower Upper
112 100
64 55.8 49.8 74.8
63 30.2 27.4 41.2



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

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





#7

Phenol-d6

Concen: 20.673 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

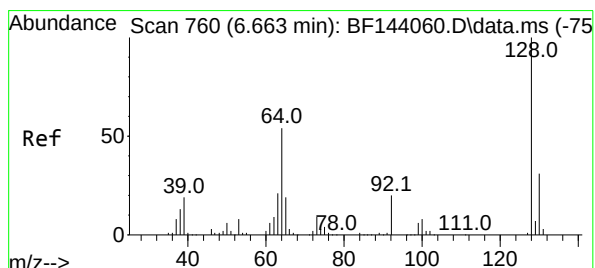
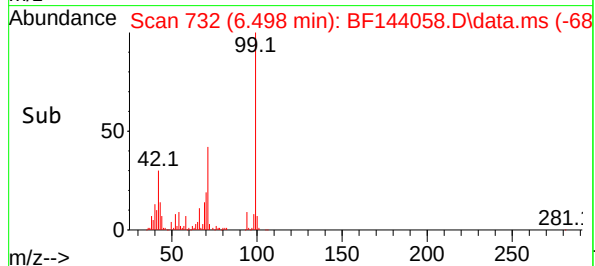
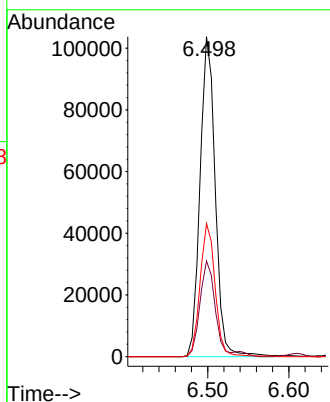
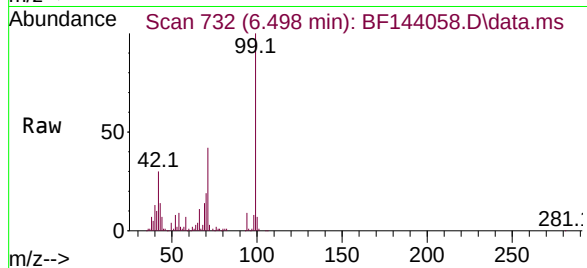
Tgt Ion: 99 Resp: 134938

Ion Ratio Lower Upper

99 100

42 29.9 23.9 35.9

71 41.6 34.4 51.6



#8

2-Chlorophenol

Concen: 10.526 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

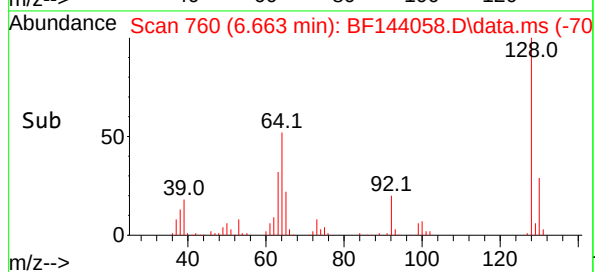
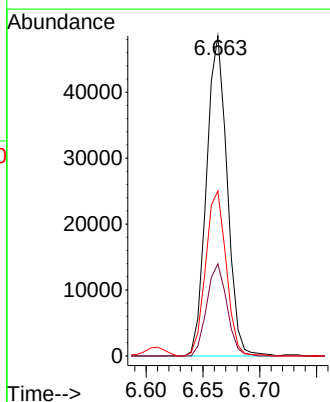
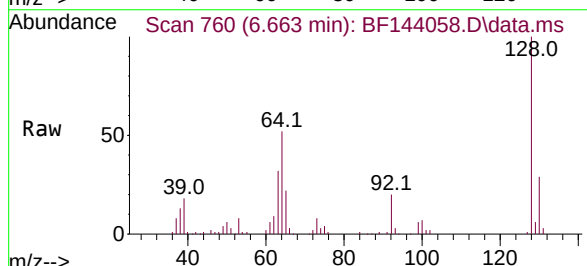
Tgt Ion: 128 Resp: 61265

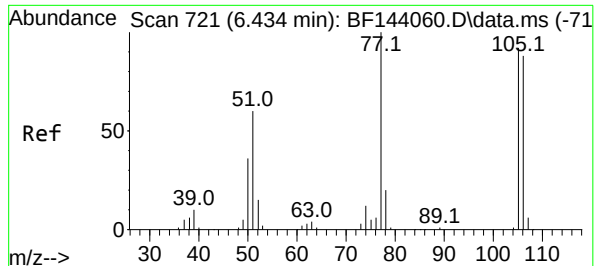
Ion Ratio Lower Upper

128 100

130 28.8 10.7 50.7

64 51.5 34.7 74.7





#9

Benzaldehyde

Concen: 10.081 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

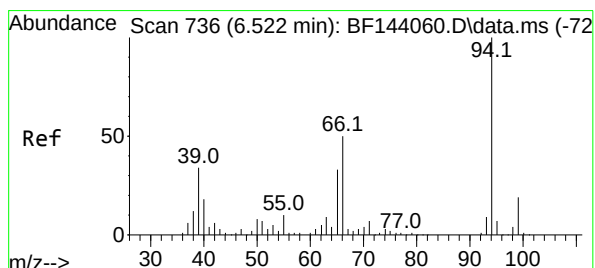
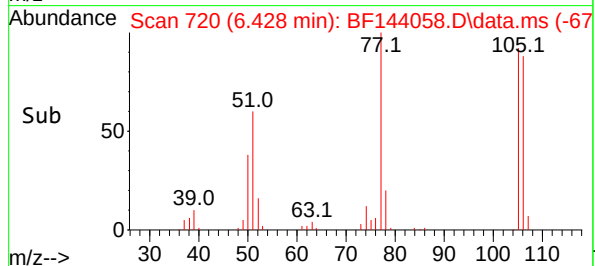
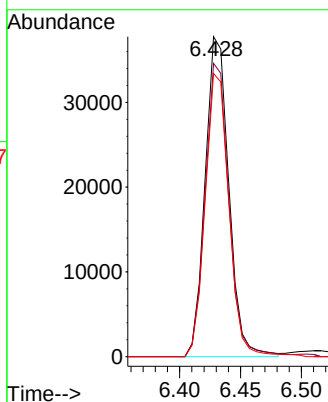
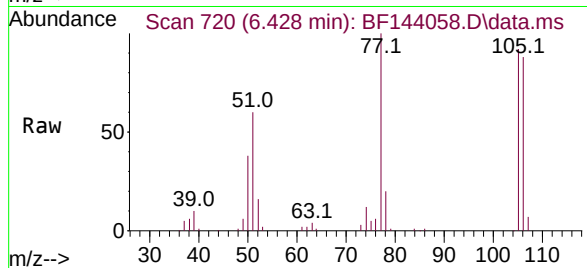
Tgt Ion: 77 Resp: 51089

Ion Ratio Lower Upper

77 100

105 91.6 72.2 112.2

106 88.5 67.9 107.9



#10

Phenol

Concen: 10.799 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

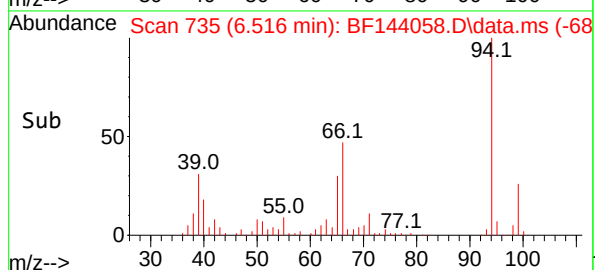
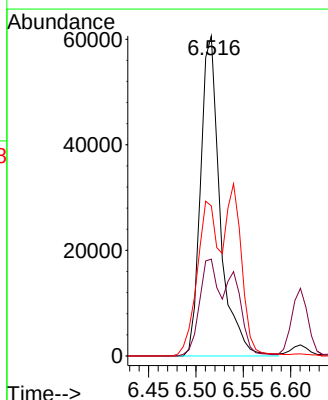
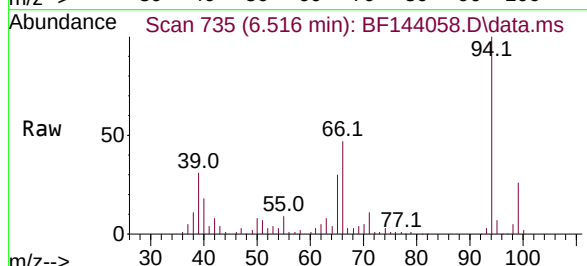
Tgt Ion: 94 Resp: 86962

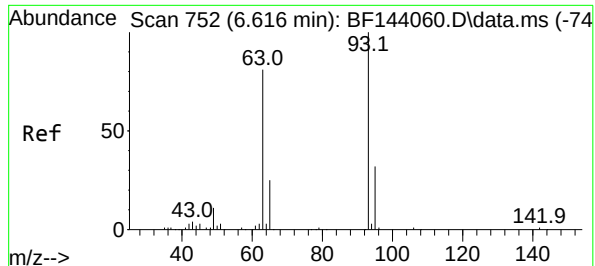
Ion Ratio Lower Upper

94 100

65 30.2 13.1 53.1

66 46.9 30.6 70.6

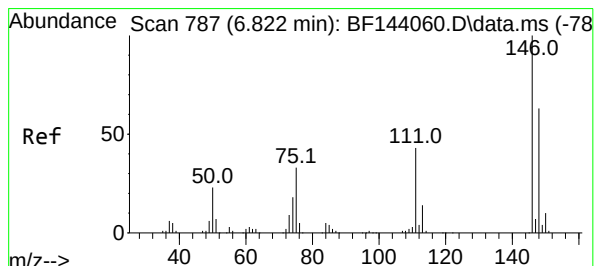
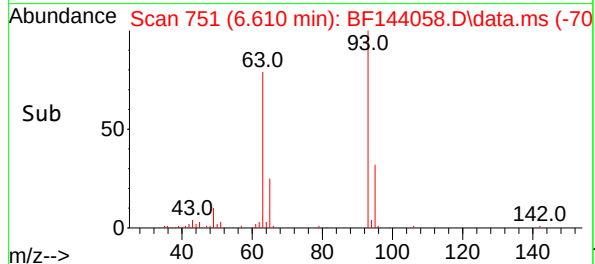
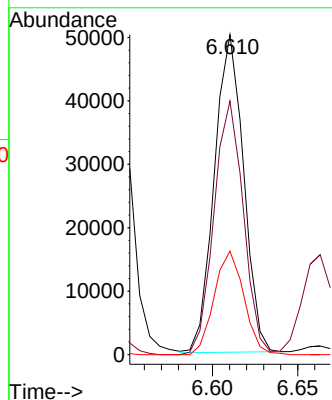
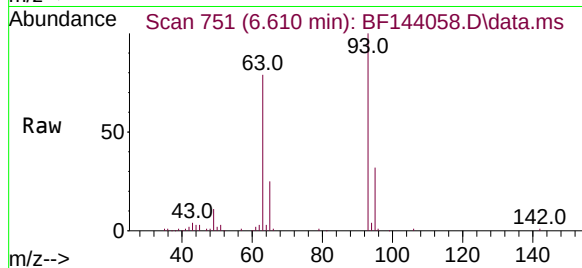




#11
bis(2-Chloroethyl)ether
Concen: 10.271 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

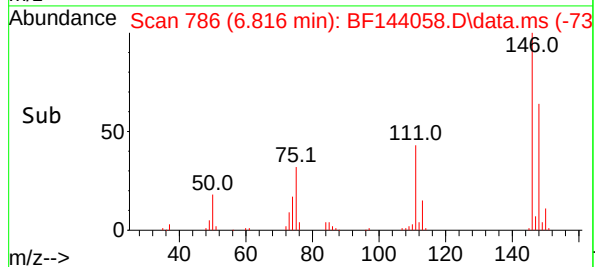
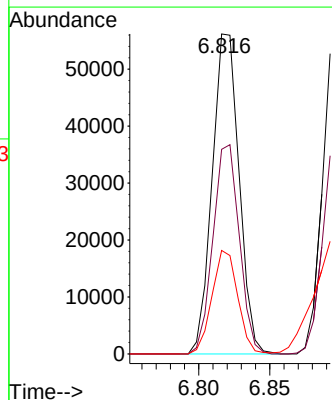
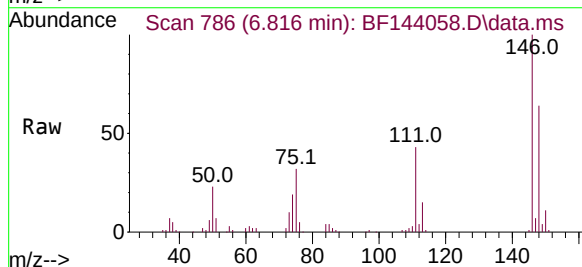
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ClientSampleId :
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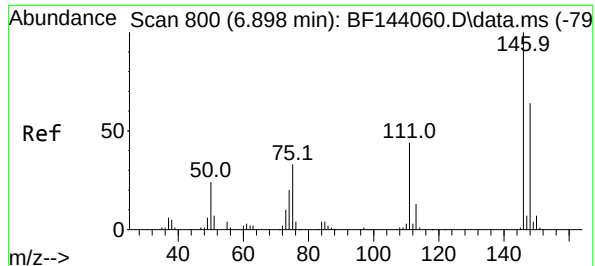
Tgt Ion: 93 Resp: 59764
Ion Ratio Lower Upper
93 100
63 79.2 60.2 100.2
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 10.303 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 146 Resp: 73976
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 32.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 10.352 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

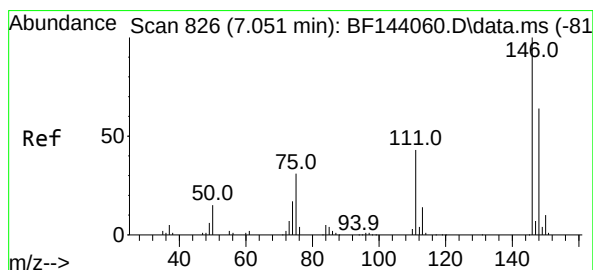
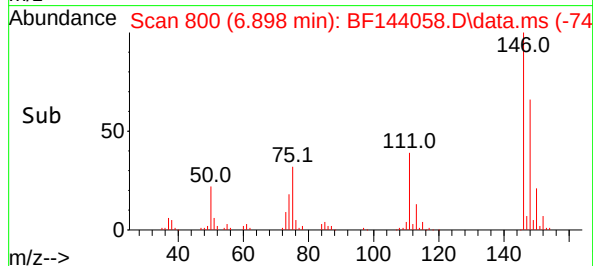
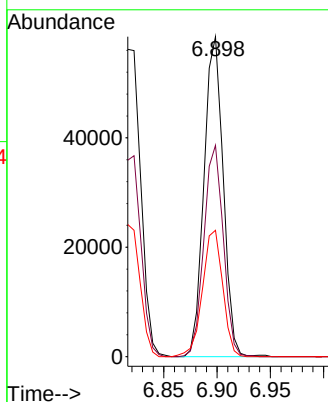
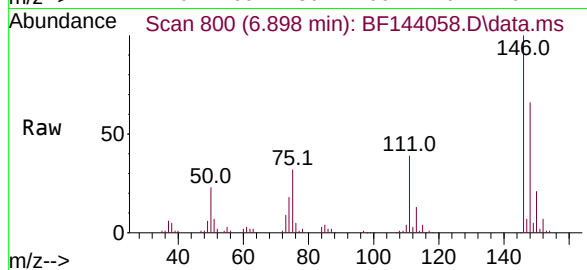
Tgt Ion:146 Resp: 73246

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

111 39.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 10.573 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

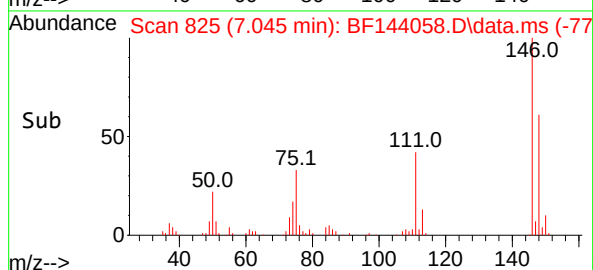
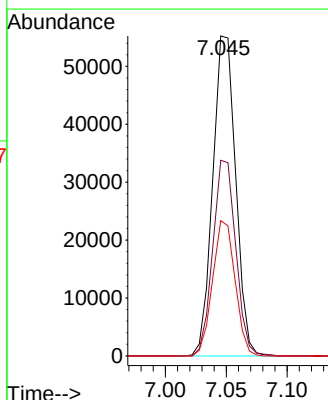
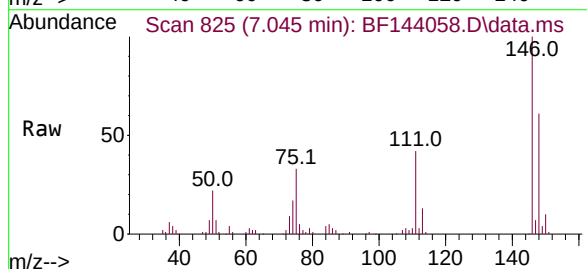
Tgt Ion:146 Resp: 72385

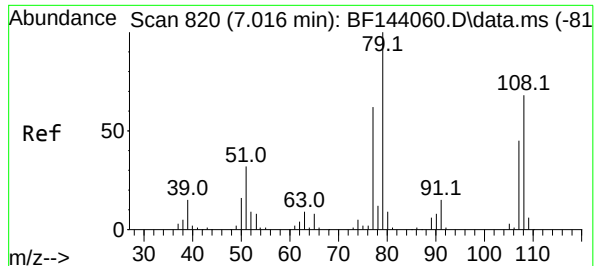
Ion Ratio Lower Upper

146 100

148 61.1 50.8 76.2

111 42.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 9.942 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

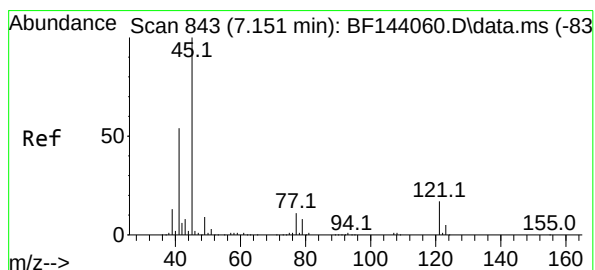
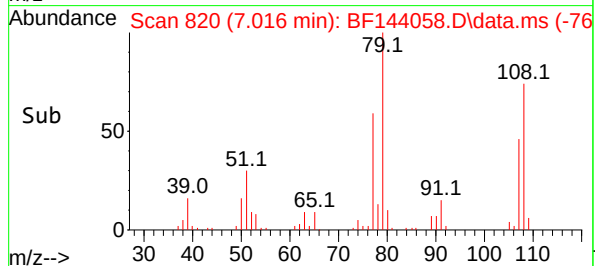
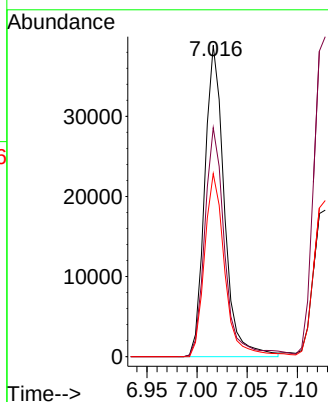
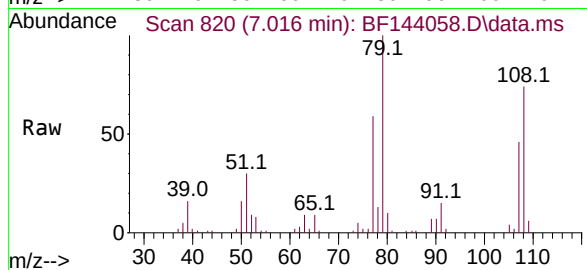
Tgt Ion: 79 Resp: 52766

Ion Ratio Lower Upper

79 100

108 73.5 54.8 82.2

77 58.8 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.395 ng

RT: 7.145 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

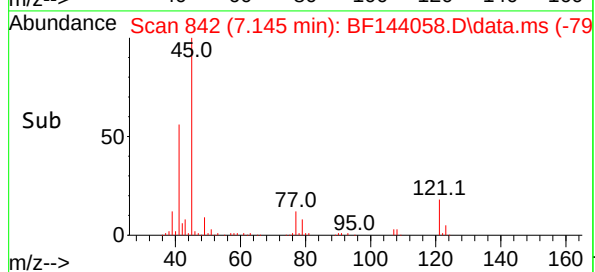
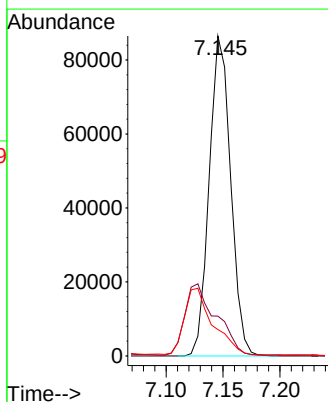
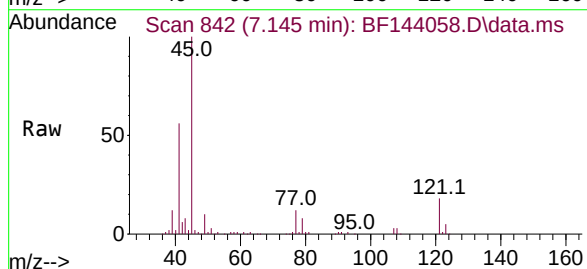
Tgt Ion: 45 Resp: 113682

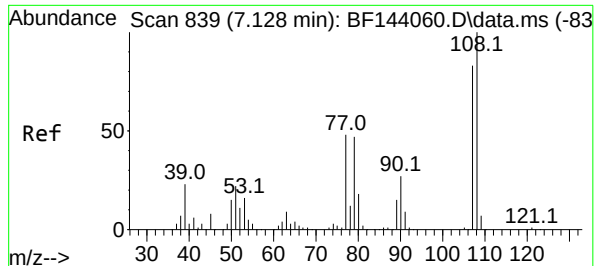
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.9

79 8.2 0.0 28.2

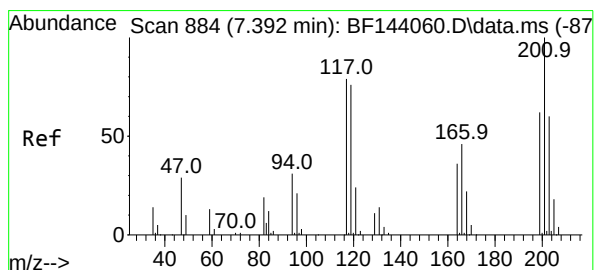
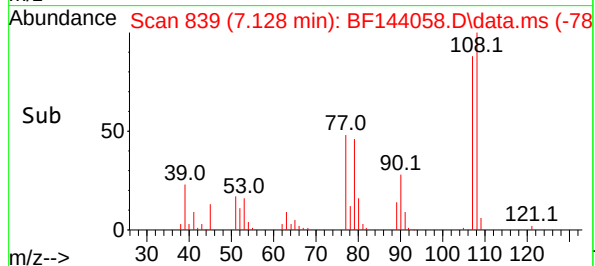
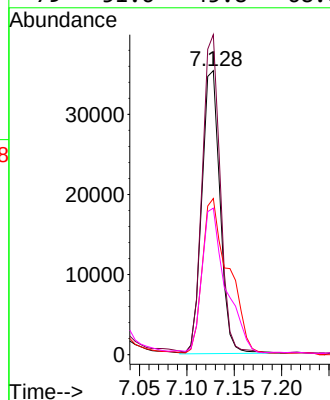
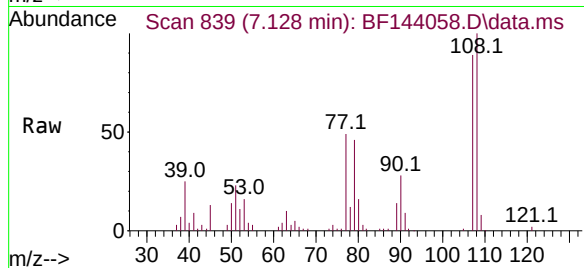




#17
2-Methylphenol
Concen: 10.548 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

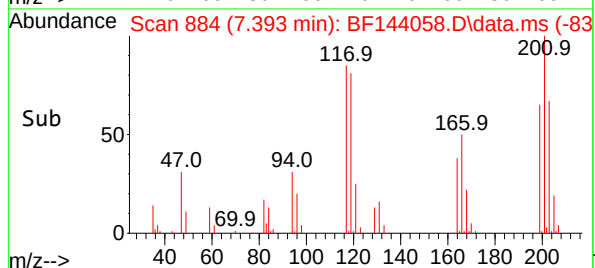
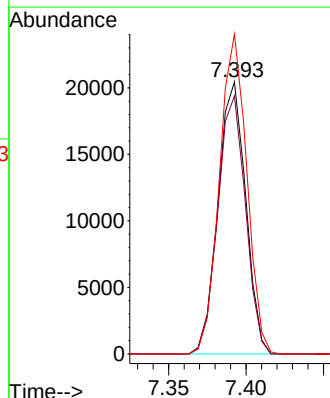
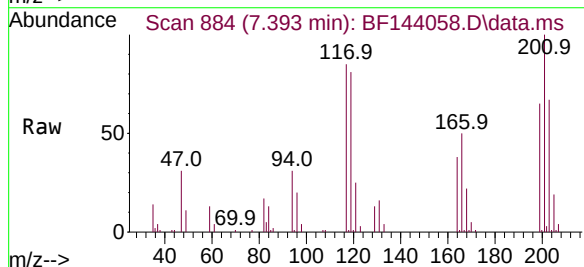
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

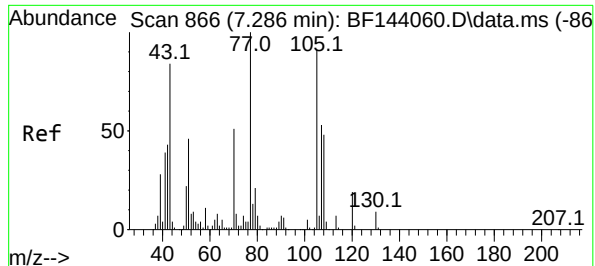
Tgt Ion:	107	Resp:	47217
Ion	Ratio	Lower	Upper
107	100		
108	112.7	96.4	144.6
77	55.0	46.8	70.2
79	51.6	45.8	68.6



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

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





#19

n-Nitroso-di-n-propylamine

Concen: 10.764 ng

RT: 7.281 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144058.D

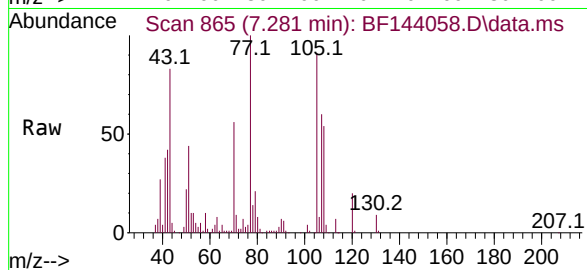
Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 45435

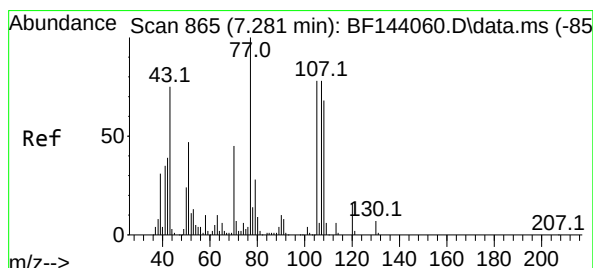
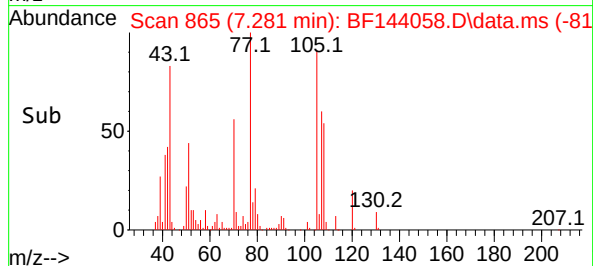
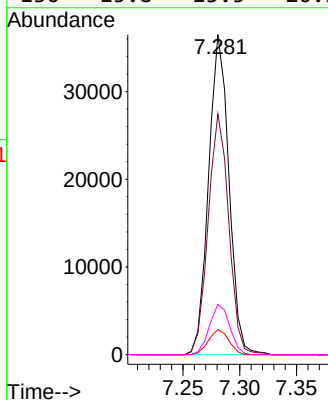
Ion Ratio Lower Upper

70 100

42 75.2 67.4 101.0

101 7.8 7.1 10.7

130 15.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 11.219 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion: 107 Resp: 59370

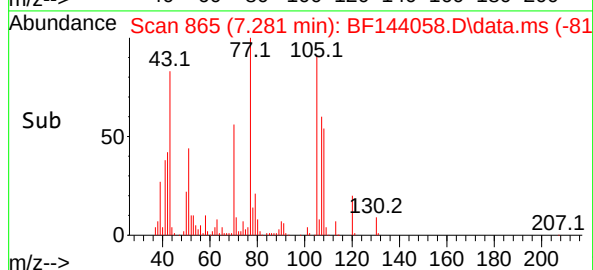
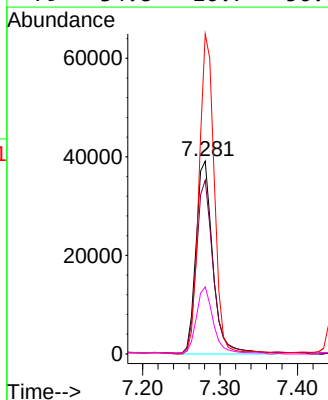
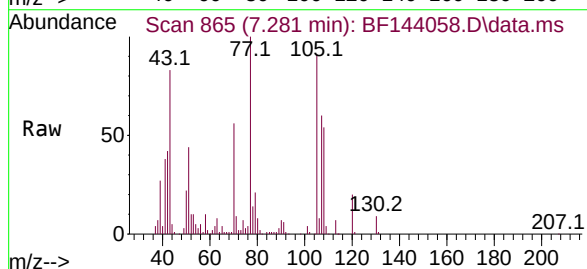
Ion Ratio Lower Upper

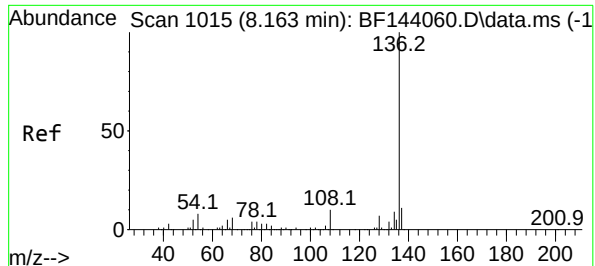
107 100

108 90.1 68.0 108.0

77 166.0 108.7 148.7#

79 34.8 16.7 56.7

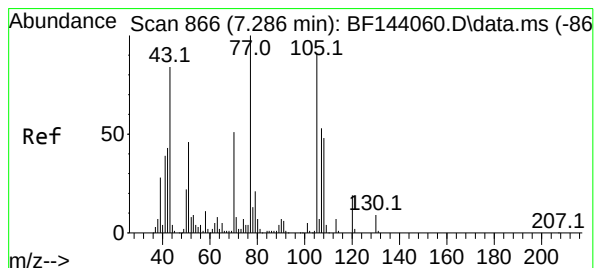
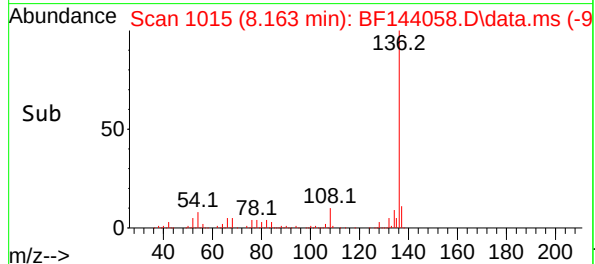
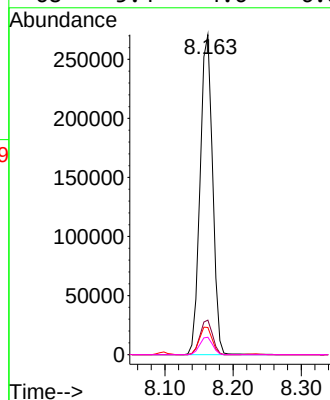
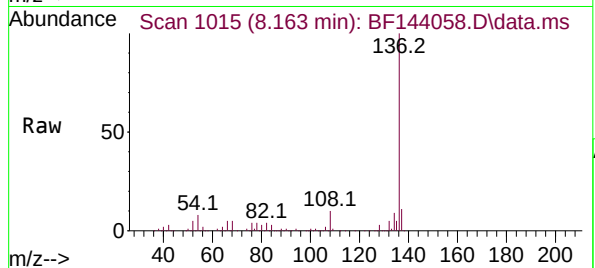




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

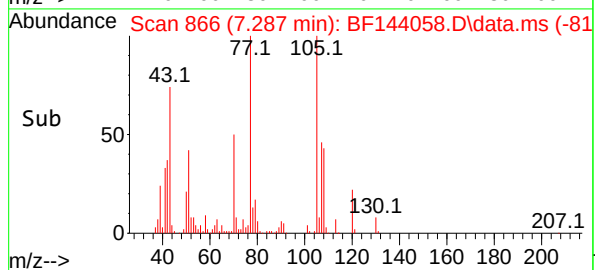
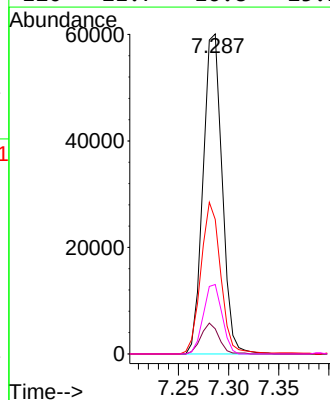
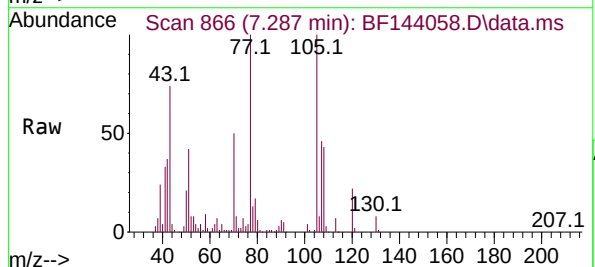
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

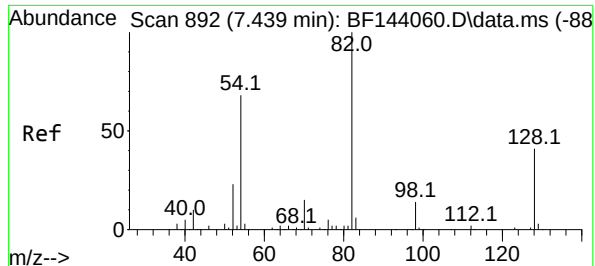
Tgt Ion:136 Resp: 345633
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.6 9.8
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 10.620 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:105 Resp: 79330
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 42.0 40.6 60.8
120 21.7 16.8 25.2

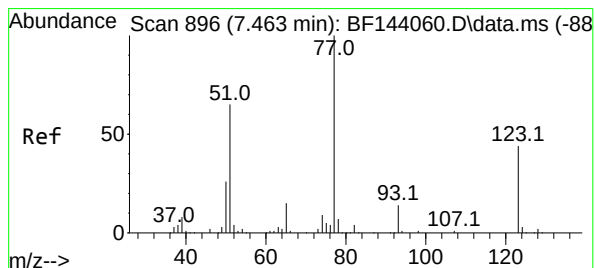
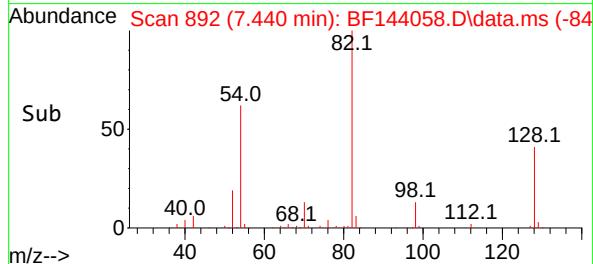
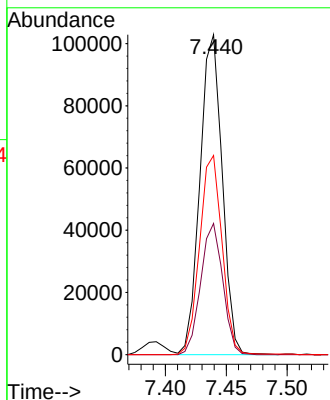
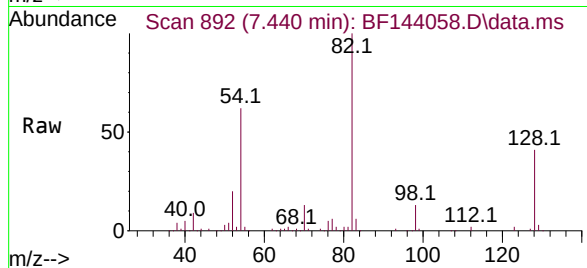




#23
Nitrobenzene-d5
Concen: 20.735 ng
RT: 7.440 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

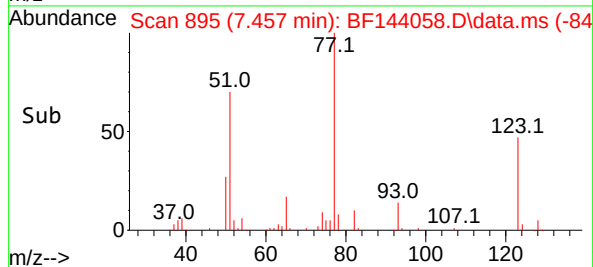
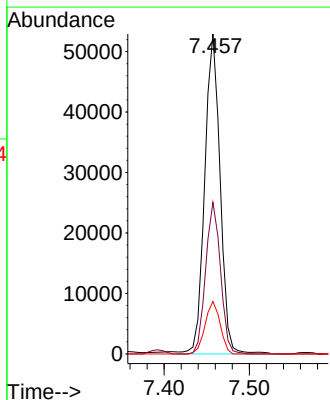
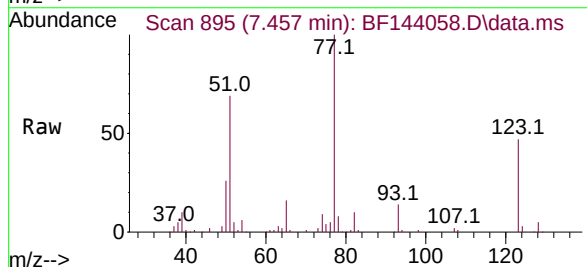
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

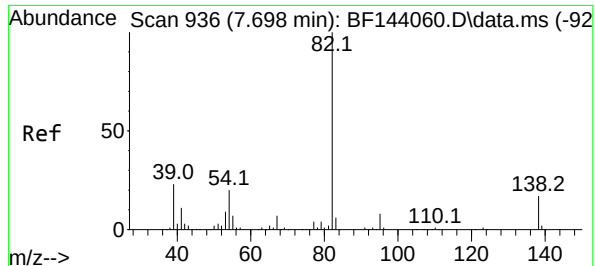
Tgt Ion: 82 Resp: 130813
Ion Ratio Lower Upper
82 100
128 41.0 32.4 48.6
54 62.2 54.0 81.0



#24
Nitrobenzene
Concen: 9.941 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 77 Resp: 66345
Ion Ratio Lower Upper
77 100
123 47.4 35.0 52.6
65 16.4 12.2 18.2

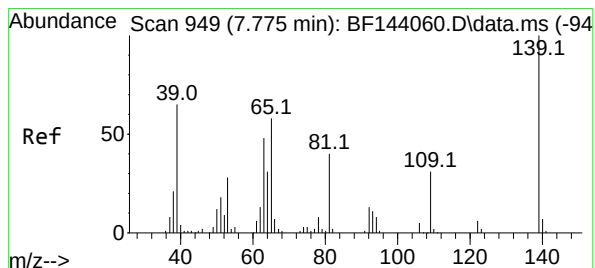
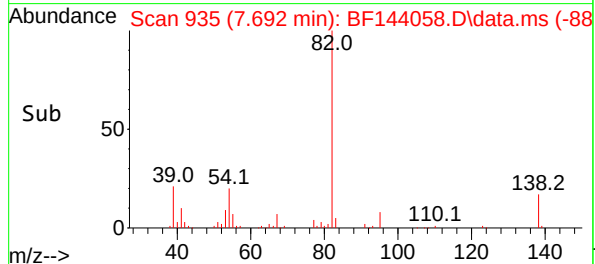
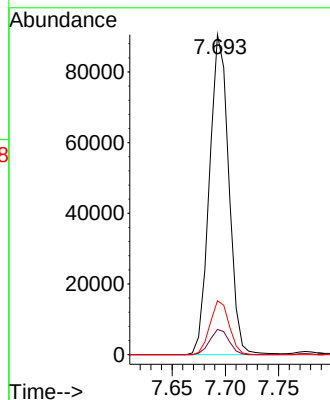
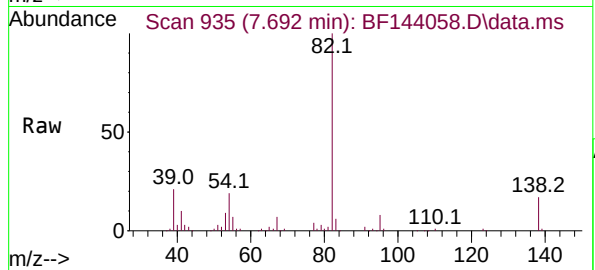




#25
Isophorone
Concen: 10.366 ng
RT: 7.692 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

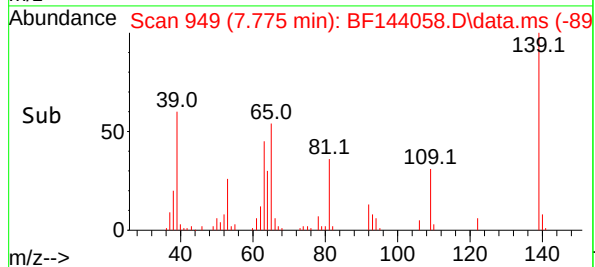
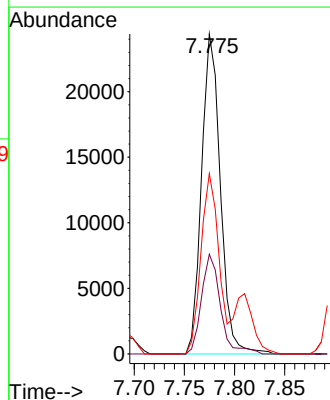
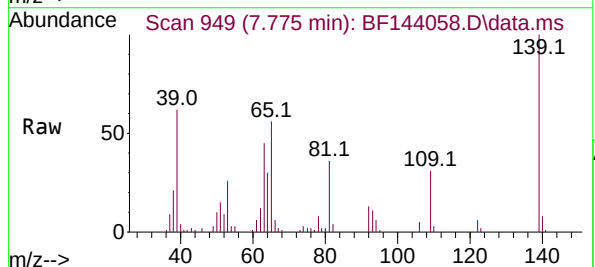
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

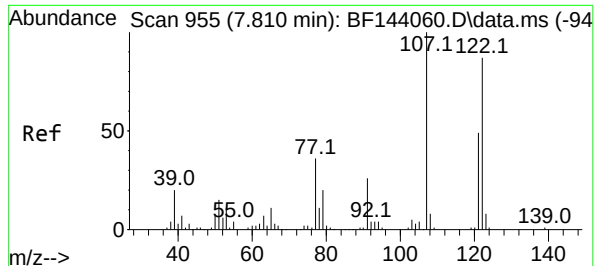
Tgt Ion: 82 Resp: 114333
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 16.8 13.8 20.8



#26
2-Nitrophenol
Concen: 9.992 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:139 Resp: 31721
Ion Ratio Lower Upper
139 100
109 31.1 24.6 37.0
65 56.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 10.215 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

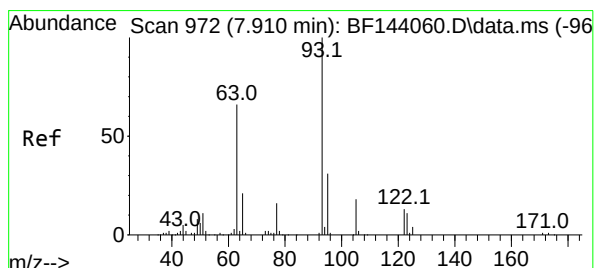
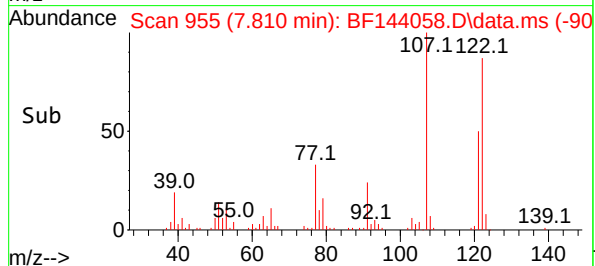
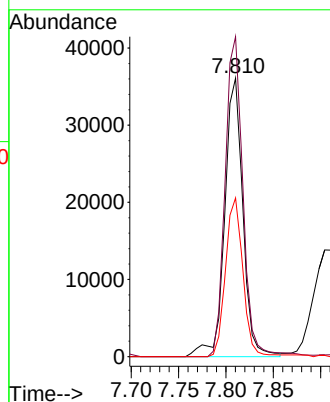
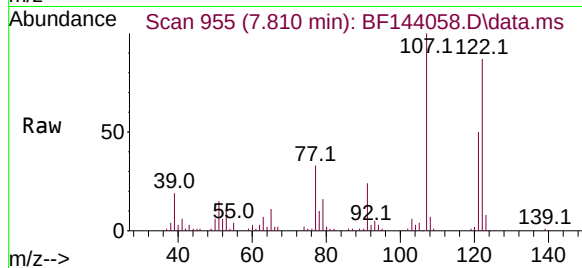
Tgt Ion:122 Resp: 48192

Ion Ratio Lower Upper

122 100

107 114.9 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.241 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

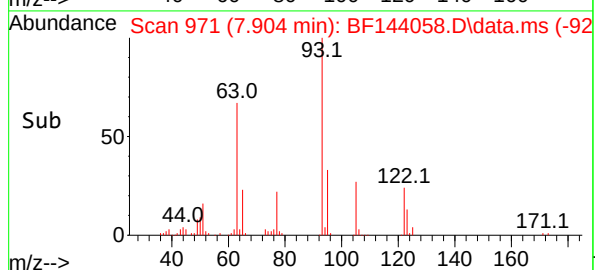
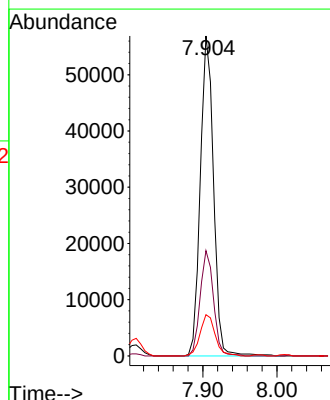
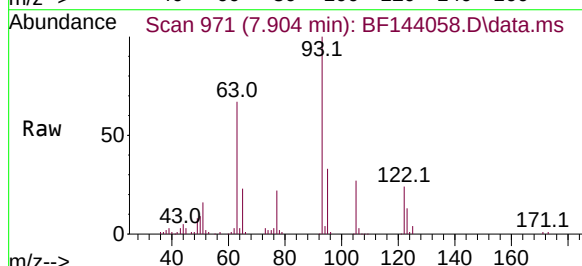
Tgt Ion: 93 Resp: 70437

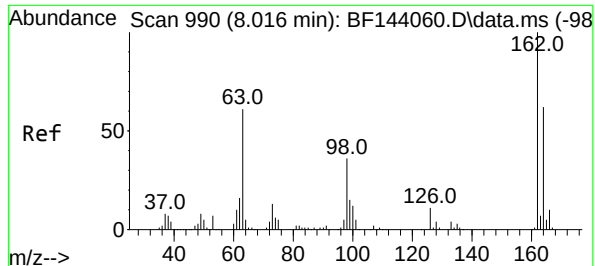
Ion Ratio Lower Upper

93 100

95 32.9 24.6 36.8

123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 10.858 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

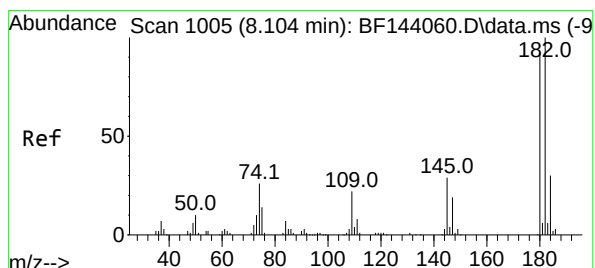
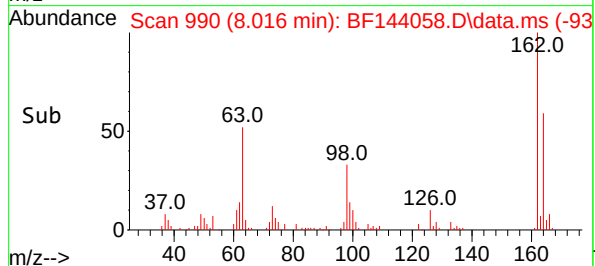
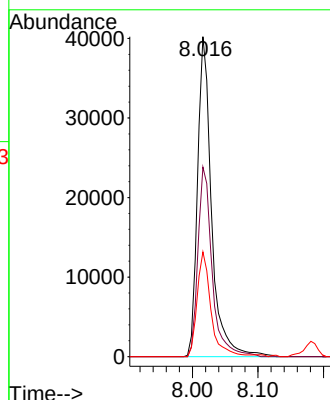
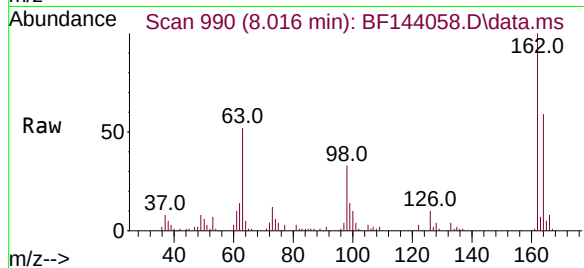
Tgt Ion:162 Resp: 59570

Ion Ratio Lower Upper

162 100

164 59.2 42.1 82.1

98 32.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 10.367 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

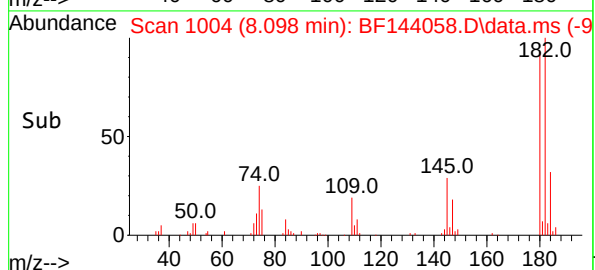
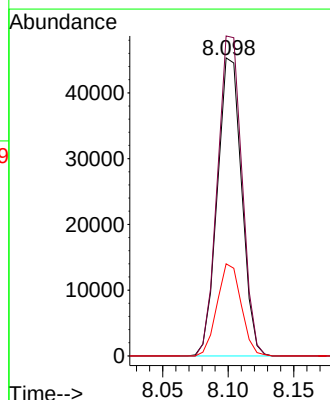
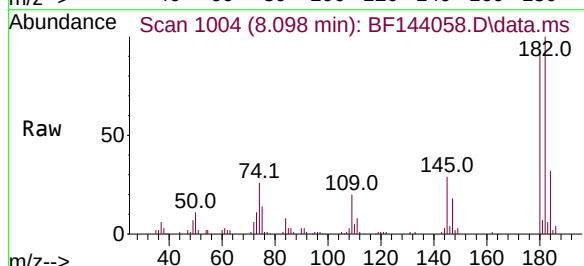
Tgt Ion:180 Resp: 58514

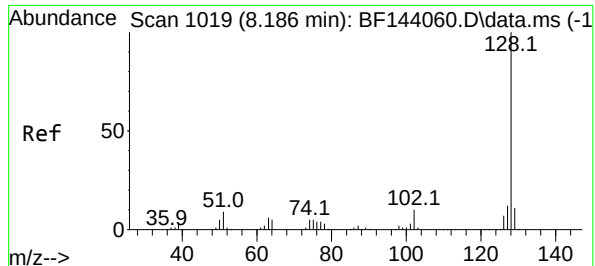
Ion Ratio Lower Upper

180 100

182 107.4 87.1 130.7

145 30.9 25.3 37.9

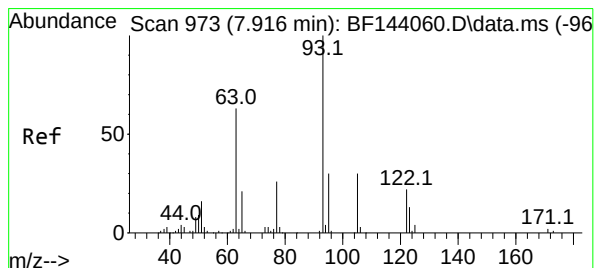
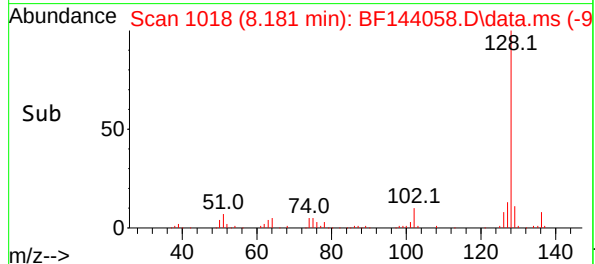
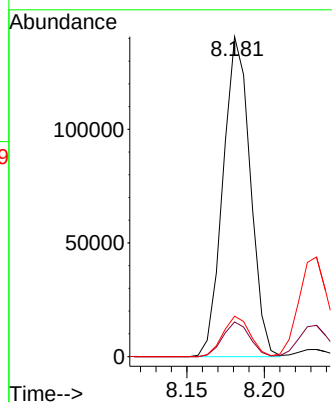
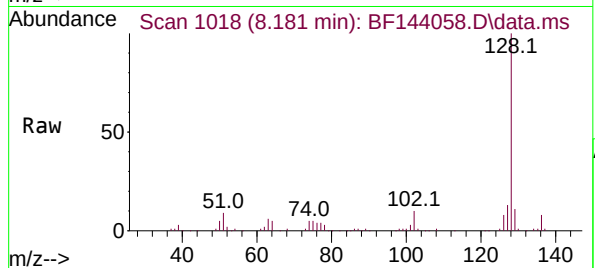




#31
Naphthalene
Concen: 10.618 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

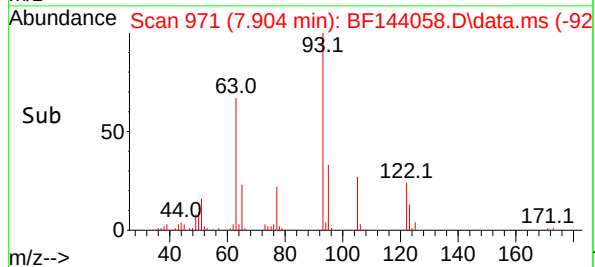
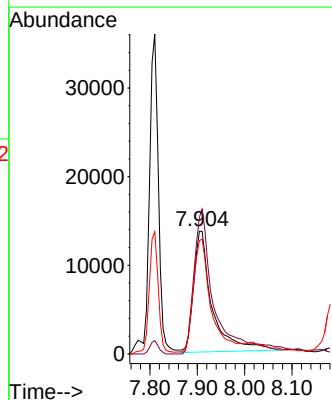
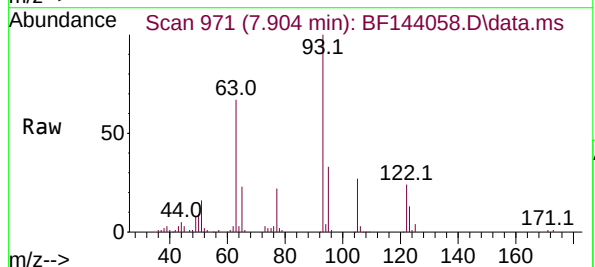
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

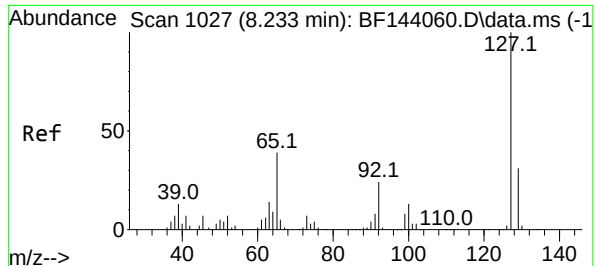
Tgt Ion:128 Resp: 173217
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.6 9.9 14.9



#32
Benzoic acid
Concen: 12.520 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:122 Resp: 37467
Ion Ratio Lower Upper
122 100
105 111.5 111.3 151.3
77 92.4 96.7 136.7#

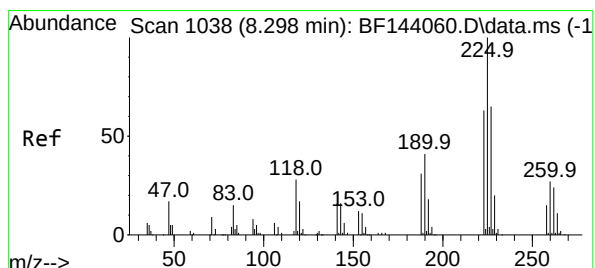
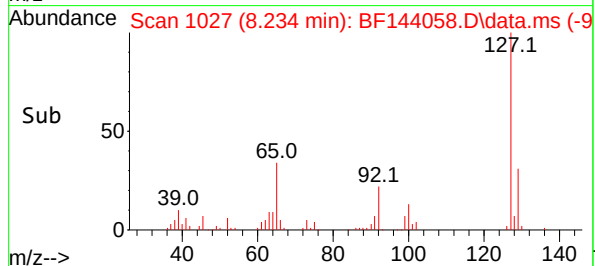
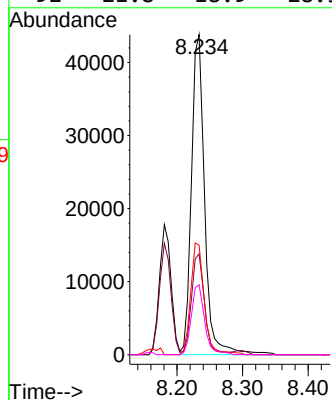
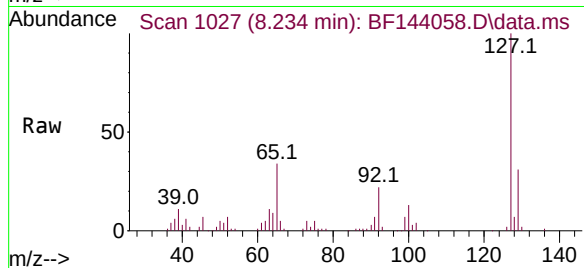




#33
4-Chloroaniline
Concen: 10.837 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

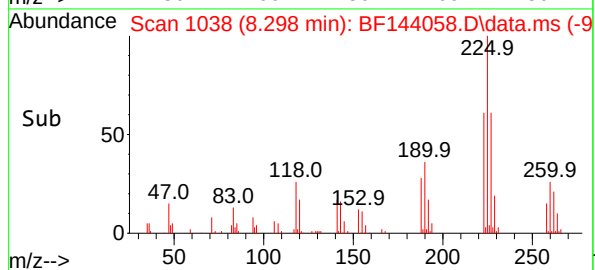
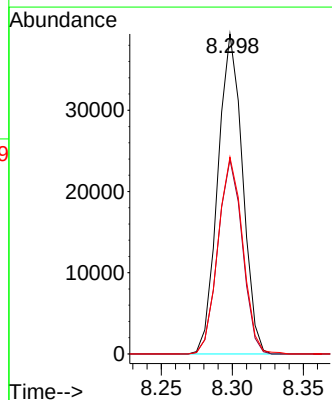
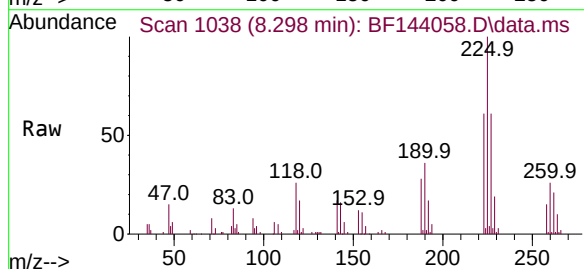
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

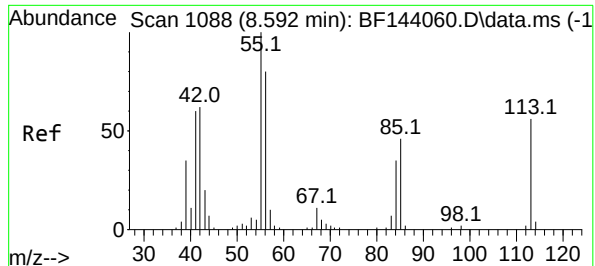
Tgt Ion:127	Resp:	61541
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.6 38.4
65	34.2	30.9 46.3
92	21.8	18.9 28.3



#34
Hexachlorobutadiene
Concen: 10.323 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:225	Resp:	47643
Ion Ratio	Lower	Upper
225	100	
223	60.7	50.6 76.0
227	61.5	51.8 77.8

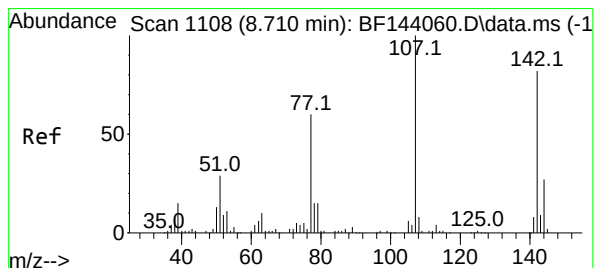
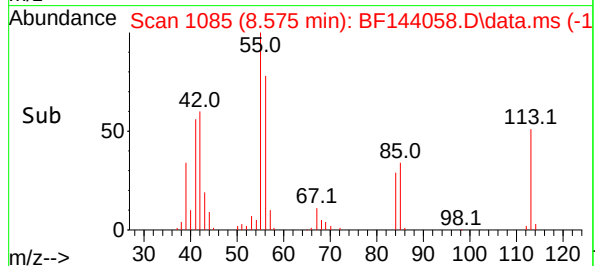
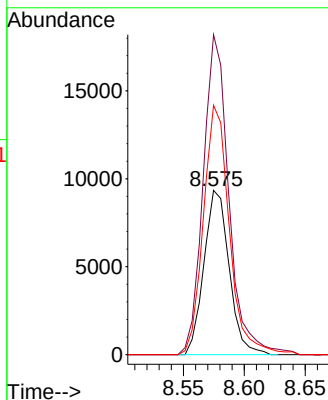
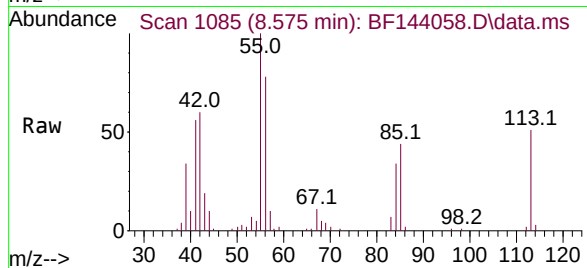




#35
Caprolactam
Concen: 9.779 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.017 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

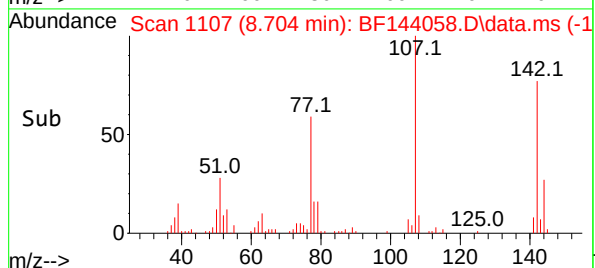
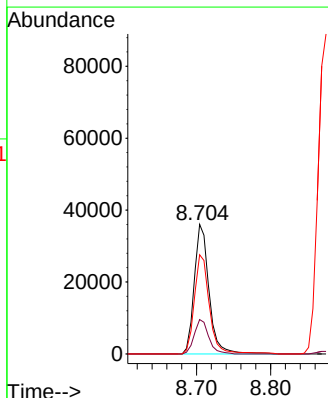
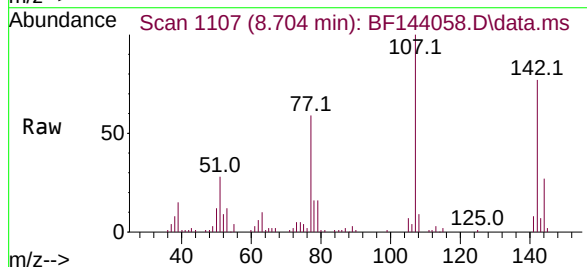
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

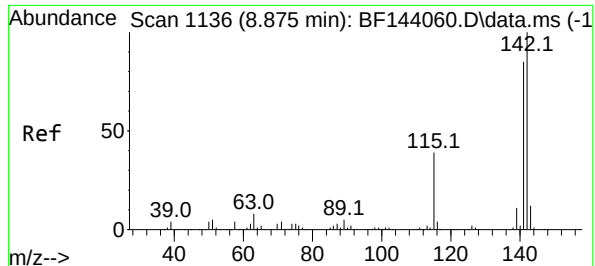
Tgt Ion:113 Resp: 13454
Ion Ratio Lower Upper
113 100
55 194.9 160.1 200.1
56 151.9 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 10.327 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:107 Resp: 50000
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 76.6 65.4 98.0





#37

2-Methylnaphthalene

Concen: 10.507 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

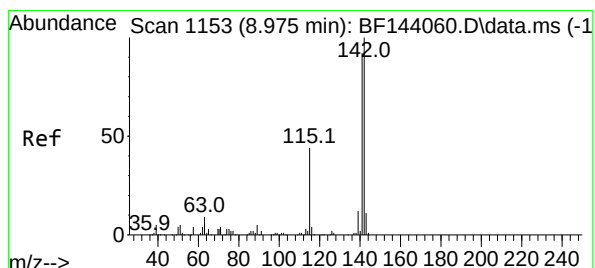
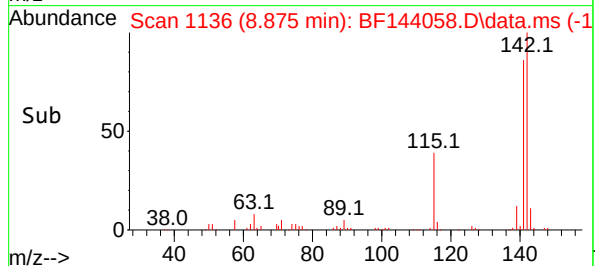
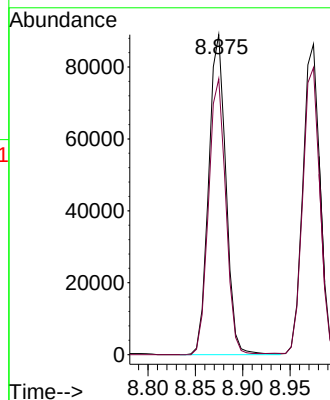
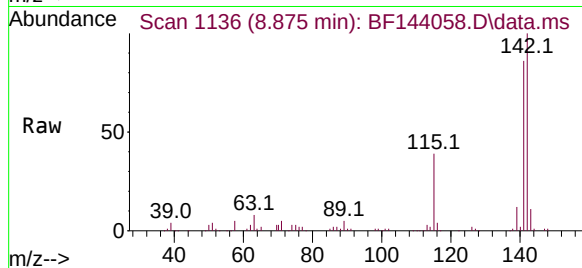
SSTDICC010

Tgt Ion:142 Resp: 113005

Ion Ratio Lower Upper

142 100

141 86.2 67.6 101.4



#38

1-Methylnaphthalene

Concen: 10.642 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144058.D

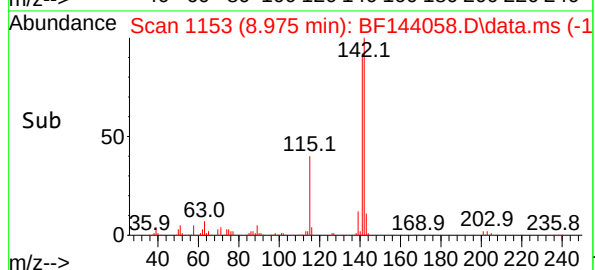
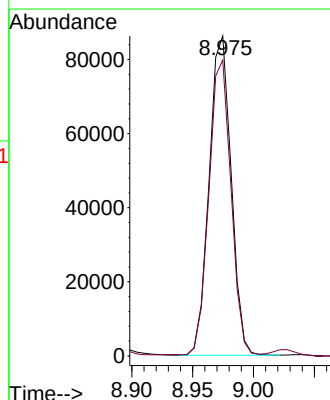
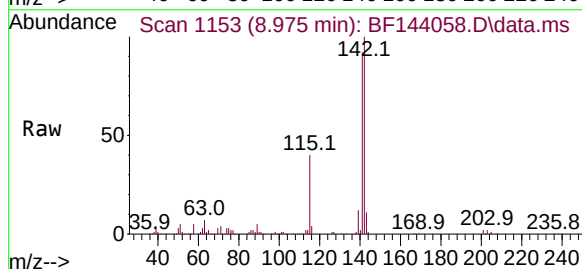
Acq: 24 Oct 2025 11:39

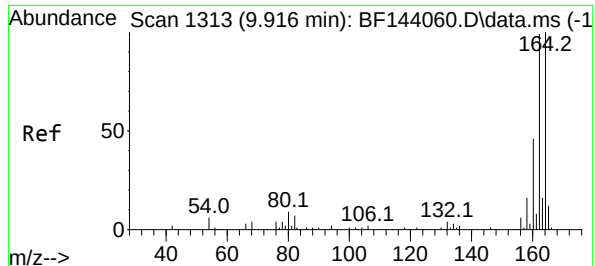
Tgt Ion:142 Resp: 108437

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2

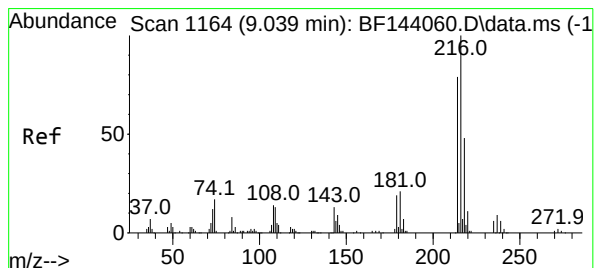
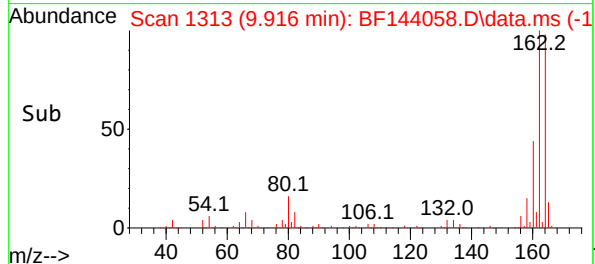
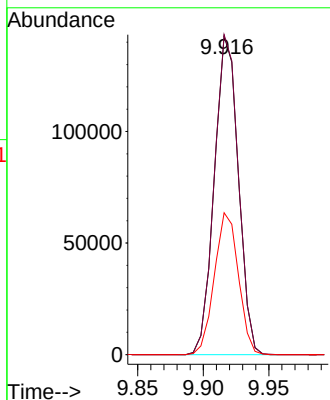
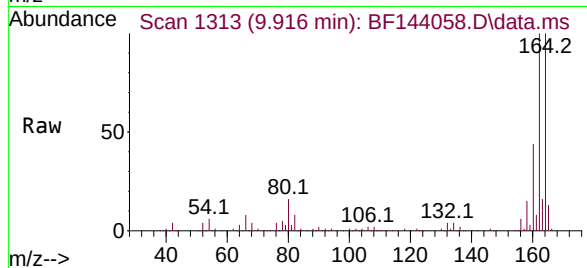




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

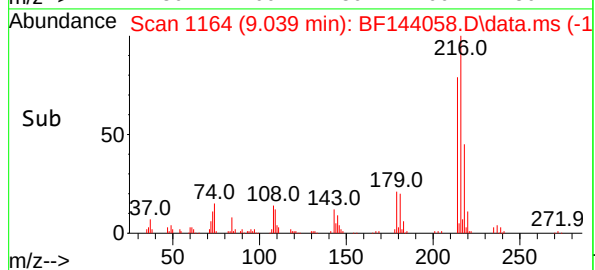
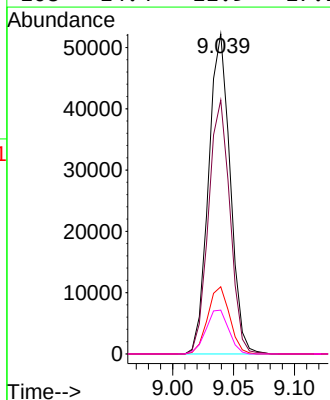
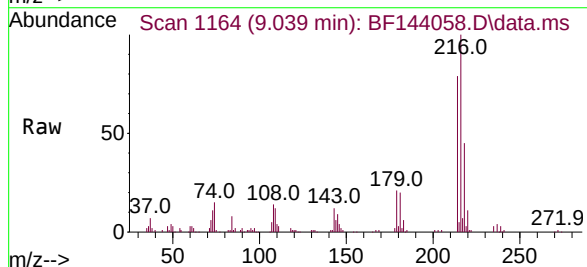
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

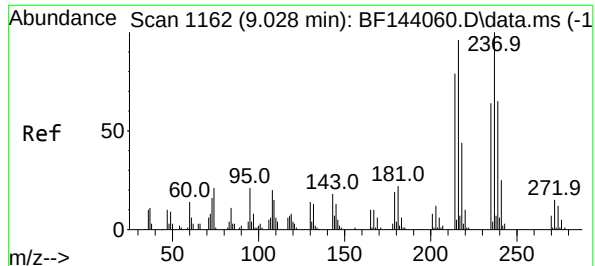
Tgt Ion:164 Resp: 181955
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 44.5 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.283 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

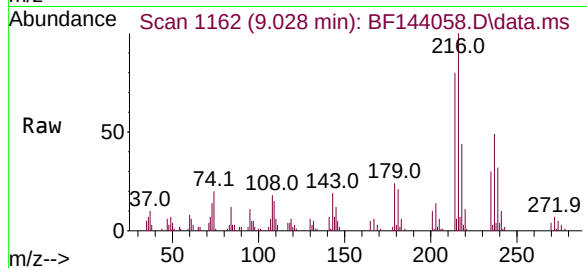
Tgt Ion:216 Resp: 64302
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 21.3 15.2 22.8
108 14.4 11.9 17.9



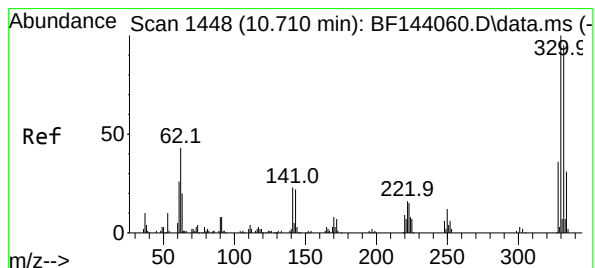
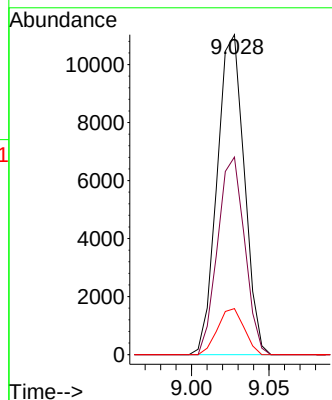
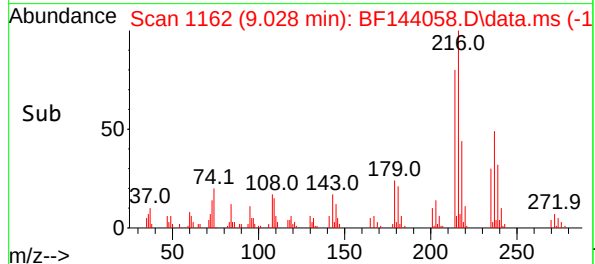


#41
Hexachlorocyclopentadiene
Concen: 6.972 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

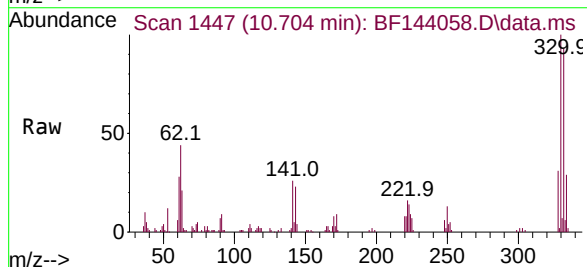
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



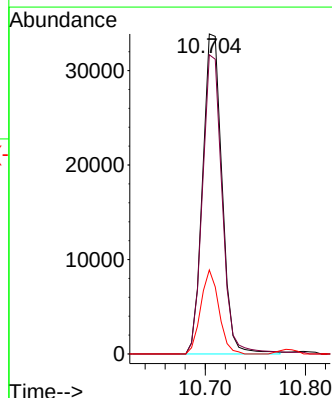
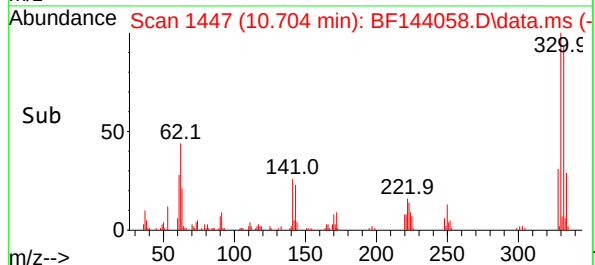
Tgt Ion:237 Resp: 13467
Ion Ratio Lower Upper
237 100
235 61.7 44.3 84.3
272 14.4 0.0 35.2

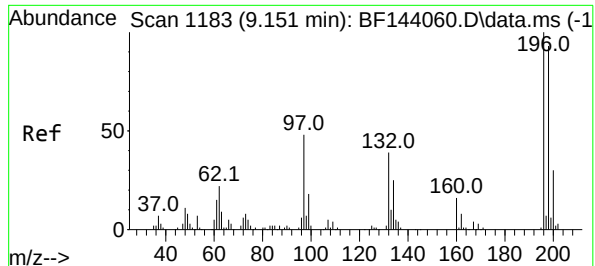


#42
2,4,6-Tribromophenol
Concen: 19.574 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39



Tgt Ion:330 Resp: 45367
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 24.4 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 10.000 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

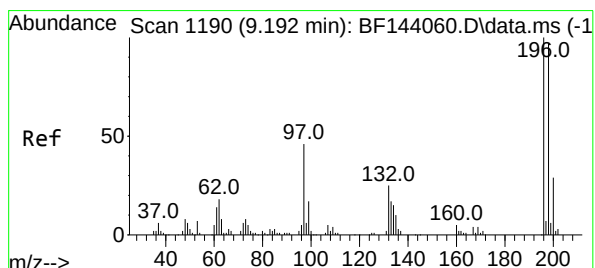
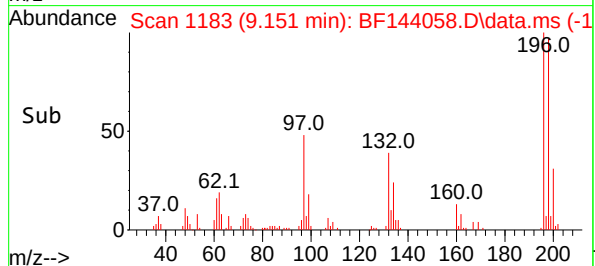
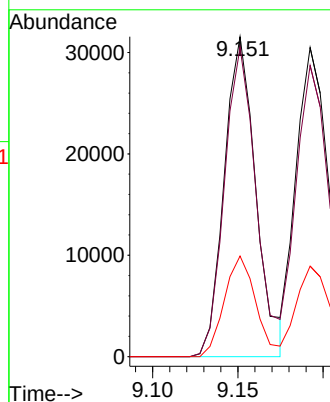
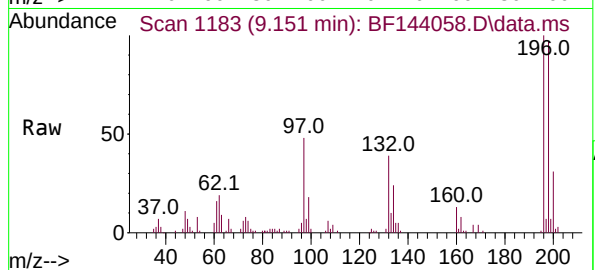
Tgt Ion:196 Resp: 40647

Ion Ratio Lower Upper

196 100

198 96.6 74.4 111.6

200 31.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 10.341 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:196 Resp: 44114

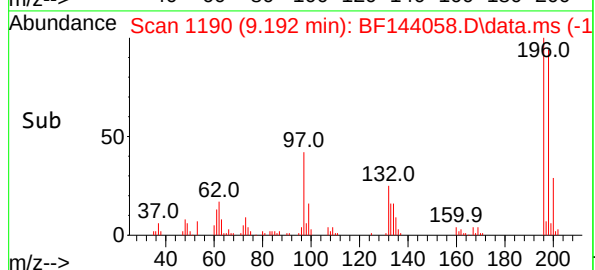
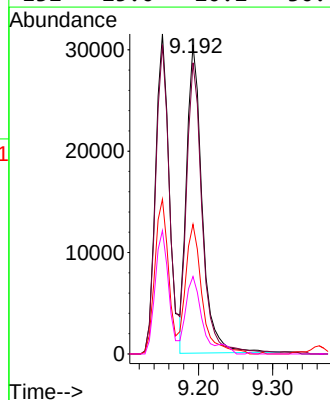
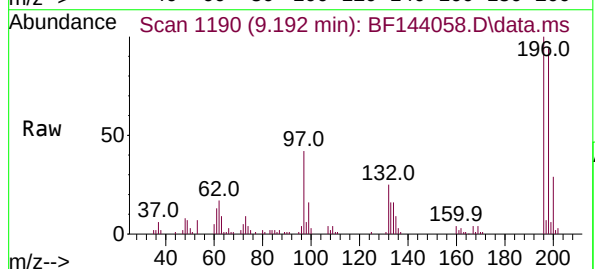
Ion Ratio Lower Upper

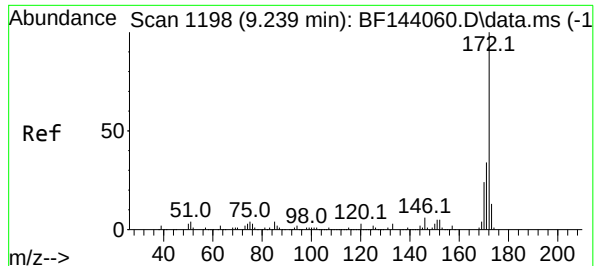
196 100

198 94.2 78.0 117.0

97 41.9 37.7 56.5

132 25.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 21.152 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

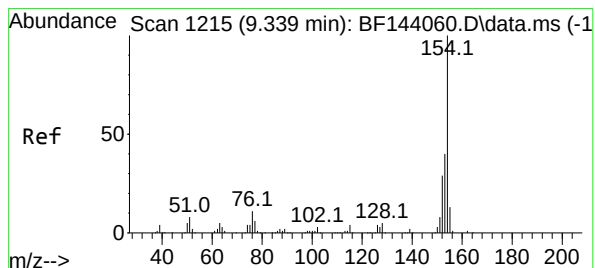
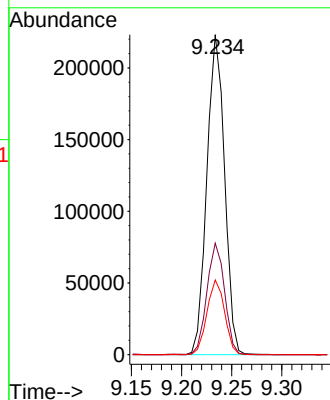
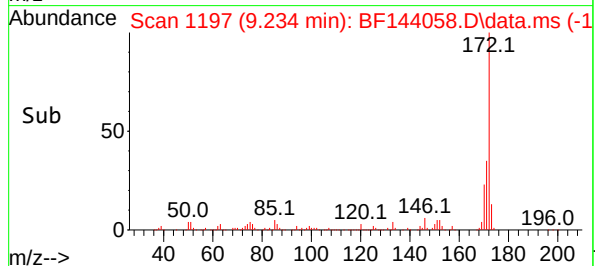
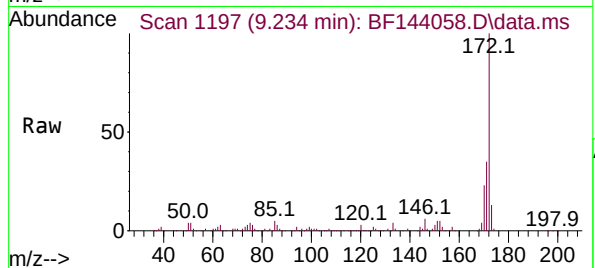
Tgt Ion:172 Resp: 273504

Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 10.704 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

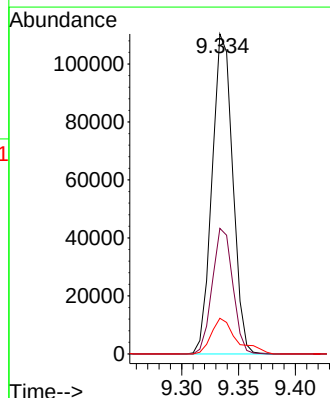
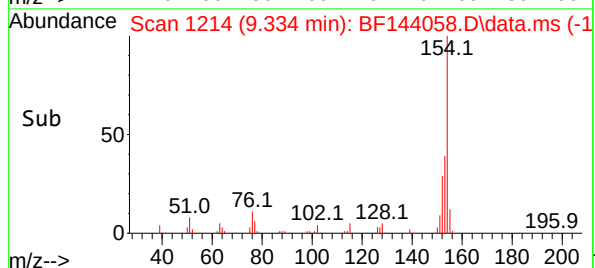
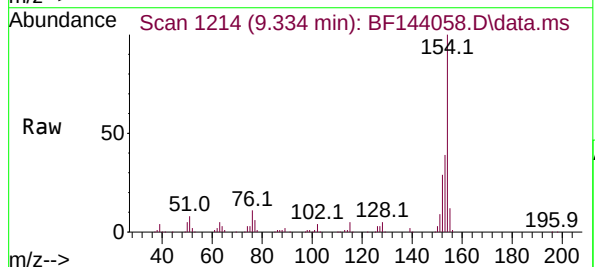
Tgt Ion:154 Resp: 139423

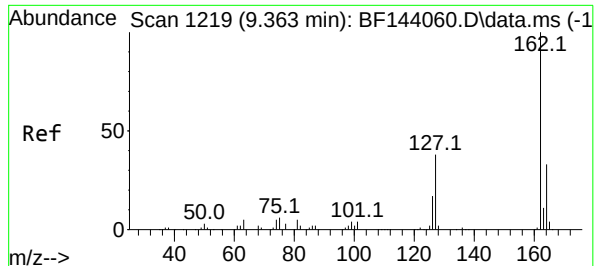
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 10.540 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF144058.D

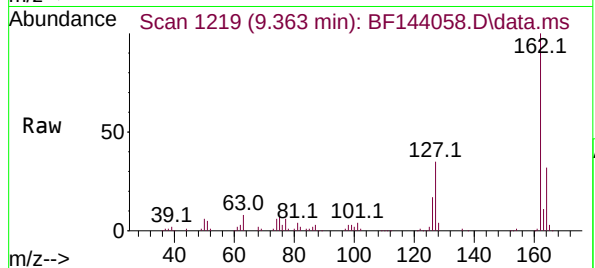
Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



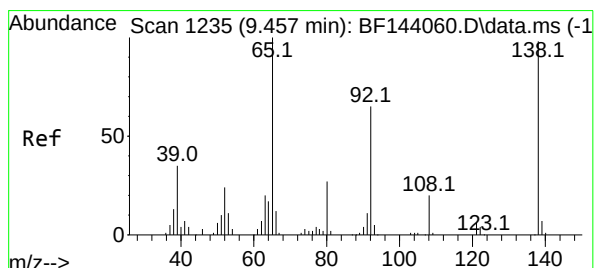
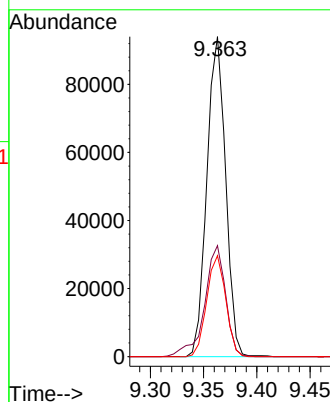
Tgt Ion:162 Resp: 115014

Ion Ratio Lower Upper

162 100

127 34.7 31.6 47.4

164 31.5 26.5 39.7



#48

2-Nitroaniline

Concen: 10.076 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

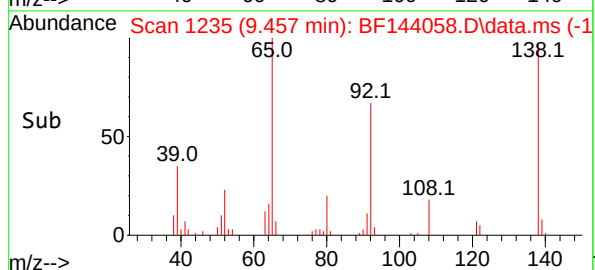
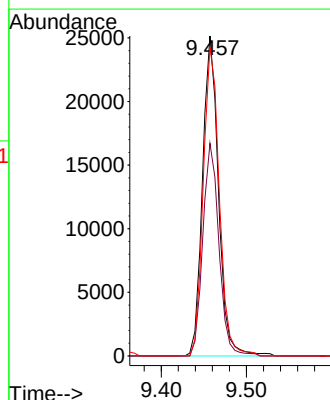
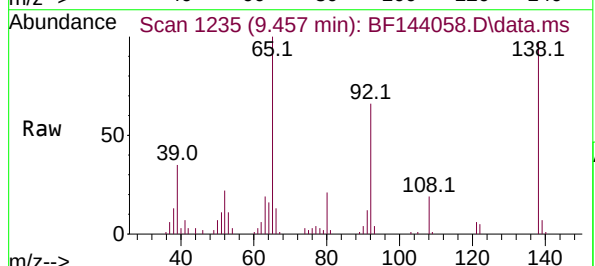
Tgt Ion: 65 Resp: 32649

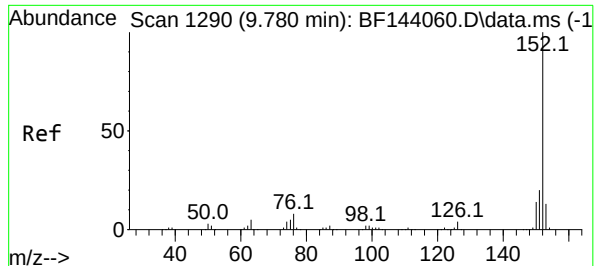
Ion Ratio Lower Upper

65 100

92 66.4 52.3 78.5

138 96.6 78.3 117.5





#49

Acenaphthylene

Concen: 10.470 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

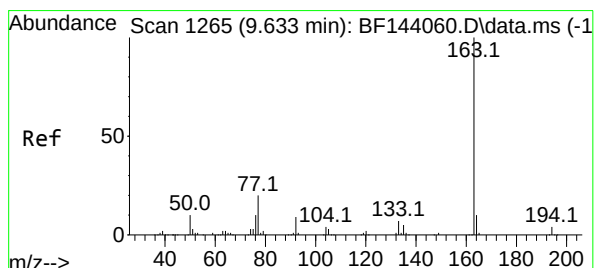
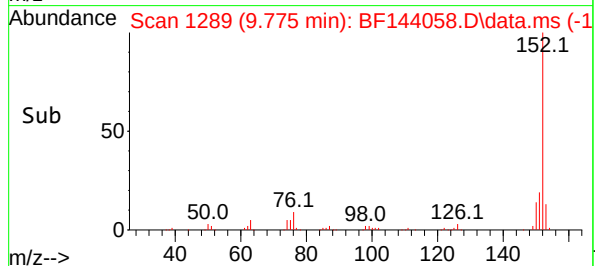
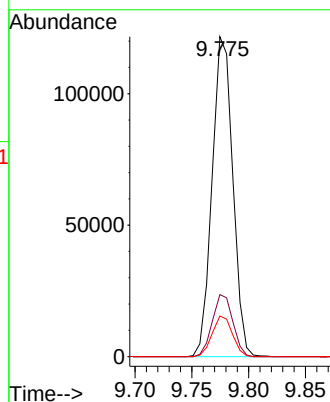
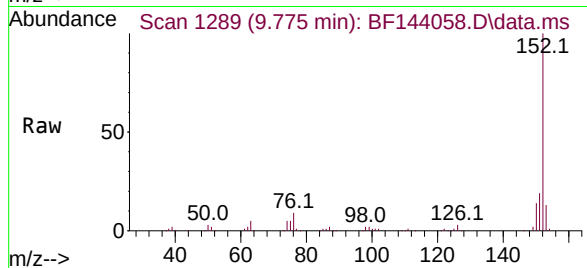
Tgt Ion:152 Resp: 154058

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

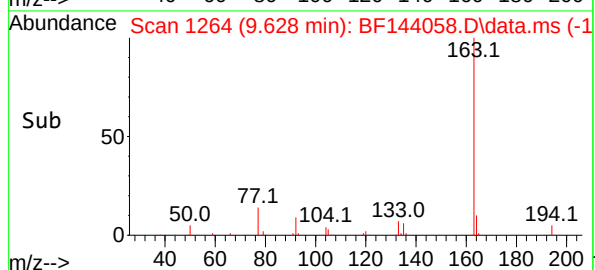
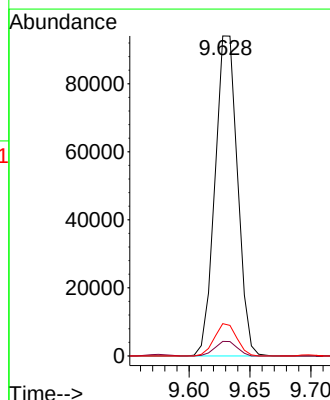
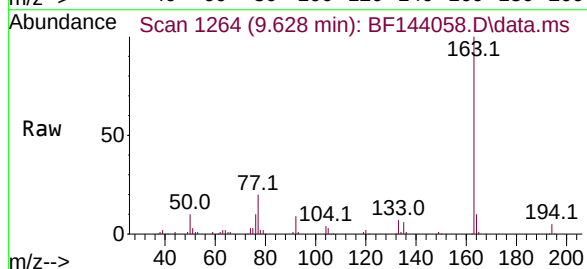
Tgt Ion:163 Resp: 120856

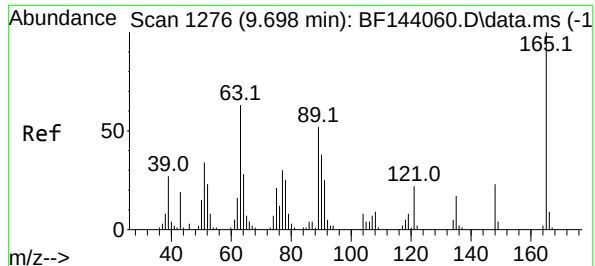
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.1 7.8 11.8

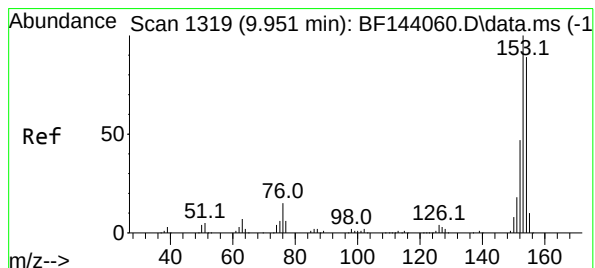
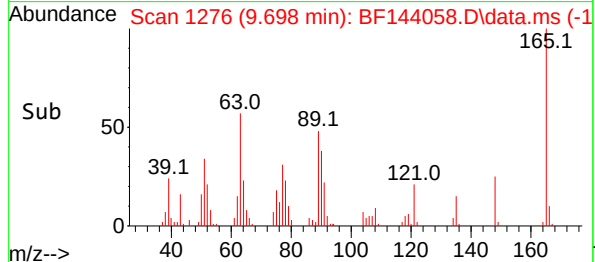
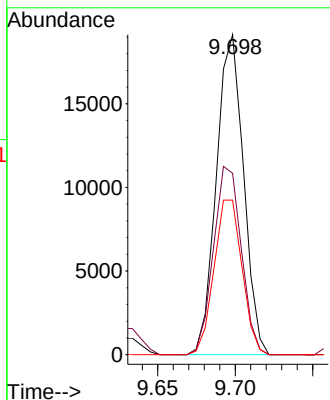
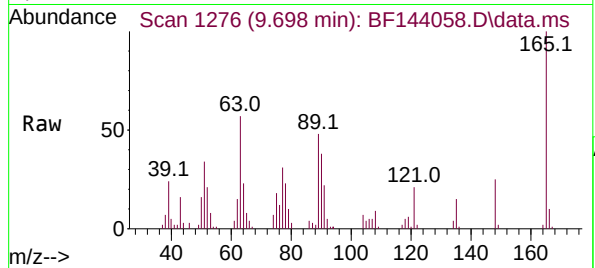




#51
2,6-Dinitrotoluene
Concen: 9.899 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

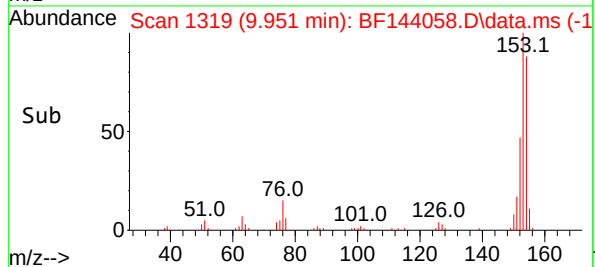
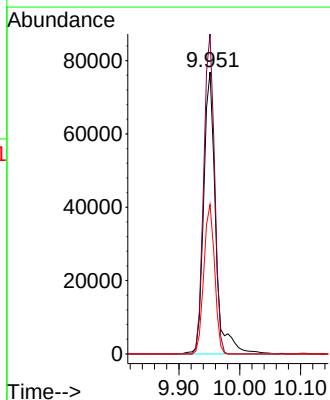
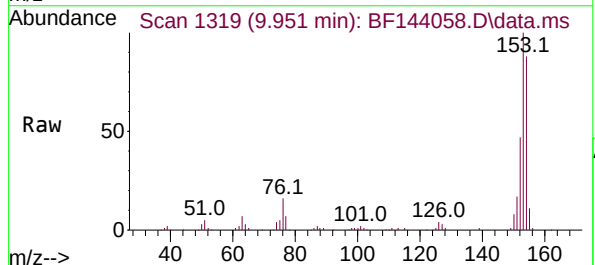
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

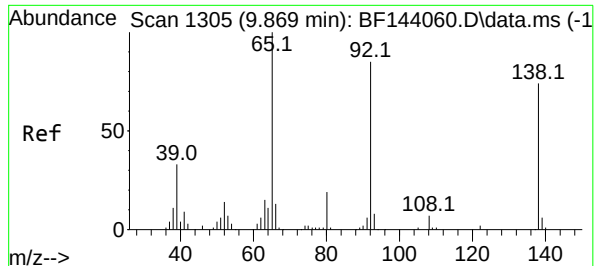
Tgt Ion	165	Resp	23341
Ion Ratio	Lower	Upper	
165	100		
63	56.7	50.4	75.6
89	48.3	41.4	62.2



#52
Acenaphthene
Concen: 10.671 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	154	Resp	104855
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.9	134.9
152	53.0	42.0	63.0

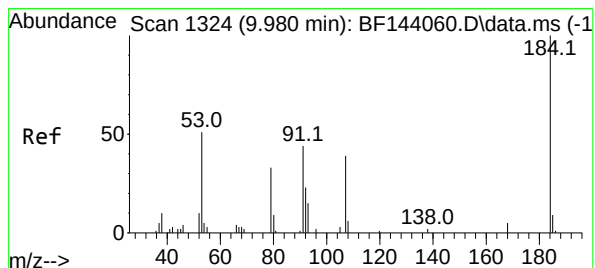
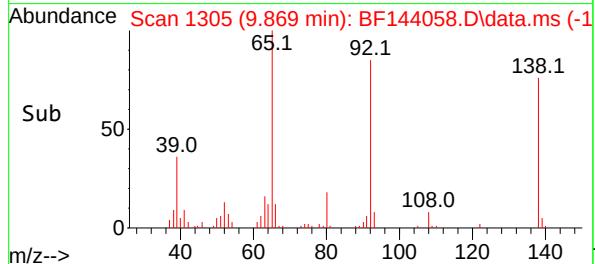
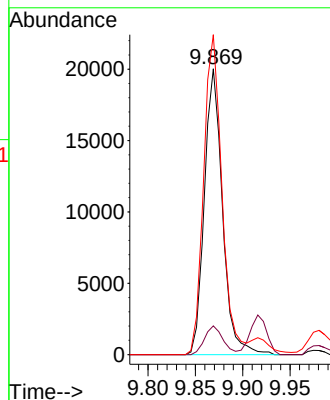
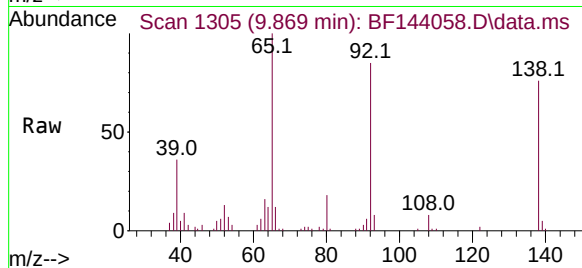




#53
3-Nitroaniline
Concen: 10.196 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

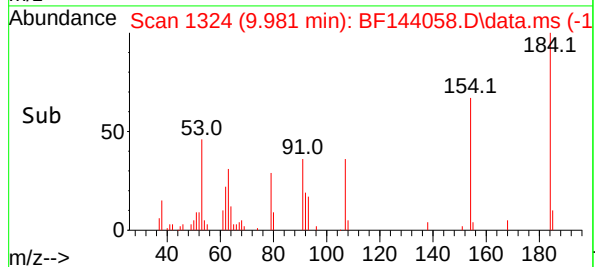
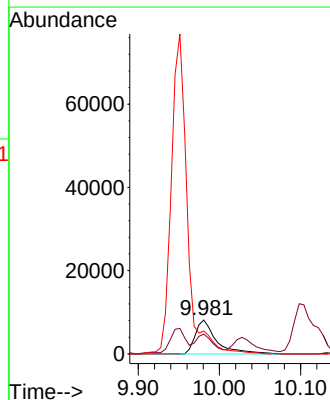
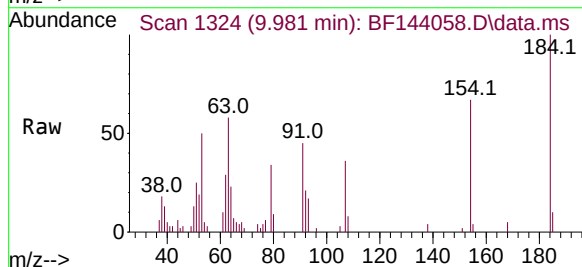
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

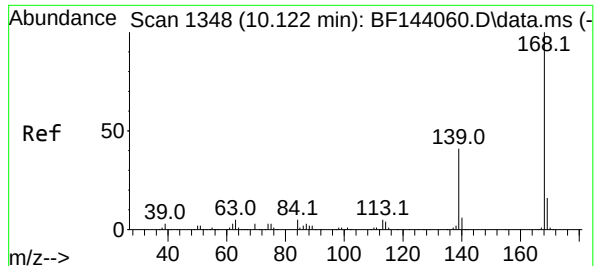
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	111.9	92.0	138.0



#54
2,4-Dinitrophenol
Concen: 11.496 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	52.1	78.1
154	67.4	47.9	71.9

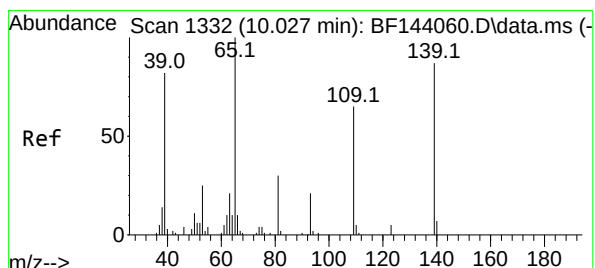
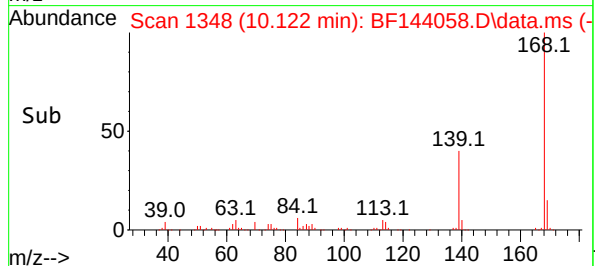
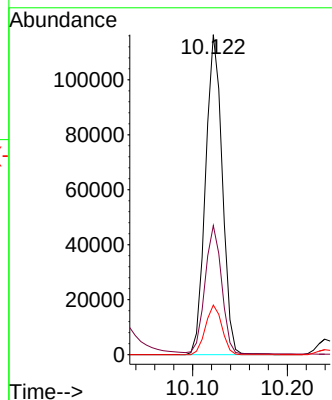
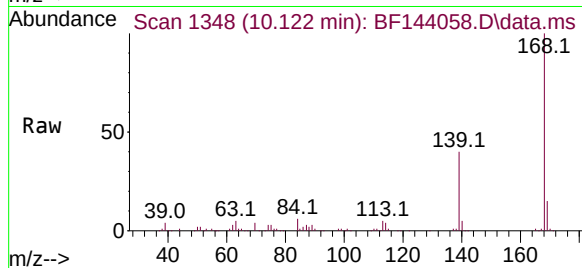




#55
Dibenzenofuran
Concen: 10.481 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

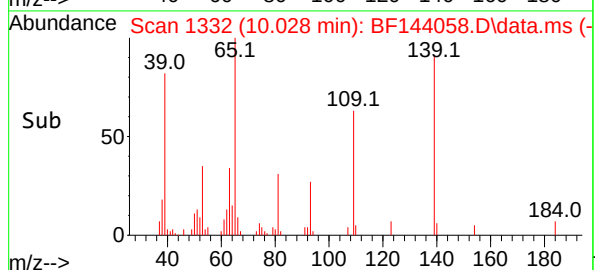
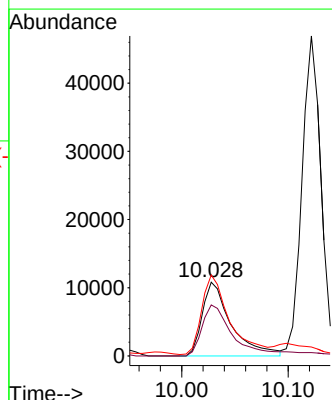
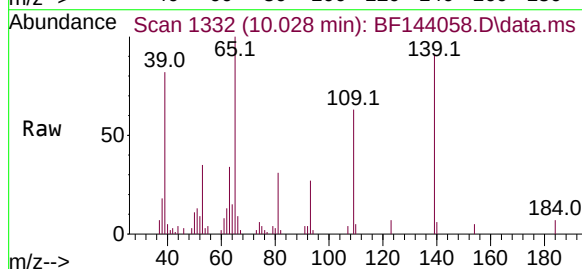
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

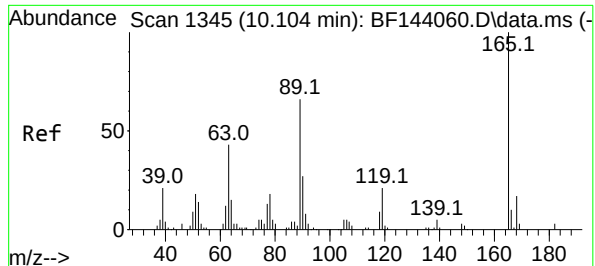
Tgt Ion:168 Resp: 142976
Ion Ratio Lower Upper
168 100
139 40.3 33.2 49.8
169 15.5 12.6 19.0



#56
4-Nitrophenol
Concen: 11.482 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

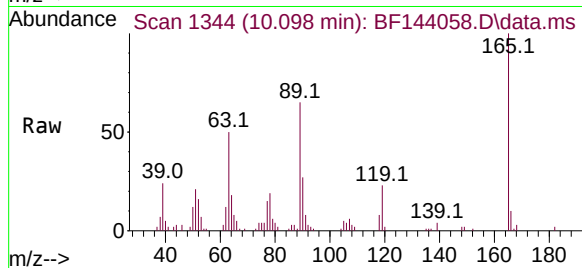
Tgt Ion:139 Resp: 20383
Ion Ratio Lower Upper
139 100
109 69.1 53.8 93.8
65 109.7 95.9 135.9



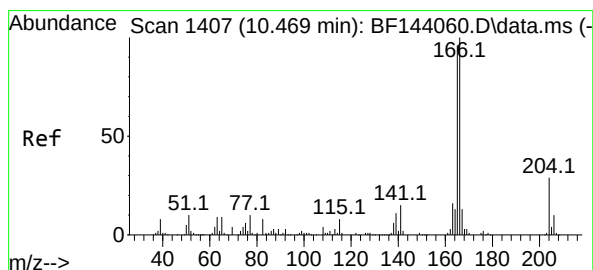
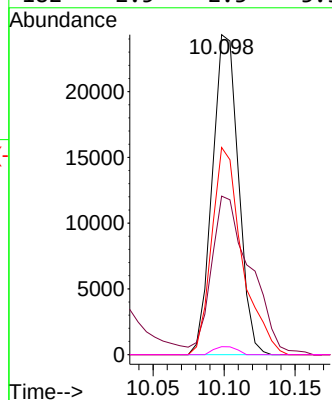
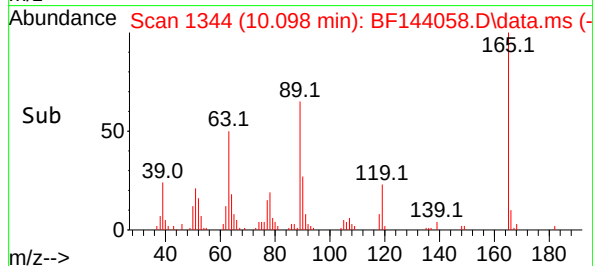


#57
2,4-Dinitrotoluene
Concen: 9.793 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

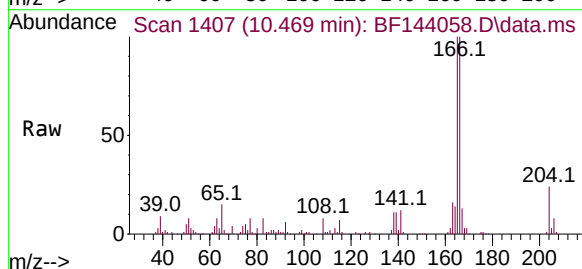
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



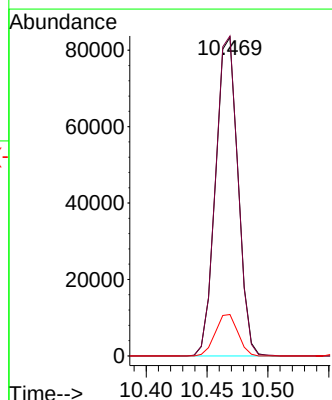
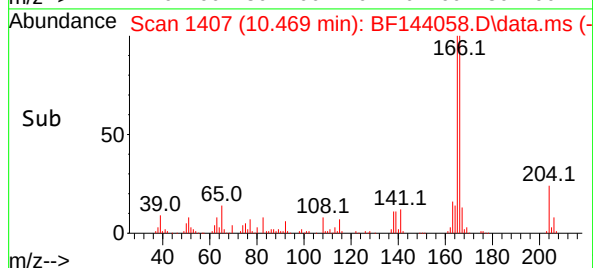
Tgt Ion:165 Resp: 31163
Ion Ratio Lower Upper
165 100
63 49.5 35.4 53.2
89 64.7 52.7 79.1
182 2.5 2.3 3.5

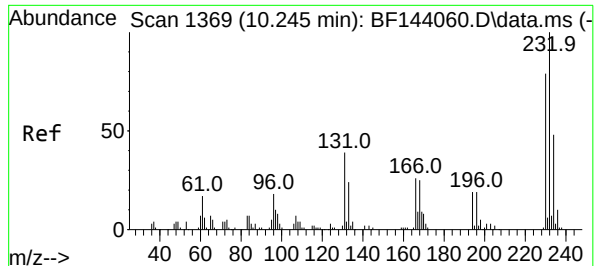


#58
Fluorene
Concen: 10.232 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39



Tgt Ion:166 Resp: 106355
Ion Ratio Lower Upper
166 100
165 100.5 77.0 115.4
167 13.0 10.2 15.4

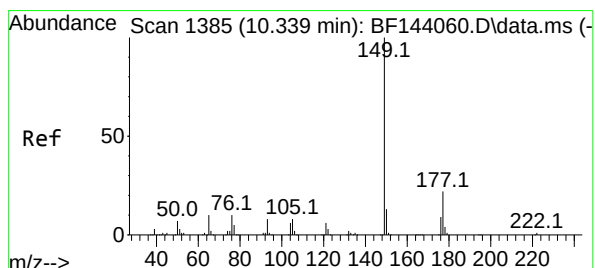
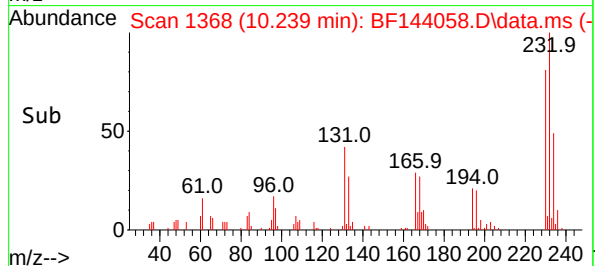
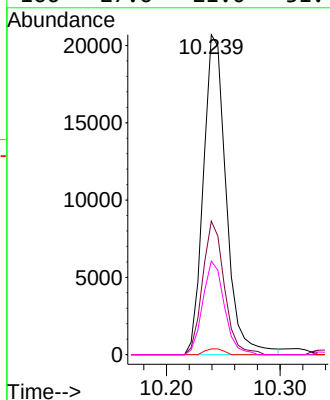
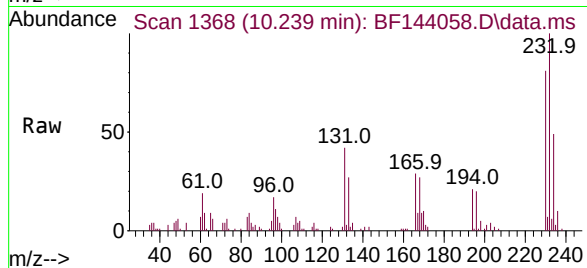




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.612 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

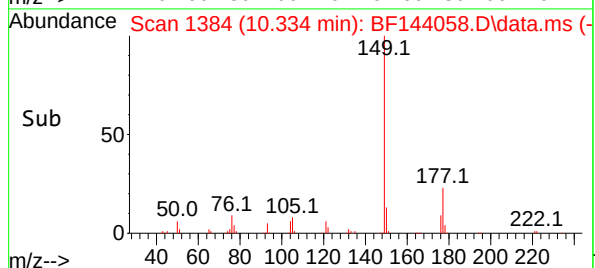
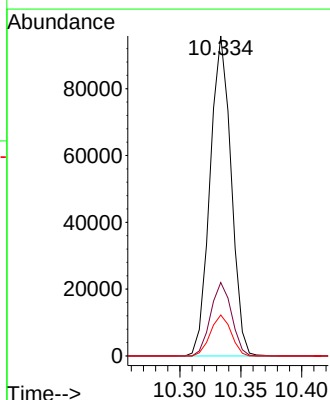
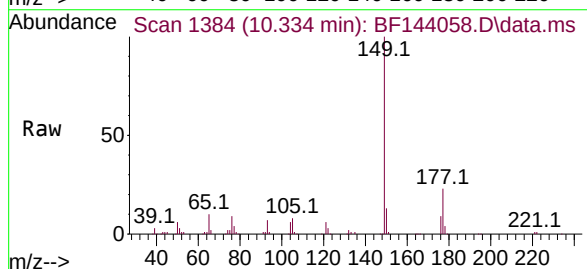
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

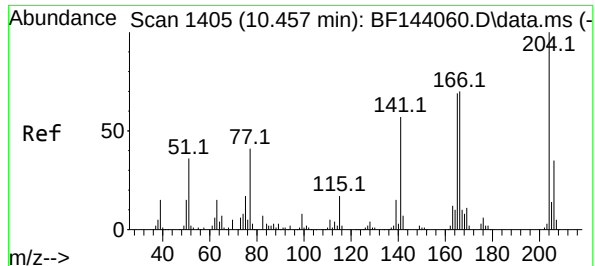
Tgt Ion:232 Resp: 28893
Ion Ratio Lower Upper
232 100
131 39.6 31.9 47.9
130 1.4 1.1 1.7
166 27.6 21.0 31.4



#60
Diethylphthalate
Concen: 10.256 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:149 Resp: 115029
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.8 10.1 15.1

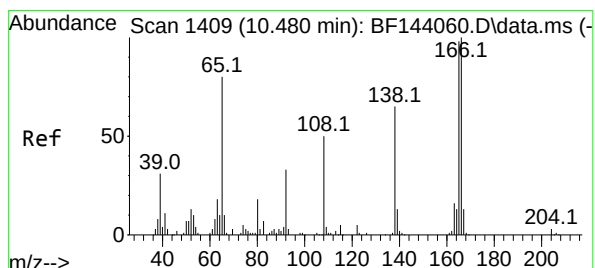
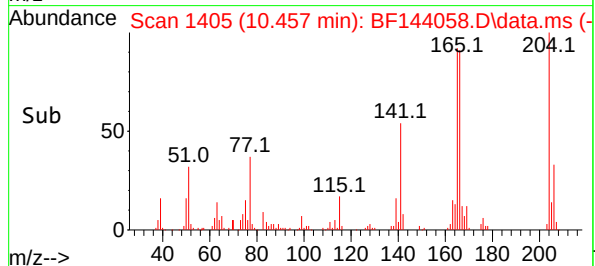
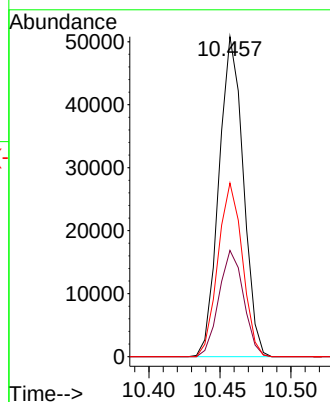
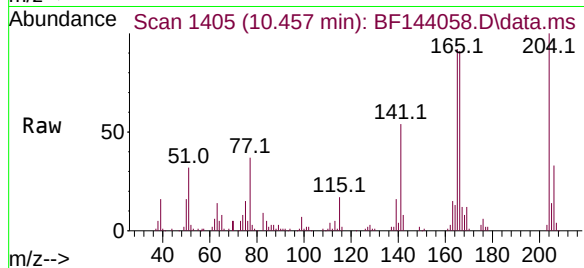




#61
4-Chlorophenyl-phenylether
Concen: 10.385 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

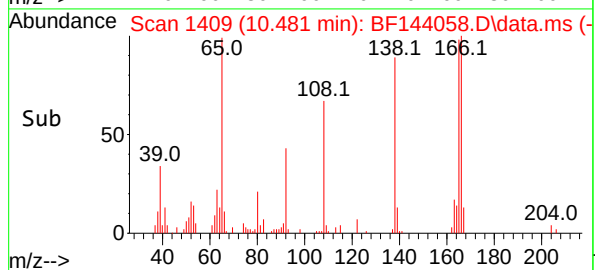
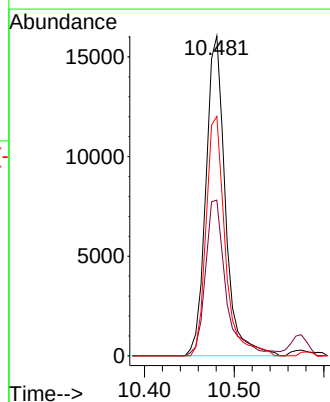
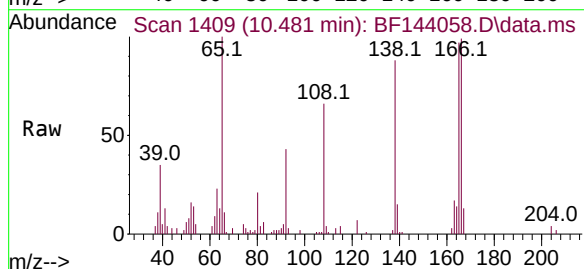
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

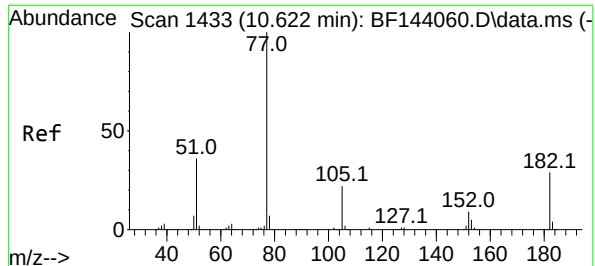
Tgt Ion:204 Resp: 60704
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.6
141 54.3 45.4 68.2



#62
4-Nitroaniline
Concen: 9.752 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:138 Resp: 24222
Ion Ratio Lower Upper
138 100
92 48.7 30.5 70.5
108 74.9 56.2 96.2

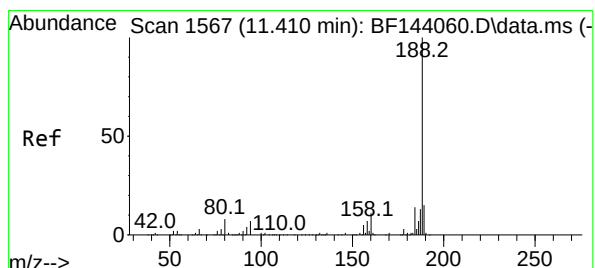
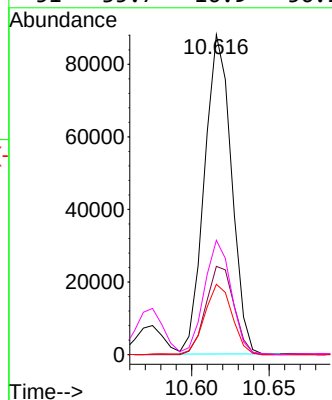
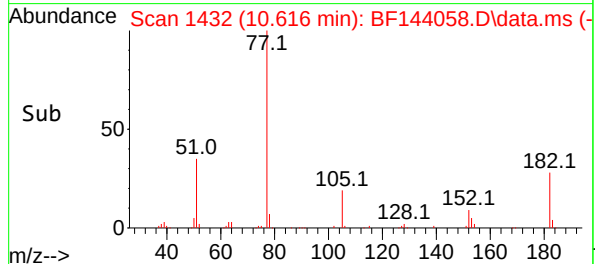
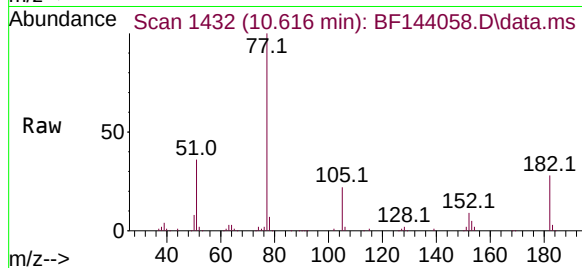




#63
Azobenzene
Concen: 10.095 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

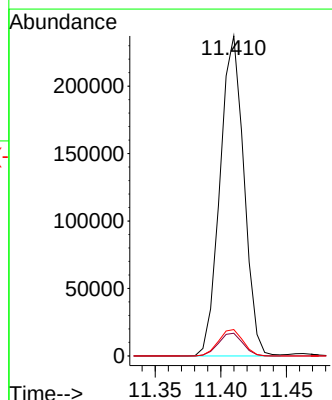
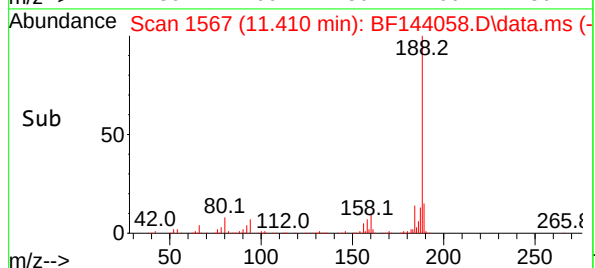
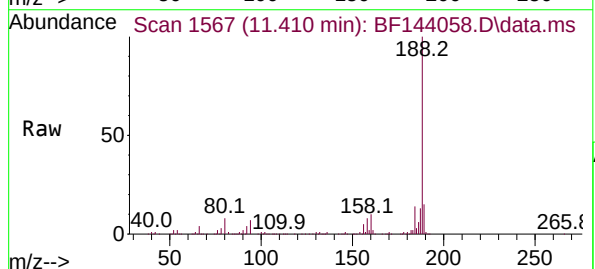
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

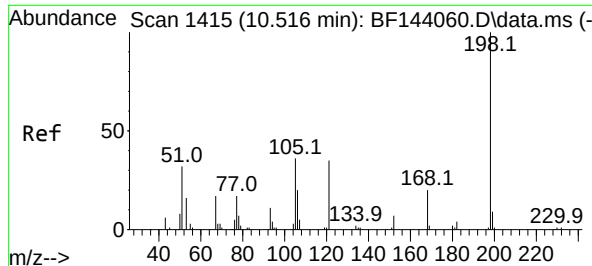
Tgt Ion: 77 Resp: 107163
Ion Ratio Lower Upper
77 100
182 27.6 9.0 49.0
105 22.0 1.4 41.4
51 35.7 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 188 Resp: 301308
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.2 6.0 9.0

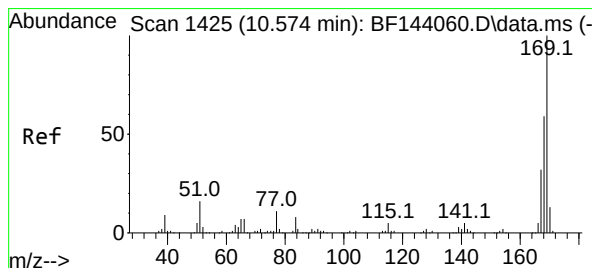
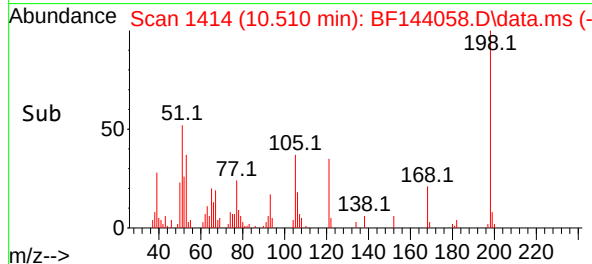
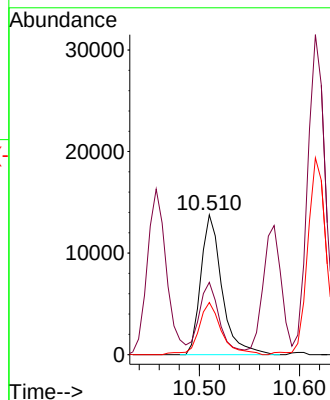
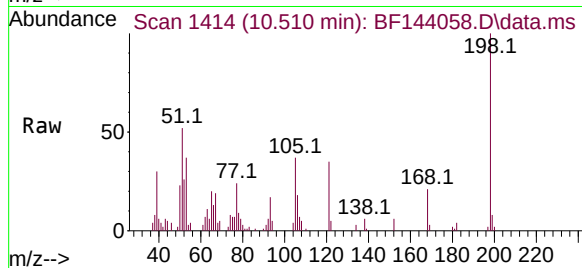




#65
4,6-Dinitro-2-methylphenol
Concen: 10.394 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

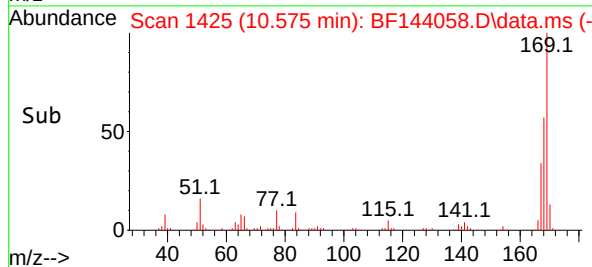
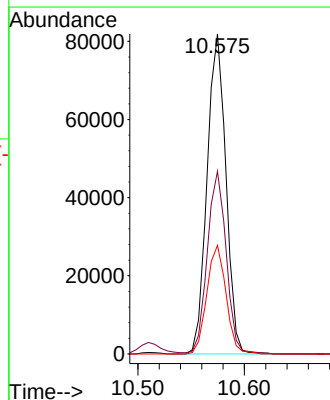
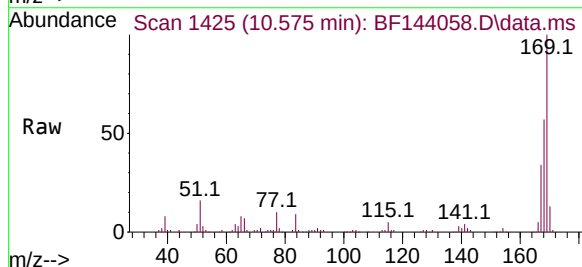
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

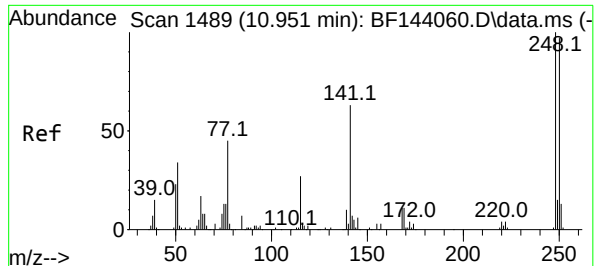
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	25.8	65.8
105	37.3	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 10.422 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.1	47.4	71.2
167	33.9	25.5	38.3

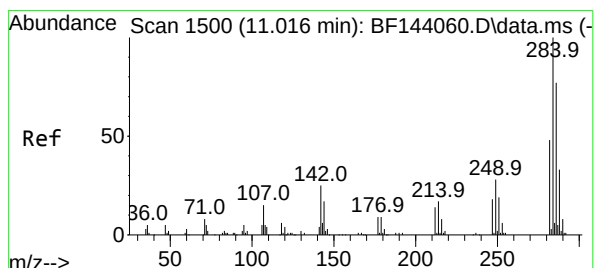
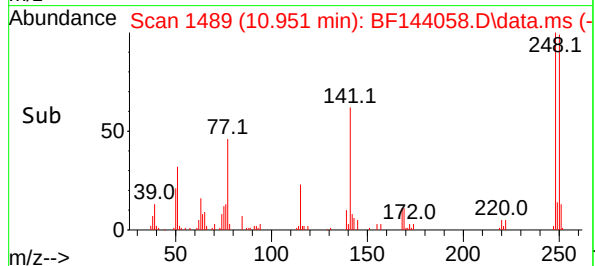
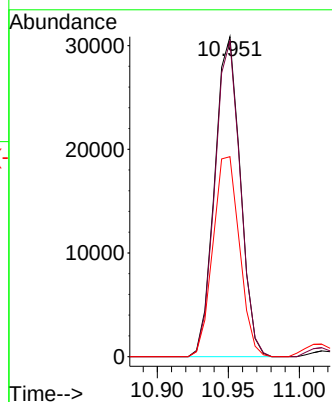
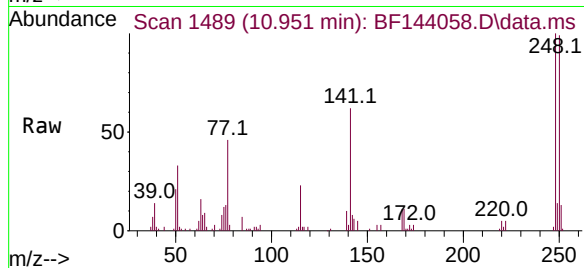




#67
4-Bromophenyl-phenylether
Concen: 10.242 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

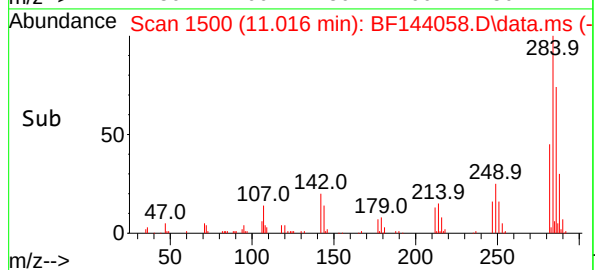
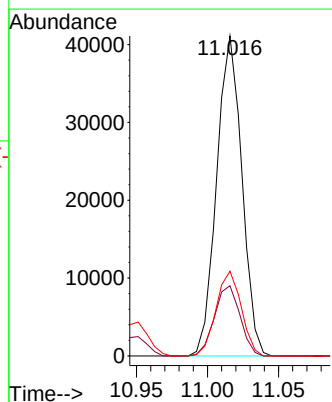
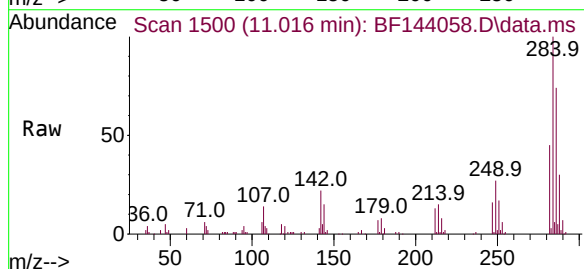
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

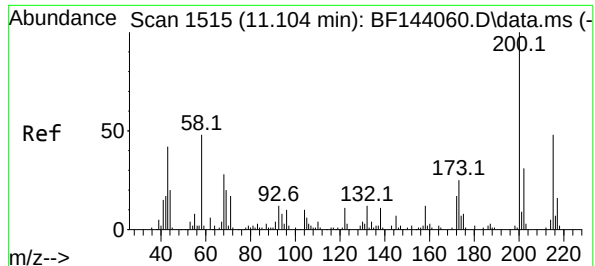
Tgt Ion:248 Resp: 38639
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 62.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 10.990 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:284 Resp: 50850
Ion Ratio Lower Upper
284 100
142 22.0 20.0 30.0
249 26.5 22.2 33.2





#69

Atrazine

Concen: 10.638 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

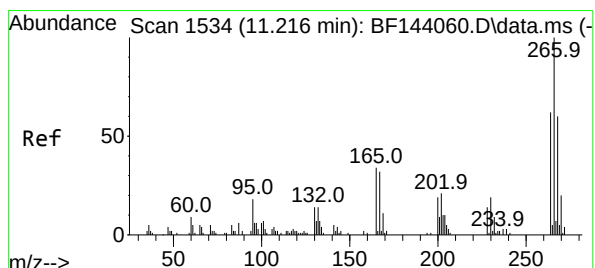
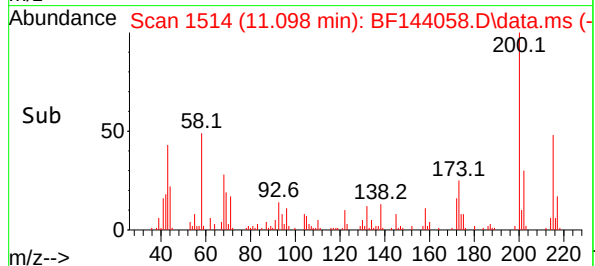
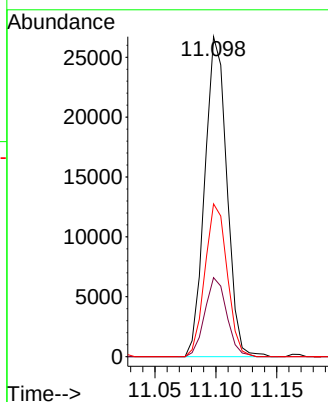
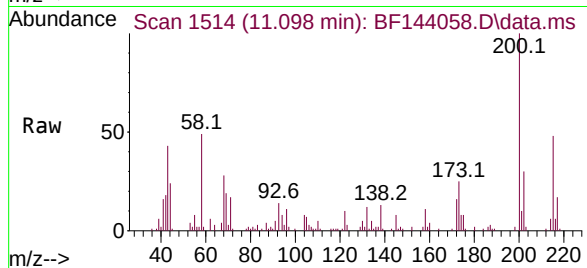
Tgt Ion:200 Resp: 33605

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 8.386 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

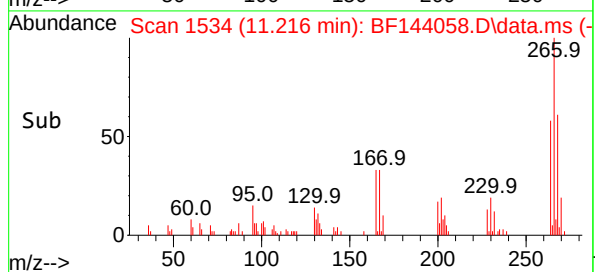
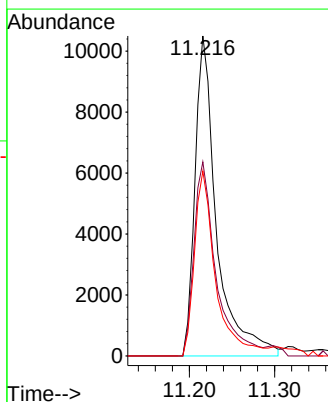
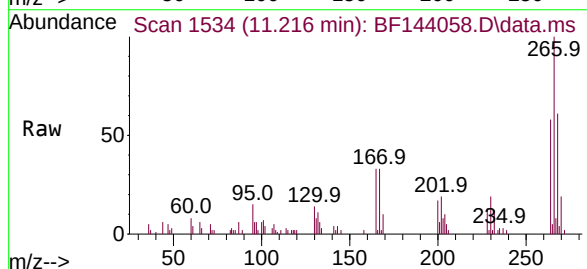
Tgt Ion:266 Resp: 18468

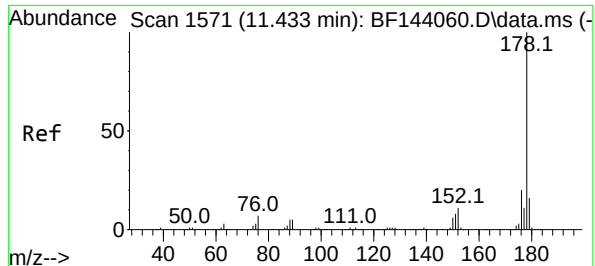
Ion Ratio Lower Upper

266 100

268 60.6 48.2 72.4

264 57.7 49.4 74.0

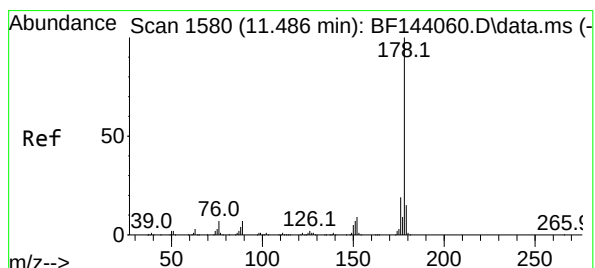
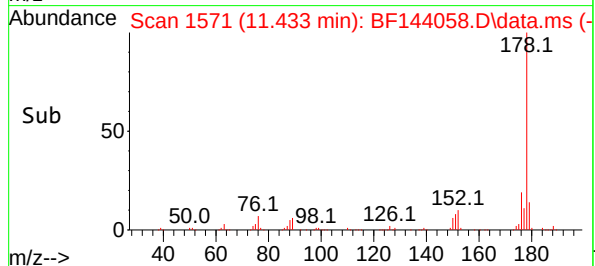
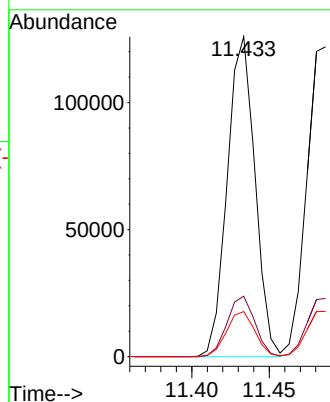
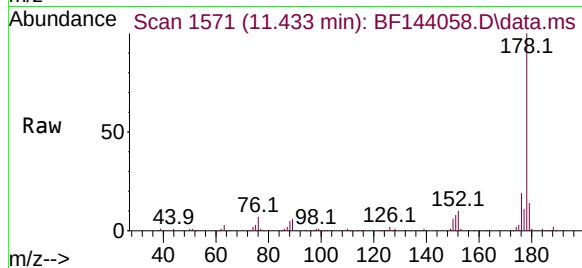




#71
Phenanthrene
Concen: 10.467 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

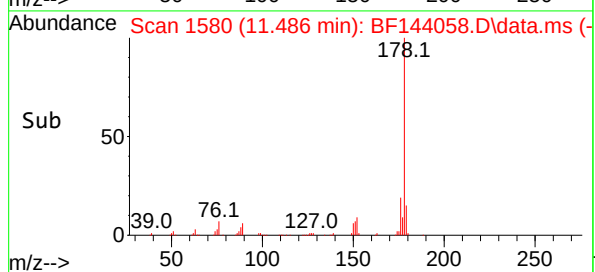
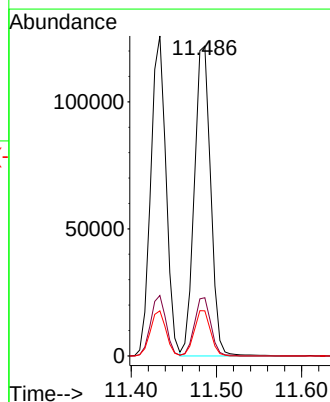
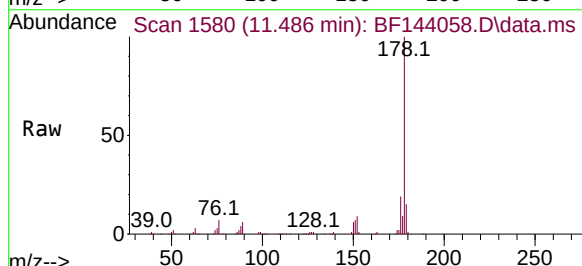
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

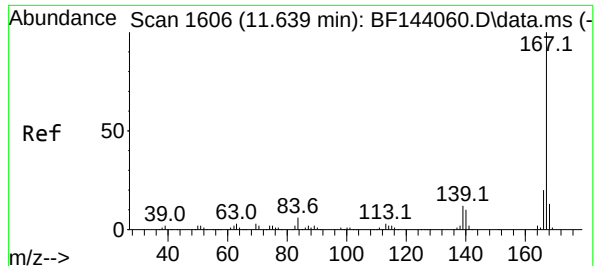
Tgt Ion:178 Resp: 156663
Ion Ratio Lower Upper
178 100
176 18.9 16.3 24.5
179 14.1 12.6 18.8



#72
Anthracene
Concen: 10.491 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

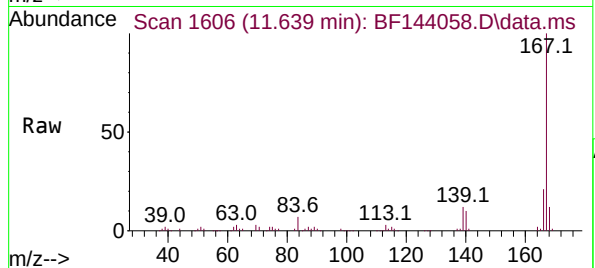
Tgt Ion:178 Resp: 162203
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 14.5 11.8 17.6



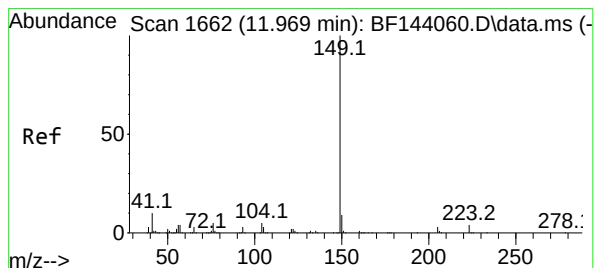
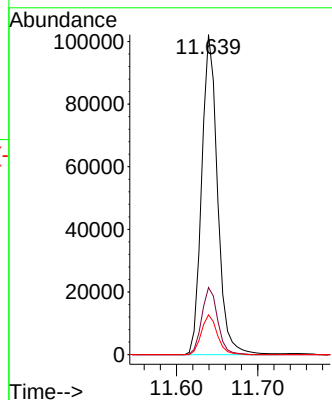
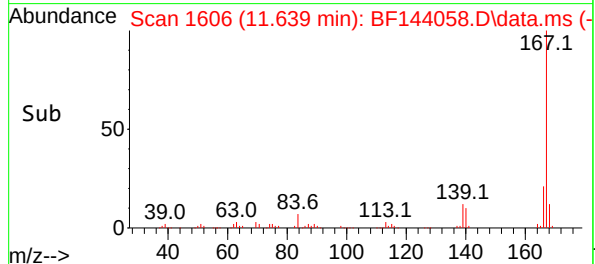


#73
Carbazole
Concen: 10.534 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

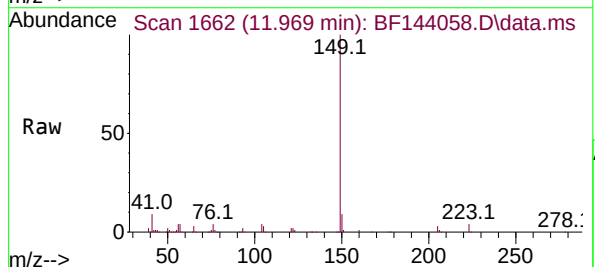
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



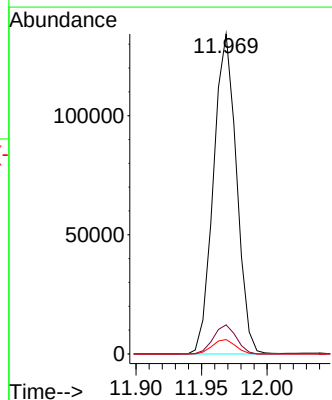
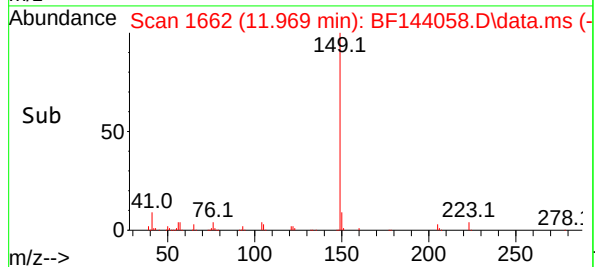
Tgt Ion:167 Resp: 138634
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.4 9.8 14.6

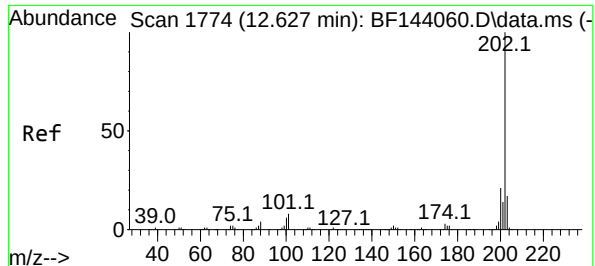


#74
Di-n-butylphthalate
Concen: 10.183 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39



Tgt Ion:149 Resp: 164302
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

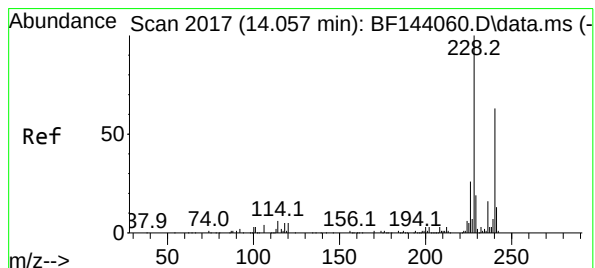
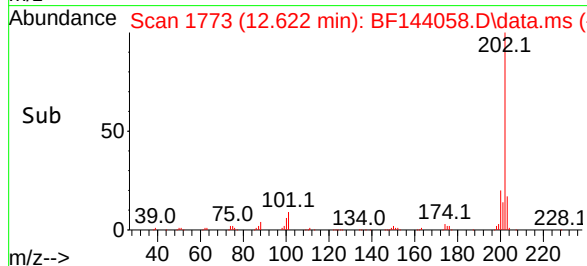
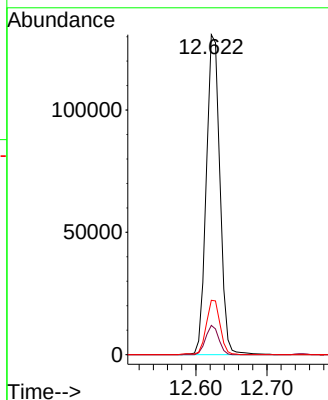
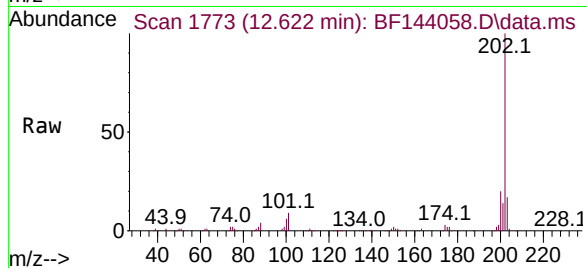




#75
Fluoranthene
Concen: 10.486 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

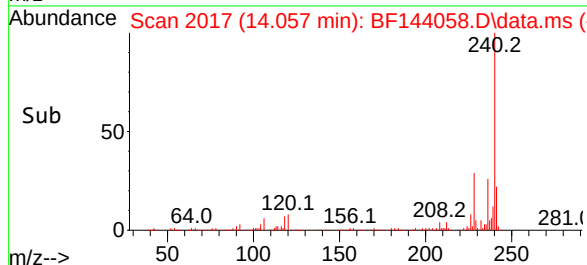
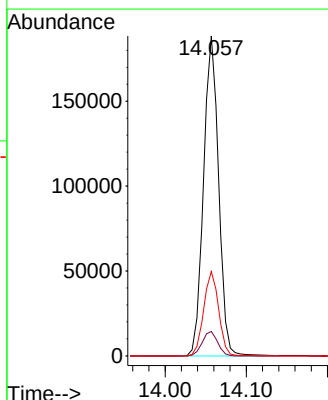
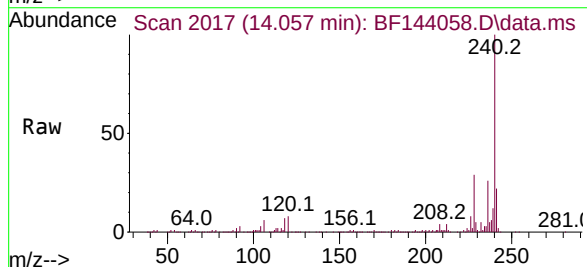
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

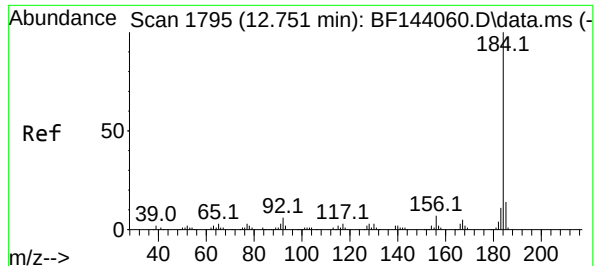
Tgt Ion:202 Resp: 173397
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:240 Resp: 243705
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 26.4 20.1 30.1





#77

Benzidine

Concen: 11.068 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

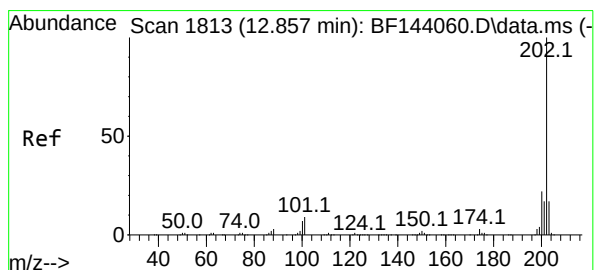
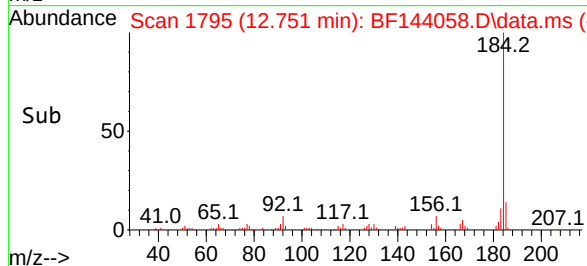
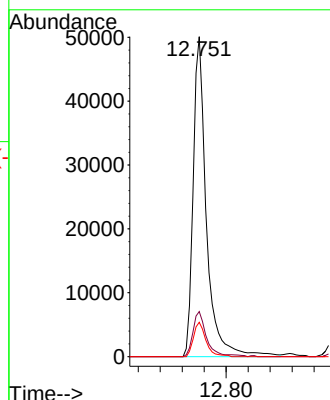
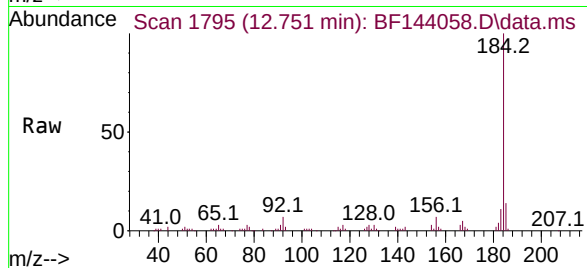
Tgt Ion:184 Resp: 83945

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.7 8.5 12.7



#78

Pyrene

Concen: 10.196 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

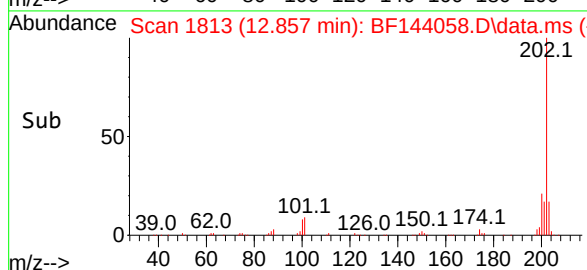
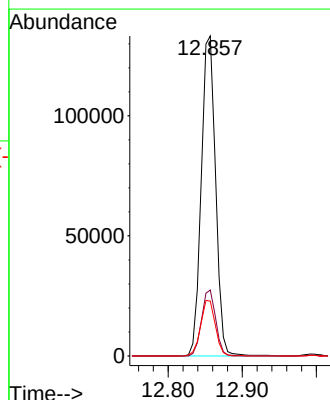
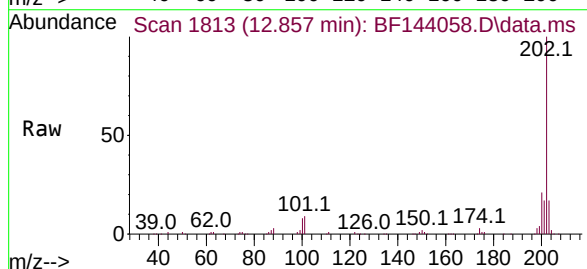
Tgt Ion:202 Resp: 178638

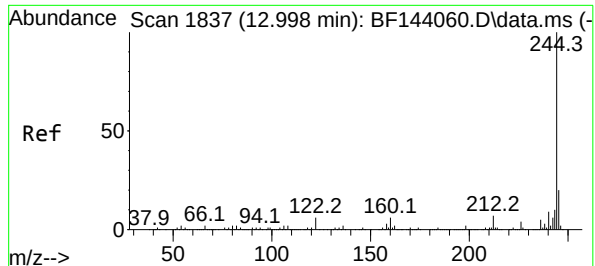
Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 19.833 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

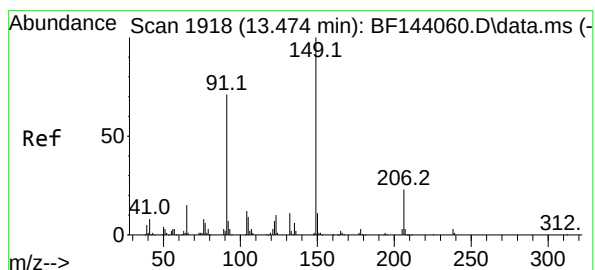
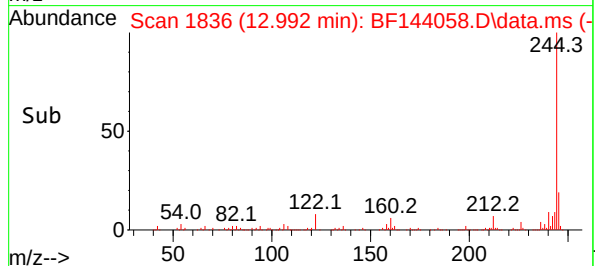
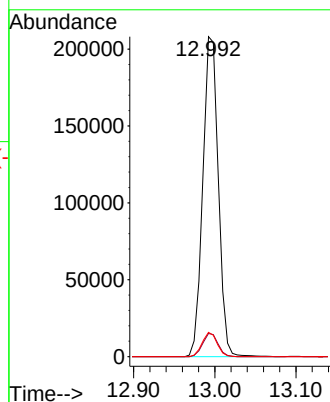
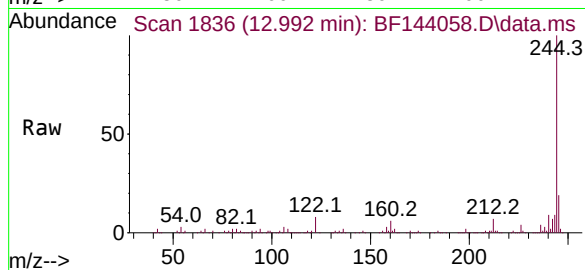
Tgt Ion:244 Resp: 276477

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.6 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 9.964 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

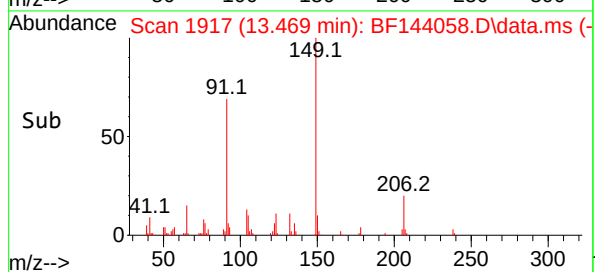
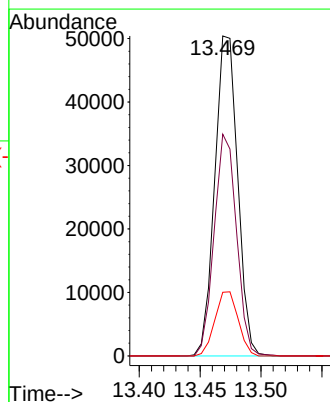
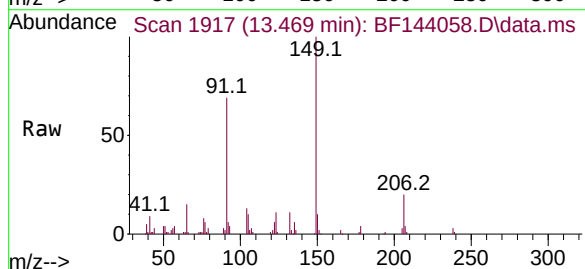
Tgt Ion:149 Resp: 66048

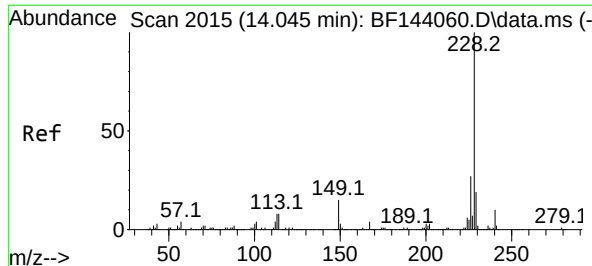
Ion Ratio Lower Upper

149 100

91 69.3 56.6 84.8

206 19.9 18.3 27.5

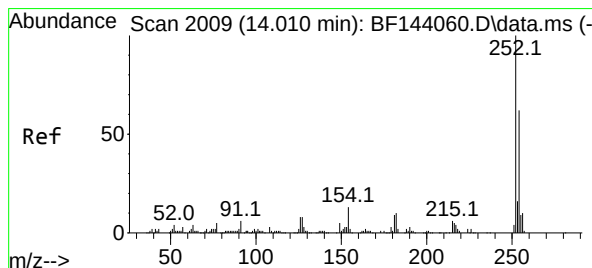
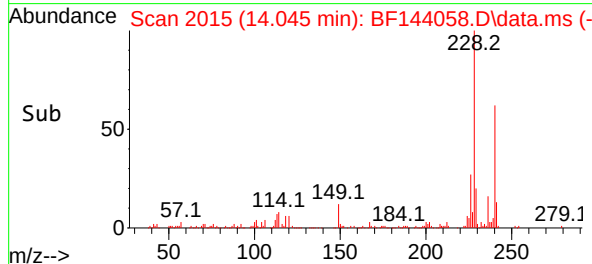
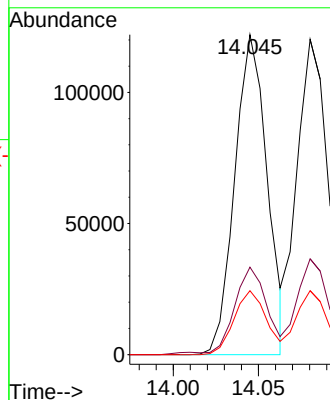
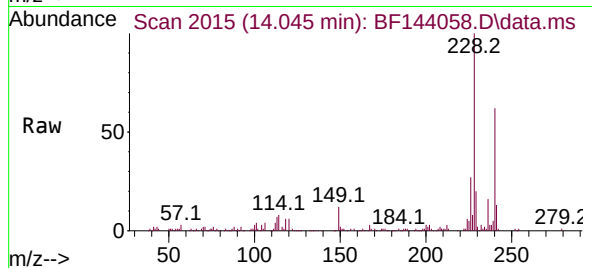




#81
Benzo(a)anthracene
Concen: 9.778 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

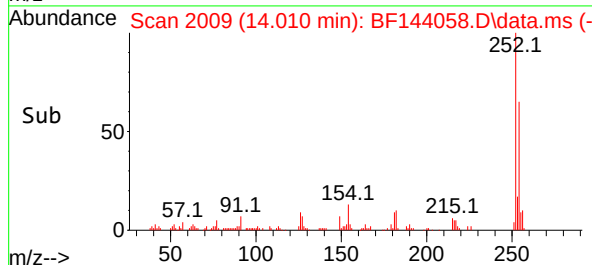
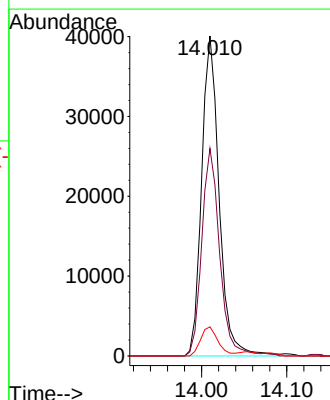
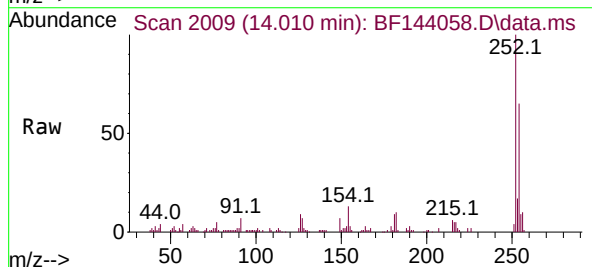
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

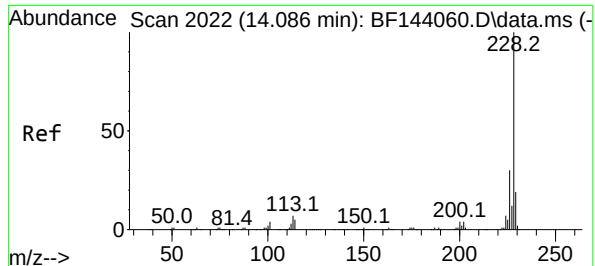
Tgt Ion:228 Resp: 161042
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 20.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 9.963 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:252 Resp: 57120
Ion Ratio Lower Upper
252 100
254 64.8 49.9 74.9
126 9.1 6.5 9.7





#83

Chrysene

Concen: 9.954 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

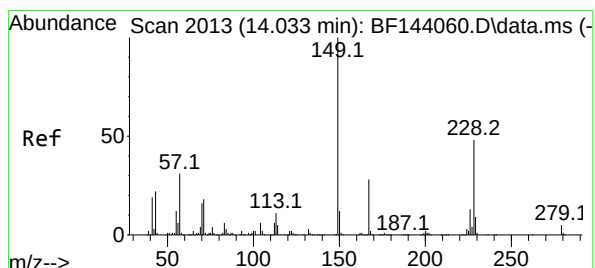
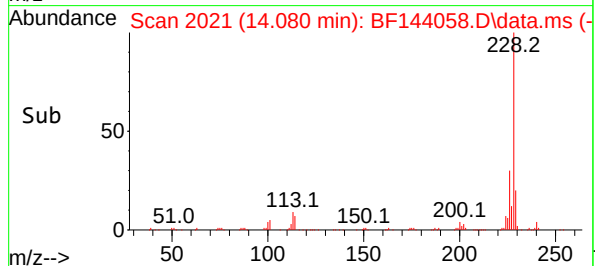
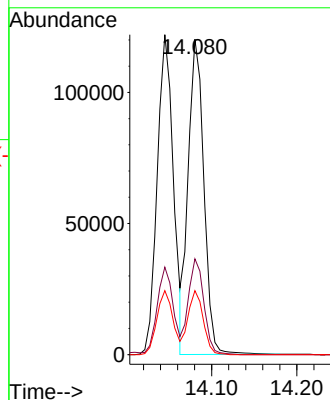
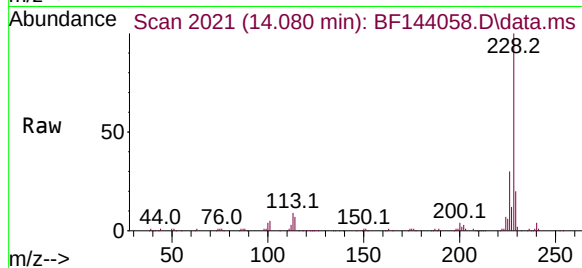
Tgt Ion:228 Resp: 153845

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.765 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

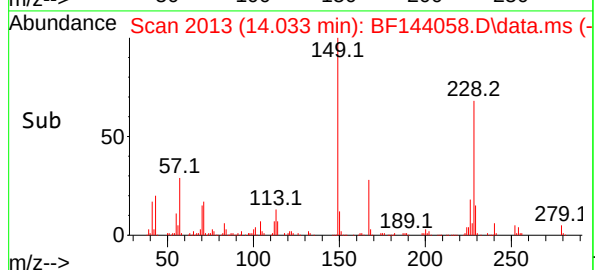
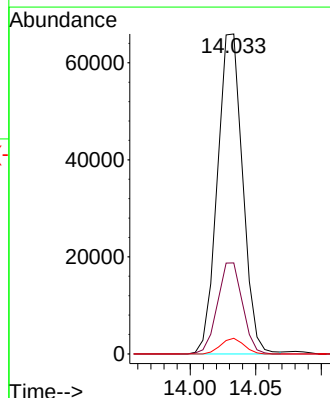
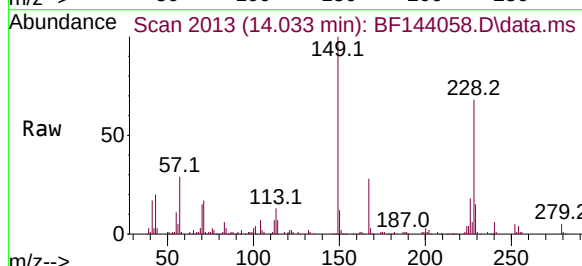
Tgt Ion:149 Resp: 88365

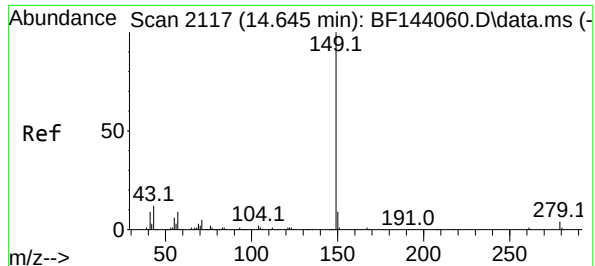
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.9 3.6 5.4

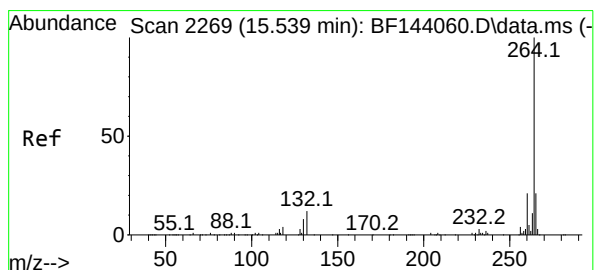
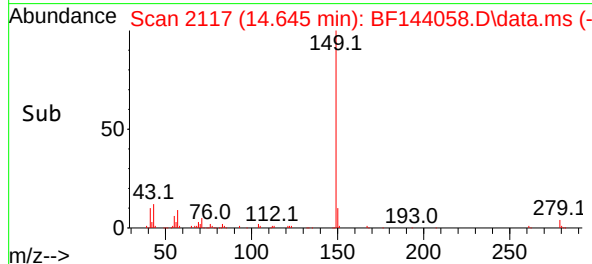
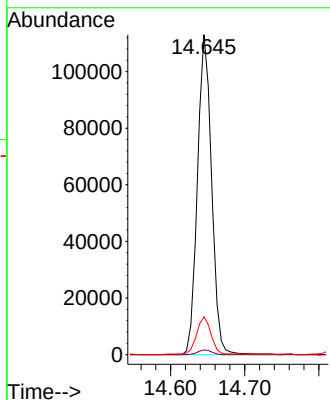
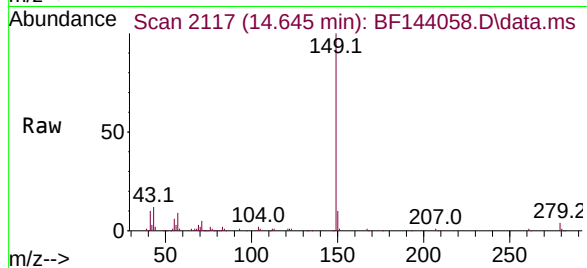




#85
Di-n-octyl phthalate
Concen: 9.616 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

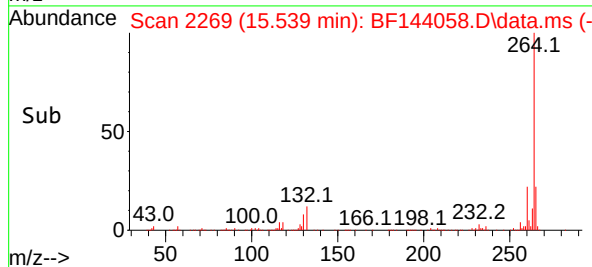
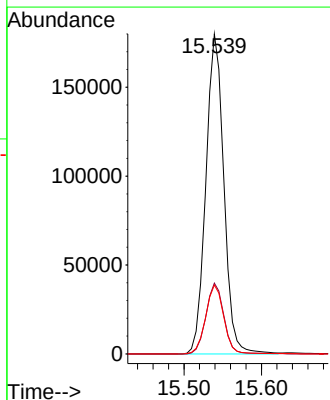
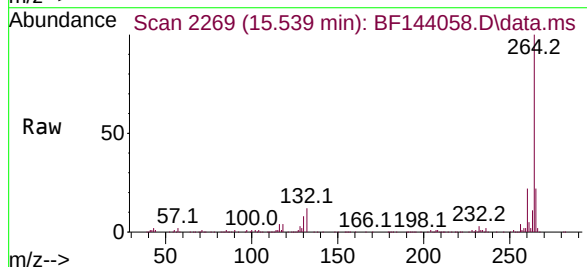
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

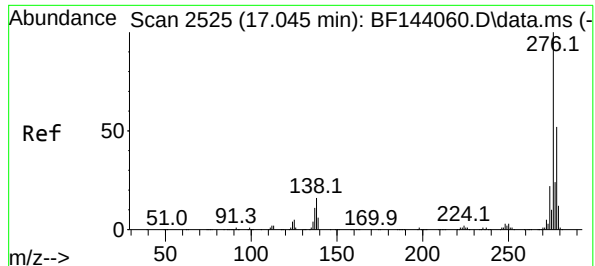
Tgt Ion:149 Resp: 149635
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.8 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:264 Resp: 290045
Ion Ratio Lower Upper
264 100
260 22.1 17.0 25.4
265 21.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.695 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

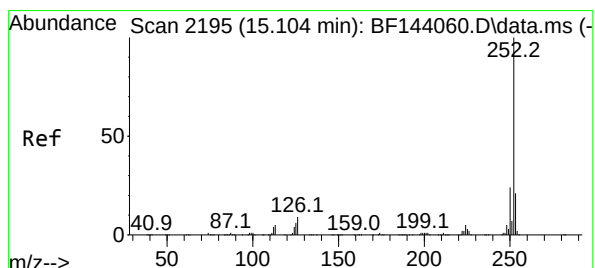
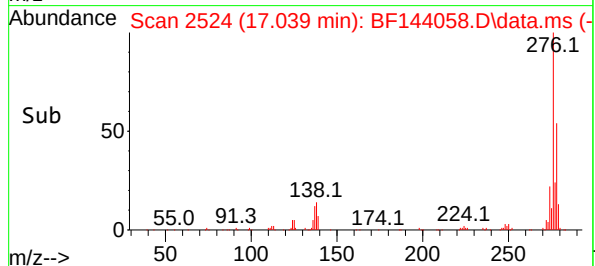
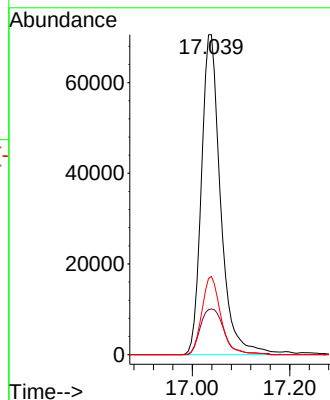
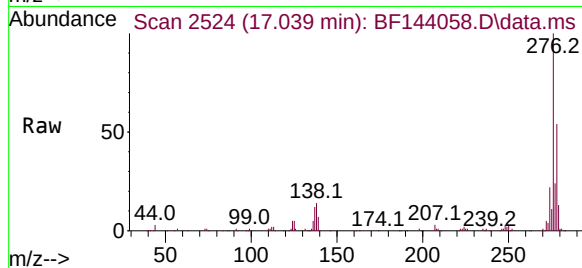
Tgt Ion:276 Resp: 193064

Ion Ratio Lower Upper

276 100

138 17.8 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 9.803 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

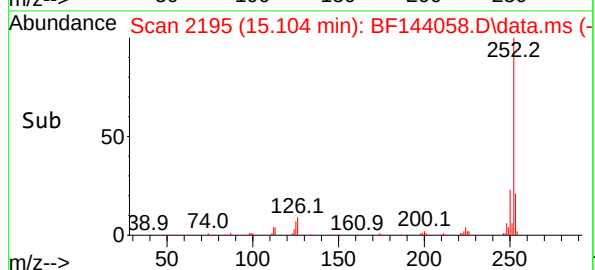
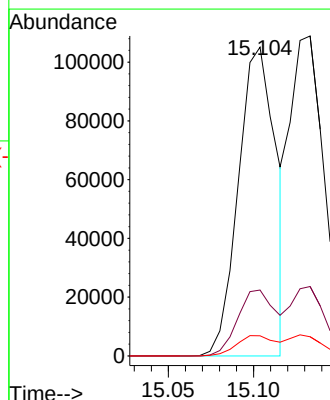
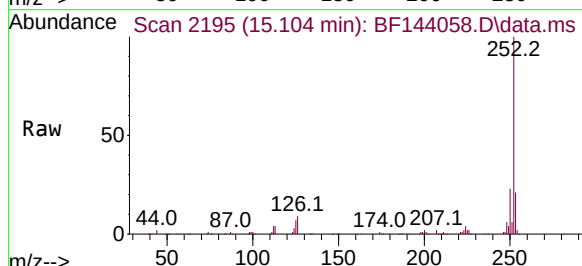
Tgt Ion:252 Resp: 160748

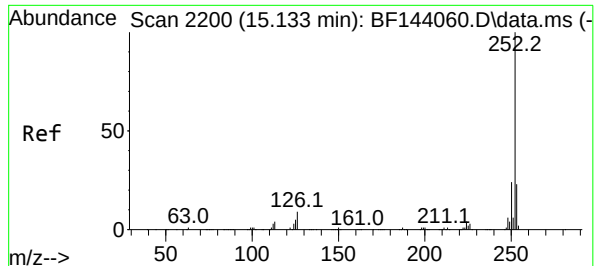
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 6.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 10.320 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

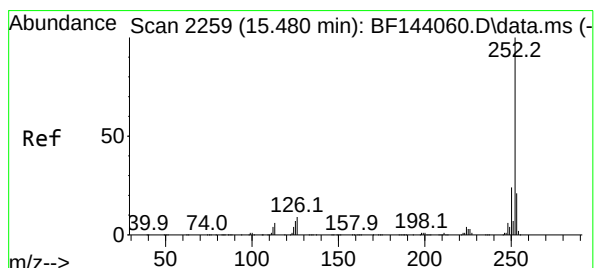
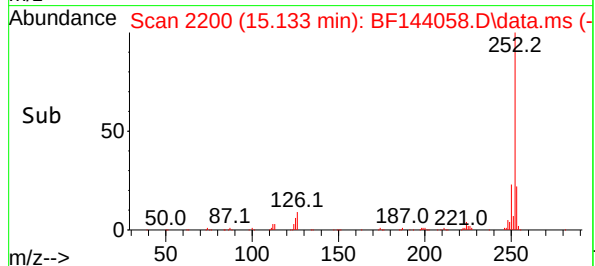
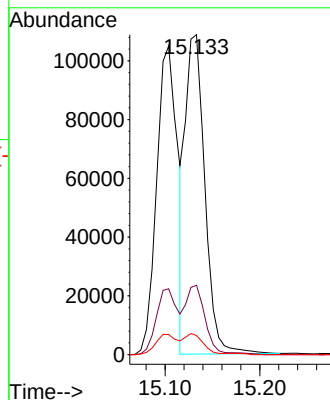
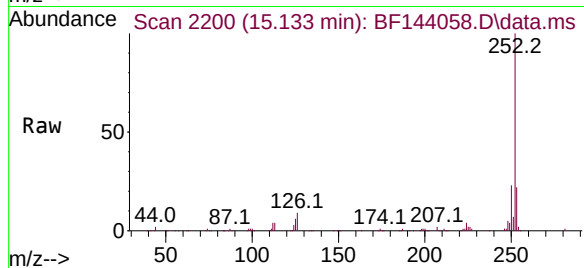
Tgt Ion:252 Resp: 156128

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 9.757 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

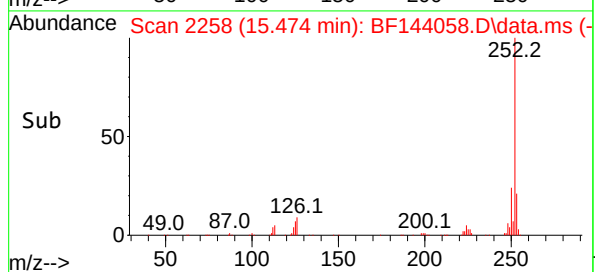
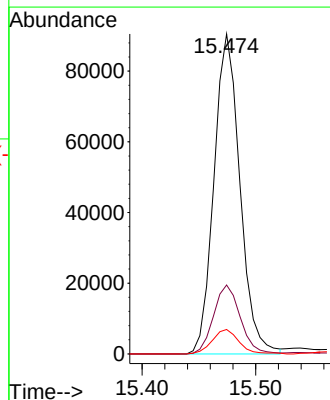
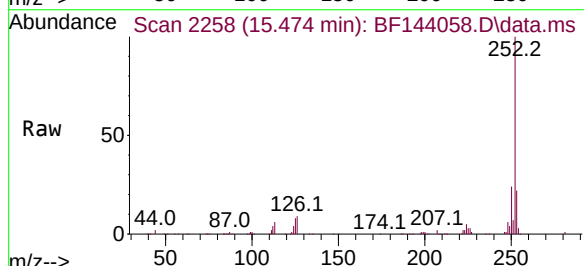
Tgt Ion:252 Resp: 143530

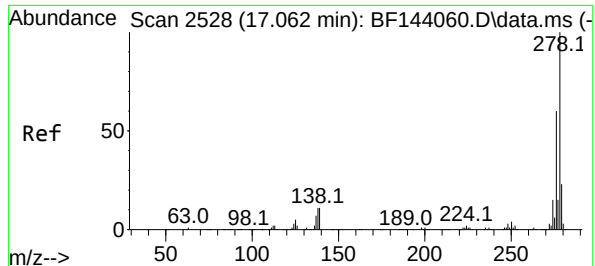
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 7.6 5.4 8.2

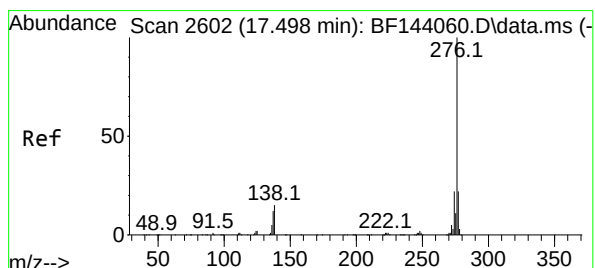
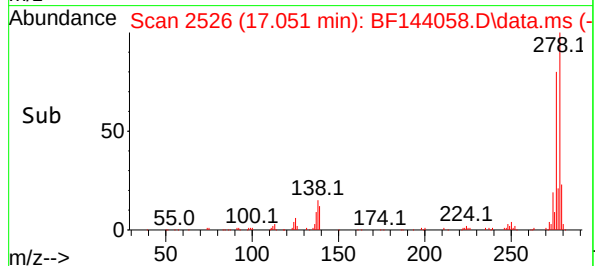
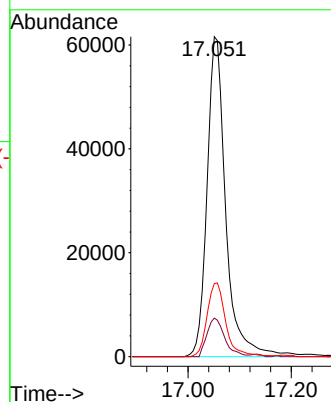
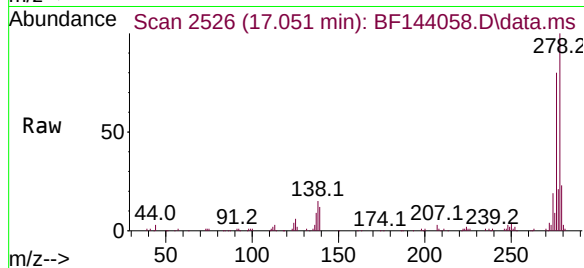




#91
Dibenzo(a,h)anthracene
Concen: 9.766 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

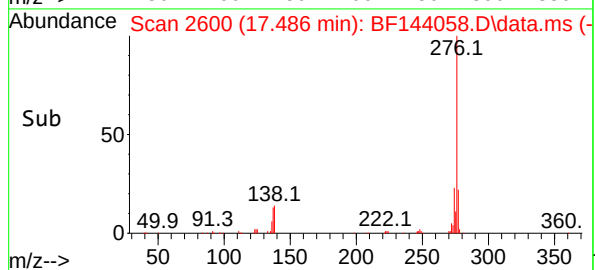
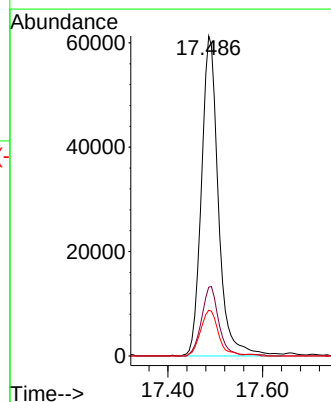
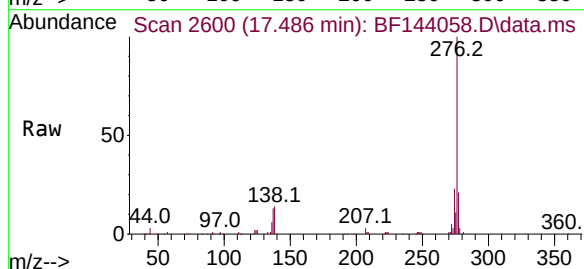
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 153941
Ion Ratio Lower Upper
278 100
139 12.0 8.5 12.7
279 22.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 9.614 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:276 Resp: 152368
Ion Ratio Lower Upper
276 100
277 21.5 17.9 26.9
138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144059.D
 Acq On : 24 Oct 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	112429	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	417749	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217706	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	369584	20.000	ng	0.00
76) Chrysene-d12	14.063	240	292368	20.000	ng	0.00
86) Perylene-d12	15.545	264	364339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	298616	42.021	ng	0.00
7) Phenol-d6	6.504	99	332945	42.423	ng	0.00
23) Nitrobenzene-d5	7.445	82	312746	41.016	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	111292	40.132	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	614559	39.724	ng	0.00
79) Terphenyl-d14	12.998	244	655393	39.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	54561	17.768	ng	96
3) Pyridine	3.398	79	172002	20.922	ng	97
4) n-Nitrosodimethylamine	3.351	42	108274	21.434	ng	98
6) Aniline	6.545	93	236820	21.092	ng	99
8) 2-Chlorophenol	6.663	128	146877	20.988	ng	100
9) Benzaldehyde	6.434	77	108472	17.802	ng	99
10) Phenol	6.522	94	204649	21.136	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	144490	20.652	ng	99
12) 1,3-Dichlorobenzene	6.822	146	184376	21.358	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178962	21.035	ng	99
14) 1,2-Dichlorobenzene	7.051	146	172463	20.951	ng	100
15) Benzyl Alcohol	7.022	79	138784	21.748	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	281645	21.419	ng	99
17) 2-Methylphenol	7.128	107	115994	21.550	ng	94
18) Hexachloroethane	7.392	117	63937	21.020	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	106671	21.019	ng	97
20) 3+4-Methylphenols	7.281	107	133833	21.033	ng	95
22) Acetophenone	7.286	105	181010	20.050	ng	97
24) Nitrobenzene	7.463	77	168641	20.907	ng	99
25) Isophorone	7.698	82	269356	20.206	ng	98
26) 2-Nitrophenol	7.781	139	81754	21.306	ng	97
27) 2,4-Dimethylphenol	7.810	122	109494	19.202	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	172327	20.729	ng	99
29) 2,4-Dichlorophenol	8.016	162	135856	20.487	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	139458	20.442	ng	99
31) Naphthalene	8.186	128	401788	20.378	ng	99
32) Benzoic acid	7.928	122	83503	23.086	ng	87
33) 4-Chloroaniline	8.233	127	145706	21.228	ng	99
34) Hexachlorobutadiene	8.298	225	114614	20.546	ng	98
35) Caprolactam	8.598	113	34241	20.591	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	119127	20.357	ng	95
37) 2-Methylnaphthalene	8.875	142	263628	20.280	ng	98
38) 1-Methylnaphthalene	8.975	142	246748	20.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150836	20.160	ng	99
41) Hexachlorocyclopentadiene	9.028	237	45275	19.591	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	104484	21.484	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144059.D
 Acq On : 24 Oct 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

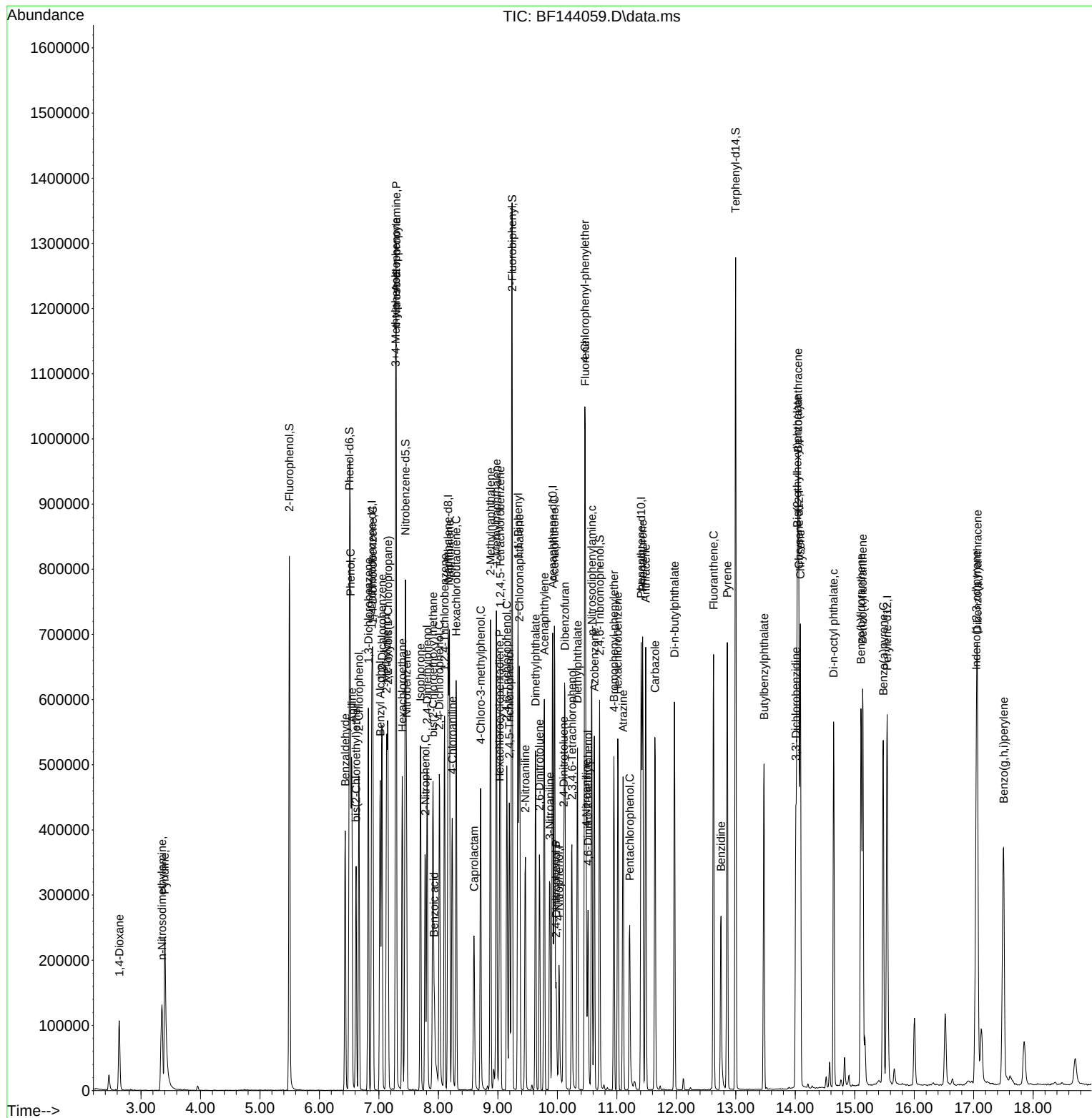
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	105424	20.655	ng	98
46) 1,1'-Biphenyl	9.339	154	313680	20.128	ng	99
47) 2-Chloronaphthalene	9.363	162	268452	20.561	ng	96
48) 2-Nitroaniline	9.463	65	80171	20.678	ng	97
49) Acenaphthylene	9.780	152	362218	20.575	ng	99
50) Dimethylphthalate	9.633	163	290025	20.324	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59905	21.235	ng	100
52) Acenaphthene	9.951	154	246935	21.003	ng	99
53) 3-Nitroaniline	9.875	138	63852	20.358	ng	97
54) 2,4-Dinitrophenol	9.980	184	35229	23.089	ng	94
55) Dibenzofuran	10.127	168	329079	20.162	ng	99
56) 4-Nitrophenol	10.027	139	43333	20.402	ng	90
57) 2,4-Dinitrotoluene	10.104	165	80566	21.160	ng	96
58) Fluorene	10.469	166	246753	19.841	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72554	20.172	ng	# 96
60) Diethylphthalate	10.339	149	270864	20.184	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	142719	20.406	ng	99
62) 4-Nitroaniline	10.486	138	59903	20.157	ng	95
63) Azobenzene	10.622	77	258435	20.346	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	55850	23.553	ng	98
66) n-Nitrosodiphenylamine	10.580	169	242811	20.563	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	91405	19.753	ng	98
68) Hexachlorobenzene	11.016	284	114304	20.141	ng	96
69) Atrazine	11.104	200	80666	20.818	ng	98
70) Pentachlorophenol	11.216	266	55240	20.449	ng	95
71) Phenanthrene	11.433	178	372967	20.315	ng	97
72) Anthracene	11.486	178	380455	20.060	ng	99
73) Carbazole	11.639	167	326491	20.225	ng	98
74) Di-n-butylphthalate	11.969	149	412471	20.841	ng	100
75) Fluoranthene	12.627	202	414382	20.430	ng	99
77) Benzidine	12.751	184	179581	19.736	ng	99
78) Pyrene	12.857	202	416839	19.831	ng	99
80) Butylbenzylphthalate	13.474	149	165613	20.827	ng	98
81) Benzo(a)anthracene	14.045	228	397414	20.114	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	141681	20.599	ng	98
83) Chrysene	14.086	228	366241	19.753	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	222446	20.491	ng	98
85) Di-n-octyl phthalate	14.645	149	378673	20.284	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	507947	20.307	ng	100
88) Benzo(b)fluoranthene	15.104	252	420103	20.396	ng	99
89) Benzo(k)fluoranthene	15.133	252	368139	19.372	ng	100
90) Benzo(a)pyrene	15.480	252	377387	20.423	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	403214	20.364	ng	98
92) Benzo(g,h,i)perylene	17.503	276	409358	20.563	ng	99

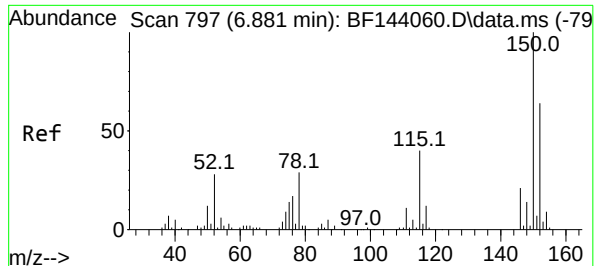
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144059.D
Acq On : 24 Oct 2025 12:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

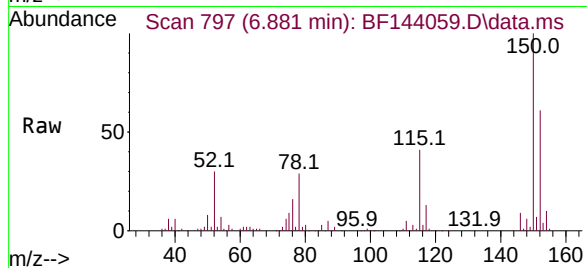
Quant Time: Oct 24 17:02:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



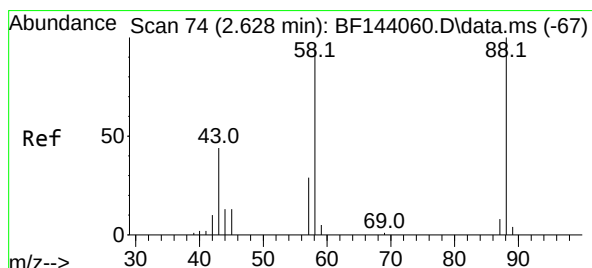
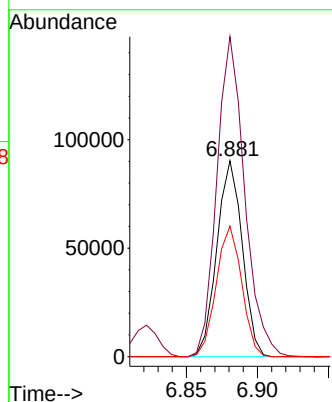
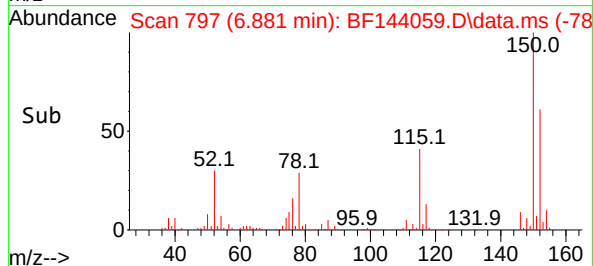


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

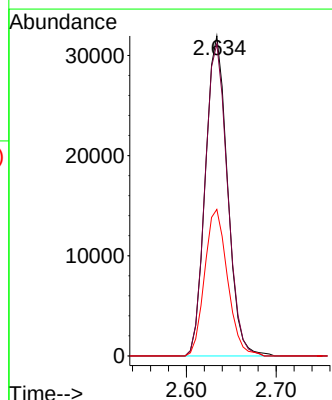
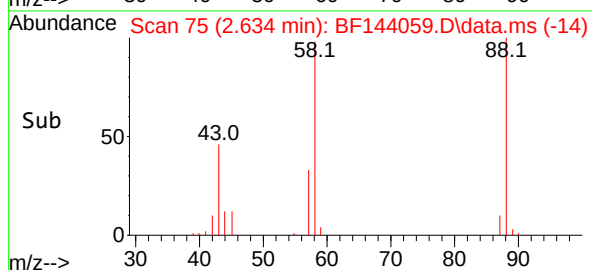
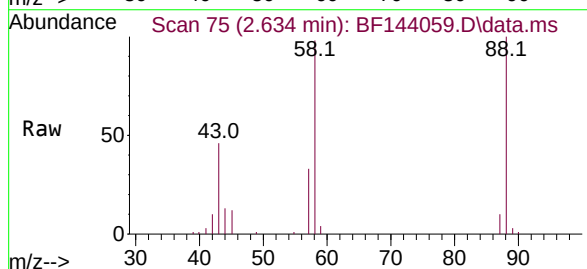


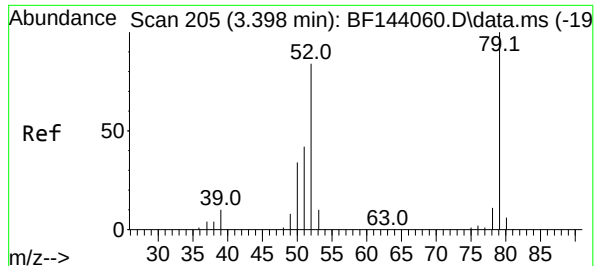
Tgt Ion:152 Resp: 112429
Ion Ratio Lower Upper
152 100
150 163.4 124.4 186.6
115 66.6 49.4 74.0



#2
1,4-Dioxane
Concen: 17.768 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 88 Resp: 54561
Ion Ratio Lower Upper
88 100
58 98.8 76.5 114.7
43 47.5 35.3 52.9

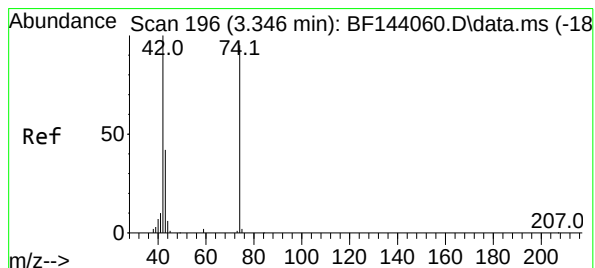
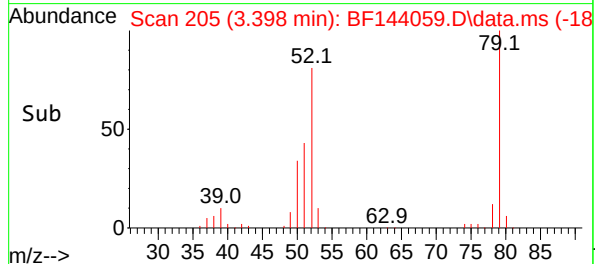
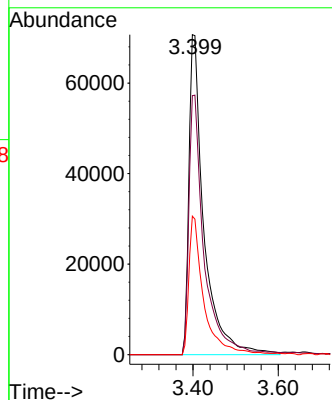
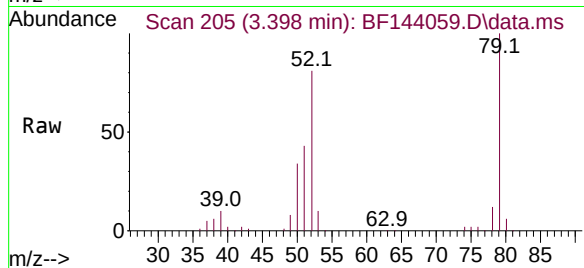




#3
Pyridine
Concen: 20.922 ng
RT: 3.398 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

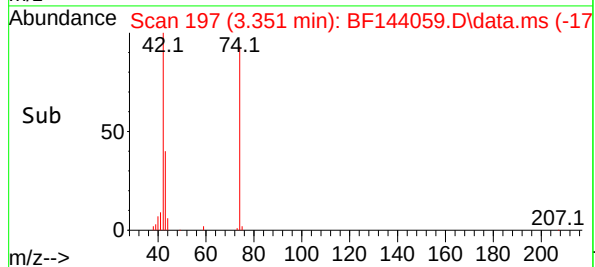
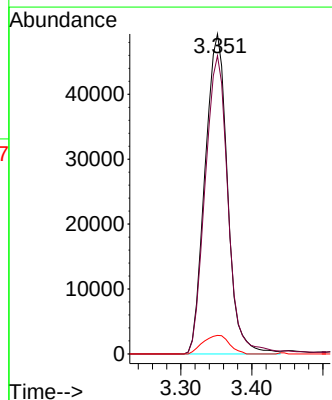
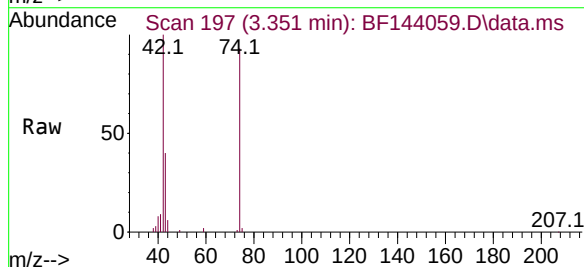
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

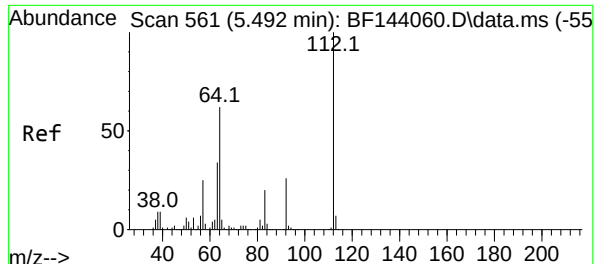
Tgt Ion: 79 Resp: 172002
Ion Ratio Lower Upper
79 100
52 80.9 67.5 101.3
51 43.3 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 21.434 ng
RT: 3.351 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 42 Resp: 108274
Ion Ratio Lower Upper
42 100
74 93.2 76.4 114.6
44 5.8 5.2 7.8

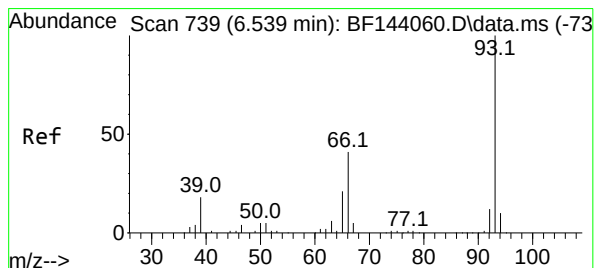
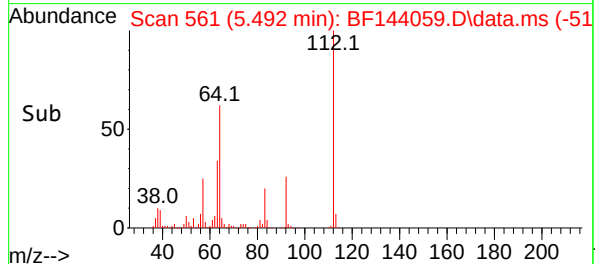
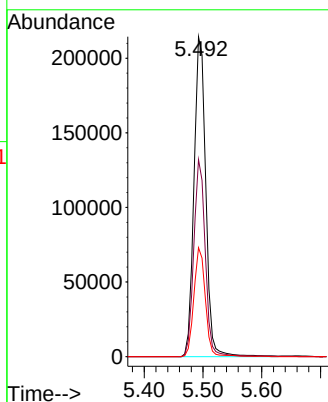
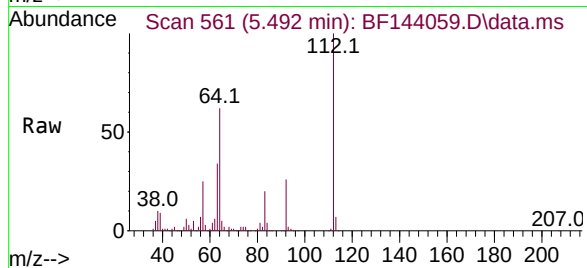




#5
2-Fluorophenol
Concen: 42.021 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

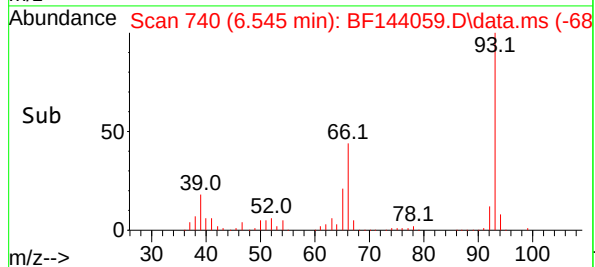
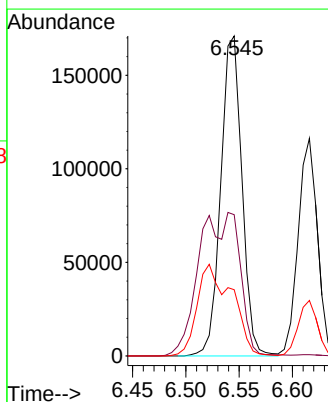
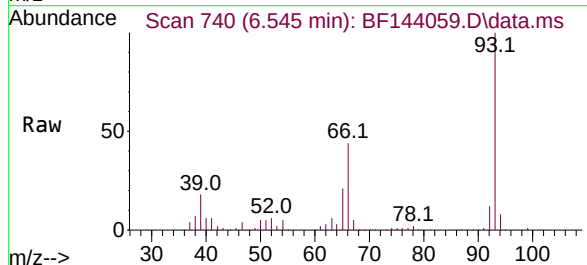
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

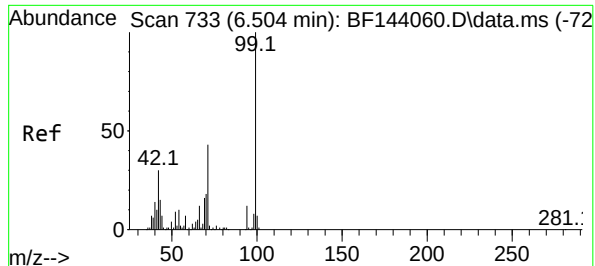
Tgt Ion:112 Resp: 298616
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.8
63 34.0 27.4 41.2



#6
Aniline
Concen: 21.092 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 93 Resp: 236820
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 20.7 17.0 25.6

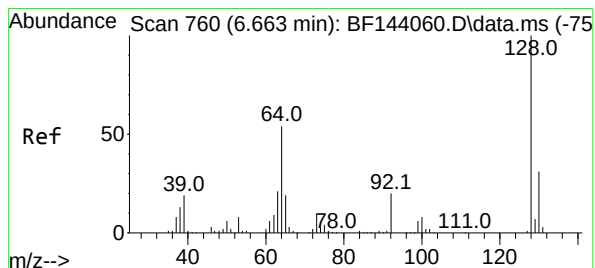
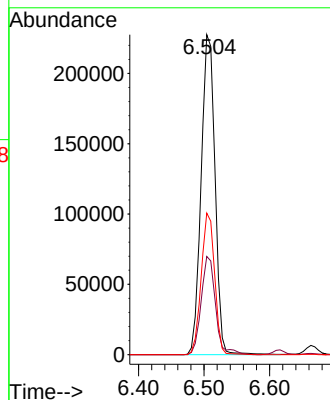
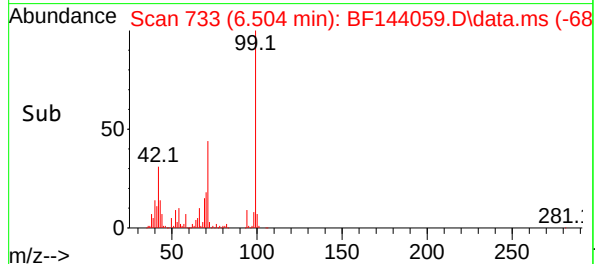
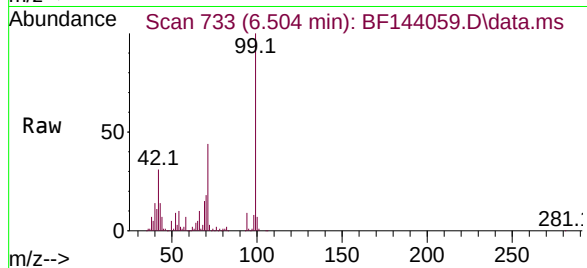




#7
Phenol-d6
Concen: 42.423 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

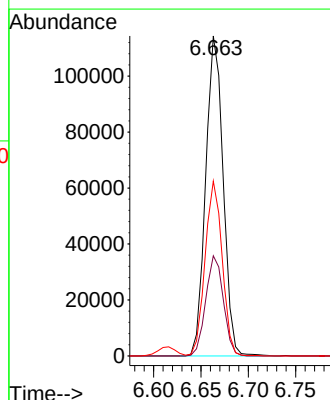
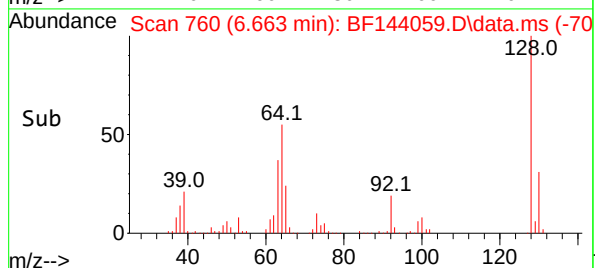
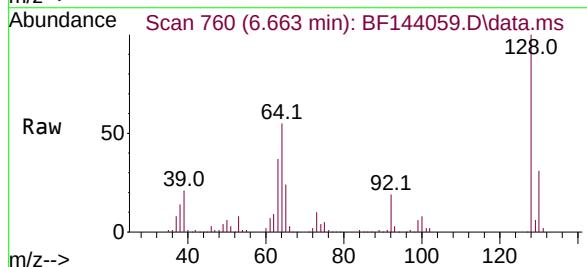
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

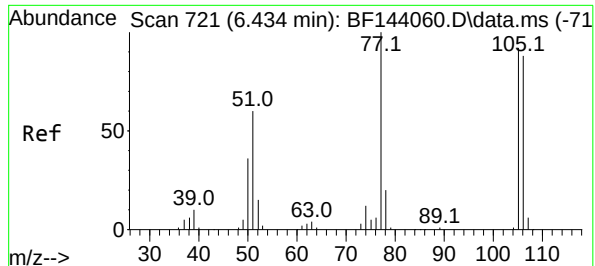
Tgt Ion	Ratio	Lower	Upper
99	100		
42	30.7	23.9	35.9
71	44.2	34.4	51.6



#8
2-Chlorophenol
Concen: 20.988 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.7	50.7
64	54.6	34.7	74.7





#9

Benzaldehyde

Concen: 17.802 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

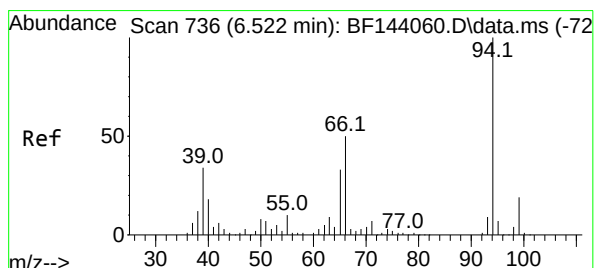
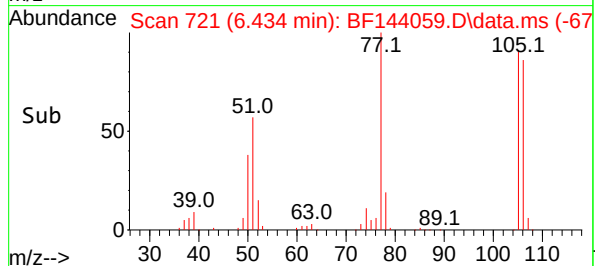
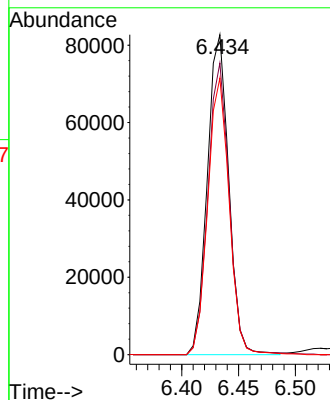
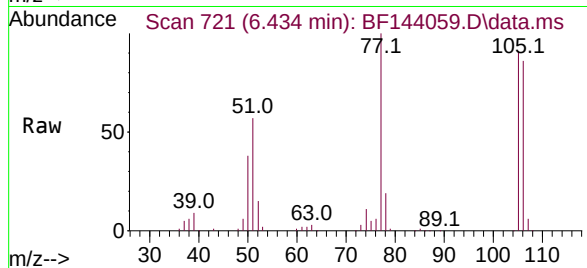
Tgt Ion: 77 Resp: 108472

Ion Ratio Lower Upper

77 100

105 91.1 72.2 112.2

106 86.4 67.9 107.9



#10

Phenol

Concen: 21.136 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

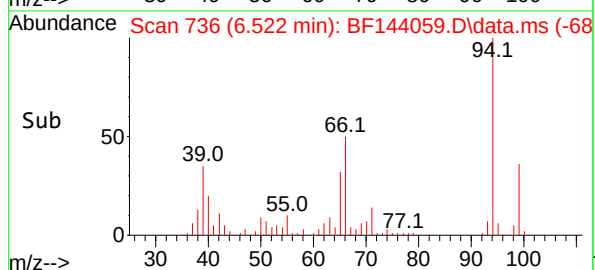
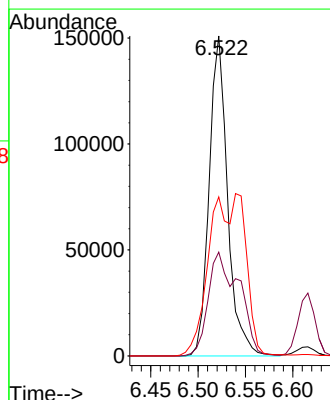
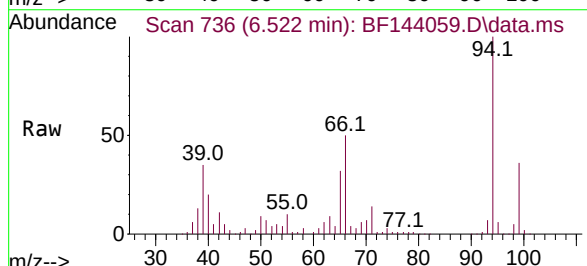
Tgt Ion: 94 Resp: 204649

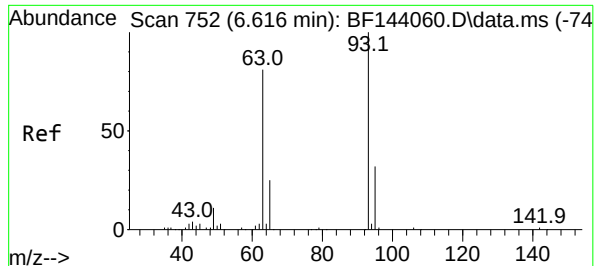
Ion Ratio Lower Upper

94 100

65 32.4 13.1 53.1

66 49.7 30.6 70.6

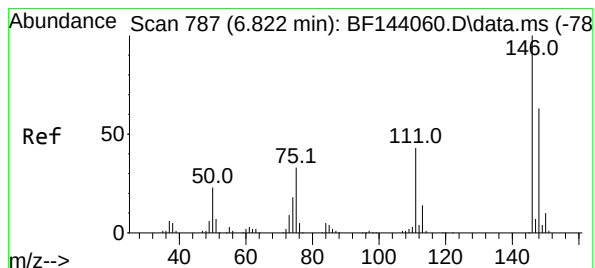
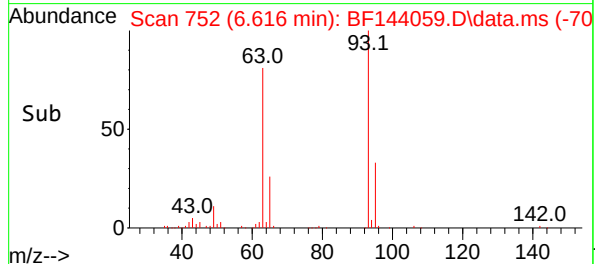
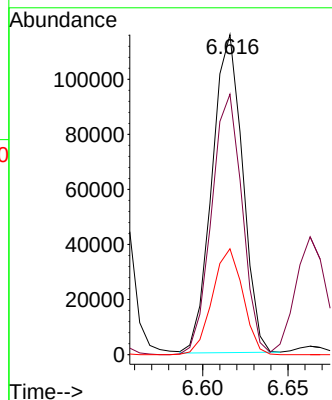
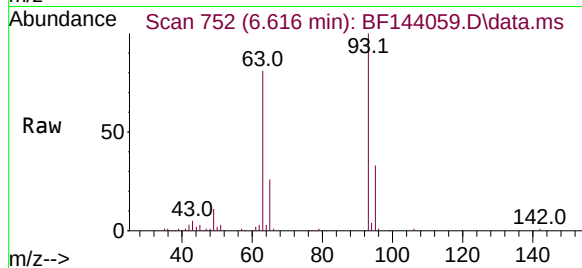




#11
bis(2-Chloroethyl)ether
Concen: 20.652 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

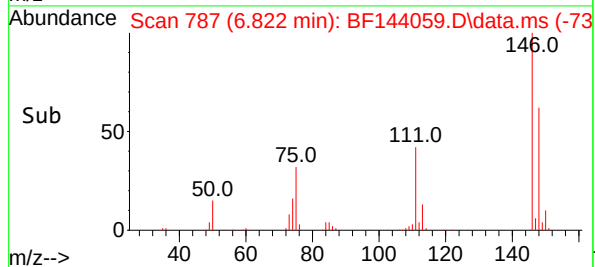
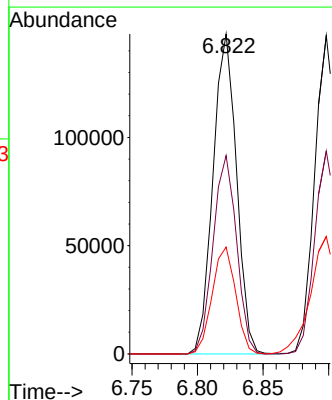
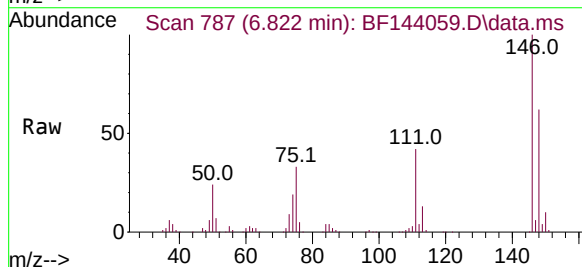
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

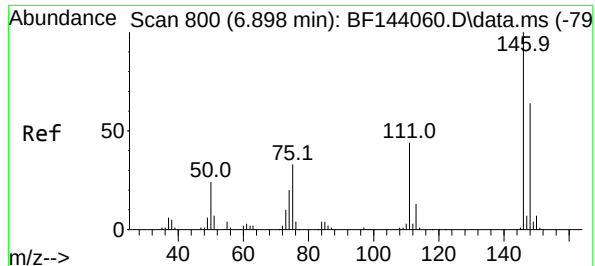
Tgt Ion: 93 Resp: 144490
Ion Ratio Lower Upper
93 100
63 81.4 60.2 100.2
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 21.358 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 146 Resp: 184376
Ion Ratio Lower Upper
146 100
148 62.0 50.6 75.8
75 33.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 21.035 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

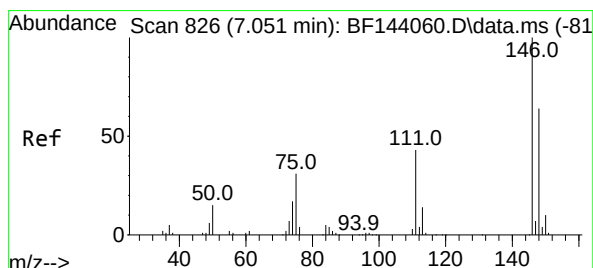
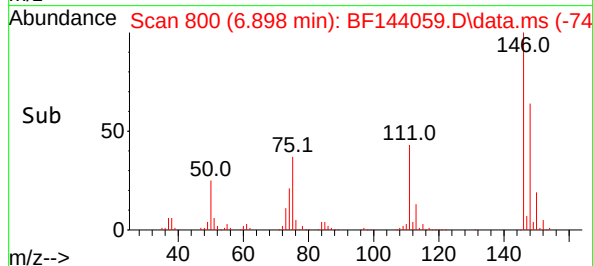
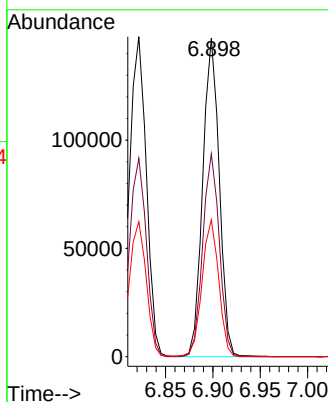
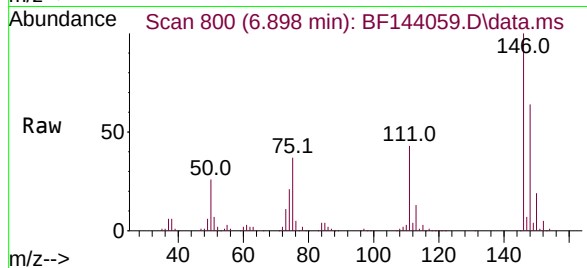
Tgt Ion:146 Resp: 178962

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 42.9 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 20.951 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

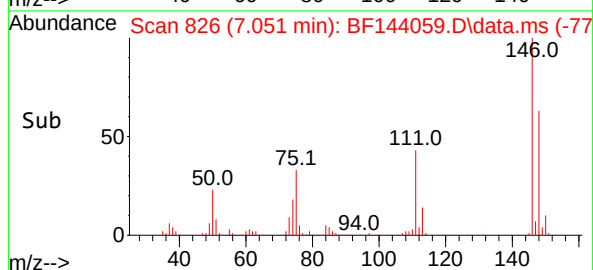
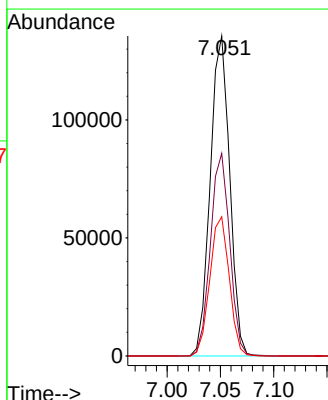
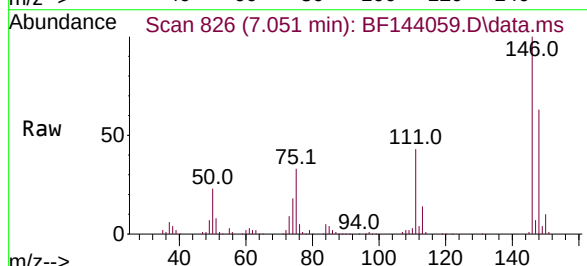
Tgt Ion:146 Resp: 172463

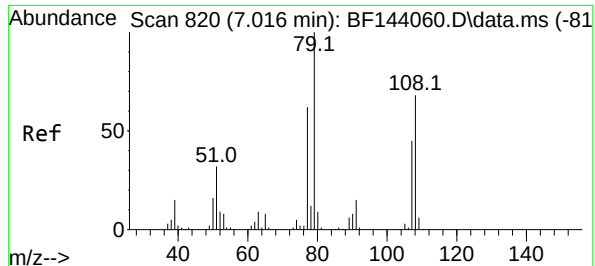
Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

111 43.5 34.7 52.1

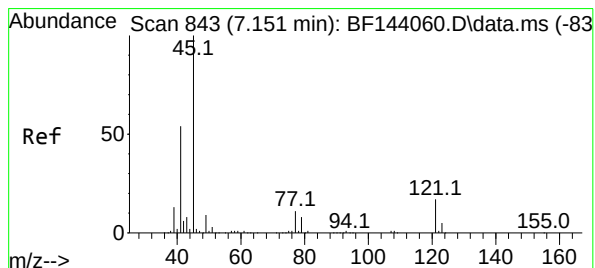
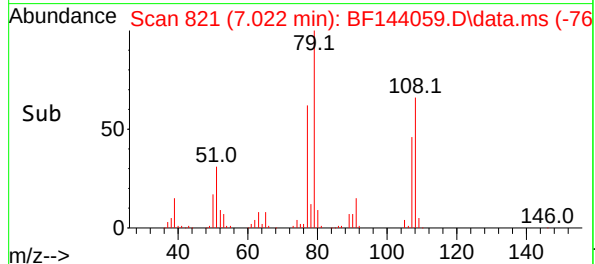
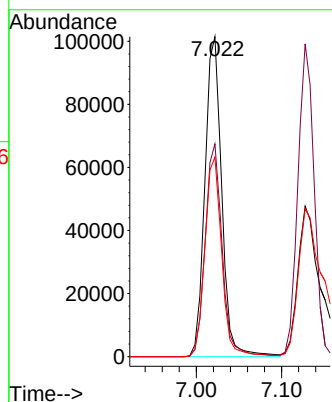
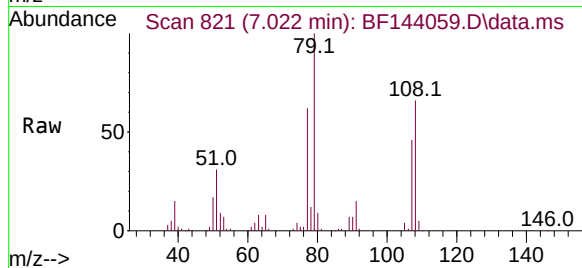




#15
Benzyl Alcohol
Concen: 21.748 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

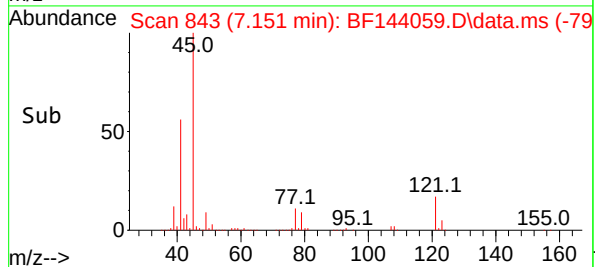
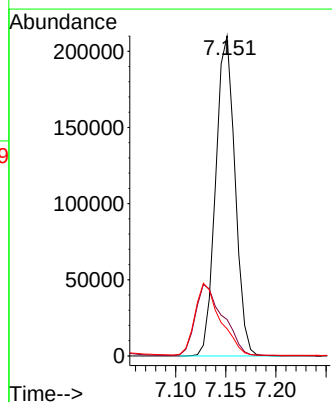
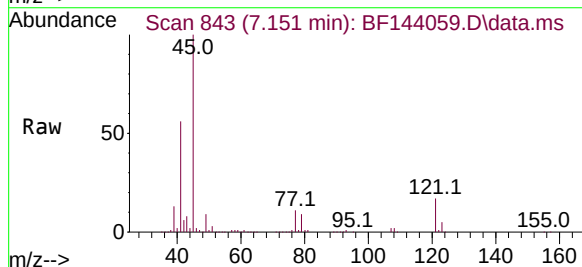
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

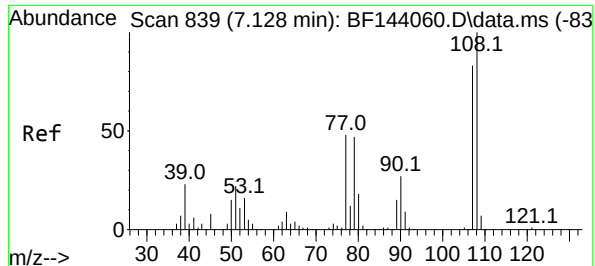
Tgt Ion: 79 Resp: 138784
Ion Ratio Lower Upper
79 100
108 66.5 54.8 82.2
77 62.4 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.419 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 45 Resp: 281645
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.9
79 8.5 0.0 28.2

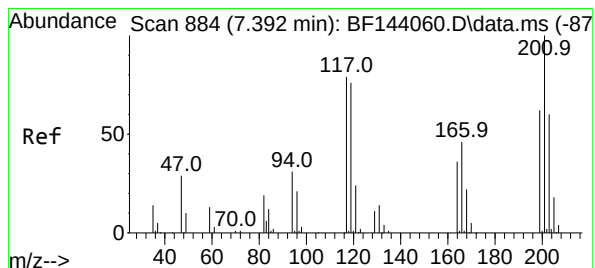
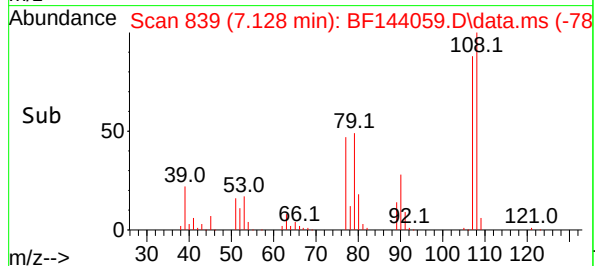
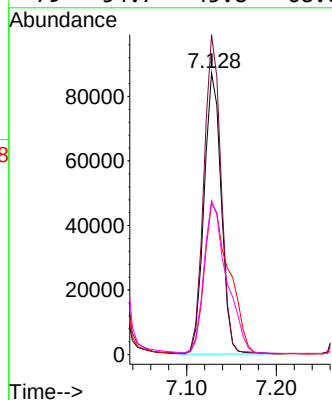
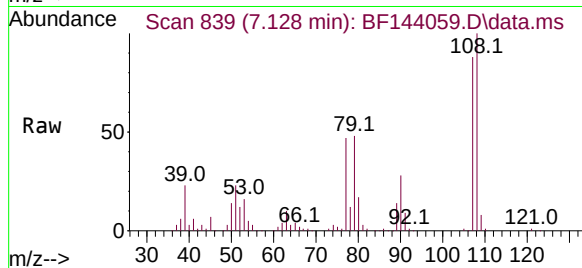




#17
2-Methylphenol
Concen: 21.550 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

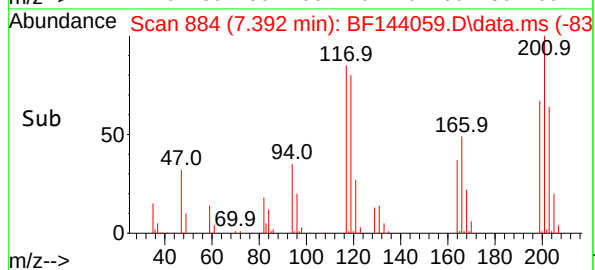
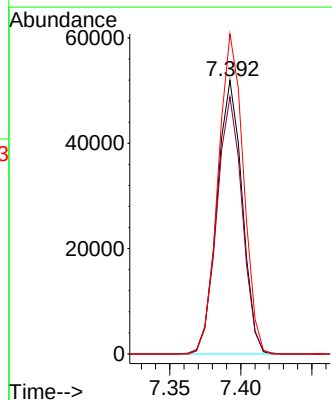
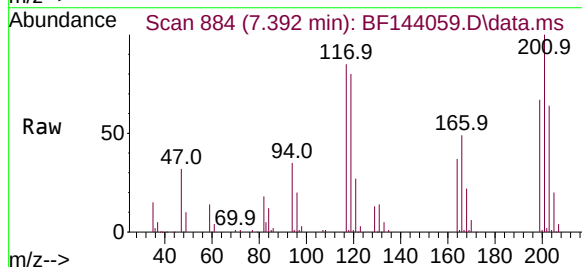
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

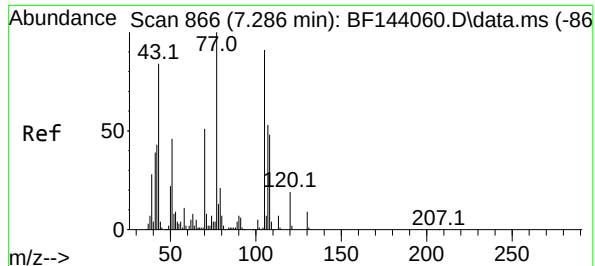
Tgt Ion:	107	Resp:	115994
Ion	Ratio	Lower	Upper
107	100		
108	113.6	96.4	144.6
77	53.7	46.8	70.2
79	54.7	45.8	68.6



#18
Hexachloroethane
Concen: 21.020 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:	117	Resp:	63937
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.6	115.0
201	117.0	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 21.019 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 106671

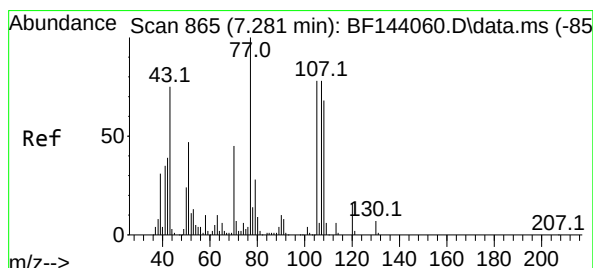
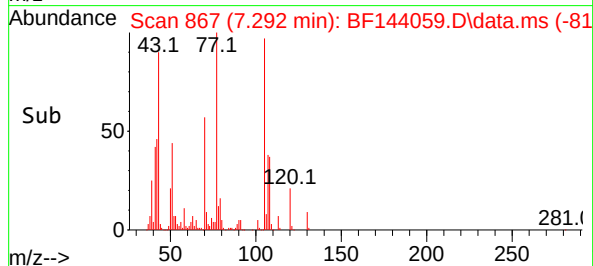
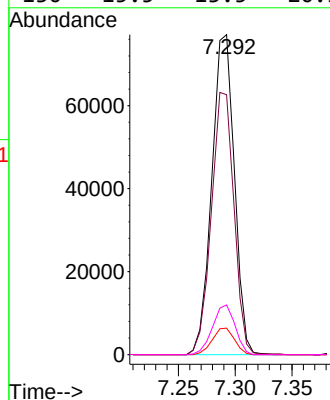
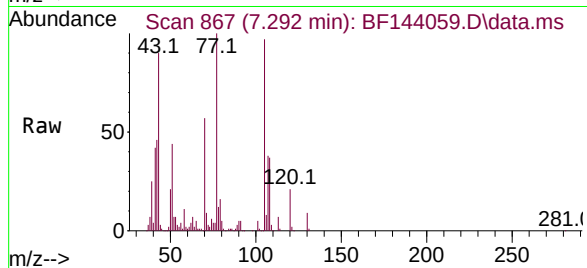
Ion Ratio Lower Upper

70 100

42 81.2 67.4 101.0

101 8.3 7.1 10.7

130 15.5 13.5 20.3



#20

3+4-Methylphenols

Concen: 21.033 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:107 Resp: 133833

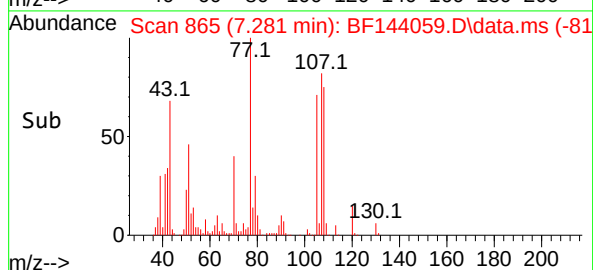
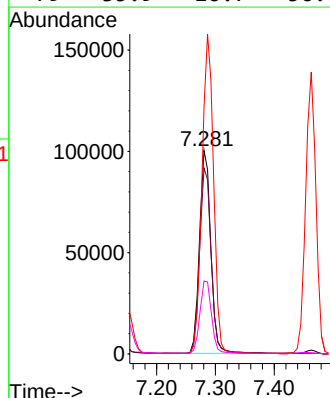
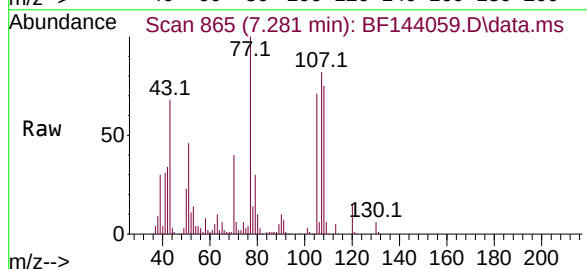
Ion Ratio Lower Upper

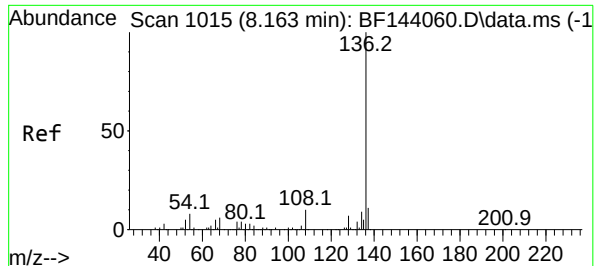
107 100

108 91.4 68.0 108.0

77 121.6 108.7 148.7

79 35.9 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

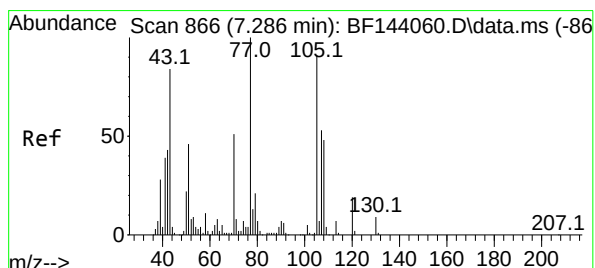
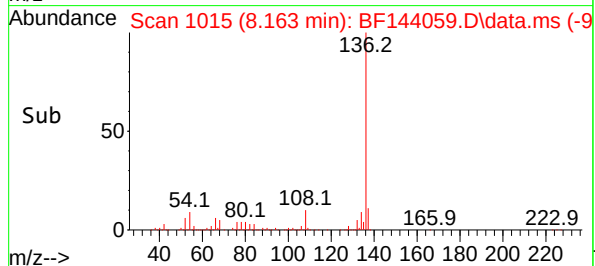
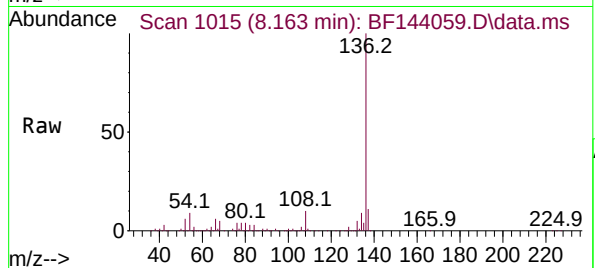
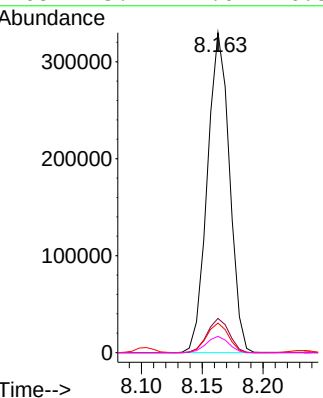
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 417749

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.2	6.6	9.8
68	5.1	4.6	6.8



#22

Acetophenone

Concen: 20.050 ng

RT: 7.286 min Scan# 866

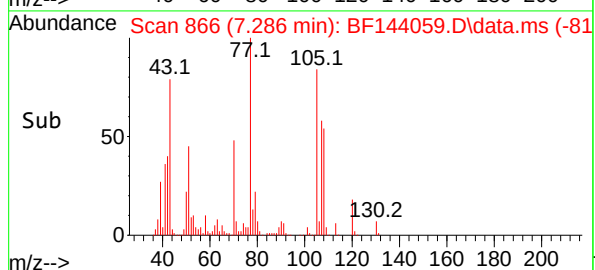
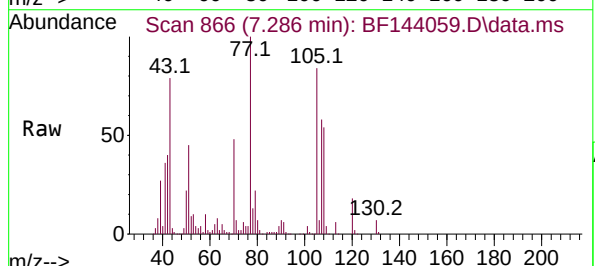
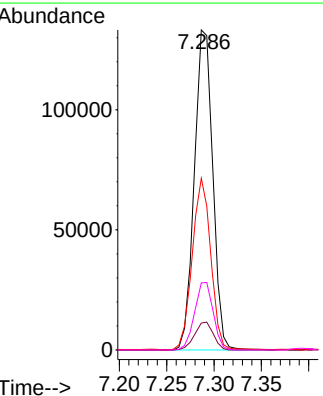
Delta R.T. 0.000 min

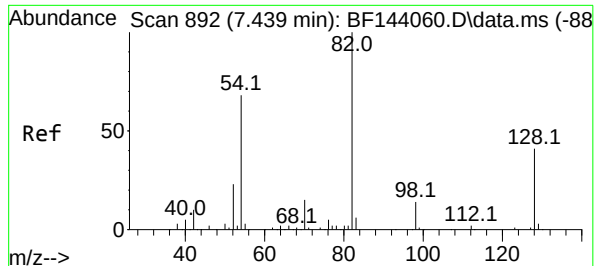
Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:105 Resp: 181010

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.9	10.3
51	53.6	40.6	60.8
120	20.9	16.8	25.2





#23

Nitrobenzene-d5

Concen: 41.016 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

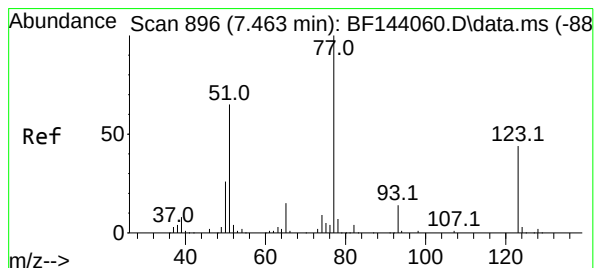
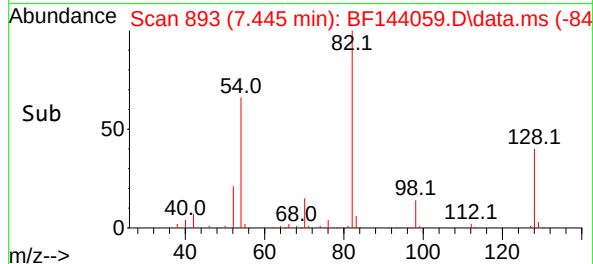
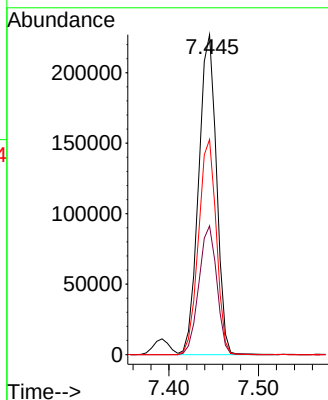
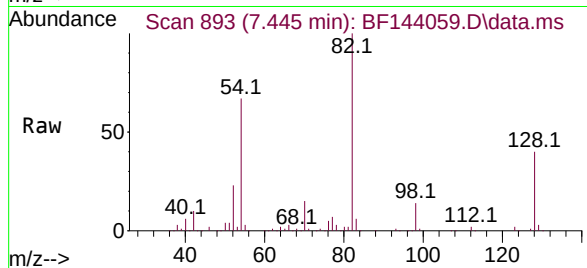
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 312746

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.4	48.6
54	67.2	54.0	81.0



#24

Nitrobenzene

Concen: 20.907 ng

RT: 7.463 min Scan# 896

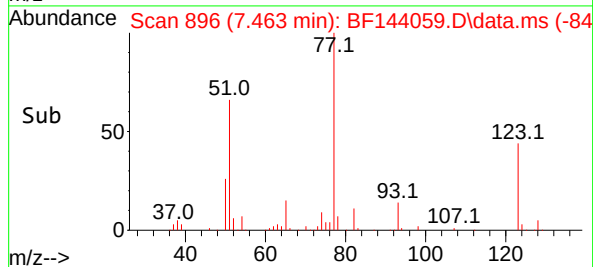
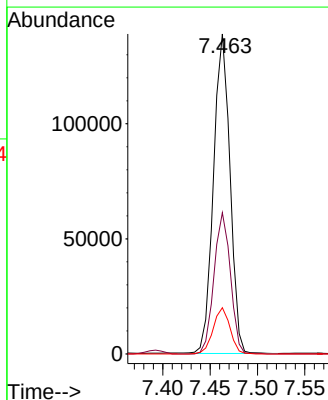
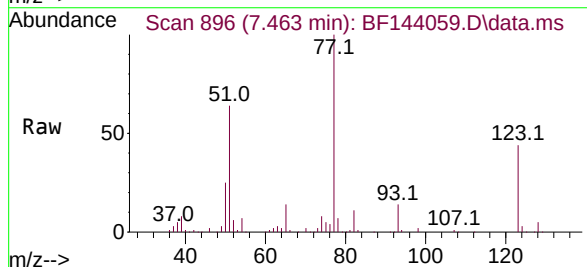
Delta R.T. 0.000 min

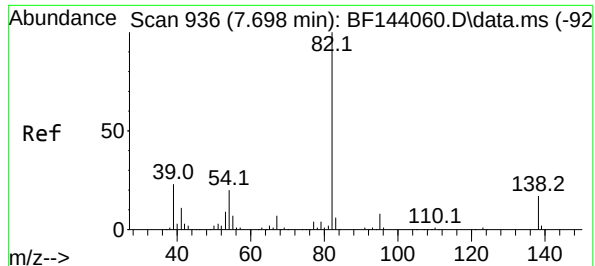
Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion: 77 Resp: 168641

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.0	52.6
65	14.4	12.2	18.2





#25

Isophorone

Concen: 20.206 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

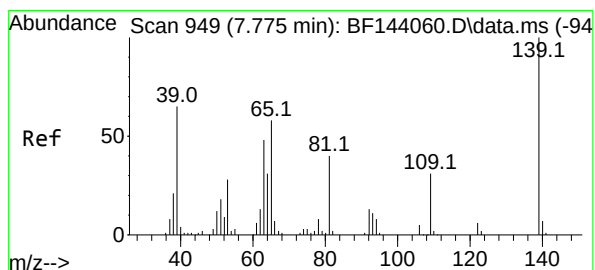
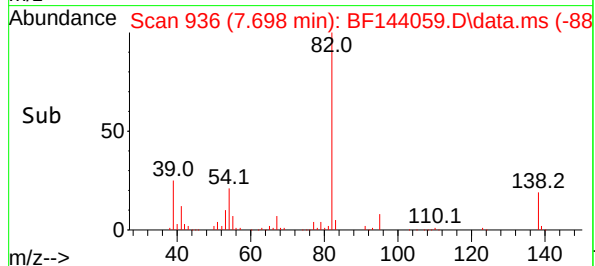
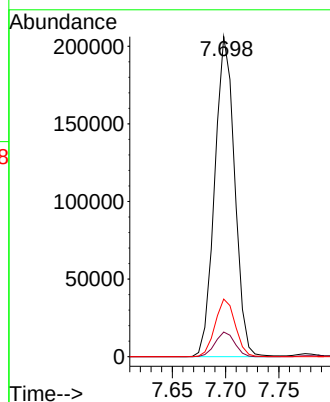
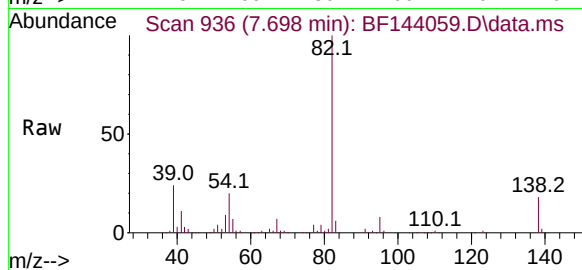
Tgt Ion: 82 Resp: 269356

Ion Ratio Lower Upper

82 100

95 7.7 6.6 9.8

138 18.0 13.8 20.8



#26

2-Nitrophenol

Concen: 21.306 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

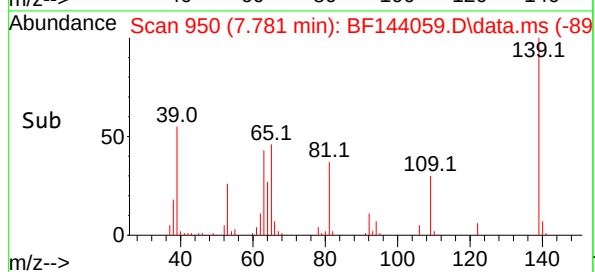
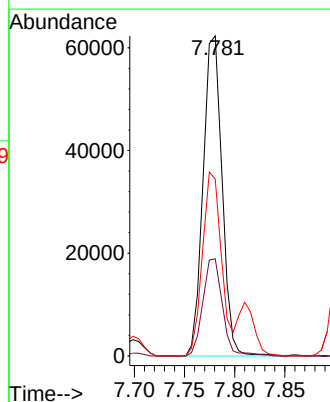
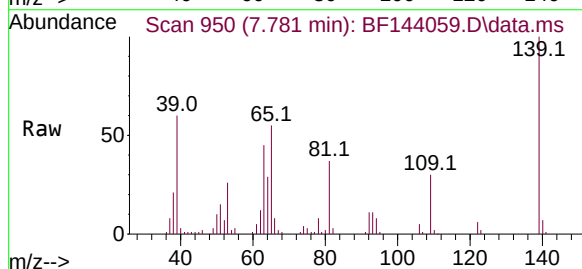
Tgt Ion: 139 Resp: 81754

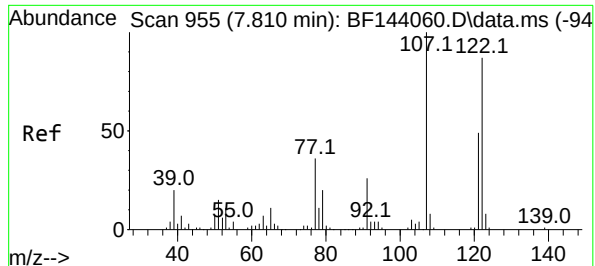
Ion Ratio Lower Upper

139 100

109 30.3 24.6 37.0

65 55.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 19.202 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

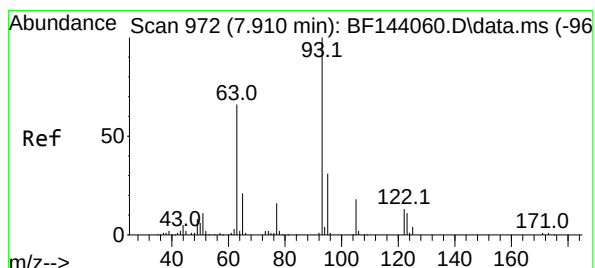
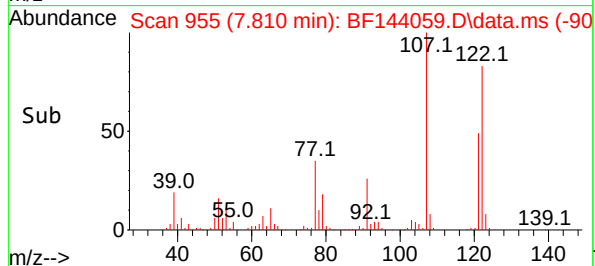
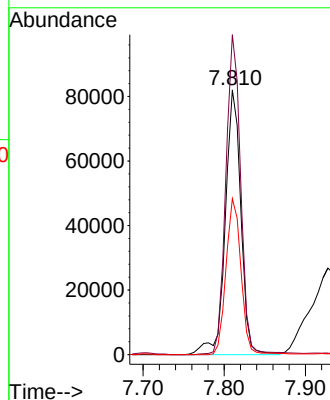
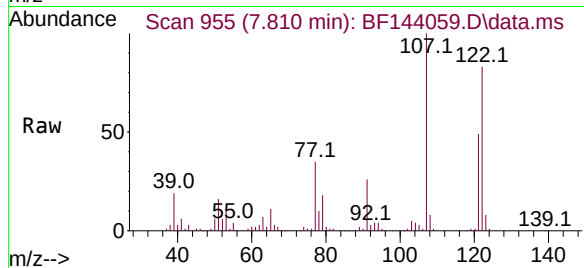
Tgt Ion:122 Resp: 109494

Ion Ratio Lower Upper

122 100

107 120.9 91.8 137.8

121 58.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.729 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

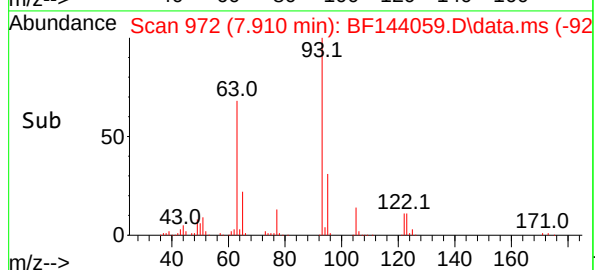
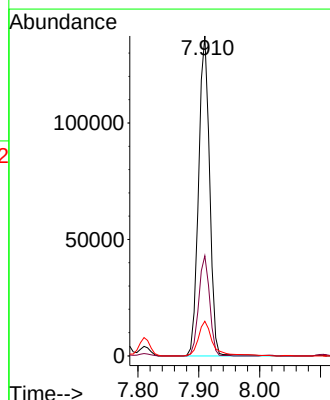
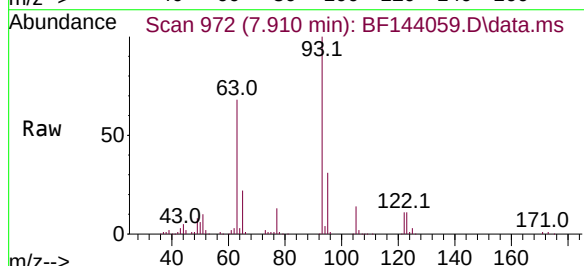
Tgt Ion: 93 Resp: 172327

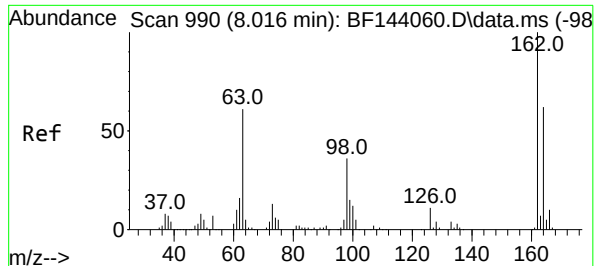
Ion Ratio Lower Upper

93 100

95 31.3 24.6 36.8

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.487 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

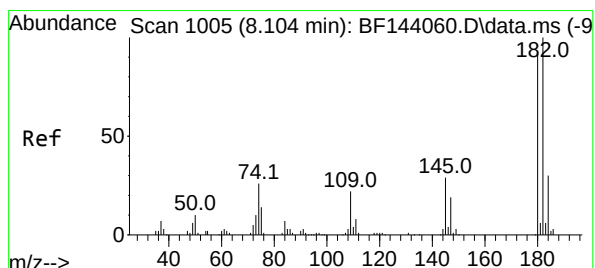
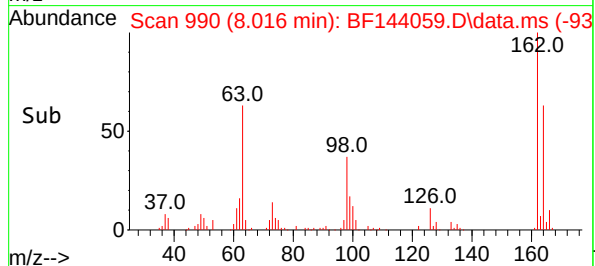
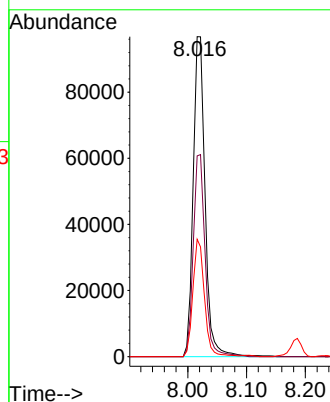
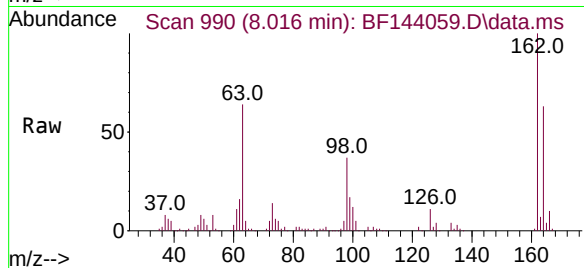
Tgt Ion:162 Resp: 135856

Ion Ratio Lower Upper

162 100

164 62.7 42.1 82.1

98 36.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 20.442 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

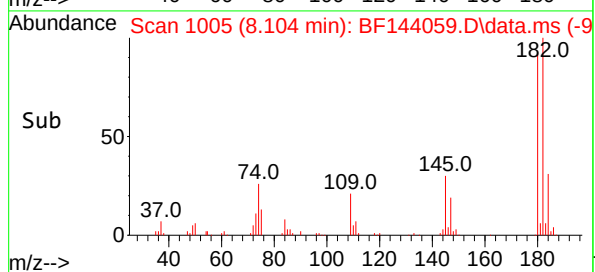
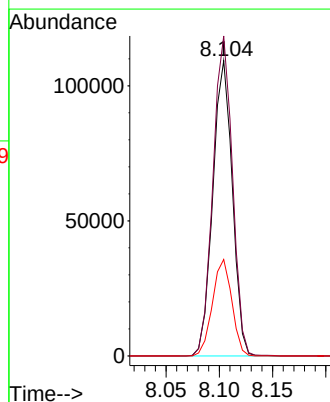
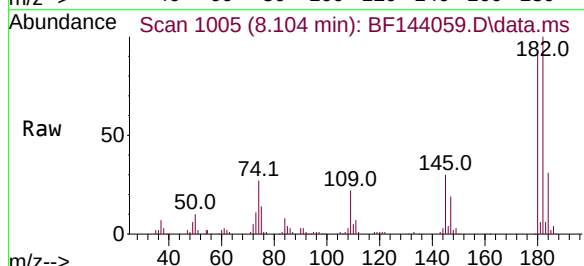
Tgt Ion:180 Resp: 139458

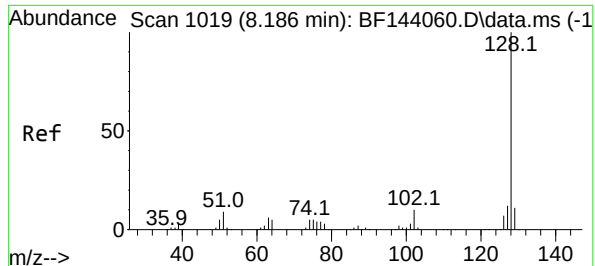
Ion Ratio Lower Upper

180 100

182 108.4 87.1 130.7

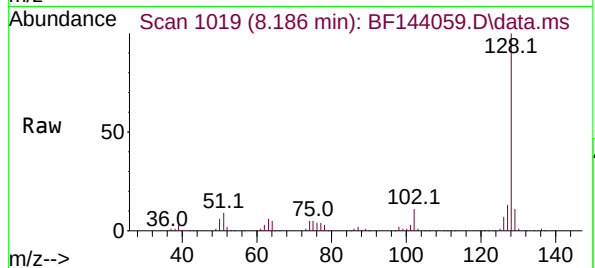
145 32.7 25.3 37.9



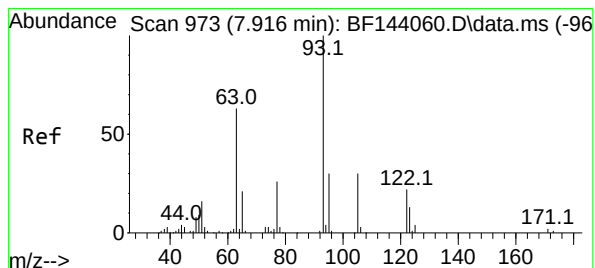
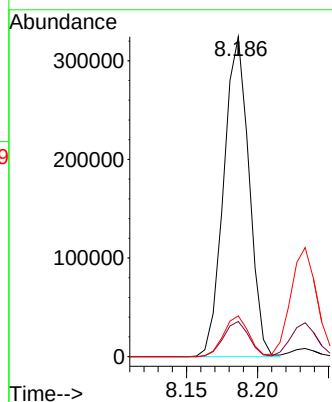
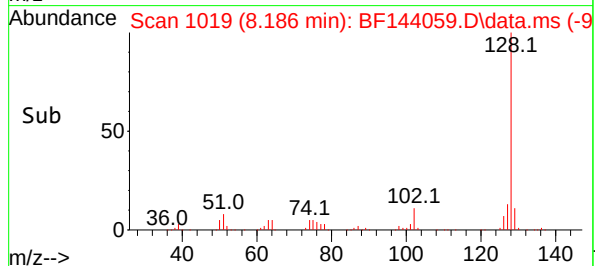


#31
Naphthalene
Concen: 20.378 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

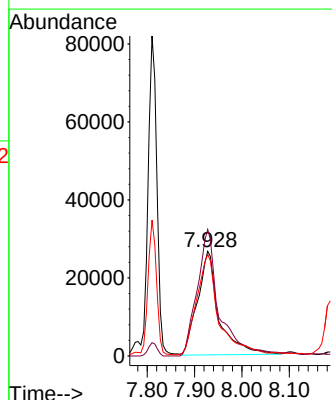
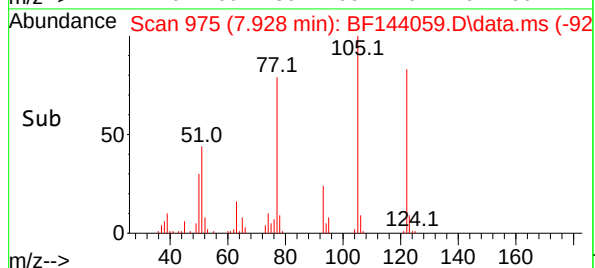
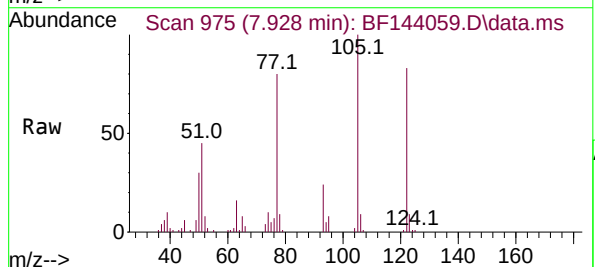


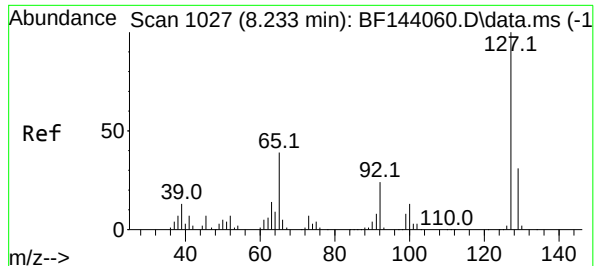
Tgt Ion:128 Resp: 401788
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.7 9.9 14.9



#32
Benzoic acid
Concen: 23.086 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:122 Resp: 83503
Ion Ratio Lower Upper
122 100
105 120.9 111.3 151.3
77 97.1 96.7 136.7





#33

4-Chloroaniline

Concen: 21.228 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 145706

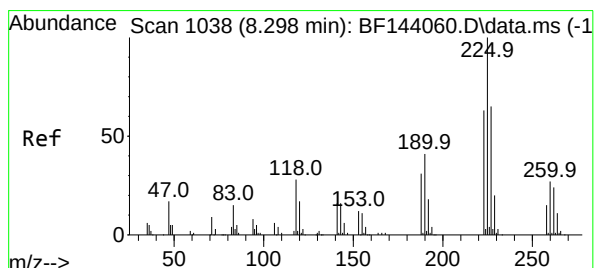
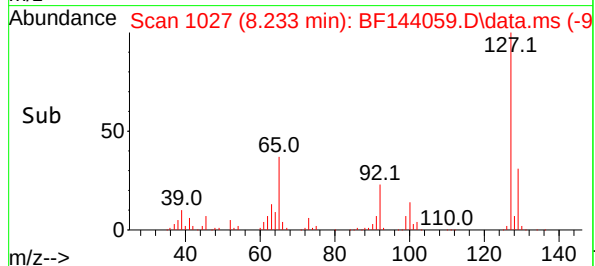
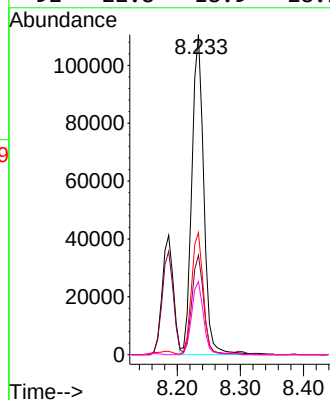
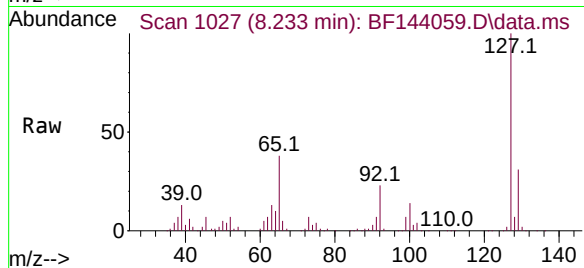
Ion Ratio Lower Upper

127 100

129 31.1 25.6 38.4

65 38.1 30.9 46.3

92 22.8 18.9 28.3



#34

Hexachlorobutadiene

Concen: 20.546 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

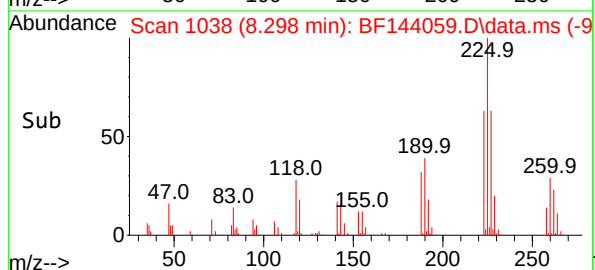
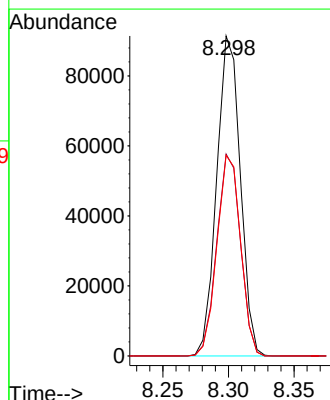
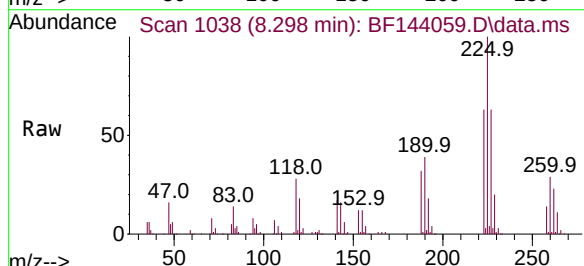
Tgt Ion:225 Resp: 114614

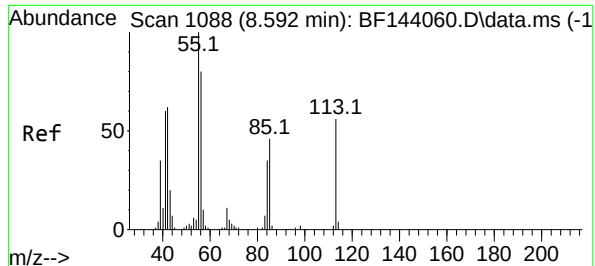
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 62.7 51.8 77.8

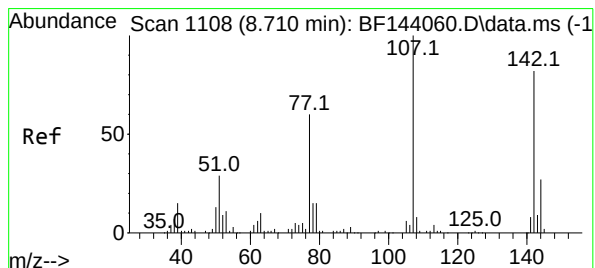
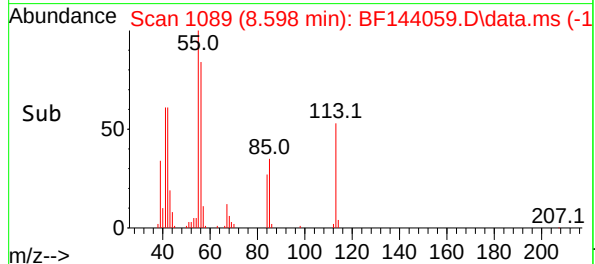
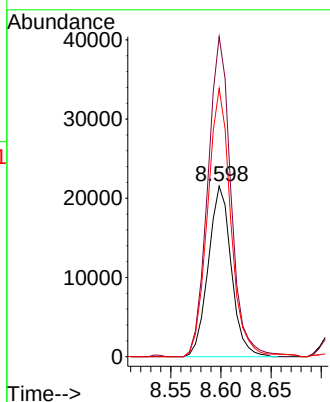
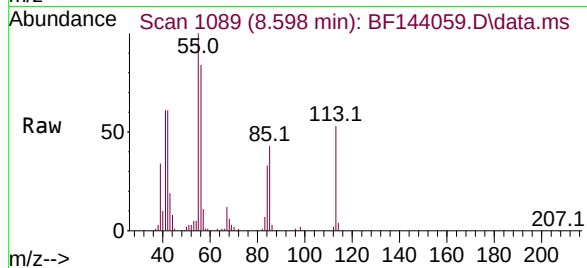




#35
Caprolactam
Concen: 20.591 ng
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

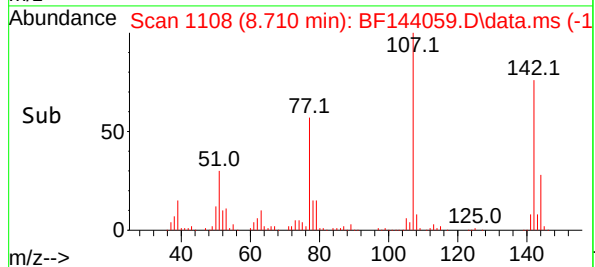
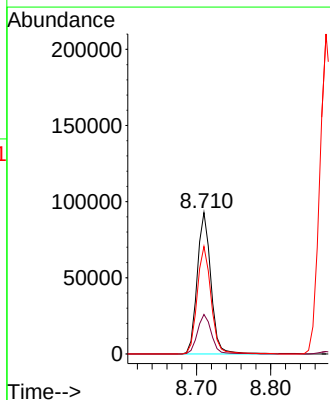
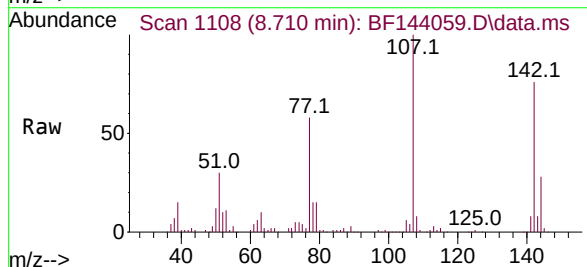
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

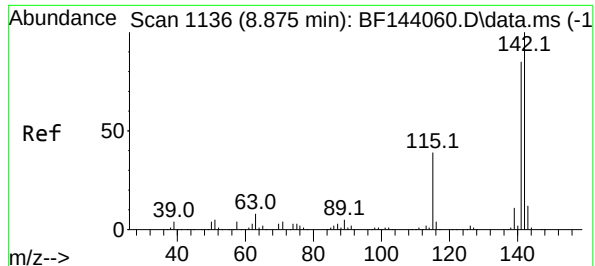
Tgt Ion	Ratio	Lower	Upper
113	100		
55	187.8	160.1	200.1
56	157.4	124.9	164.9



#36
4-Chloro-3-methylphenol
Concen: 20.357 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.6	32.4
142	76.0	65.4	98.0





#37

2-Methylnaphthalene

Concen: 20.280 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

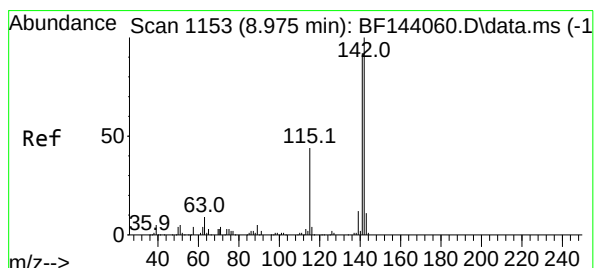
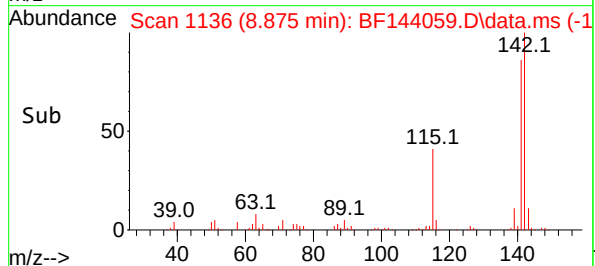
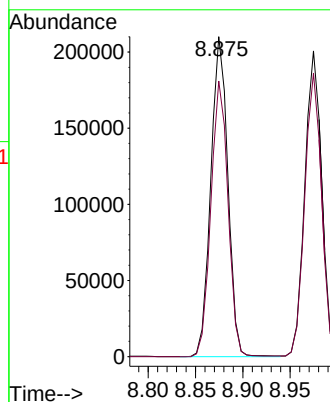
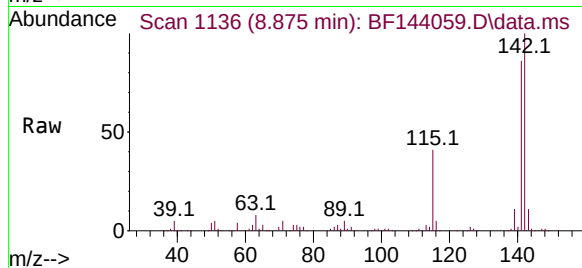
SSTDICC020

Tgt Ion:142 Resp: 263628

Ion Ratio Lower Upper

142 100

141 86.1 67.6 101.4



#38

1-Methylnaphthalene

Concen: 20.035 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144059.D

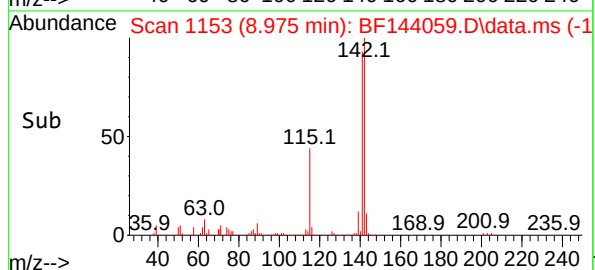
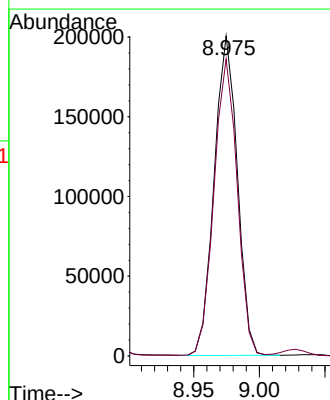
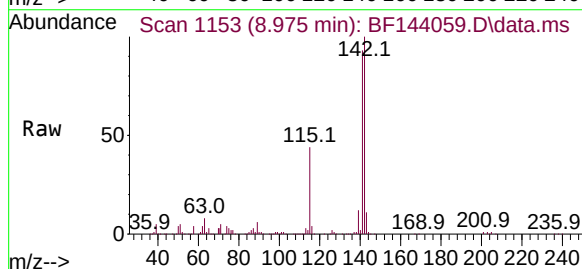
Acq: 24 Oct 2025 12:36

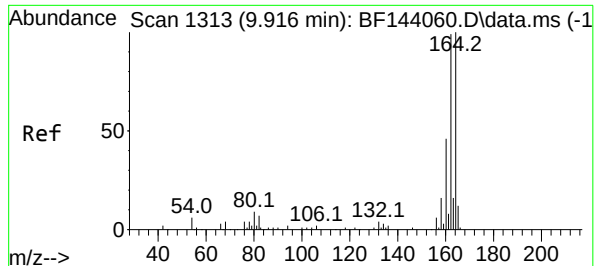
Tgt Ion:142 Resp: 246748

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

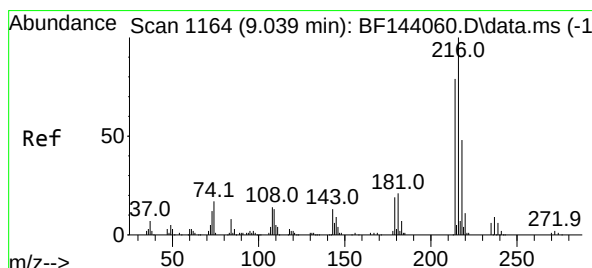
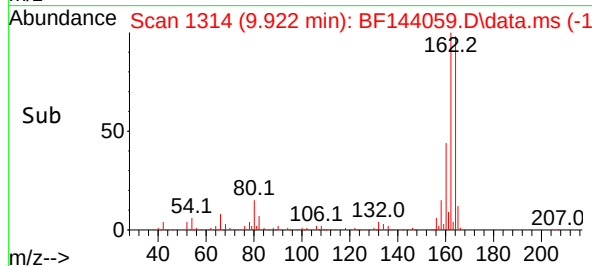
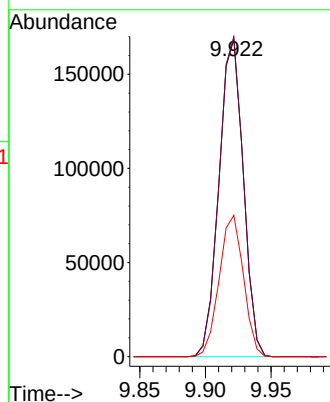
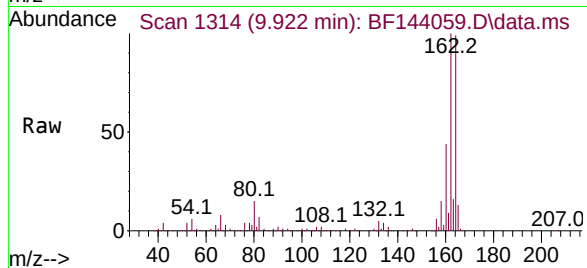
Tgt Ion:164 Resp: 217706

Ion	Ratio	Lower	Upper

164	100		

162	100.9	79.4	119.2

160	44.6	36.7	55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.160 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:216 Resp: 150836

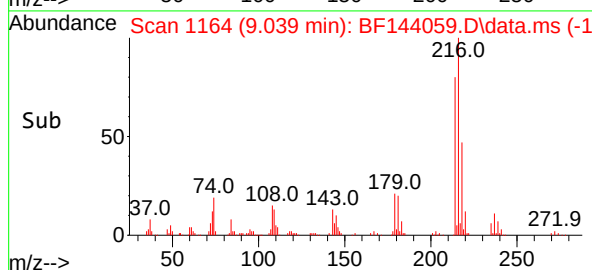
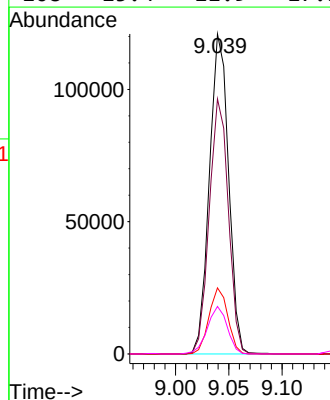
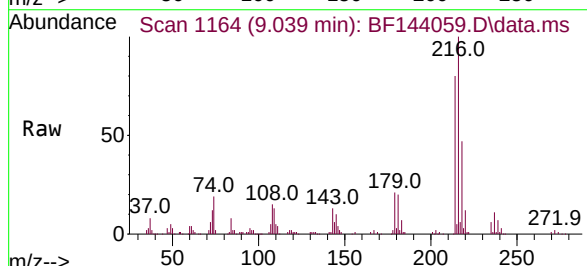
Ion	Ratio	Lower	Upper

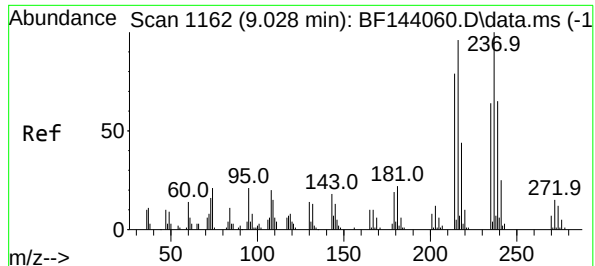
216	100		

214	79.3	63.2	94.8

179	20.2	15.2	22.8

108	15.4	11.9	17.9

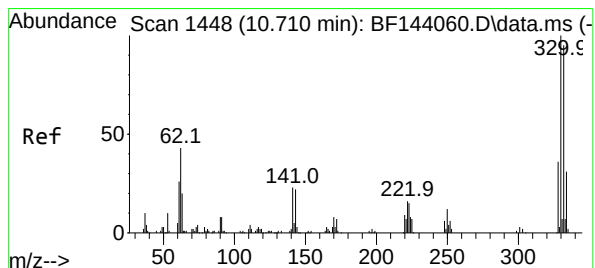
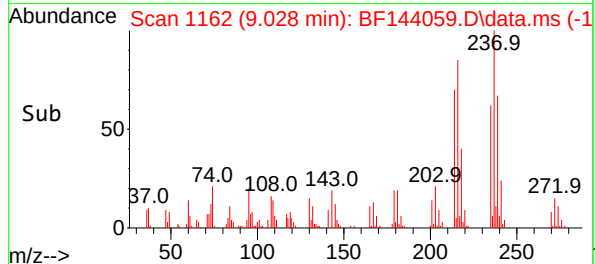
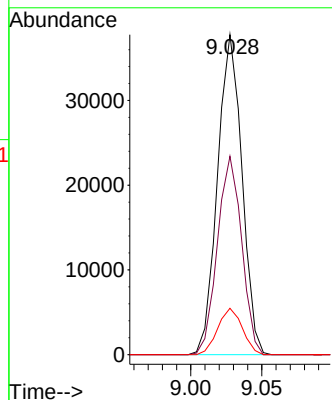
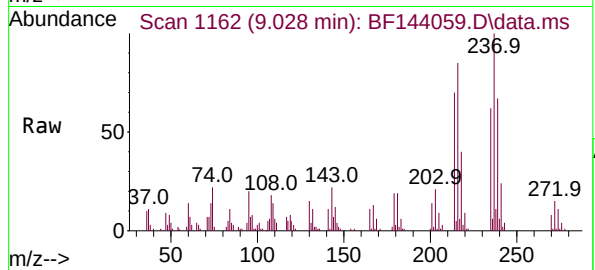




#41
Hexachlorocyclopentadiene
Concen: 19.591 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

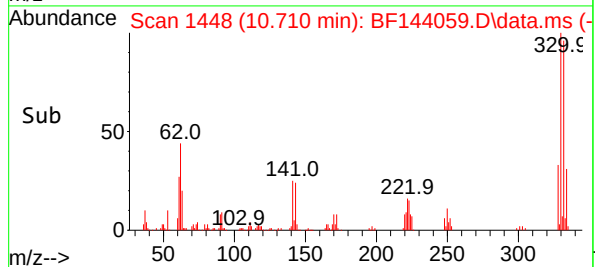
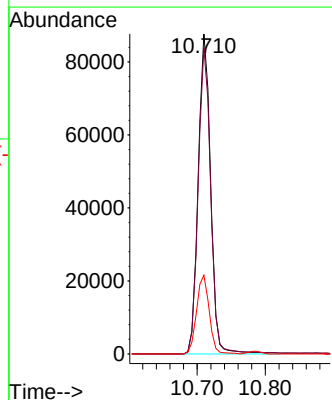
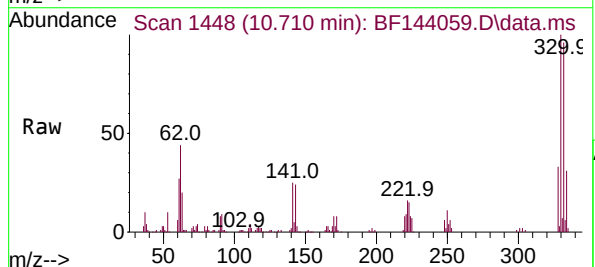
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

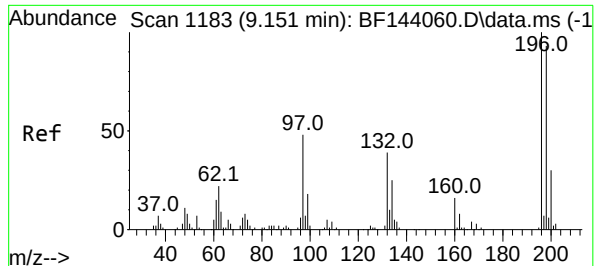
Tgt Ion: 237 Resp: 45275
Ion Ratio Lower Upper
237 100
235 62.0 44.3 84.3
272 14.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 40.132 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 330 Resp: 111292
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 24.9 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 21.484 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

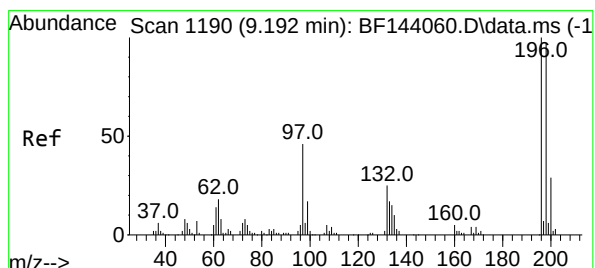
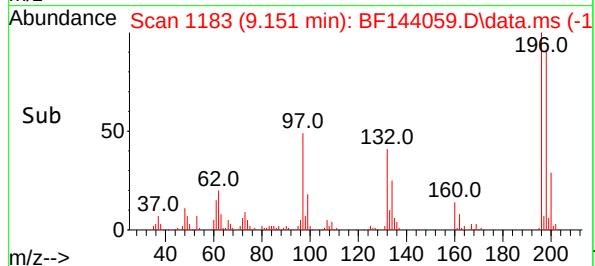
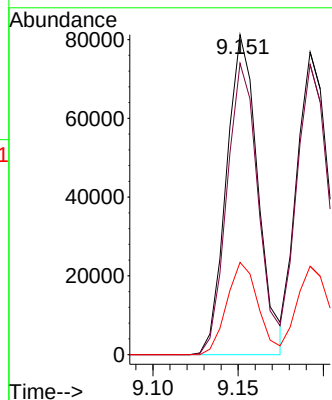
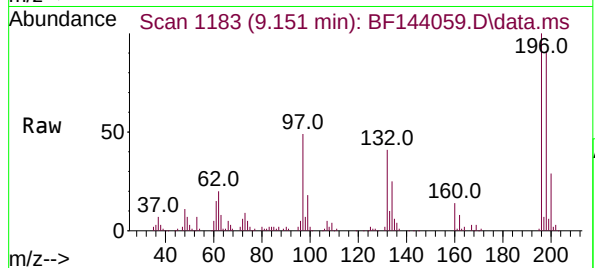
Tgt Ion:196 Resp: 104484

Ion Ratio Lower Upper

196 100

198 91.0 74.4 111.6

200 28.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 20.655 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:196 Resp: 105424

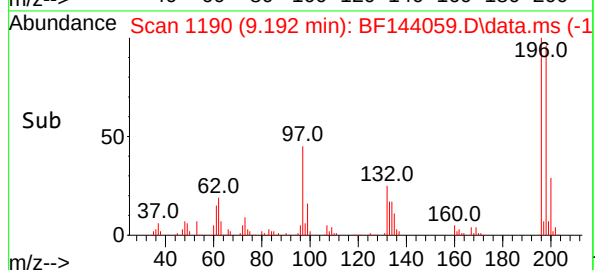
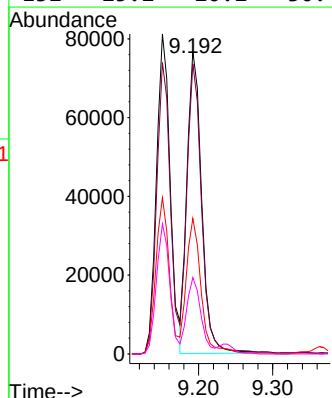
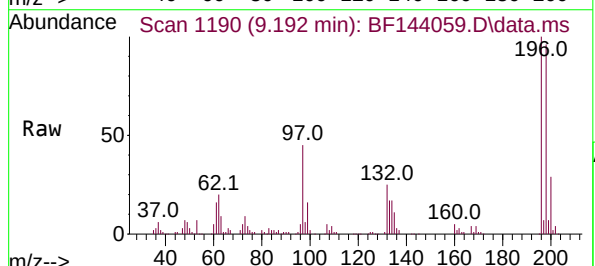
Ion Ratio Lower Upper

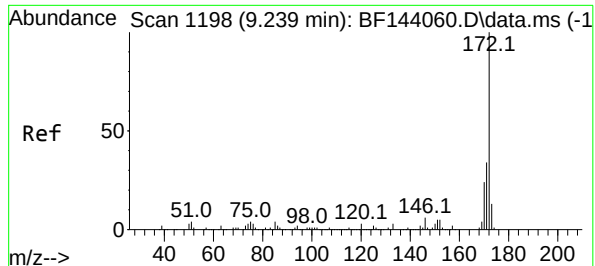
196 100

198 95.9 78.0 117.0

97 44.7 37.7 56.5

132 25.2 20.2 30.4

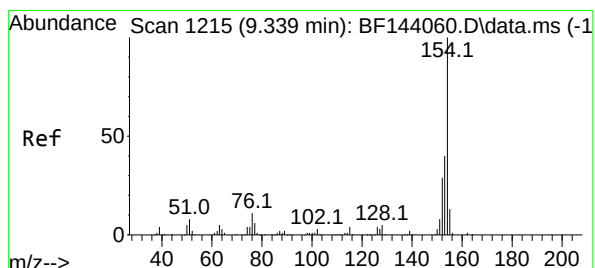
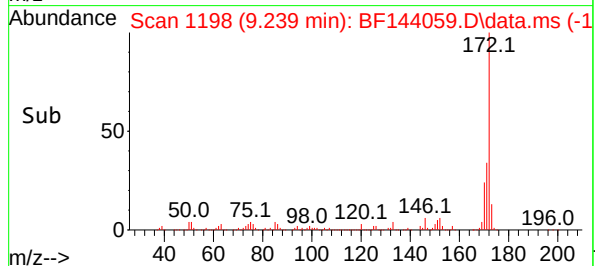
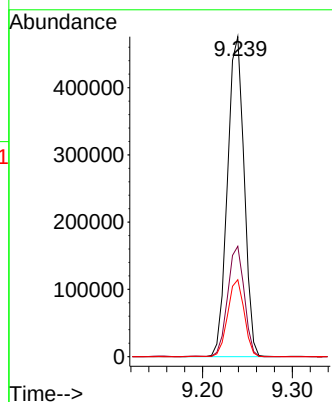
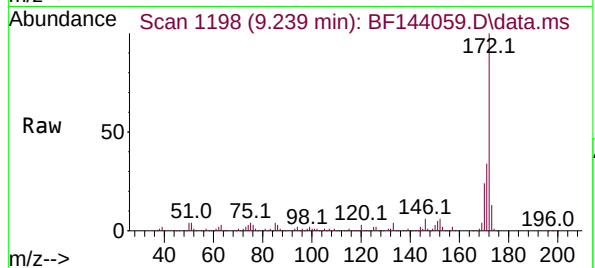




#45
2-Fluorobiphenyl
Concen: 39.724 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

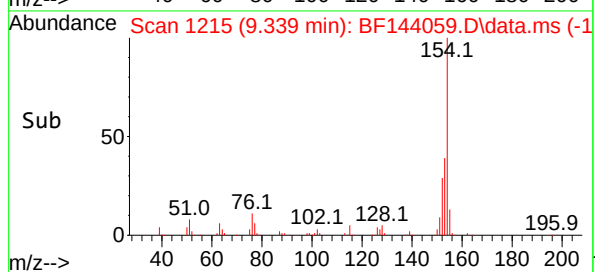
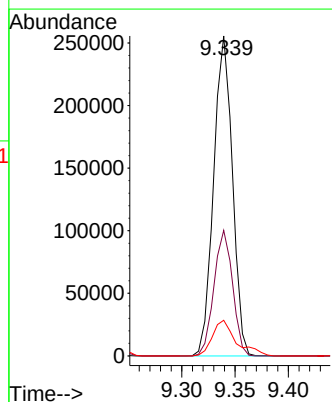
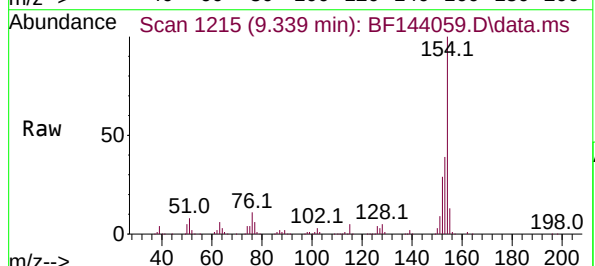
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

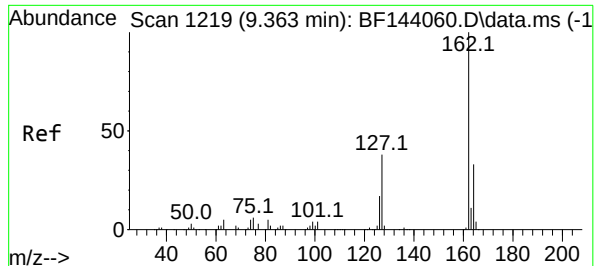
Tgt Ion:172 Resp: 614559
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 20.128 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:154 Resp: 313680
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.561 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

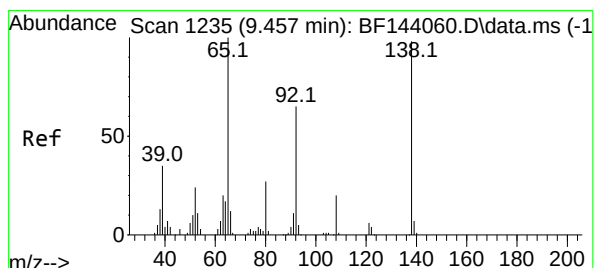
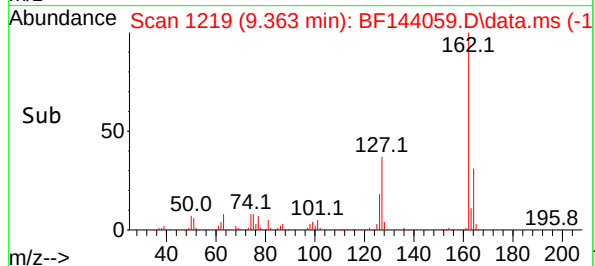
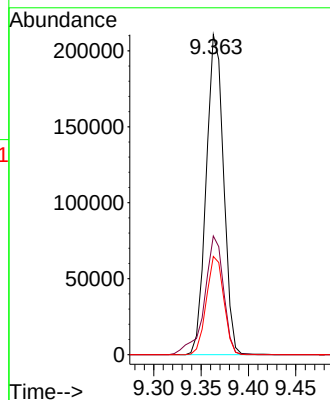
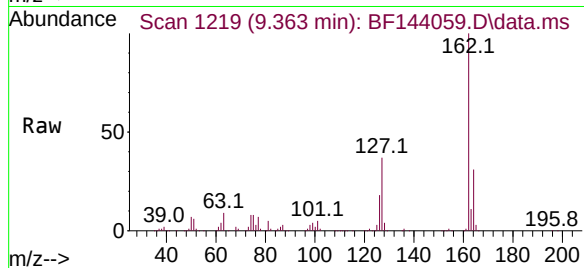
Tgt Ion:162 Resp: 268452

Ion Ratio Lower Upper

162 100

127 37.1 31.6 47.4

164 30.7 26.5 39.7



#48

2-Nitroaniline

Concen: 20.678 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

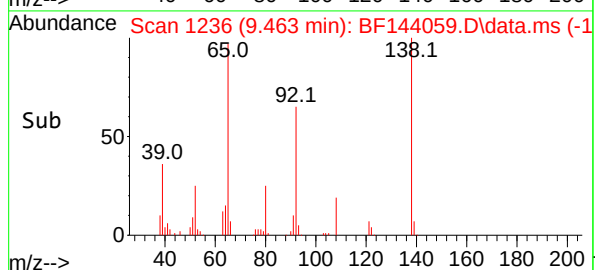
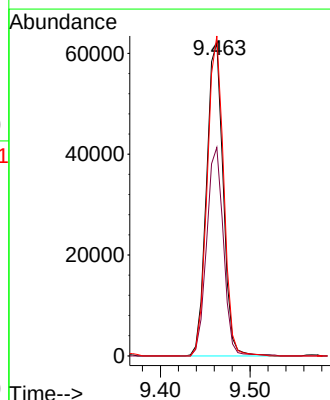
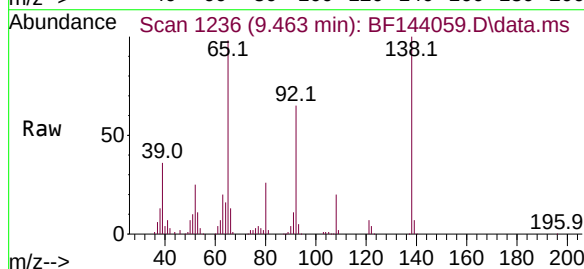
Tgt Ion: 65 Resp: 80171

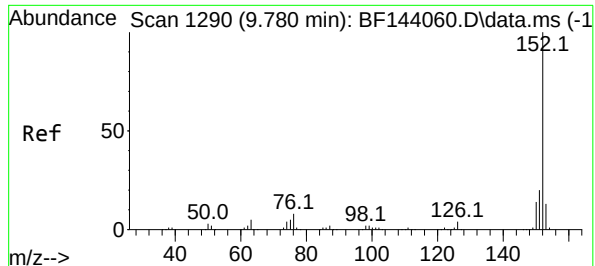
Ion Ratio Lower Upper

65 100

92 66.6 52.3 78.5

138 102.3 78.3 117.5





#49

Acenaphthylene

Concen: 20.575 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144059.D

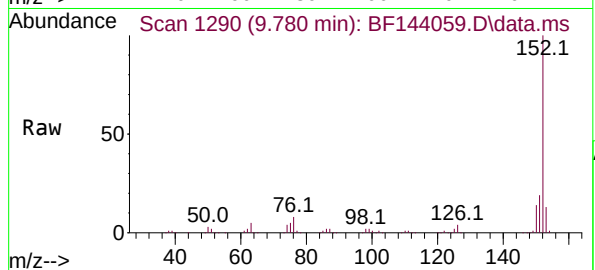
Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



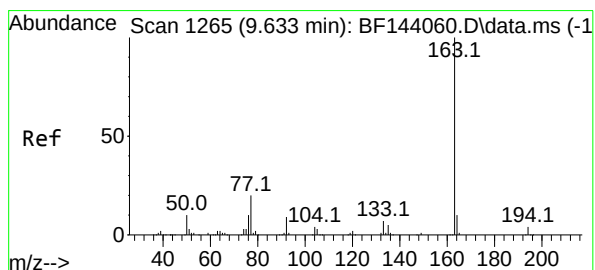
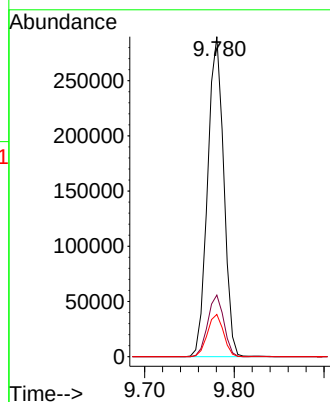
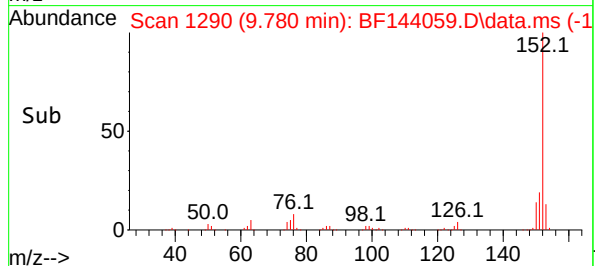
Tgt Ion:152 Resp: 362218

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

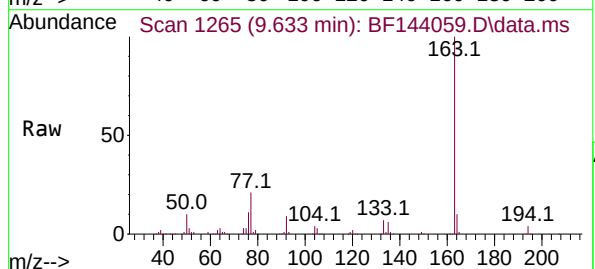
Concen: 20.324 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36



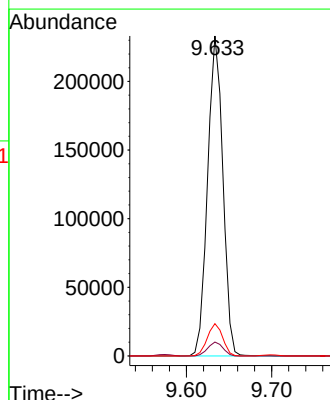
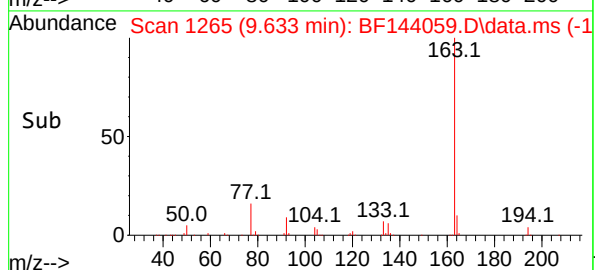
Tgt Ion:163 Resp: 290025

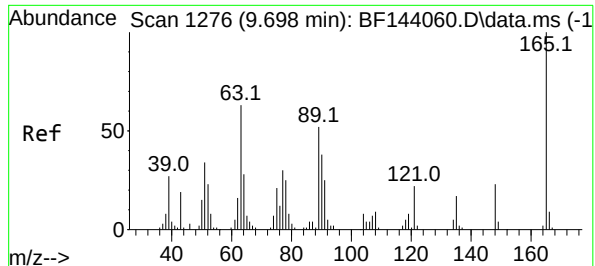
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 21.235 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

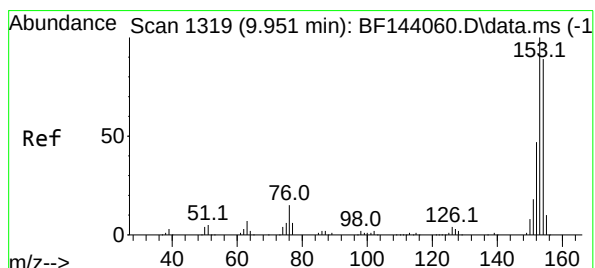
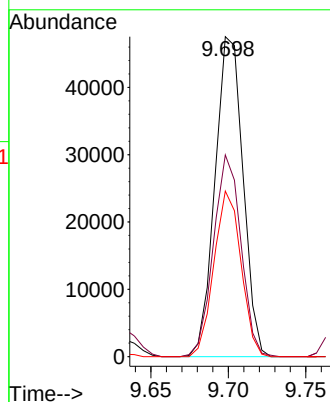
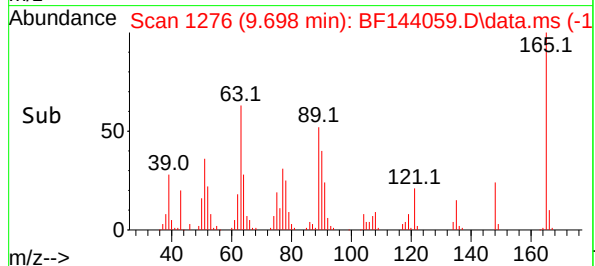
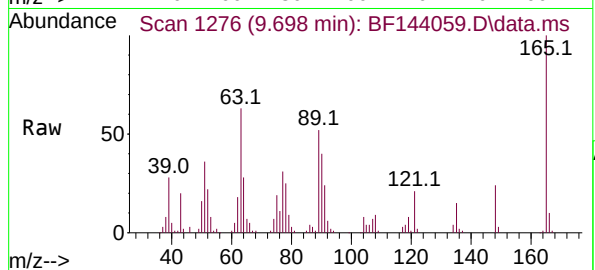
Tgt Ion:165 Resp: 59905

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.7 41.4 62.2



#52

Acenaphthene

Concen: 21.003 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

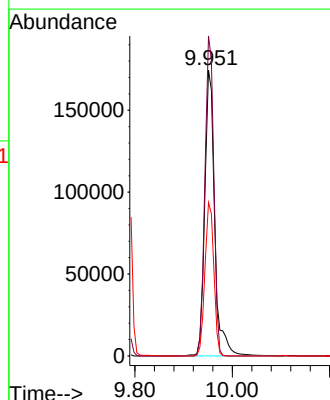
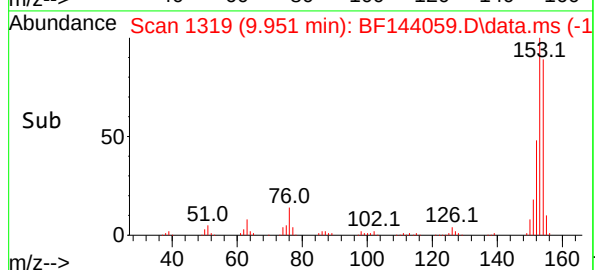
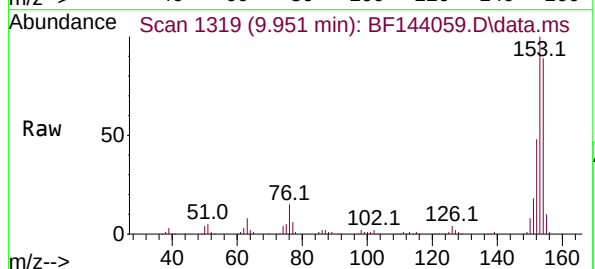
Tgt Ion:154 Resp: 246935

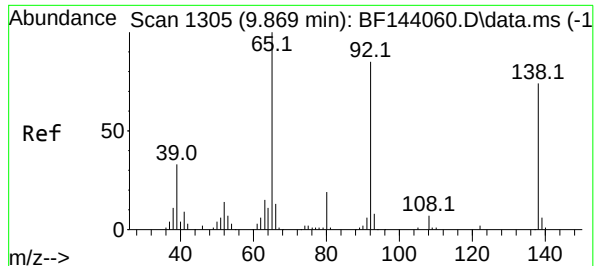
Ion Ratio Lower Upper

154 100

153 112.0 89.9 134.9

152 53.7 42.0 63.0

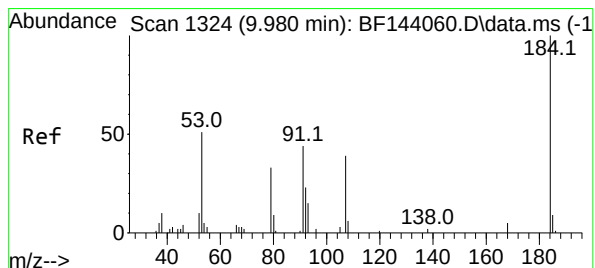
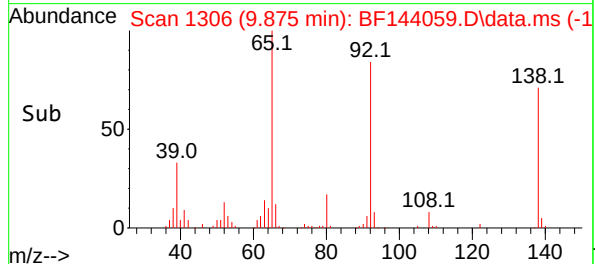
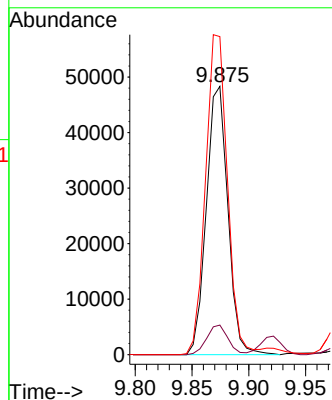
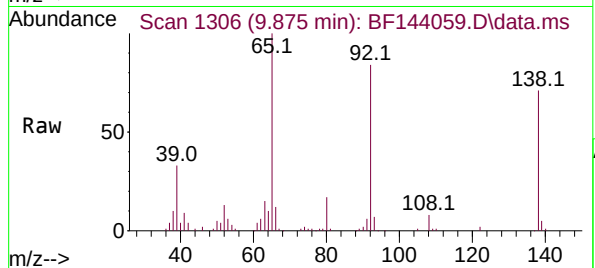




#53
3-Nitroaniline
Concen: 20.358 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

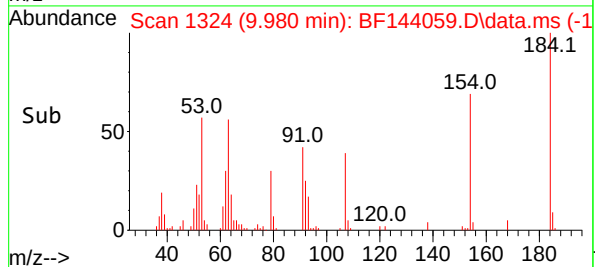
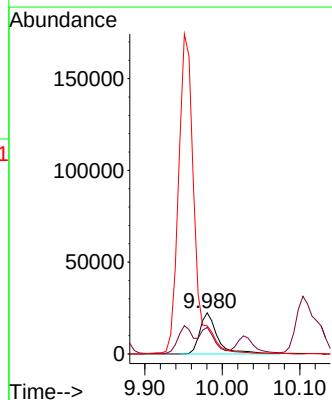
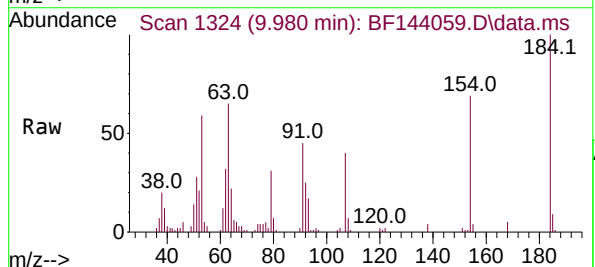
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

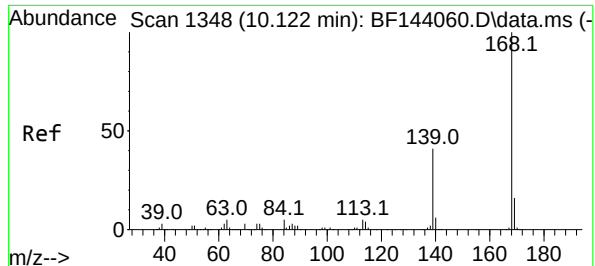
Tgt Ion:138 Resp: 63852
Ion Ratio Lower Upper
138 100
108 11.0 7.9 11.9
92 118.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 23.089 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:184 Resp: 35229
Ion Ratio Lower Upper
184 100
63 64.6 52.1 78.1
154 68.6 47.9 71.9





#55

Dibenzenofuran

Concen: 20.162 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

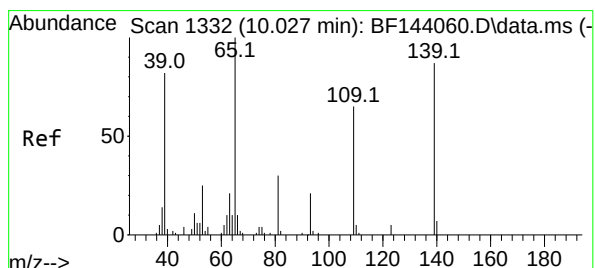
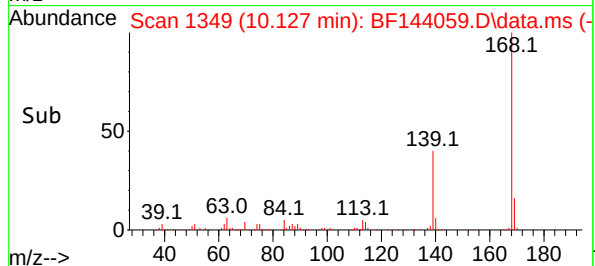
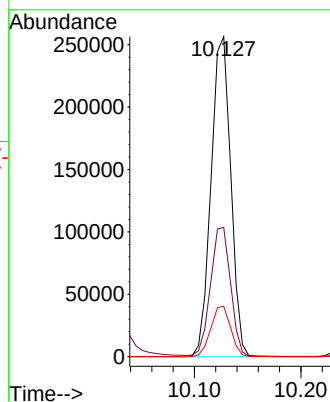
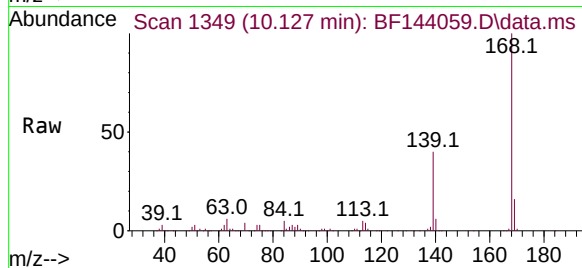
Tgt Ion:168 Resp: 329079

Ion Ratio Lower Upper

168 100

139 40.4 33.2 49.8

169 15.7 12.6 19.0



#56

4-Nitrophenol

Concen: 20.402 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

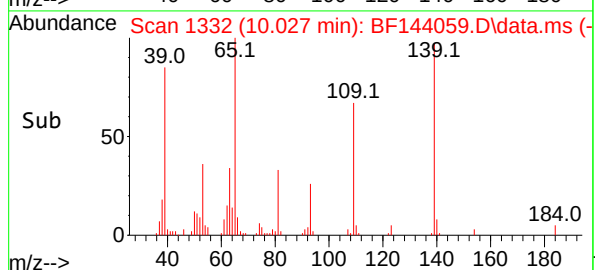
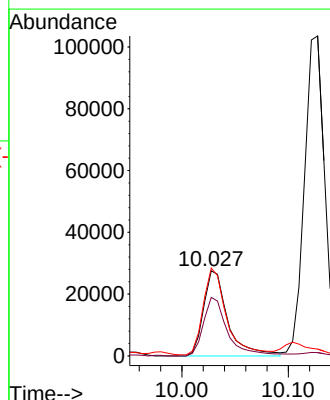
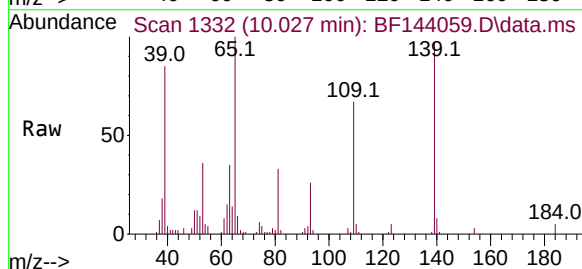
Tgt Ion:139 Resp: 43333

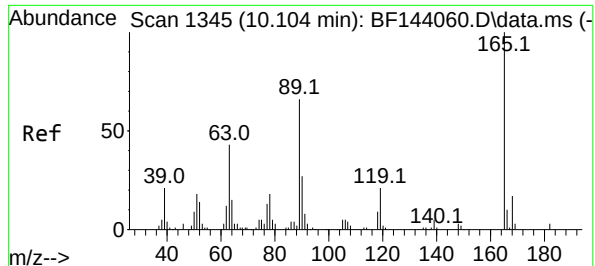
Ion Ratio Lower Upper

139 100

109 68.6 53.8 93.8

65 103.2 95.9 135.9

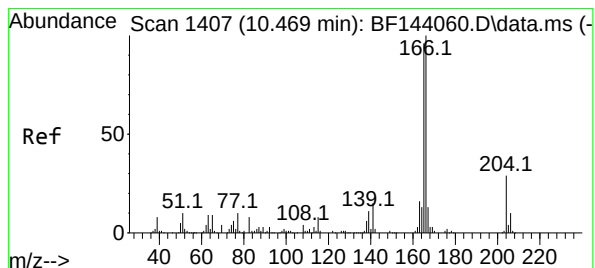
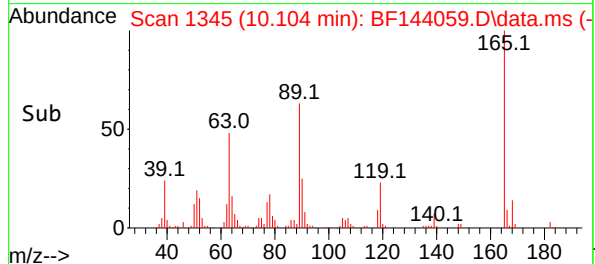
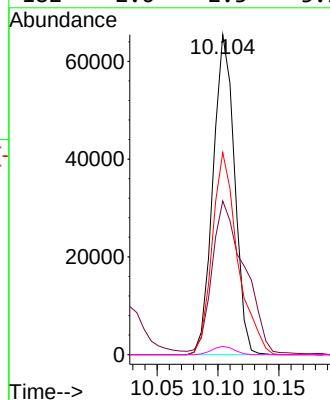
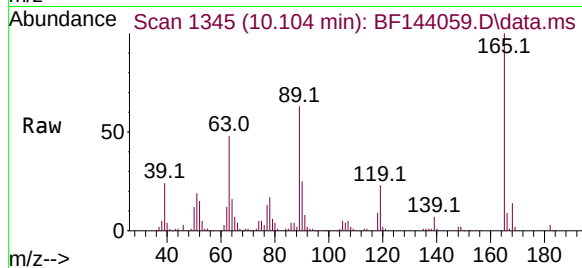




#57
2,4-Dinitrotoluene
Concen: 21.160 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

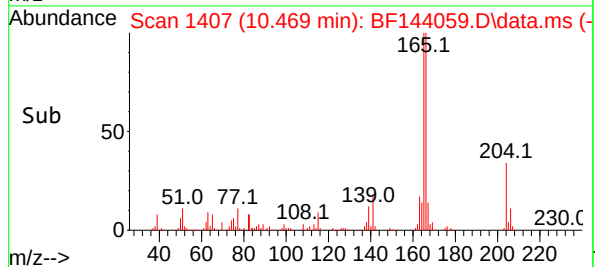
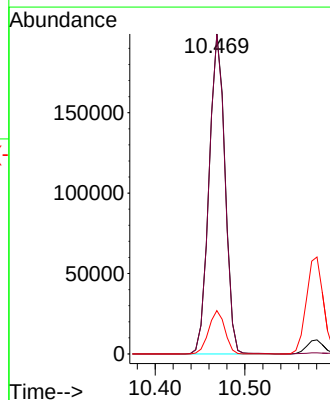
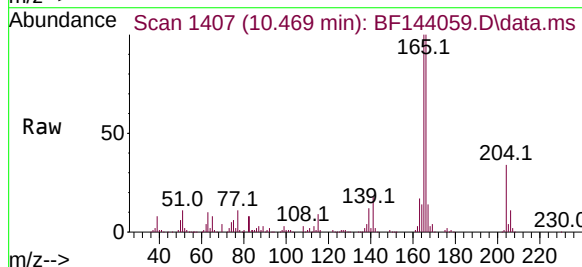
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

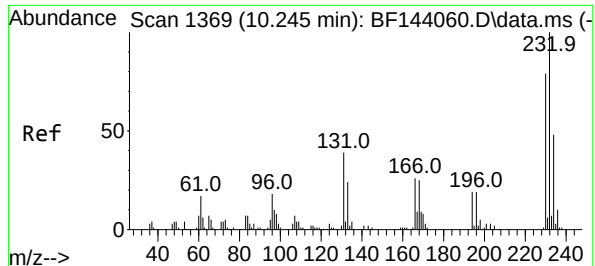
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	35.4	53.2
89	63.1	52.7	79.1
182	2.6	2.3	3.5



#58
Fluorene
Concen: 19.841 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.0	115.4
167	13.5	10.2	15.4

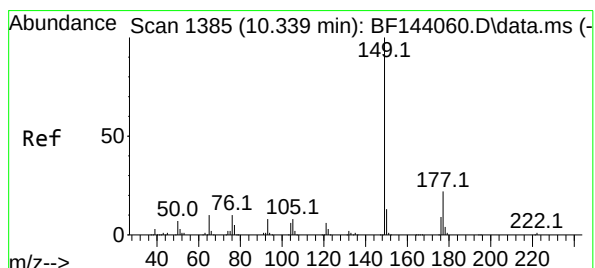
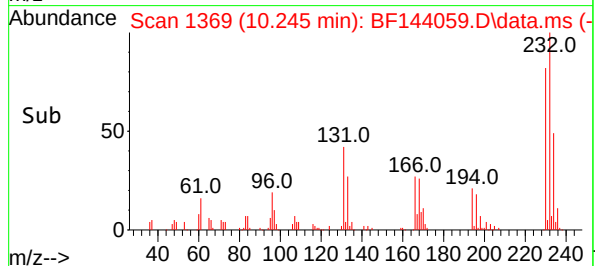
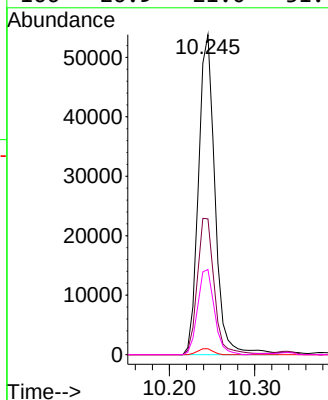
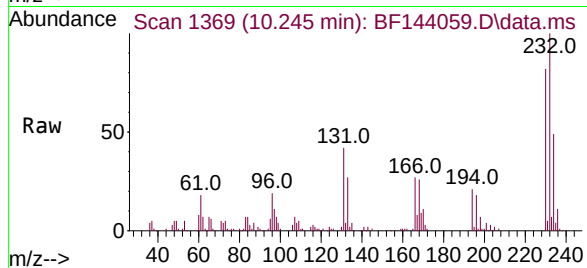




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.172 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

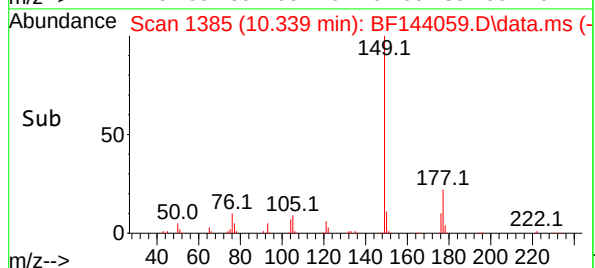
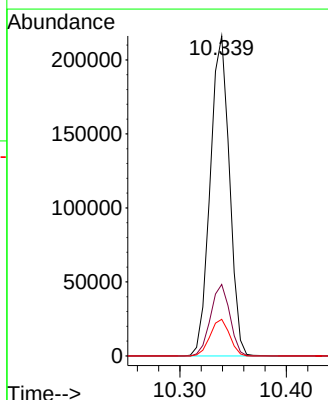
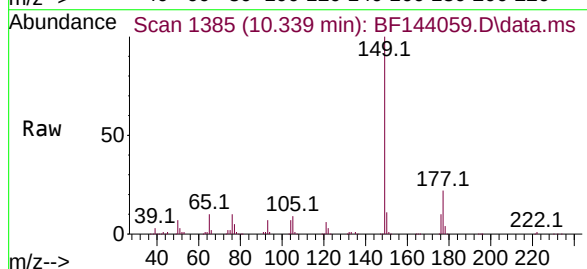
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

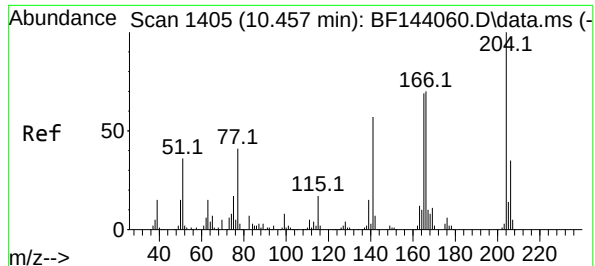
Tgt Ion:232 Resp: 72554
Ion Ratio Lower Upper
232 100
131 43.5 31.9 47.9
130 1.7 1.1 1.7#
166 26.9 21.0 31.4



#60
Diethylphthalate
Concen: 20.184 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:149 Resp: 270864
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 11.4 10.1 15.1

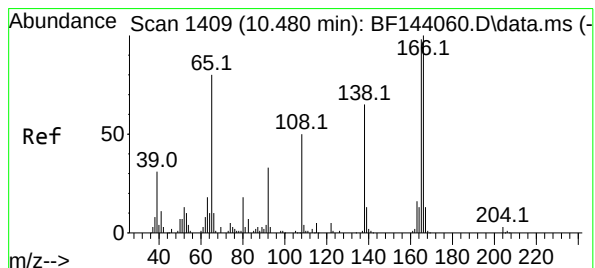
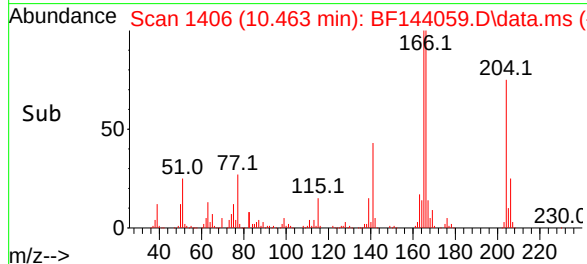
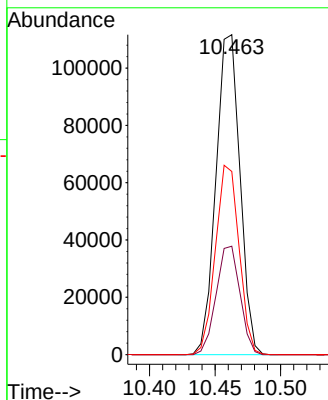
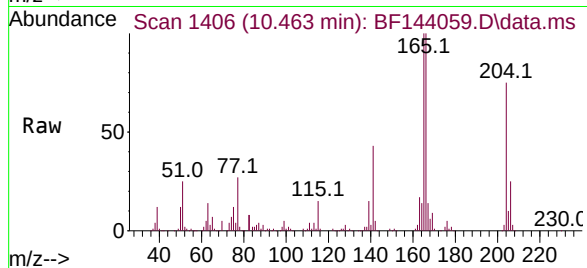




#61
4-Chlorophenyl-phenylether
Concen: 20.406 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

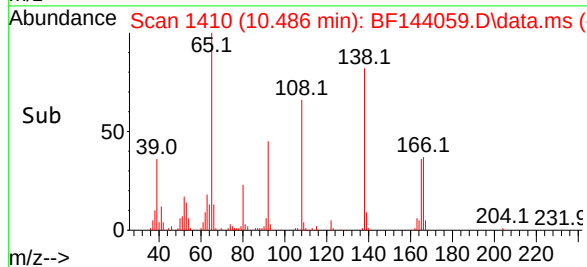
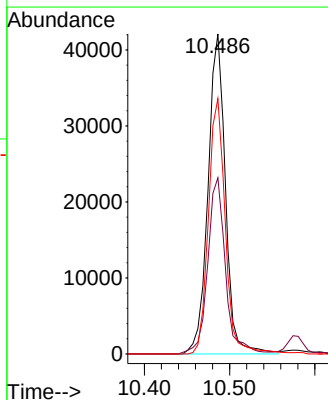
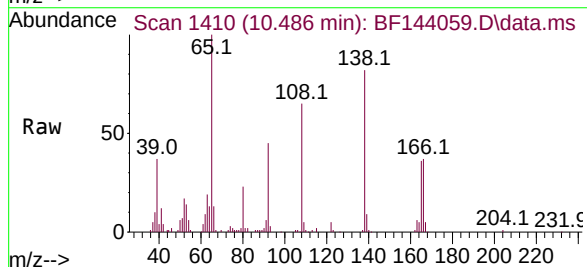
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

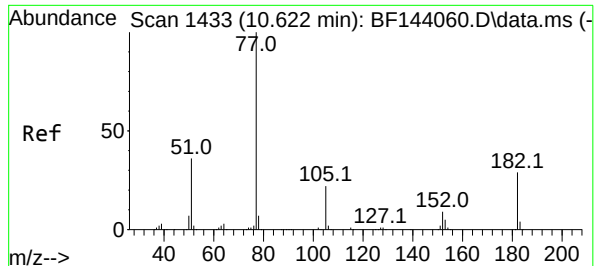
Tgt Ion:204 Resp: 142719
Ion Ratio Lower Upper
204 100
206 33.9 27.8 41.6
141 57.2 45.4 68.2



#62
4-Nitroaniline
Concen: 20.157 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:138 Resp: 59903
Ion Ratio Lower Upper
138 100
92 55.0 30.5 70.5
108 79.8 56.2 96.2

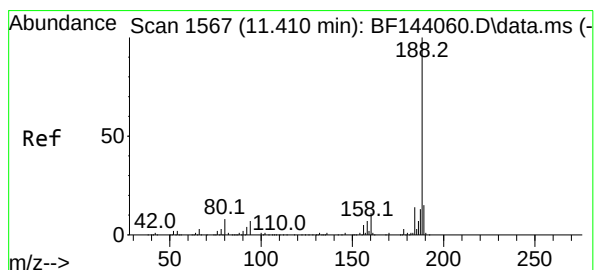
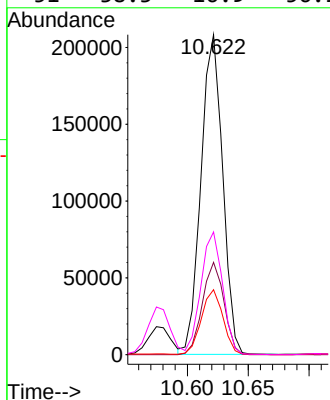
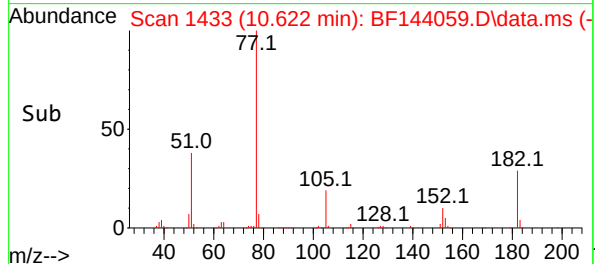
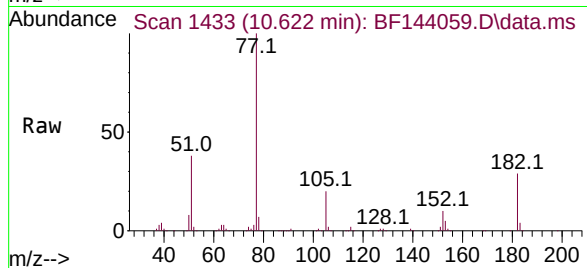




#63
Azobenzene
Concen: 20.346 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

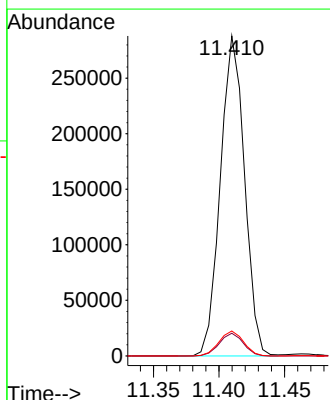
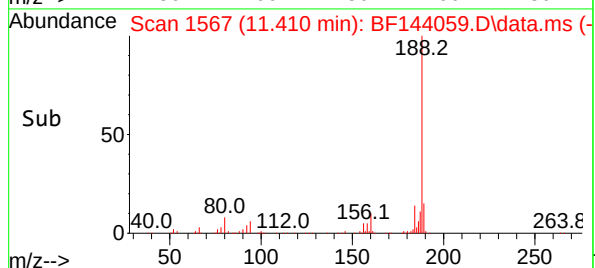
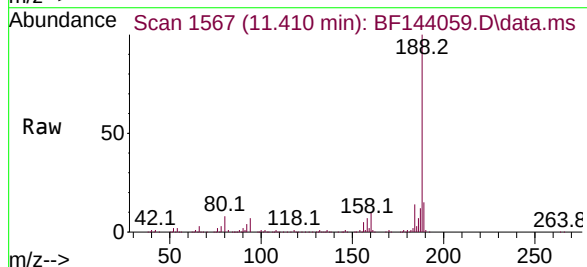
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

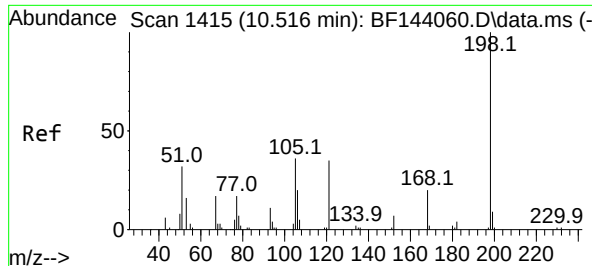
Tgt Ion: 77 Resp: 258435
Ion Ratio Lower Upper
77 100
182 28.8 9.0 49.0
105 20.3 1.4 41.4
51 38.3 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 188 Resp: 369584
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.8 6.0 9.0

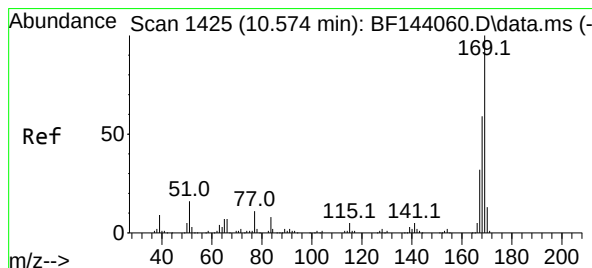
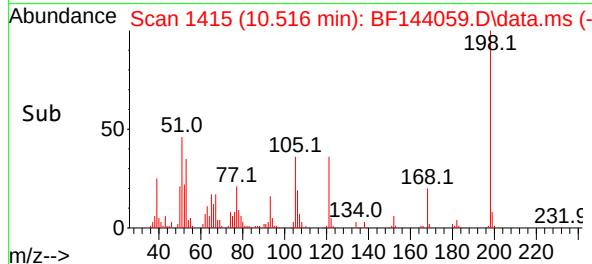
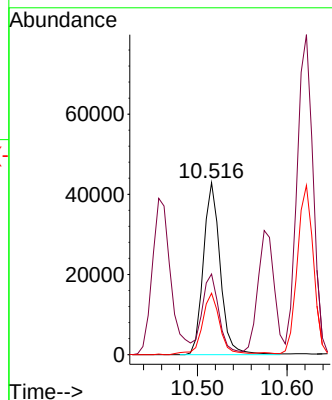
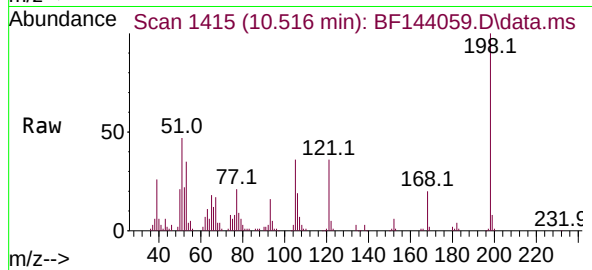




#65
4,6-Dinitro-2-methylphenol
Concen: 23.553 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

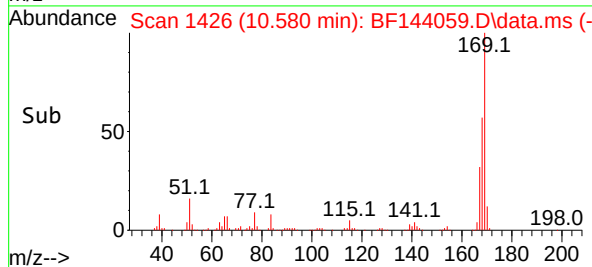
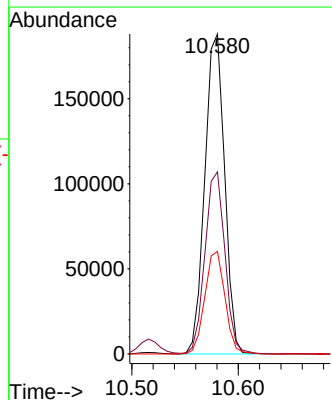
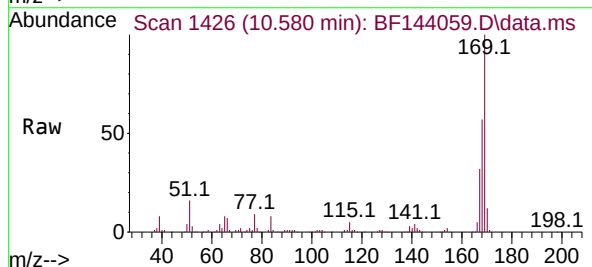
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

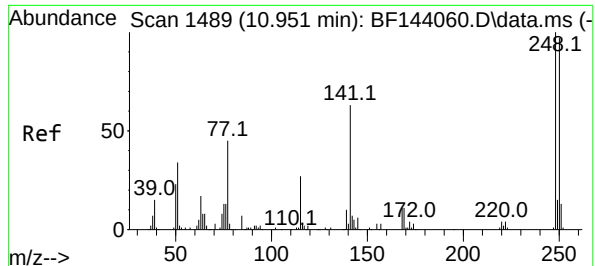
Tgt Ion:198 Resp: 55850
Ion Ratio Lower Upper
198 100
51 46.8 25.8 65.8
105 35.7 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 20.563 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:169 Resp: 242811
Ion Ratio Lower Upper
169 100
168 56.9 47.4 71.2
167 32.0 25.5 38.3

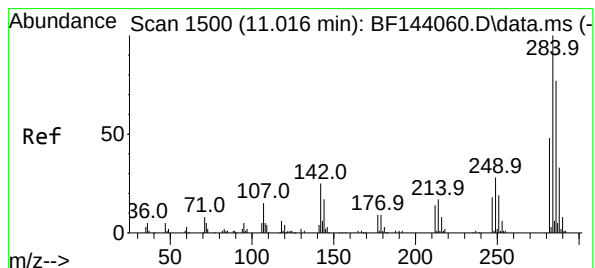
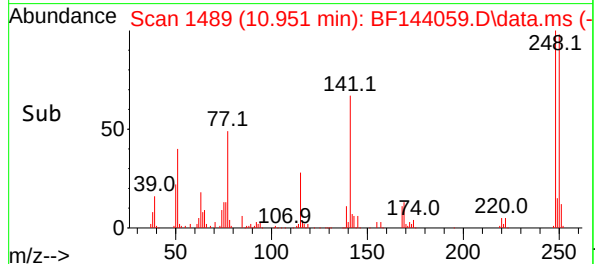
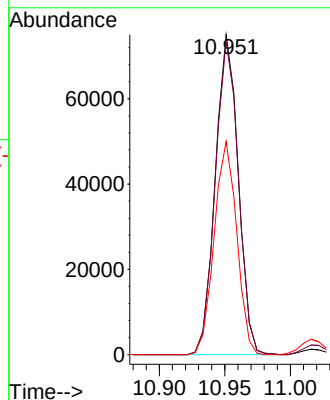
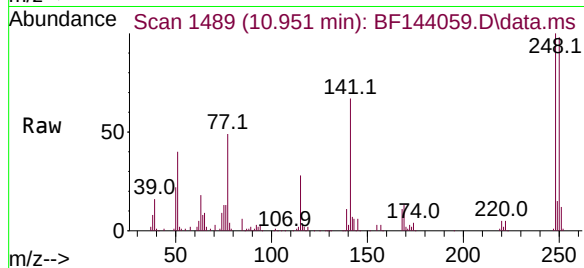




#67
4-Bromophenyl-phenylether
Concen: 19.753 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

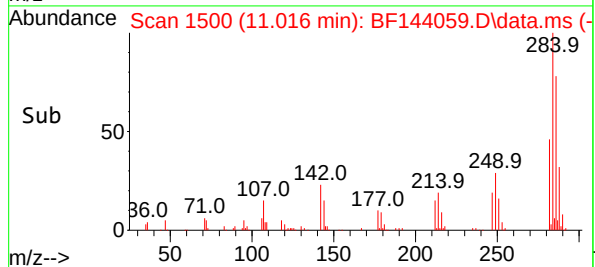
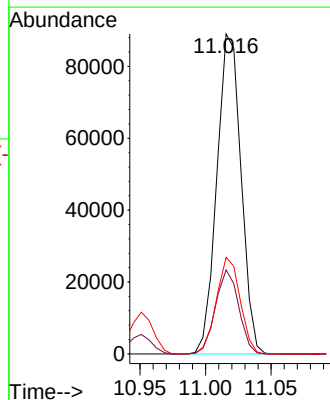
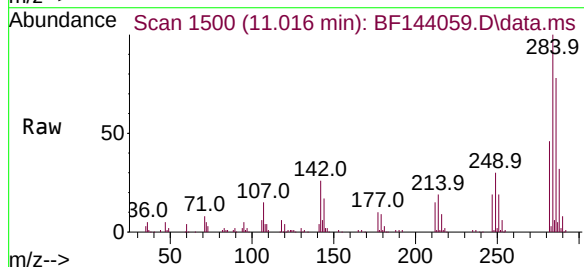
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

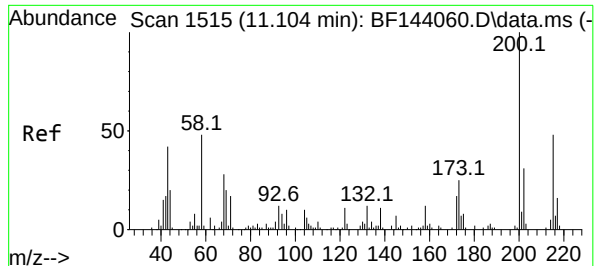
Tgt Ion:248 Resp: 91405
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 66.6 50.5 75.7



#68
Hexachlorobenzene
Concen: 20.141 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:284 Resp: 114304
Ion Ratio Lower Upper
284 100
142 26.3 20.0 30.0
249 30.2 22.2 33.2





#69

Atrazine

Concen: 20.818 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

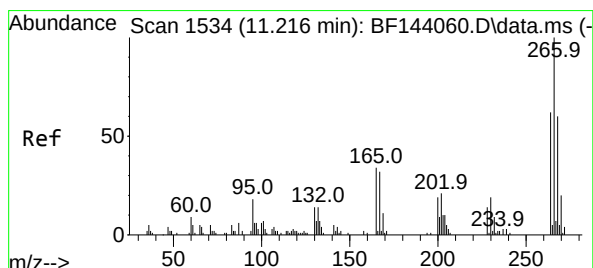
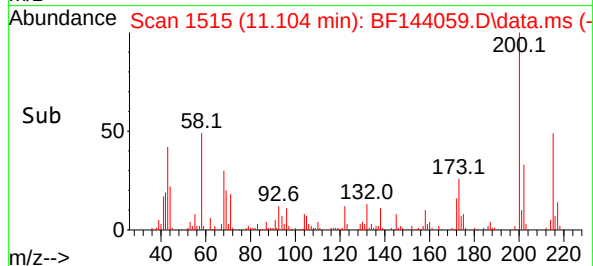
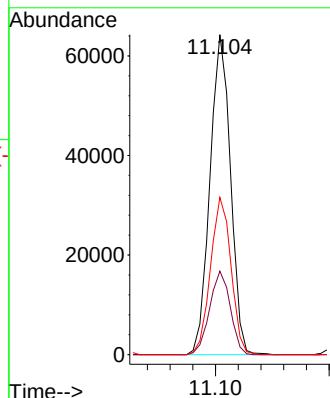
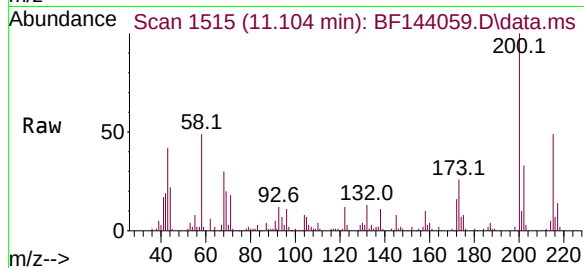
Tgt Ion:200 Resp: 80666

Ion Ratio Lower Upper

200 100

173 26.1 4.9 44.9

215 49.1 28.2 68.2



#70

Pentachlorophenol

Concen: 20.449 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

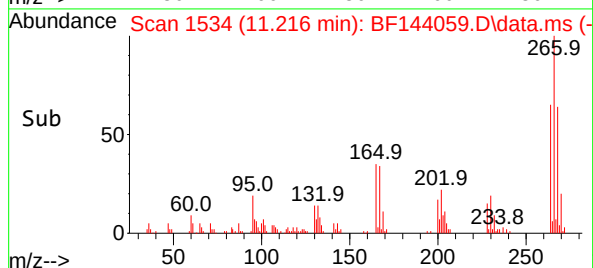
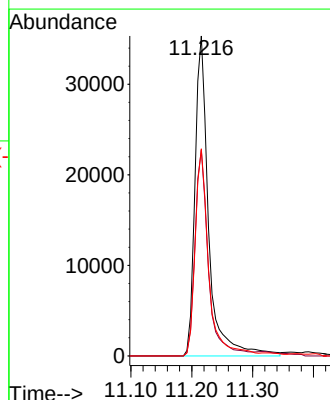
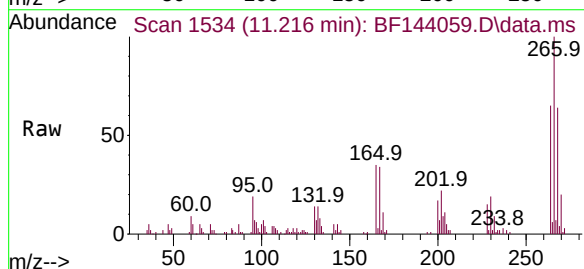
Tgt Ion:266 Resp: 55240

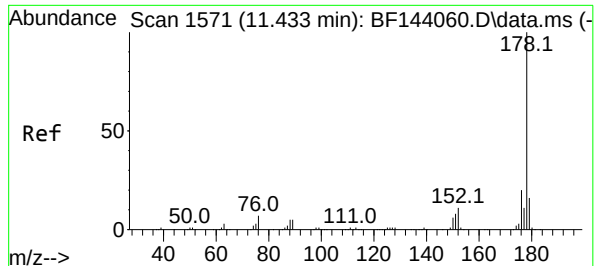
Ion Ratio Lower Upper

266 100

268 64.3 48.2 72.4

264 64.7 49.4 74.0

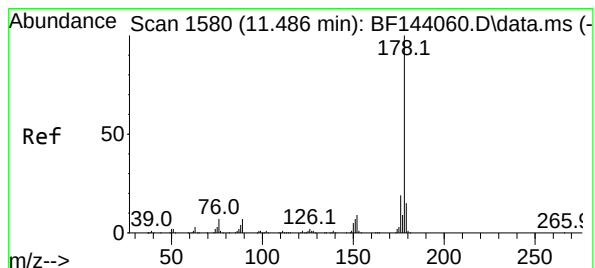
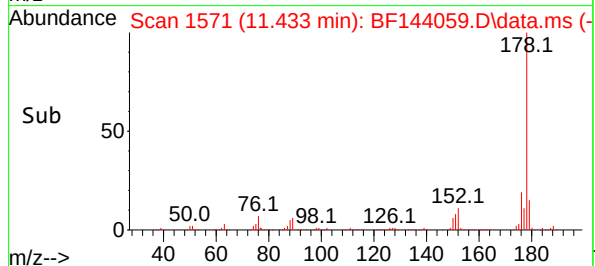
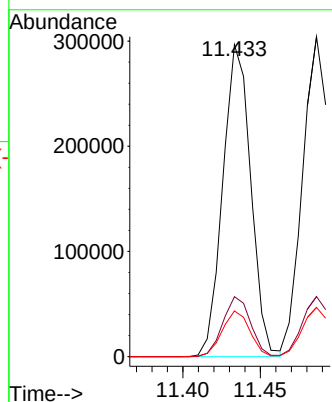
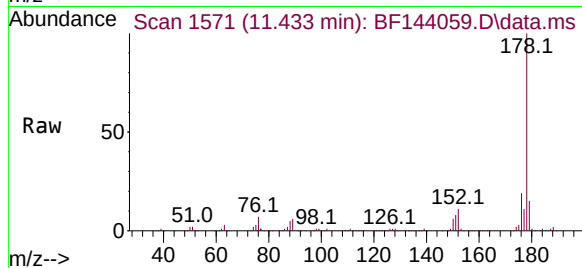




#71
Phenanthrene
Concen: 20.315 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

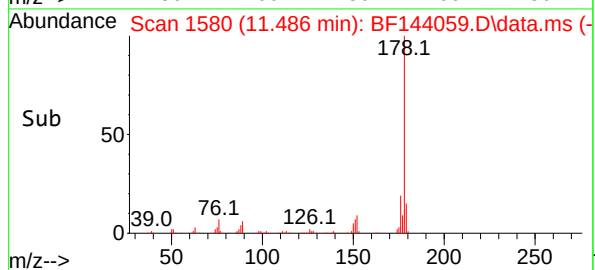
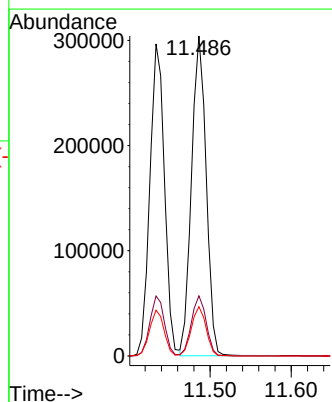
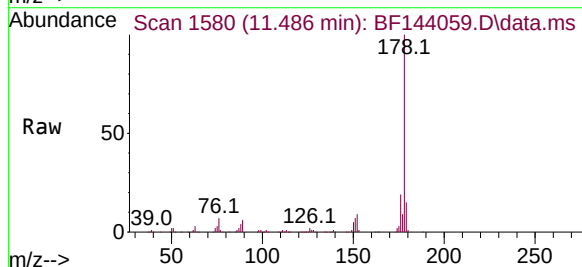
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

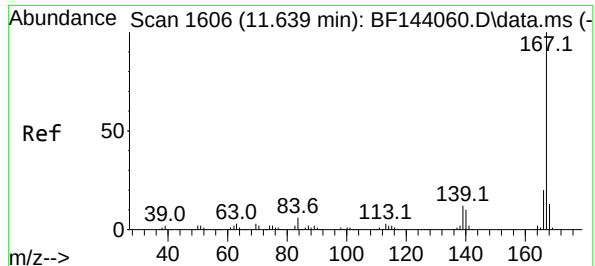
Tgt Ion:178 Resp: 372967
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 14.6 12.6 18.8



#72
Anthracene
Concen: 20.060 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

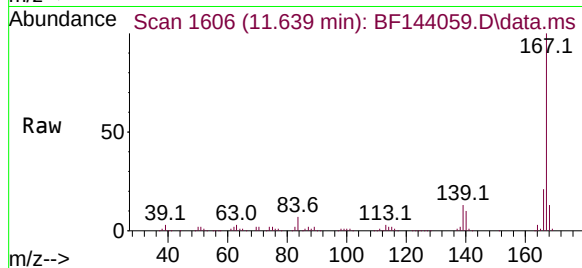
Tgt Ion:178 Resp: 380455
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 11.8 17.6



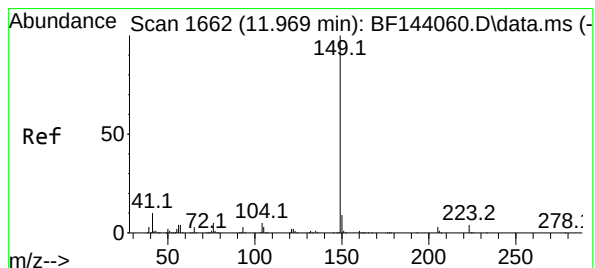
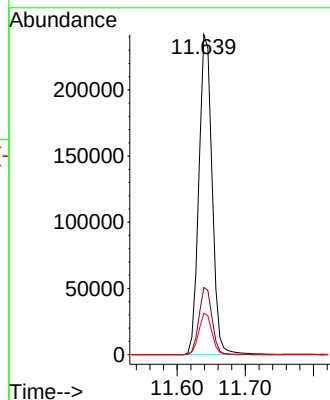
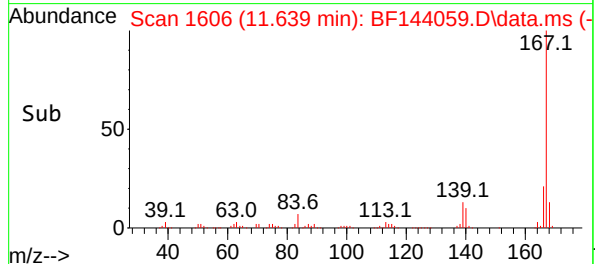


#73
Carbazole
Concen: 20.225 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

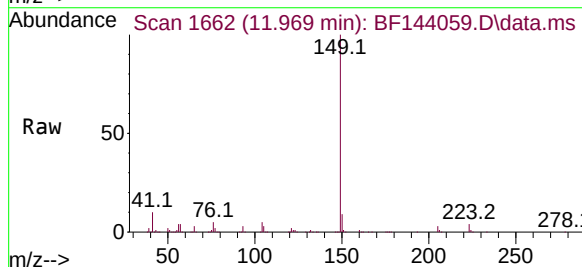
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



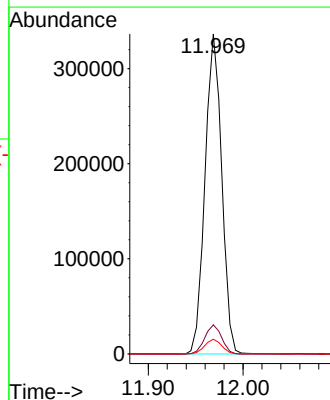
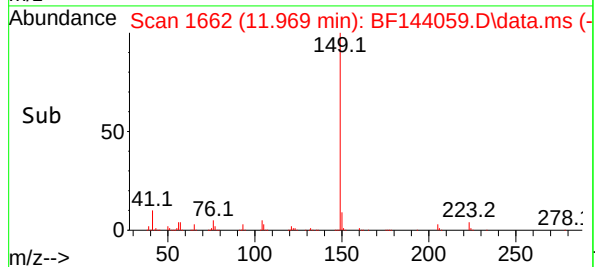
Tgt Ion:167 Resp: 326491
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.9 9.8 14.6

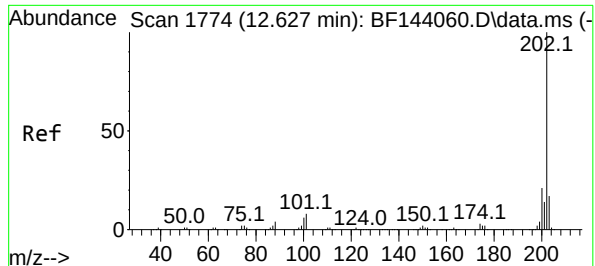


#74
Di-n-butylphthalate
Concen: 20.841 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36



Tgt Ion:149 Resp: 412471
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.6 5.4

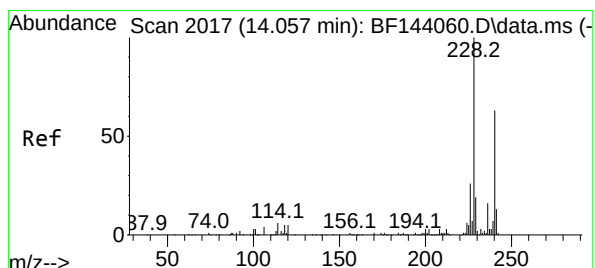
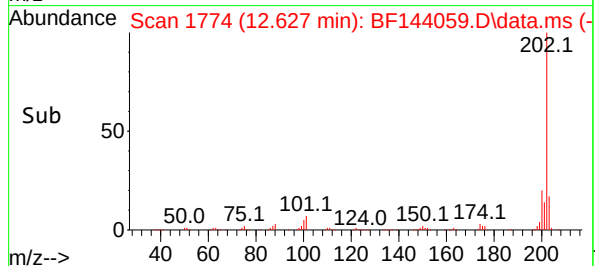
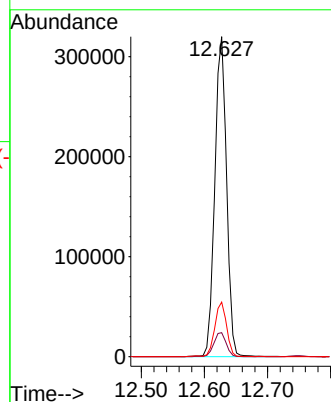
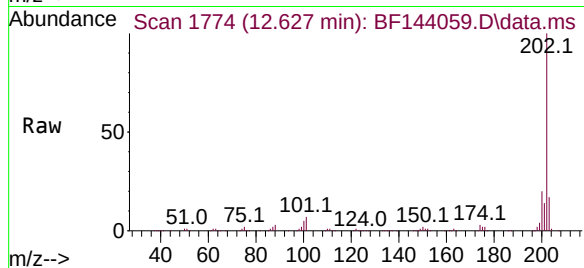




#75
Fluoranthene
Concen: 20.430 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

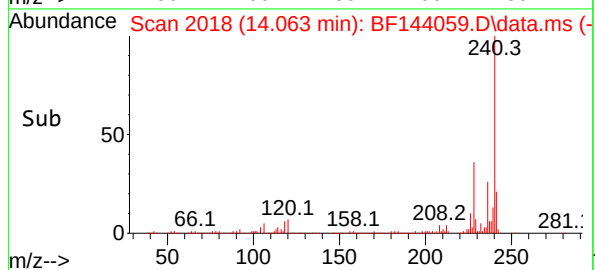
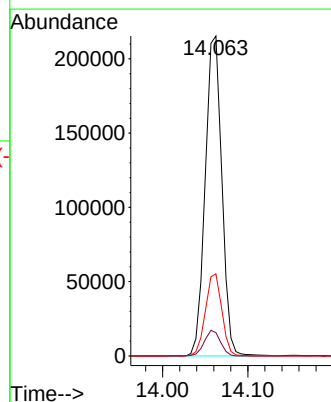
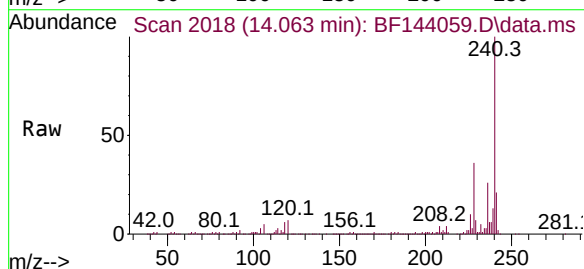
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

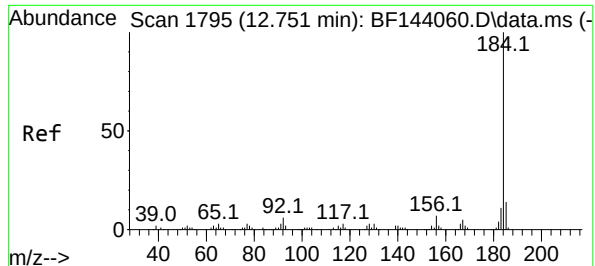
Tgt Ion:202 Resp: 414382
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:240 Resp: 292368
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.6 20.1 30.1





#77

Benzidine

Concen: 19.736 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

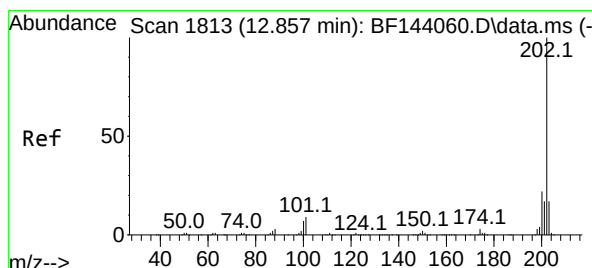
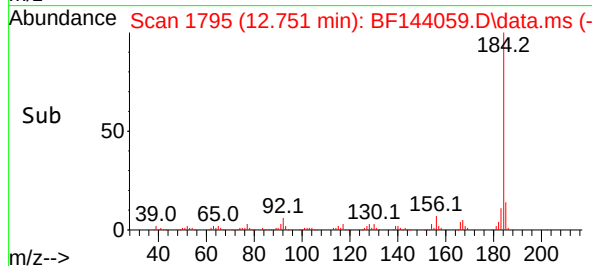
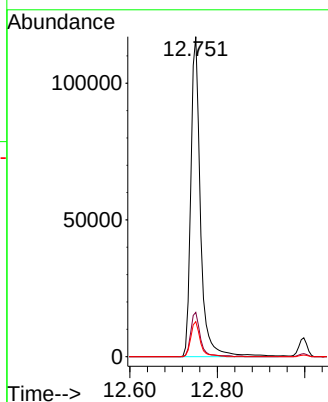
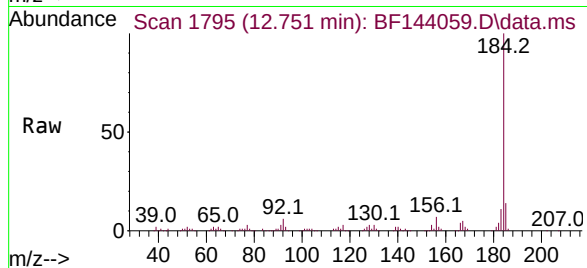
Tgt Ion:184 Resp: 179581

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 10.9 8.5 12.7



#78

Pyrene

Concen: 19.831 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

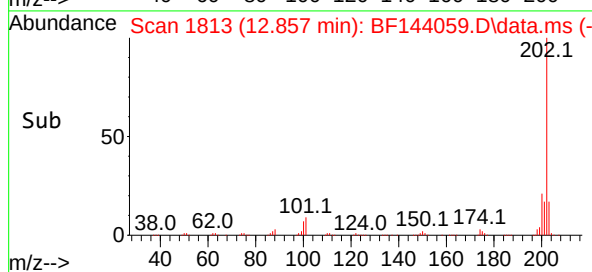
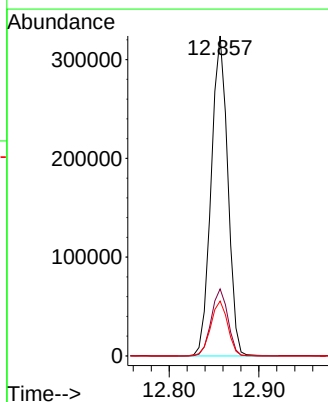
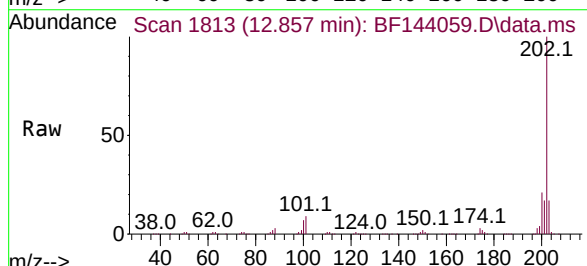
Tgt Ion:202 Resp: 416839

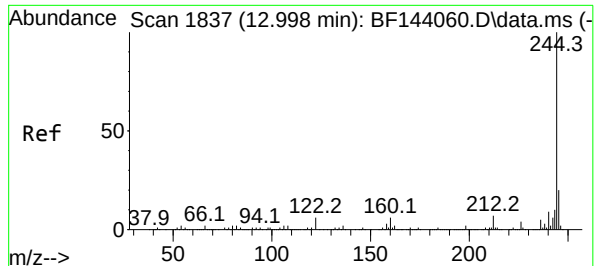
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 39.189 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

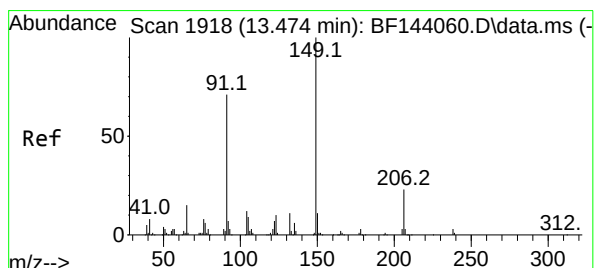
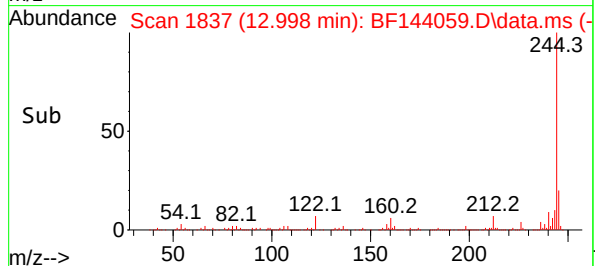
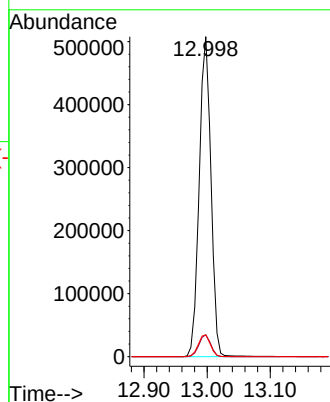
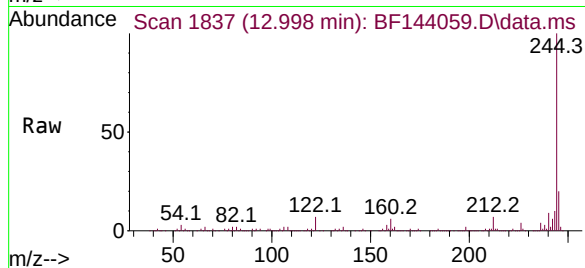
Tgt Ion:244 Resp: 655393

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.8 4.9 7.3



#80

Butylbenzylphthalate

Concen: 20.827 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

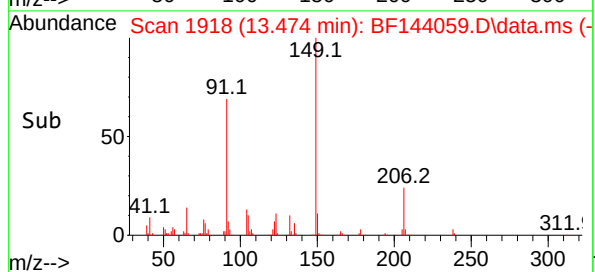
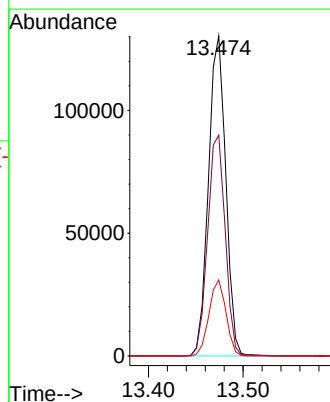
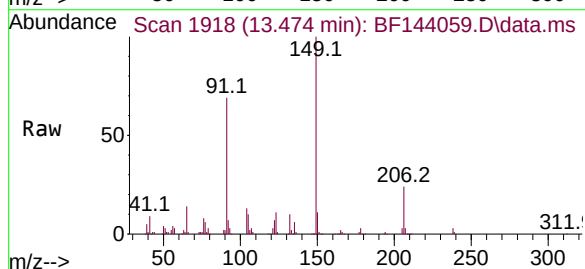
Tgt Ion:149 Resp: 165613

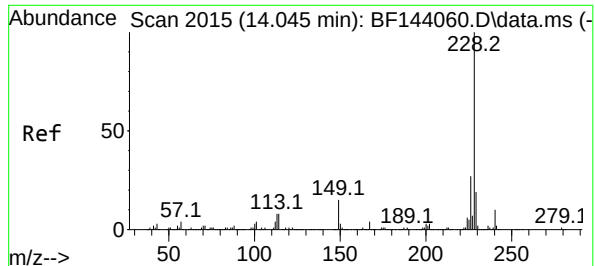
Ion Ratio Lower Upper

149 100

91 69.0 56.6 84.8

206 23.7 18.3 27.5





#81

Benzo(a)anthracene

Concen: 20.114 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

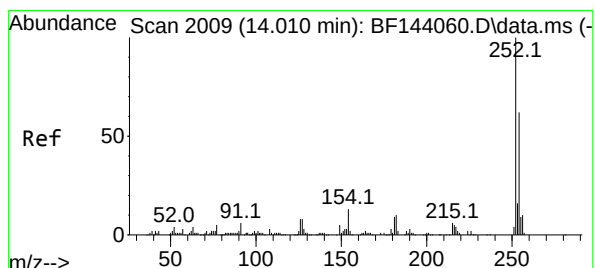
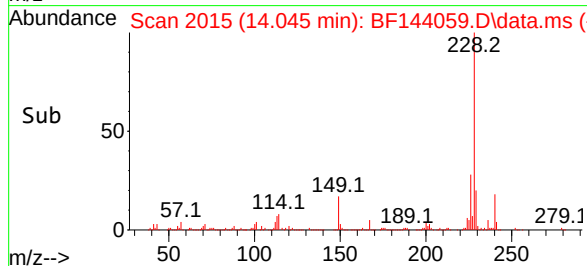
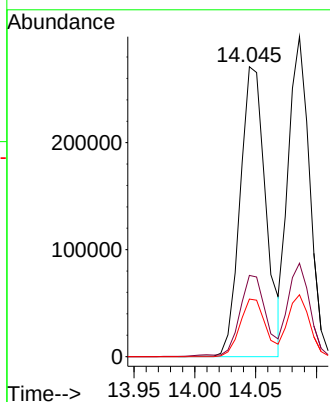
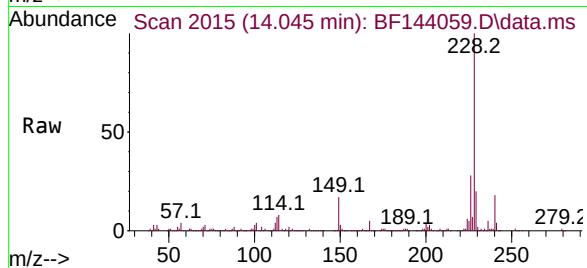
Tgt Ion:228 Resp: 397414

Ion Ratio Lower Upper

228 100

226 28.0 21.4 32.2

229 19.9 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 20.599 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

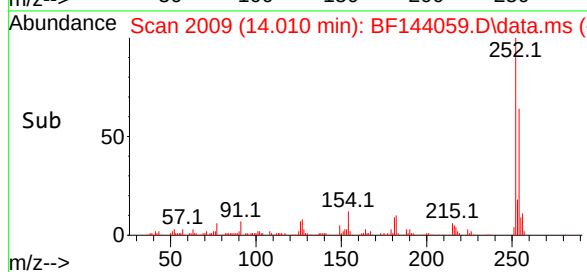
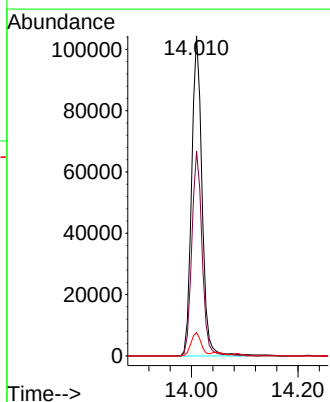
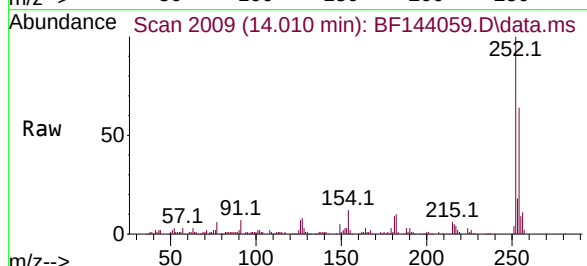
Tgt Ion:252 Resp: 141681

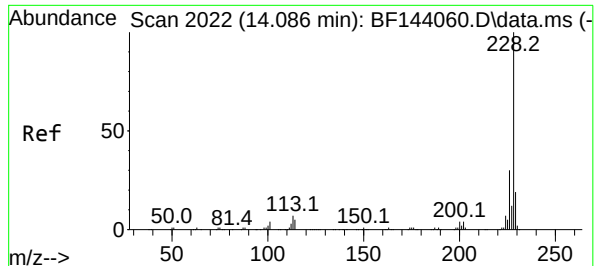
Ion Ratio Lower Upper

252 100

254 64.0 49.9 74.9

126 7.3 6.5 9.7





#83

Chrysene

Concen: 19.753 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

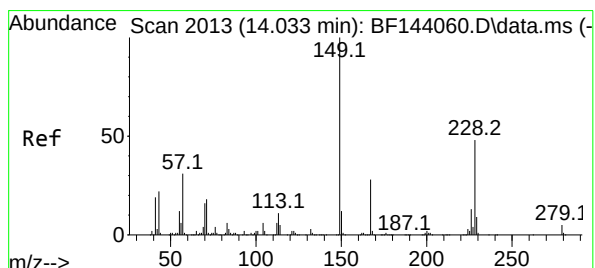
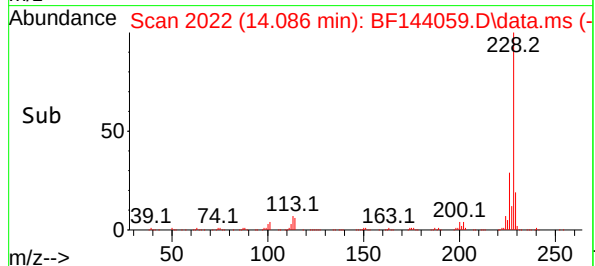
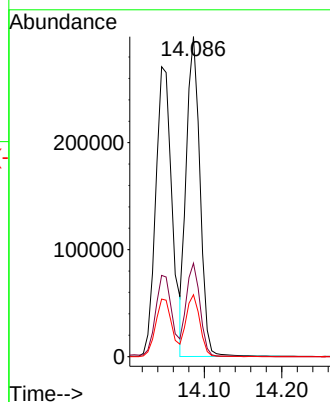
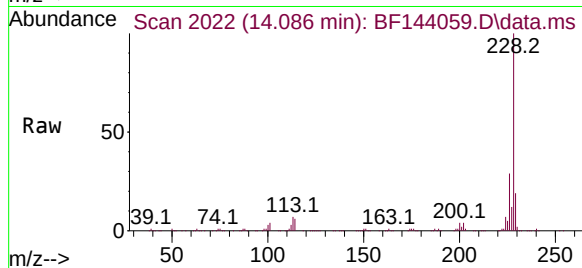
Tgt Ion:228 Resp: 366241

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.491 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

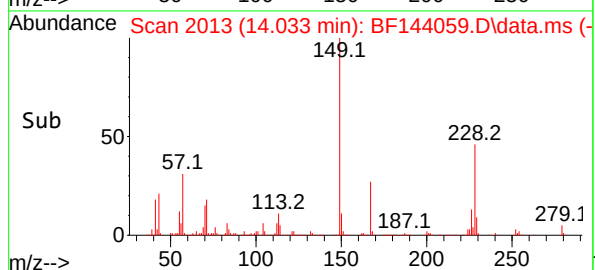
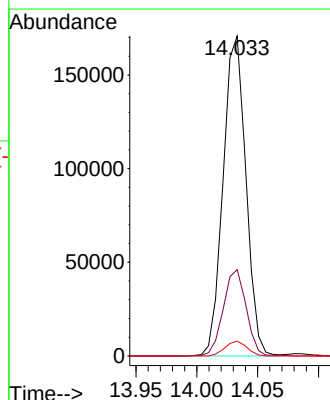
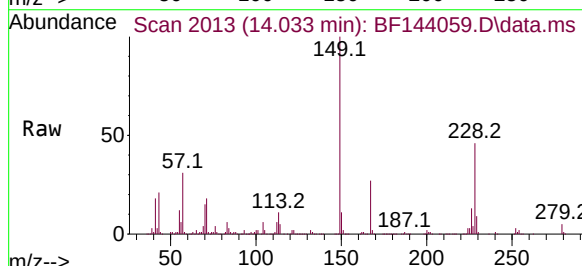
Tgt Ion:149 Resp: 222446

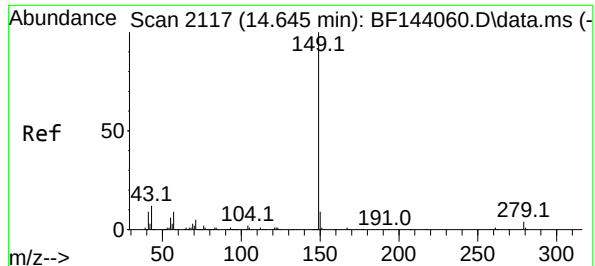
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.6 3.6 5.4

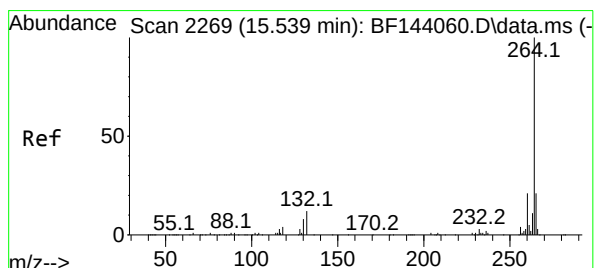
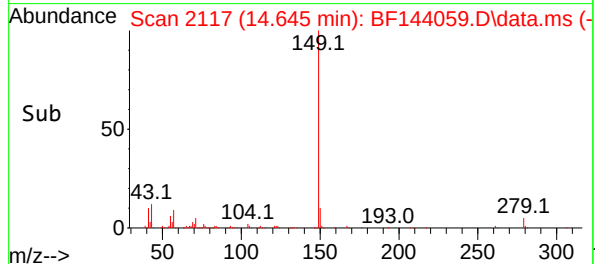
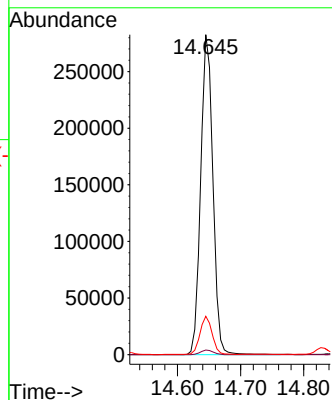
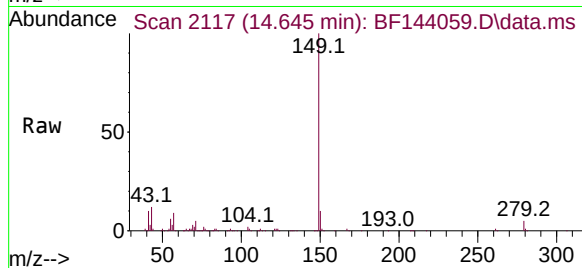




#85
Di-n-octyl phthalate
Concen: 20.284 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

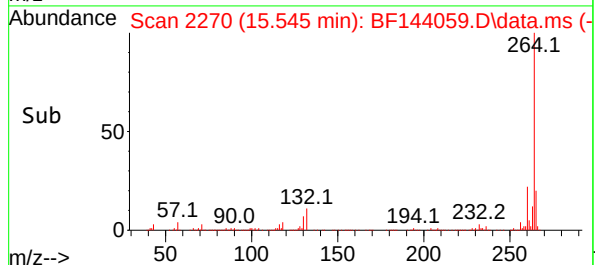
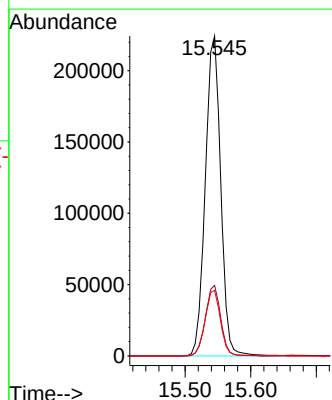
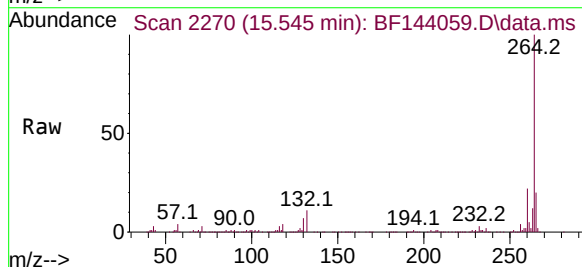
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

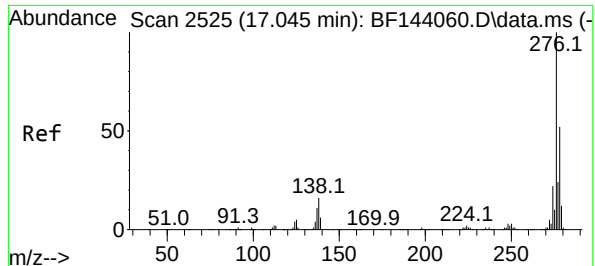
Tgt Ion:149 Resp: 378673
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:264 Resp: 364339
Ion Ratio Lower Upper
264 100
260 22.0 17.0 25.4
265 20.4 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.307 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

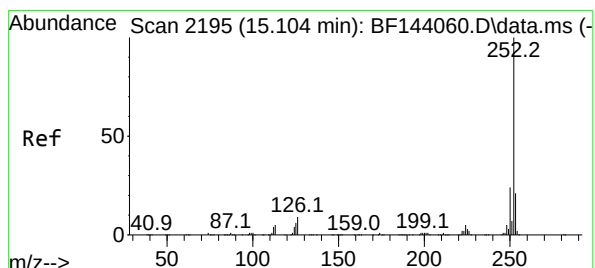
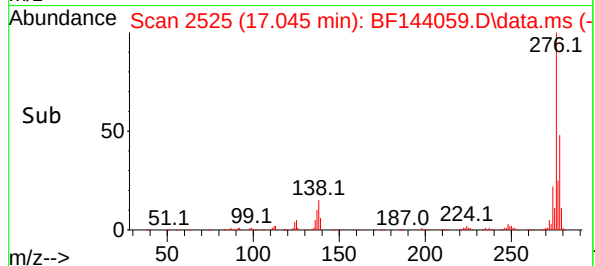
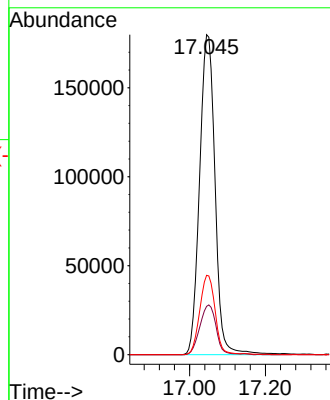
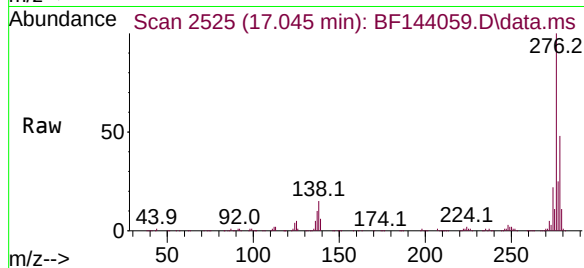
Tgt Ion:276 Resp: 507947

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.5 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 20.396 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

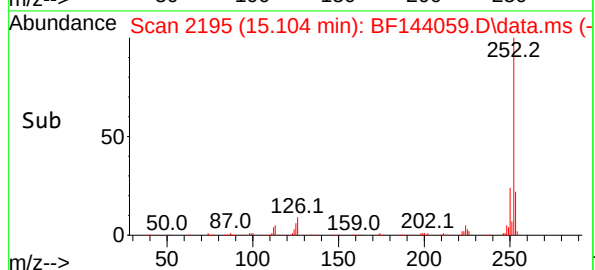
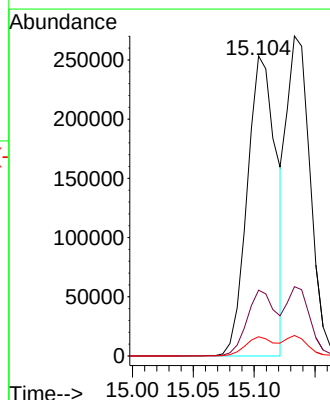
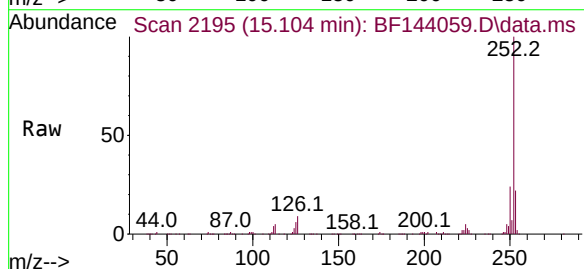
Tgt Ion:252 Resp: 420103

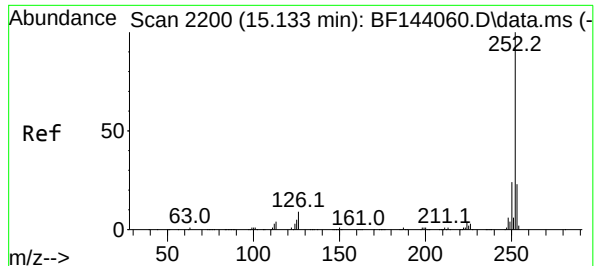
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.4 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 19.372 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

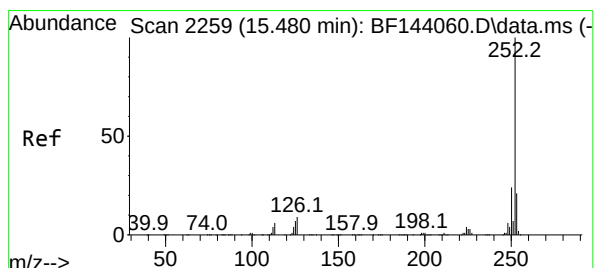
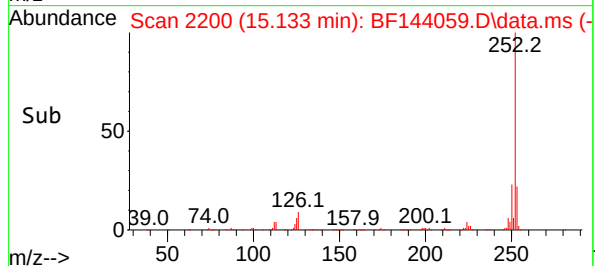
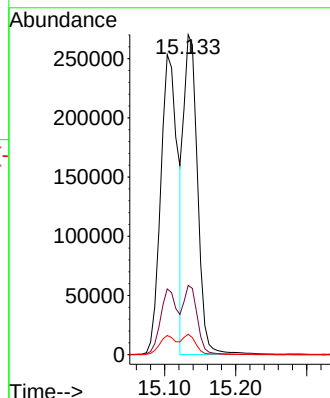
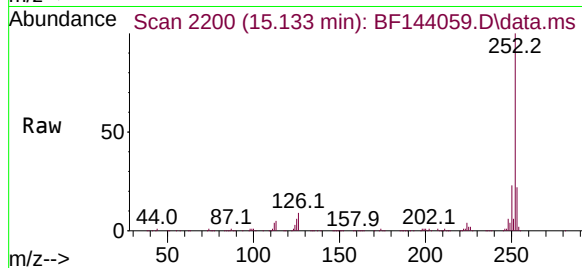
Tgt Ion:252 Resp: 368139

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 20.423 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

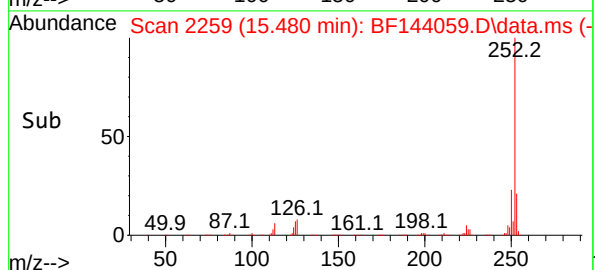
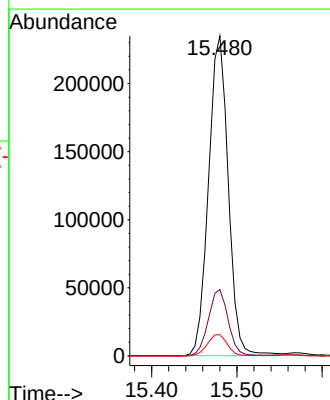
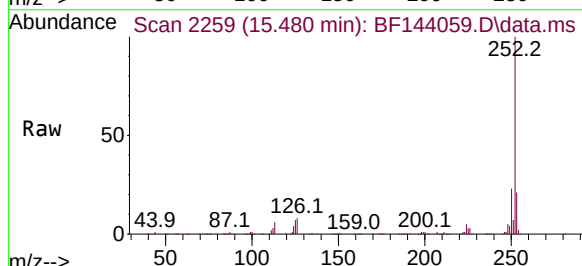
Tgt Ion:252 Resp: 377387

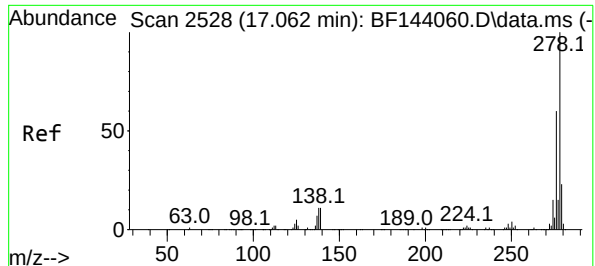
Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 6.6 5.4 8.2

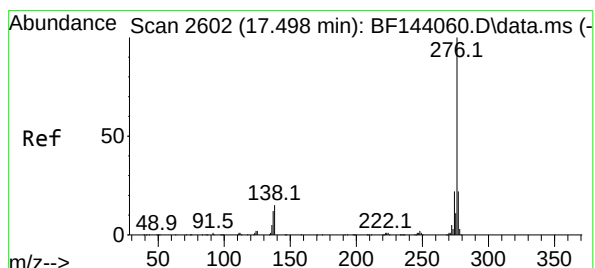
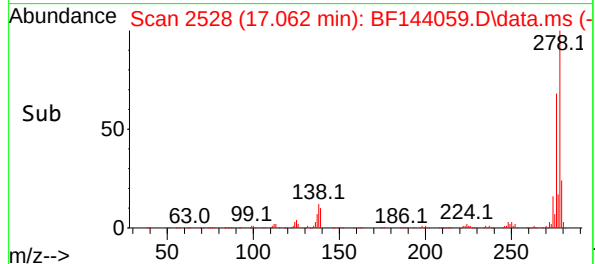
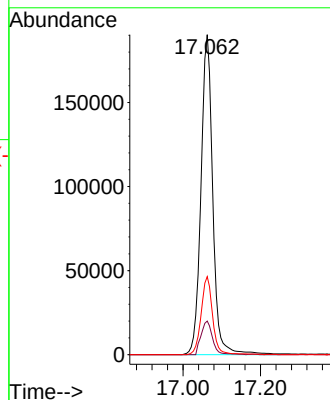
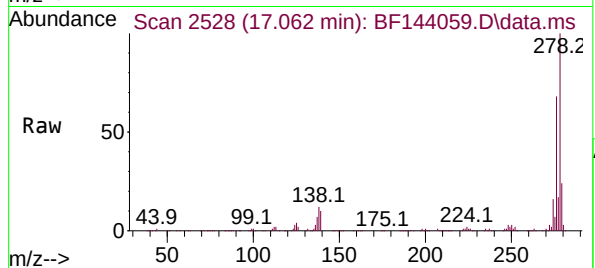




#91
Dibenzo(a,h)anthracene
Concen: 20.364 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

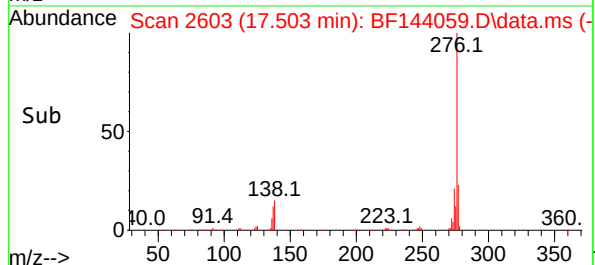
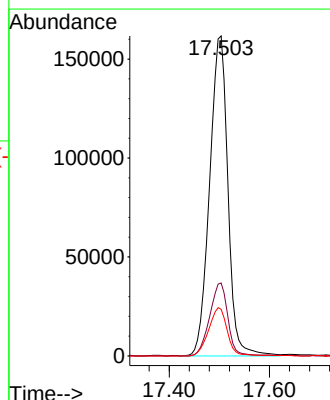
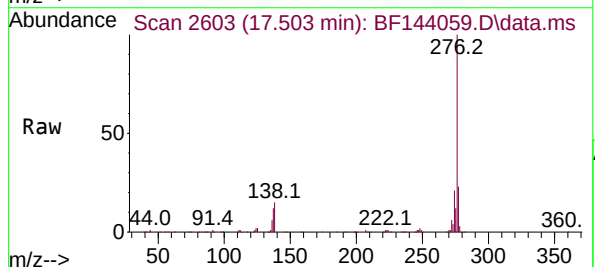
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 403214
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 24.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 20.563 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:276 Resp: 409358
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 14.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144060.D
 Acq On : 24 Oct 2025 13:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 24 17:03:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49457	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	178191	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	91554	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	159613	20.000	ng	0.00
76) Chrysene-d12	14.057	240	123616	20.000	ng	0.00
86) Perylene-d12	15.539	264	152855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	257786	82.465	ng	0.00
7) Phenol-d6	6.504	99	278572	80.690	ng	0.00
23) Nitrobenzene-d5	7.439	82	262114	80.590	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95908	82.238	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	531491	81.692	ng	0.00
79) Terphenyl-d14	12.998	244	599175	84.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	54397	40.269	ng	100
3) Pyridine	3.398	79	151037	41.765	ng	100
4) n-Nitrosodimethylamine	3.346	42	90217	40.599	ng	100
6) Aniline	6.539	93	199395	40.371	ng	100
8) 2-Chlorophenol	6.663	128	123726	40.190	ng	100
9) Benzaldehyde	6.434	77	103170	38.490	ng	100
10) Phenol	6.522	94	171675	40.307	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	123456	40.113	ng	100
12) 1,3-Dichlorobenzene	6.822	146	154816	40.768	ng	100
13) 1,4-Dichlorobenzene	6.898	146	153441	41.000	ng	100
14) 1,2-Dichlorobenzene	7.051	146	146404	40.430	ng	100
15) Benzyl Alcohol	7.016	79	113241	40.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	235025	40.632	ng	100
17) 2-Methylphenol	7.128	107	92050	38.877	ng	100
18) Hexachloroethane	7.392	117	53836	40.236	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	86672	38.823	ng	100
20) 3+4-Methylphenols	7.281	107	115474	41.255	ng	100
22) Acetophenone	7.286	105	155572	40.399	ng	100
24) Nitrobenzene	7.463	77	139675	40.596	ng	100
25) Isophorone	7.698	82	229089	40.288	ng	100
26) 2-Nitrophenol	7.775	139	68074	41.591	ng	100
27) 2,4-Dimethylphenol	7.810	122	102275	42.049	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	144080	40.631	ng	100
29) 2,4-Dichlorophenol	8.016	162	115057	40.677	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	119224	40.971	ng	100
31) Naphthalene	8.186	128	344062	40.910	ng	100
32) Benzoic acid	7.916	122	51883	33.628	ng	100
33) 4-Chloroaniline	8.233	127	119889	40.949	ng	100
34) Hexachlorobutadiene	8.298	225	96082	40.380	ng	100
35) Caprolactam	8.592	113	30206	42.585	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	100429	40.234	ng	100
37) 2-Methylnaphthalene	8.875	142	229345	41.362	ng	100
38) 1-Methylnaphthalene	8.975	142	210460	40.062	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	129417	41.130	ng	100
41) Hexachlorocyclopentadiene	9.028	237	39857	41.012	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	86607	42.346	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144060.D
 Acq On : 24 Oct 2025 13:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

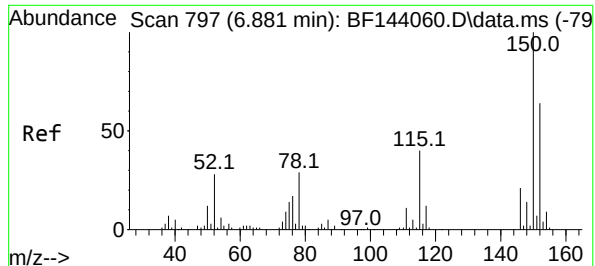
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	85520	39.842	ng	100
46) 1,1'-Biphenyl	9.339	154	269550	41.129	ng	100
47) 2-Chloronaphthalene	9.363	162	223762	40.753	ng	100
48) 2-Nitroaniline	9.457	65	69638	42.711	ng	100
49) Acenaphthylene	9.780	152	311770	42.112	ng	100
50) Dimethylphthalate	9.633	163	250045	41.666	ng	100
51) 2,6-Dinitrotoluene	9.698	165	50463	42.535	ng	100
52) Acenaphthene	9.951	154	203905	41.240	ng	100
53) 3-Nitroaniline	9.869	138	58978	44.713	ng	100
54) 2,4-Dinitrophenol	9.980	184	22640	35.283	ng	100
55) Dibenzofuran	10.122	168	285490	41.592	ng	100
56) 4-Nitrophenol	10.027	139	34191	38.279	ng	100
57) 2,4-Dinitrotoluene	10.104	165	70572	44.075	ng	100
58) Fluorene	10.469	166	217594	41.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	65926	43.585	ng	100
60) Diethylphthalate	10.339	149	236119	41.838	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	123596	42.022	ng	100
62) 4-Nitroaniline	10.480	138	54231	43.392	ng	100
63) Azobenzene	10.622	77	226383	42.381	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	39142	38.223	ng	100
66) n-Nitrosodiphenylamine	10.574	169	205138	40.226	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	83105	41.585	ng	100
68) Hexachlorobenzene	11.016	284	102619	41.869	ng	100
69) Atrazine	11.104	200	66524	39.753	ng	100
70) Pentachlorophenol	11.216	266	47778	40.953	ng	100
71) Phenanthrene	11.433	178	324774	40.961	ng	100
72) Anthracene	11.486	178	336252	41.053	ng	100
73) Carbazole	11.639	167	289029	41.458	ng	100
74) Di-n-butylphthalate	11.969	149	357025	41.770	ng	100
75) Fluoranthene	12.627	202	358431	40.917	ng	100
77) Benzidine	12.751	184	164527	42.766	ng	100
78) Pyrene	12.857	202	375923	42.300	ng	100
80) Butylbenzylphthalate	13.474	149	148621	44.204	ng	100
81) Benzo(a)anthracene	14.045	228	374791	44.863	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	126028	43.337	ng	100
83) Chrysene	14.086	228	326041	41.590	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	196471	42.805	ng	100
85) Di-n-octyl phthalate	14.645	149	345760	43.804	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	451467	43.020	ng	100
88) Benzo(b)fluoranthene	15.104	252	386268	44.700	ng	100
89) Benzo(k)fluoranthene	15.133	252	323867	40.621	ng	100
90) Benzo(a)pyrene	15.480	252	332791	42.927	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	356487	42.914	ng	100
92) Benzo(g,h,i)perylene	17.498	276	365458	43.758	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

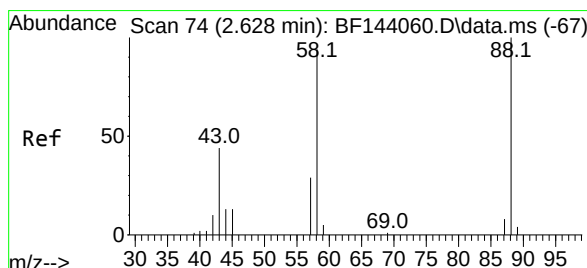
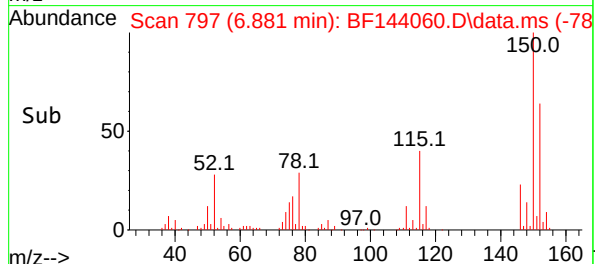
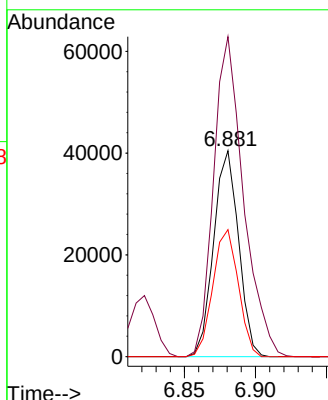
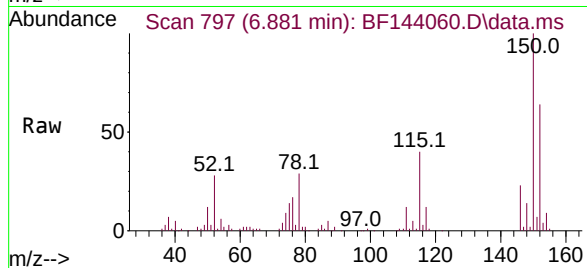
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

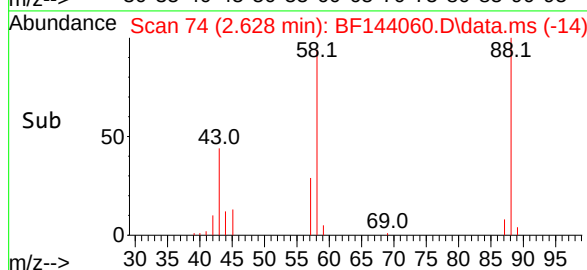
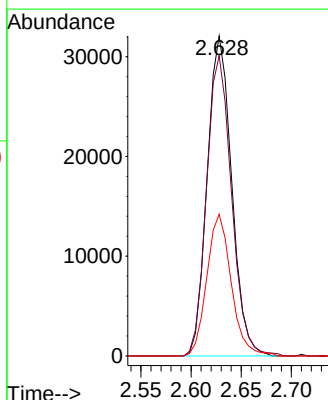
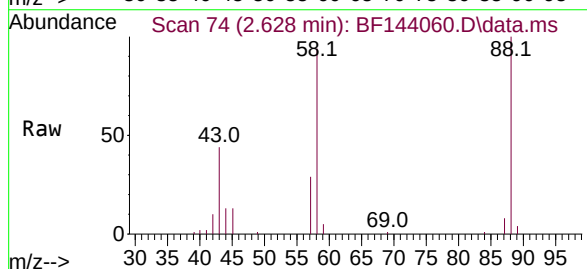
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

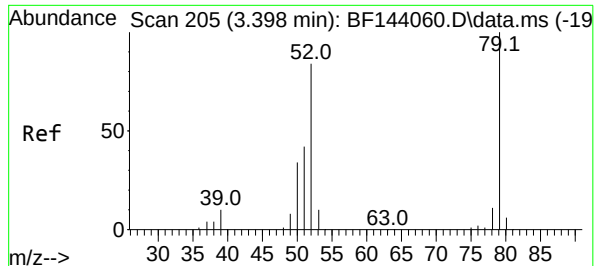
Tgt Ion:152 Resp: 49457
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 61.7 49.4 74.0



#2
1,4-Dioxane
Concen: 40.269 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 88 Resp: 54397
Ion Ratio Lower Upper
88 100
58 95.6 76.5 114.7
43 44.1 35.3 52.9





#3

Pyridine

Concen: 41.765 ng

RT: 3.398 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

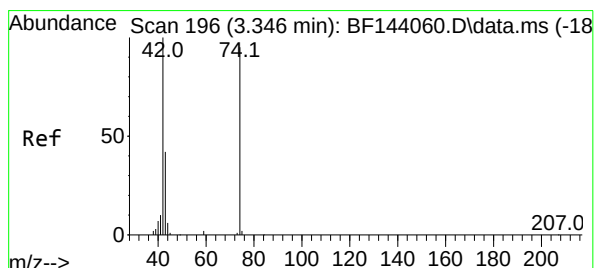
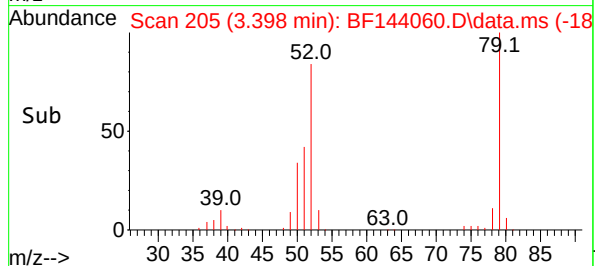
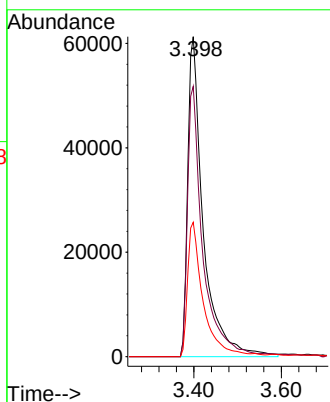
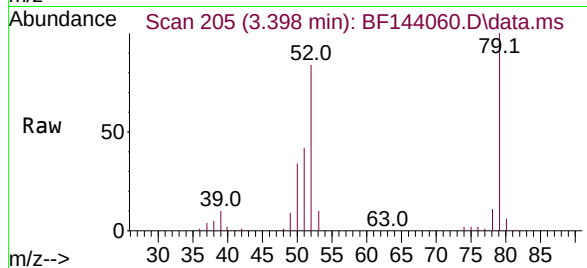
Tgt Ion: 79 Resp: 151037

Ion Ratio Lower Upper

79 100

52 84.4 67.5 101.3

51 42.0 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 40.599 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

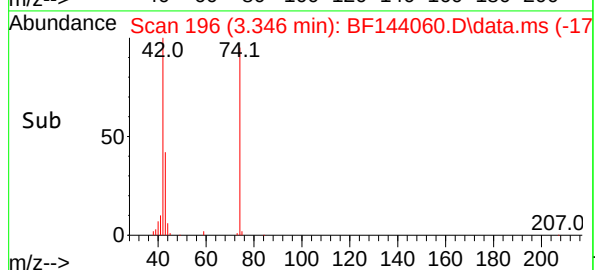
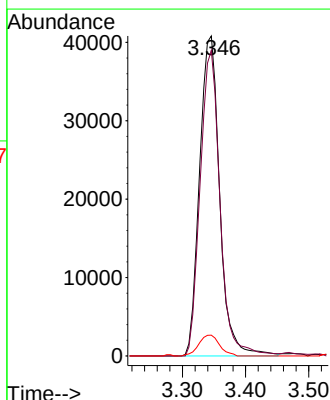
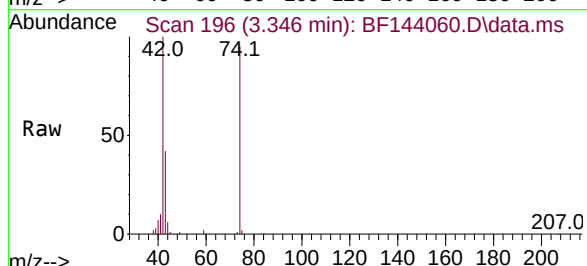
Tgt Ion: 42 Resp: 90217

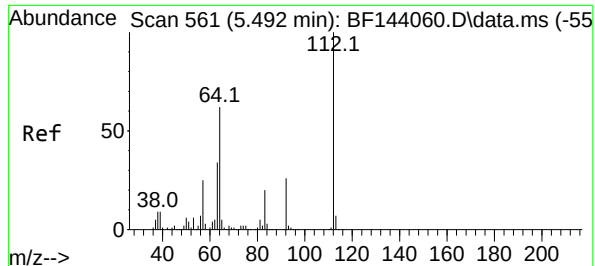
Ion Ratio Lower Upper

42 100

74 95.5 76.4 114.6

44 6.5 5.2 7.8

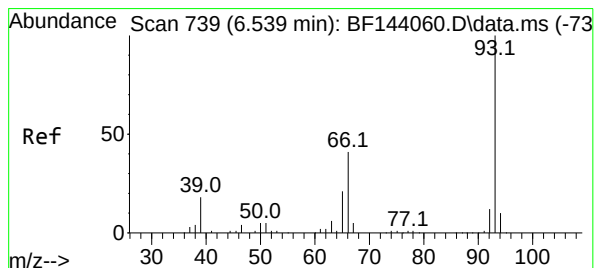
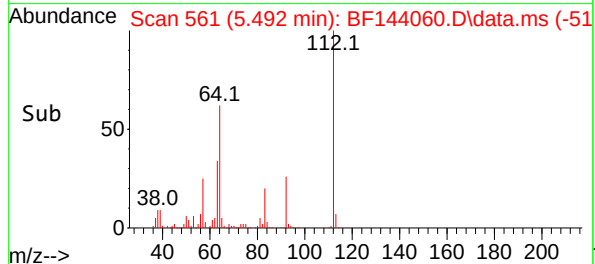
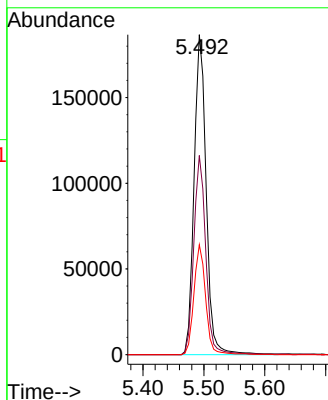
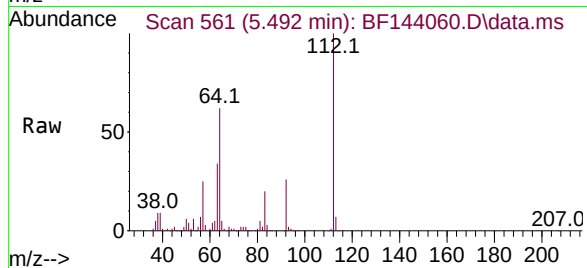




#5
2-Fluorophenol
Concen: 82.465 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

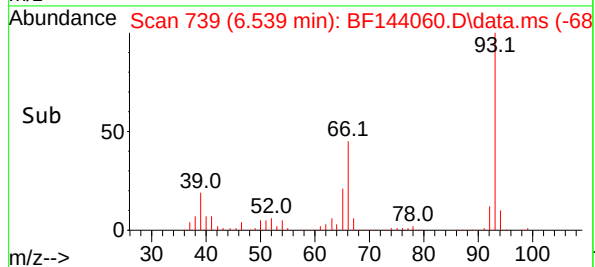
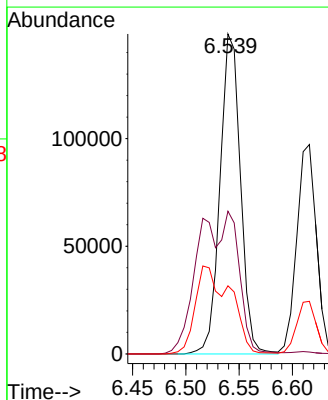
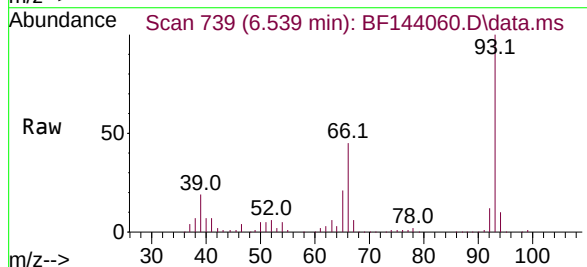
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

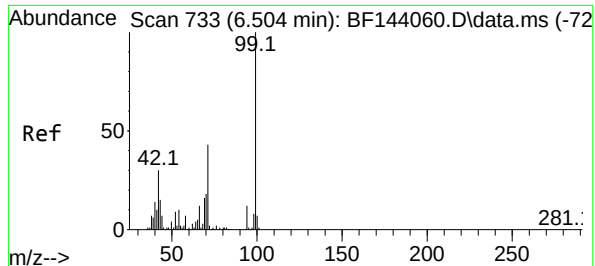
Tgt Ion:112 Resp: 257786
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 40.371 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 93 Resp: 199395
Ion Ratio Lower Upper
93 100
66 44.6 35.7 53.5
65 21.3 17.0 25.6





#7

Phenol-d6

Concen: 80.690 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

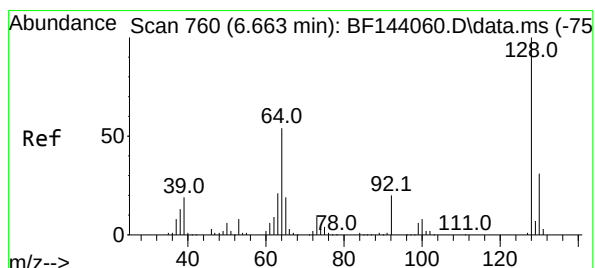
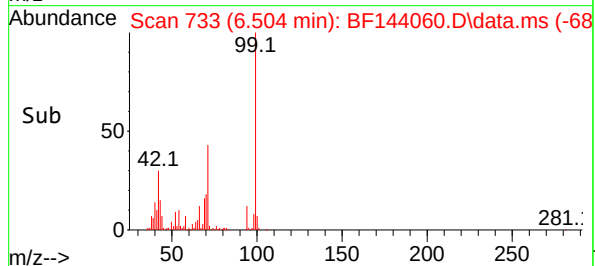
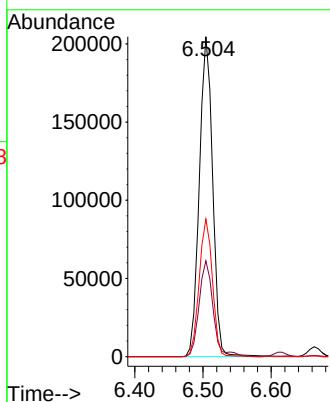
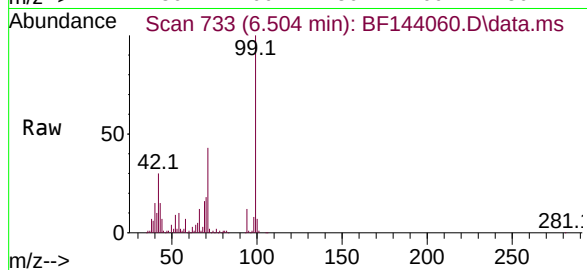
Tgt Ion: 99 Resp: 278572

Ion Ratio Lower Upper

99 100

42 29.9 23.9 35.9

71 43.0 34.4 51.6



#8

2-Chlorophenol

Concen: 40.190 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

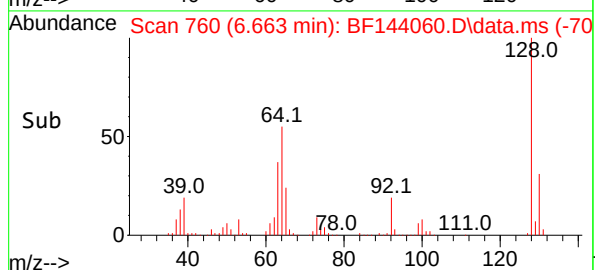
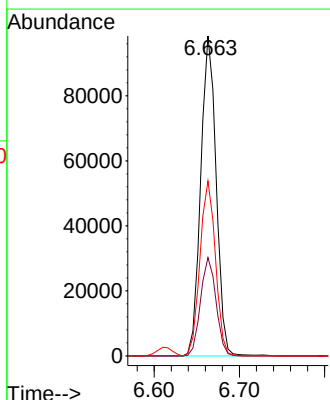
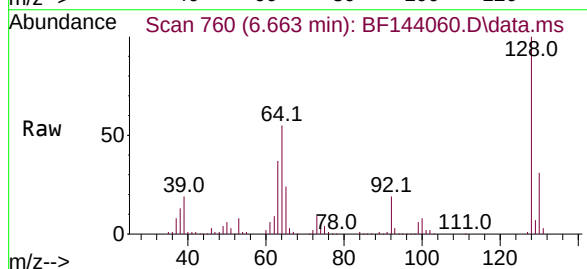
Tgt Ion: 128 Resp: 123726

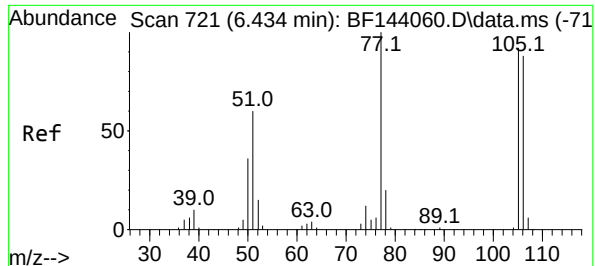
Ion Ratio Lower Upper

128 100

130 30.7 10.7 50.7

64 54.7 34.7 74.7





#9

Benzaldehyde

Concen: 38.490 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

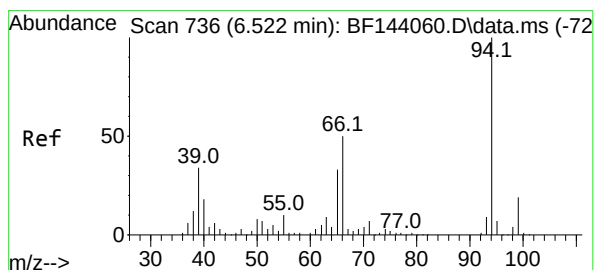
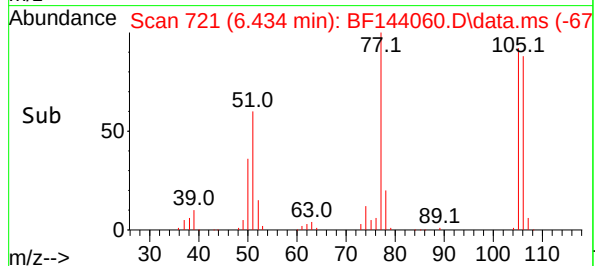
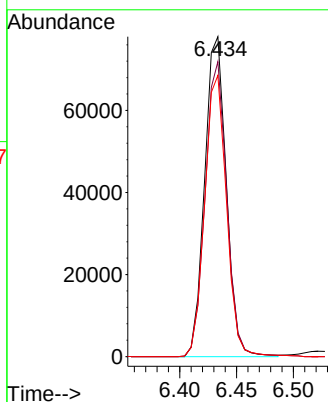
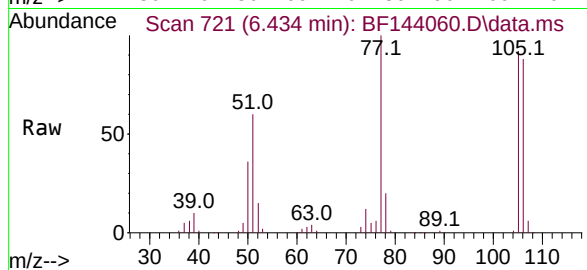
Tgt Ion: 77 Resp: 103170

Ion Ratio Lower Upper

77 100

105 92.2 72.2 112.2

106 87.9 67.9 107.9



#10

Phenol

Concen: 40.307 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

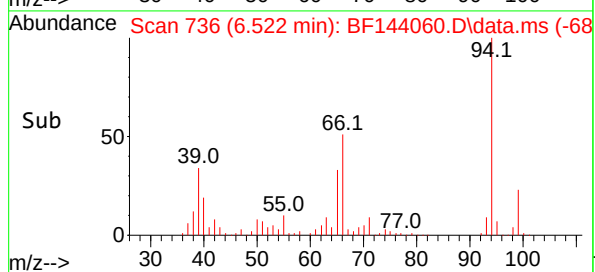
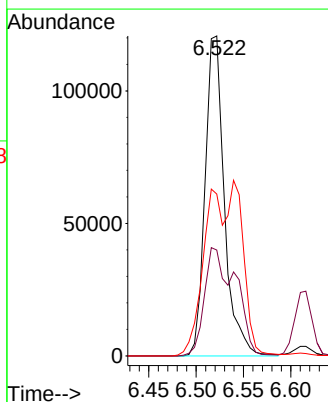
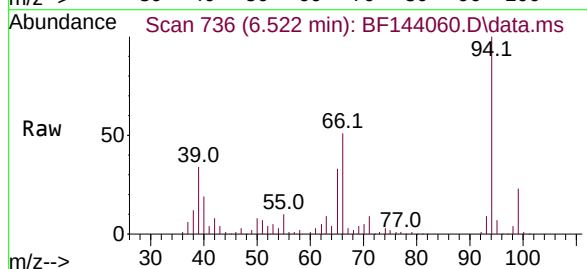
Tgt Ion: 94 Resp: 171675

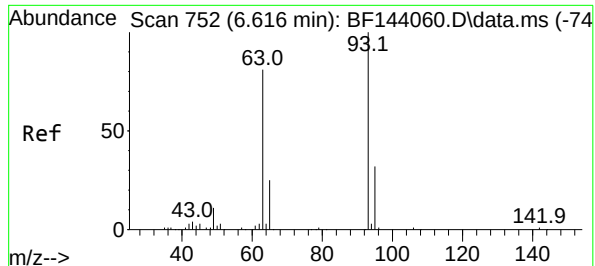
Ion Ratio Lower Upper

94 100

65 33.1 13.1 53.1

66 50.6 30.6 70.6

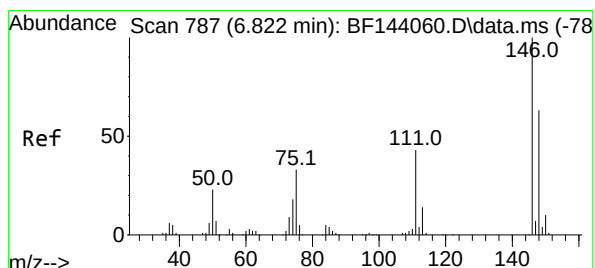
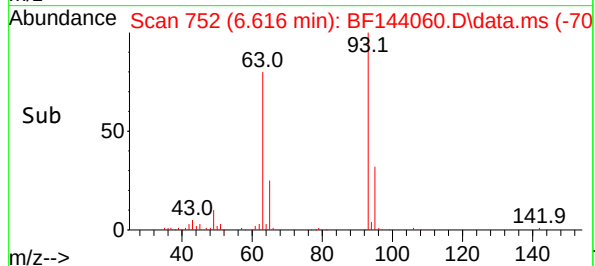
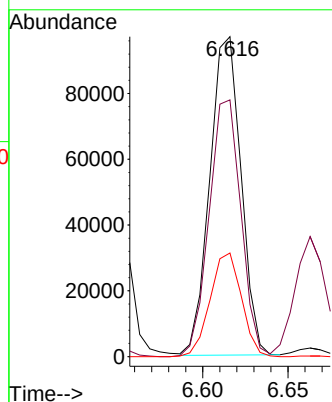
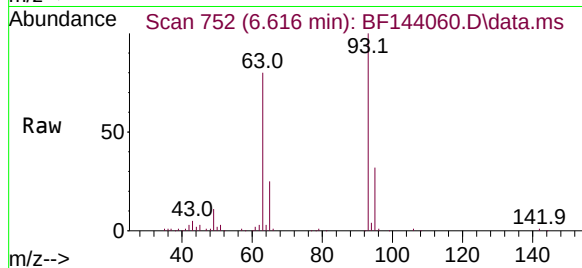




#11
bis(2-Chloroethyl)ether
Concen: 40.113 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

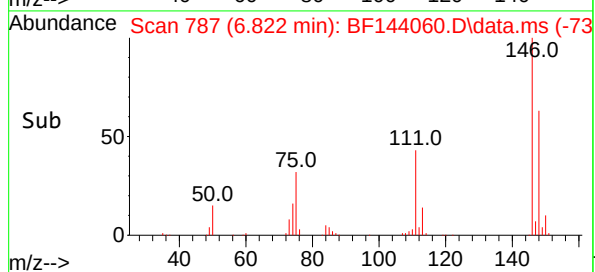
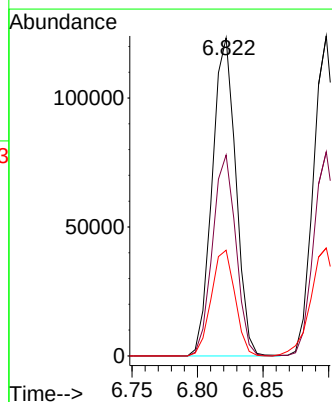
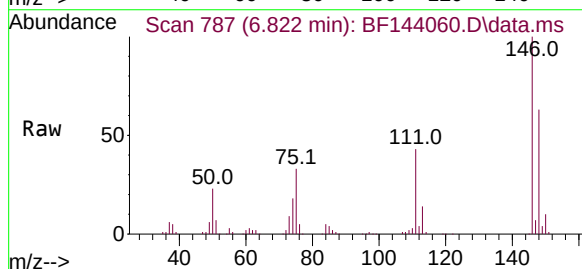
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

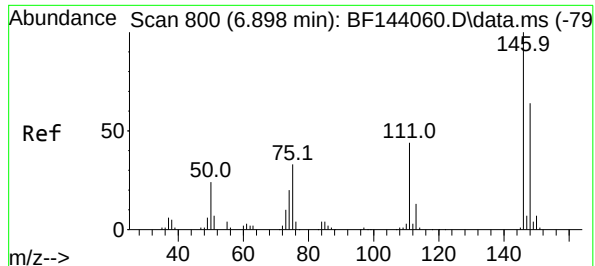
Tgt Ion:	93	Resp:	123456
Ion Ratio	Lower	Upper	
93	100		
63	80.2	60.2	100.2
95	32.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.768 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	146	Resp:	154816
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
75	33.3	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 41.000 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

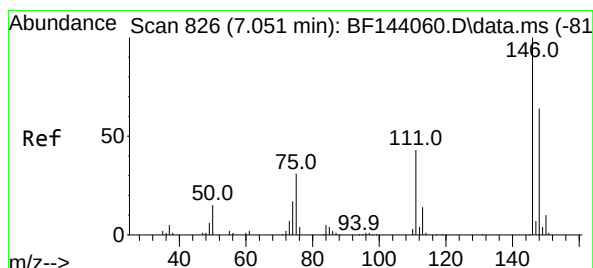
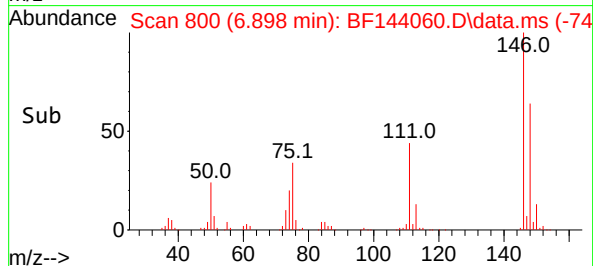
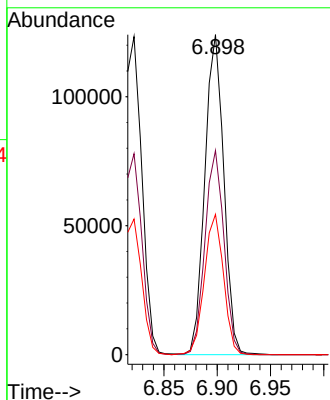
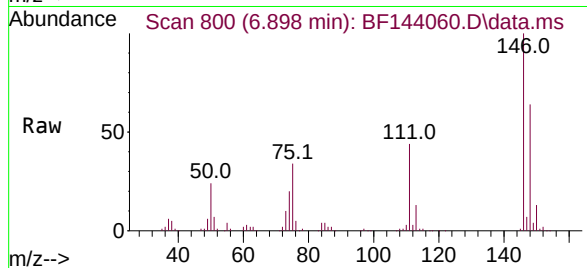
Tgt Ion:146 Resp: 153441

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.8 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.430 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

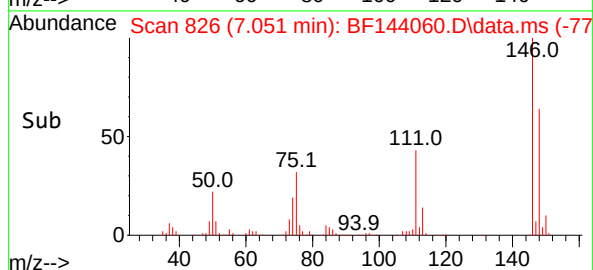
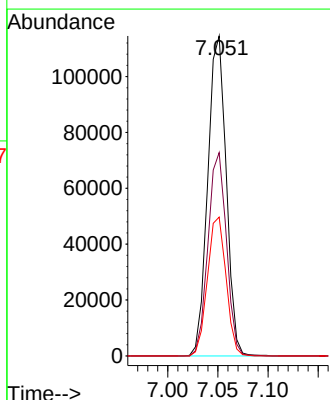
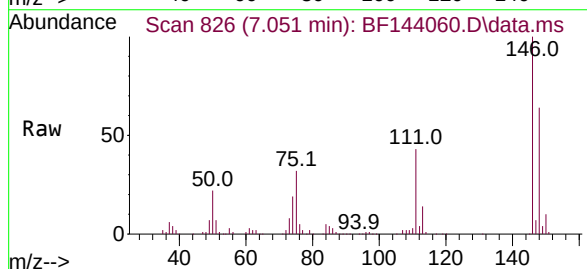
Tgt Ion:146 Resp: 146404

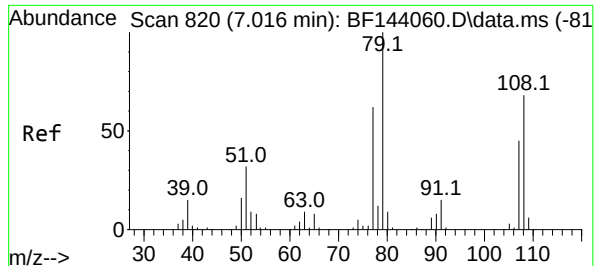
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 43.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 40.340 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

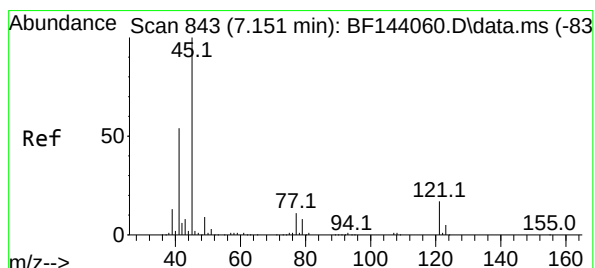
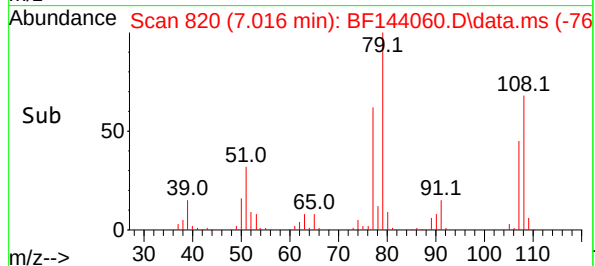
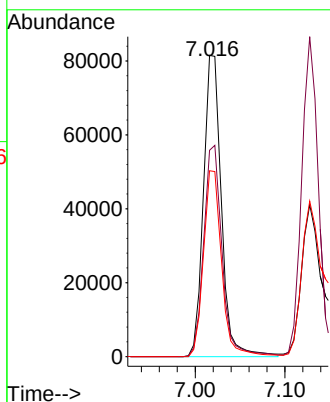
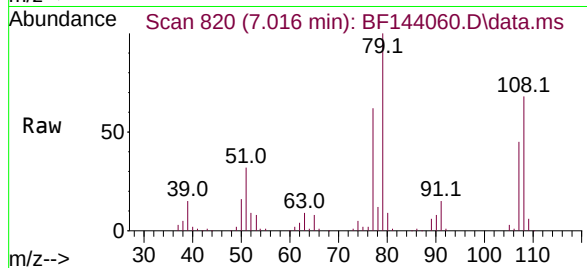
Tgt Ion: 79 Resp: 113241

Ion Ratio Lower Upper

79 100

108 68.5 54.8 82.2

77 61.7 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.632 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

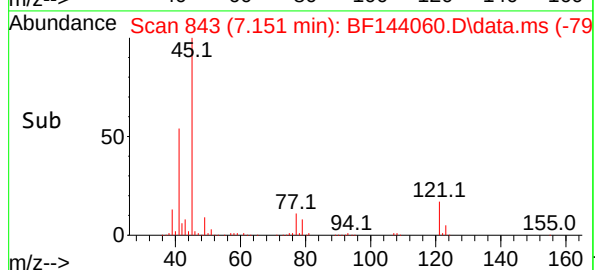
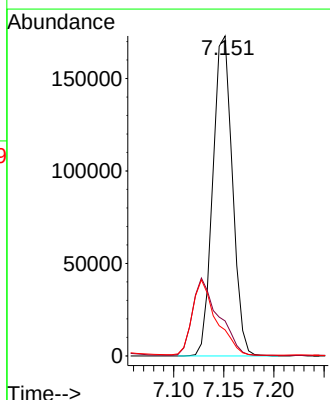
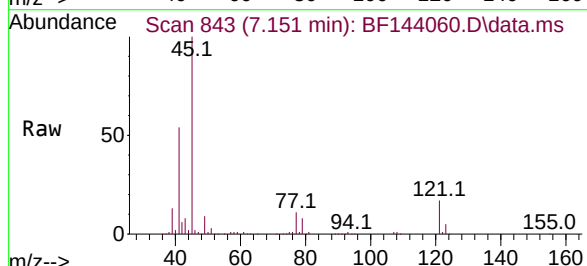
Tgt Ion: 45 Resp: 235025

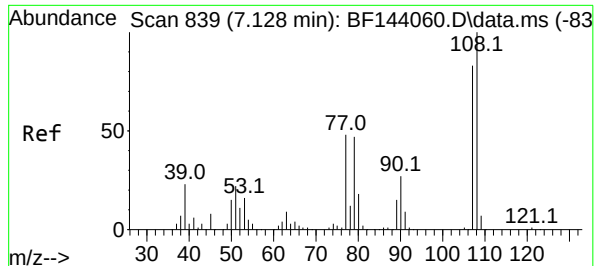
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.9

79 8.2 0.0 28.2





#17

2-Methylphenol

Concen: 38.877 ng

RT: 7.128 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 92050

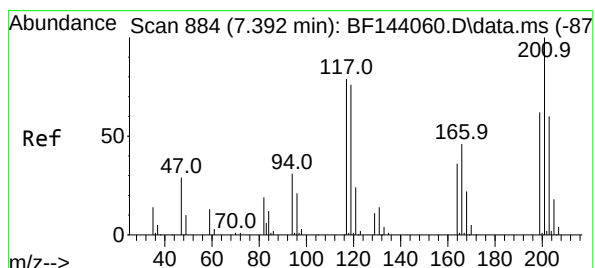
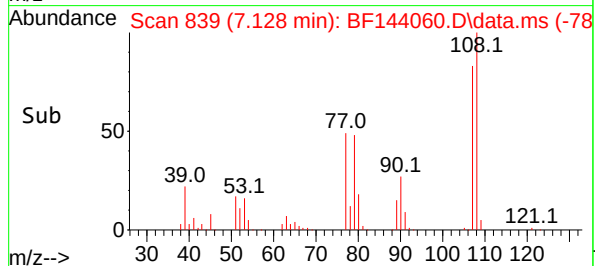
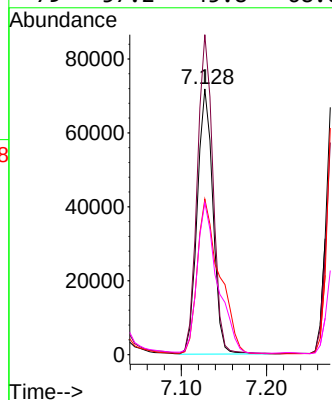
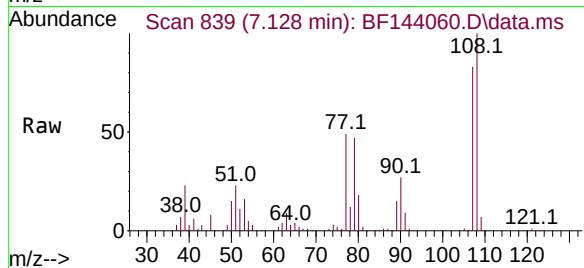
Ion Ratio Lower Upper

107 100

108 120.5 96.4 144.6

77 58.5 46.8 70.2

79 57.2 45.8 68.6



#18

Hexachloroethane

Concen: 40.236 ng

RT: 7.392 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

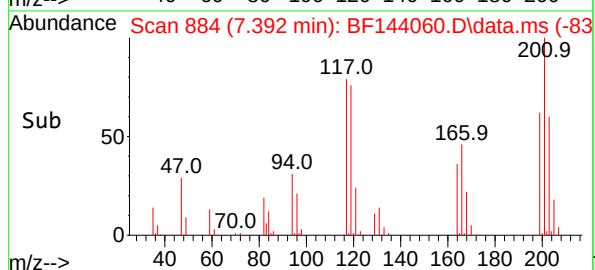
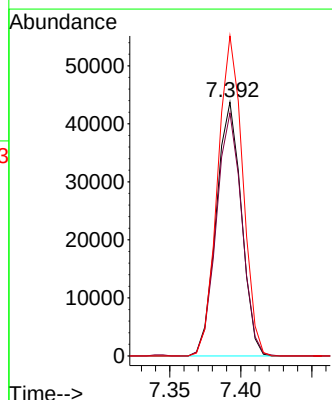
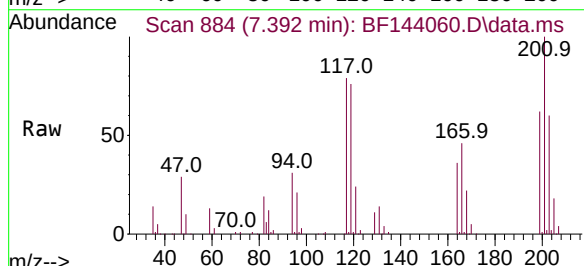
Tgt Ion:117 Resp: 53836

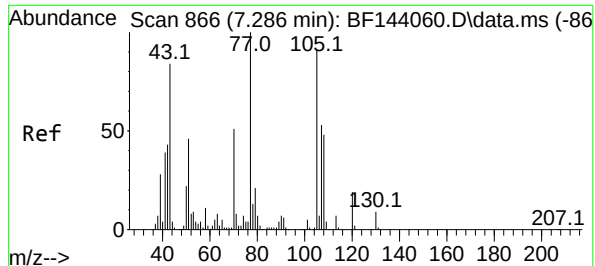
Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0

201 126.1 100.9 151.3

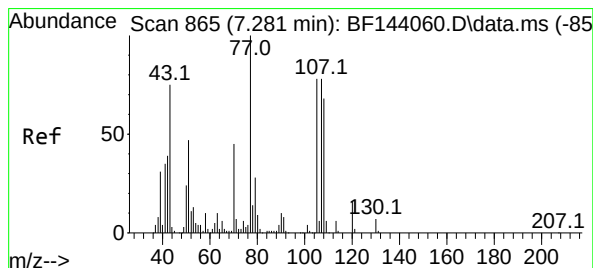
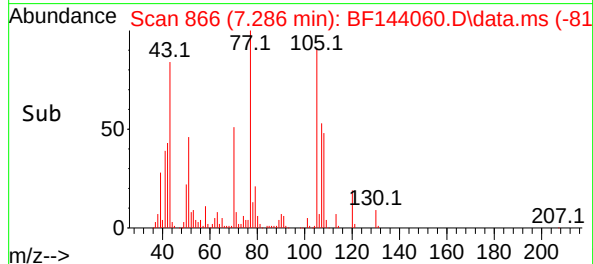
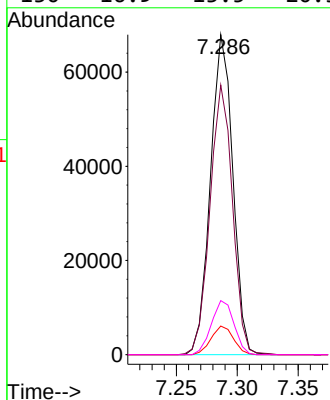
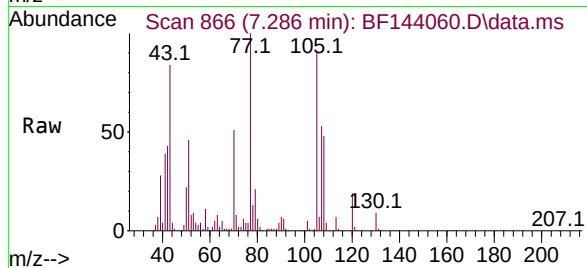




#19
n-Nitroso-di-n-propylamine
Concen: 38.823 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

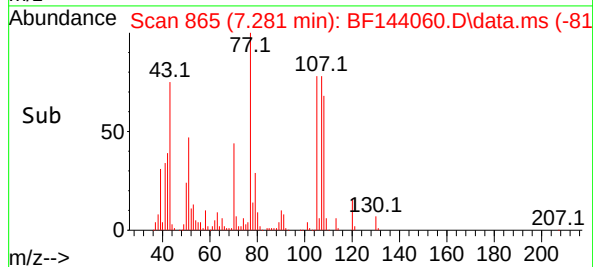
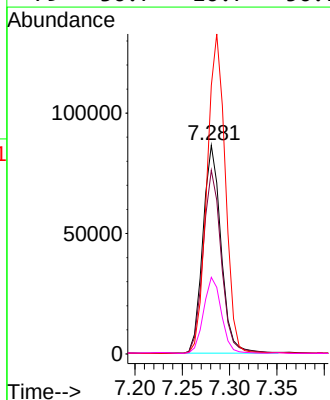
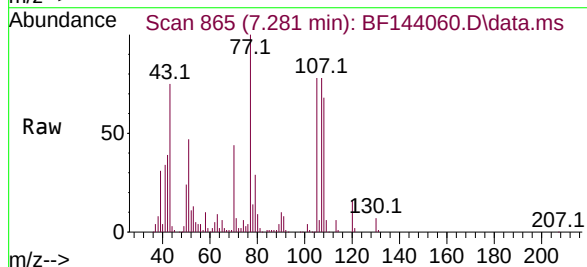
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

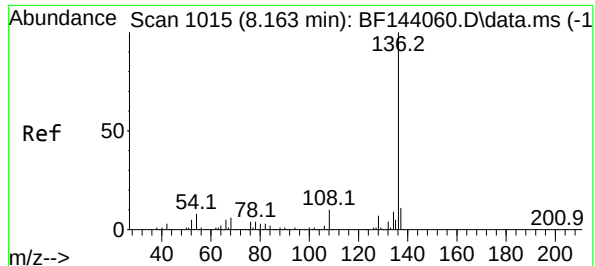
Tgt Ion: 70 Resp: 86672
Ion Ratio Lower Upper
70 100
42 84.2 67.4 101.0
101 8.9 7.1 10.7
130 16.9 13.5 20.3



#20
3+4-Methylphenols
Concen: 41.255 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 107 Resp: 115474
Ion Ratio Lower Upper
107 100
108 88.0 68.0 108.0
77 128.7 108.7 148.7
79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 178191

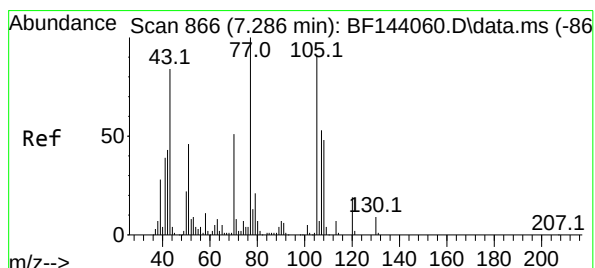
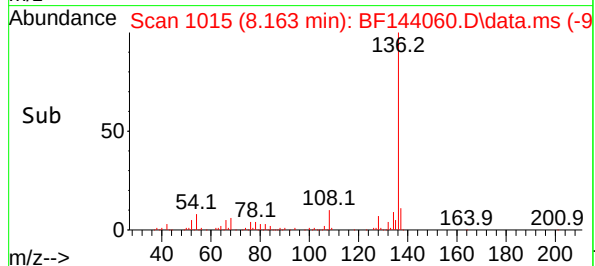
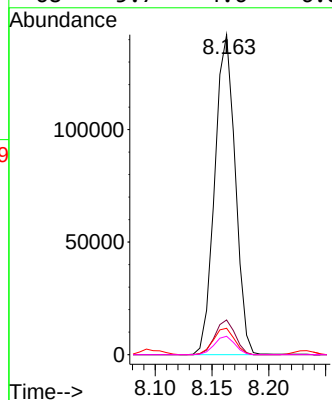
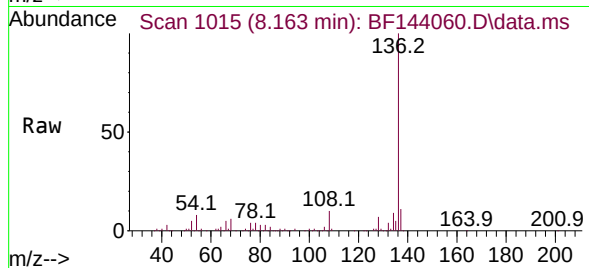
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.2 6.6 9.8

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 40.399 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:105 Resp: 155572

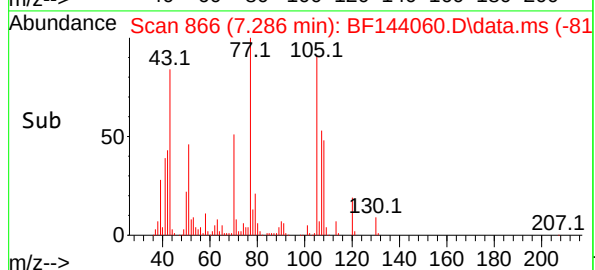
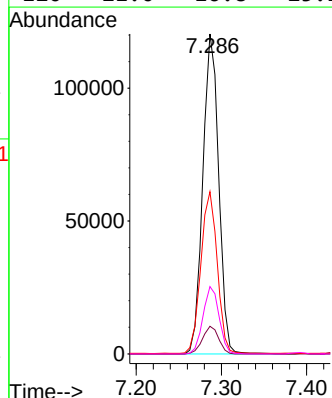
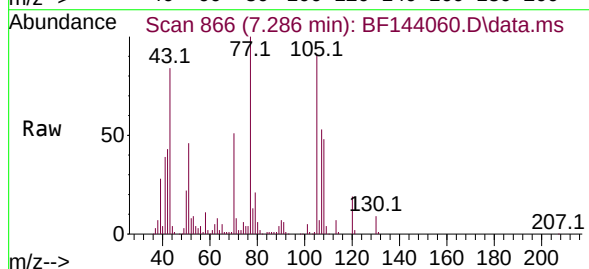
Ion Ratio Lower Upper

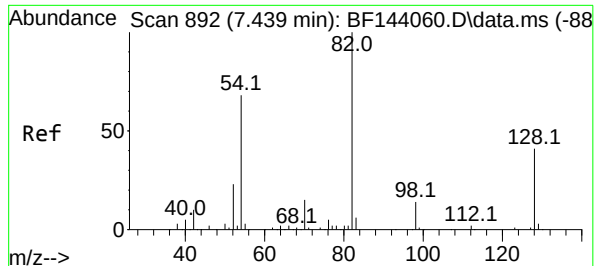
105 100

71 8.6 6.9 10.3

51 50.7 40.6 60.8

120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 80.590 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

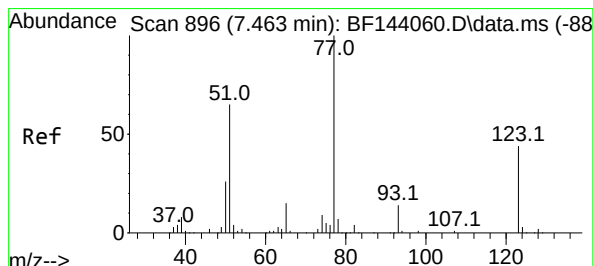
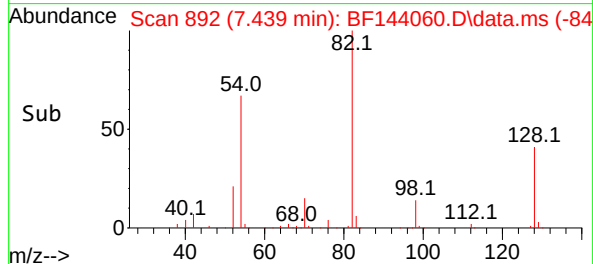
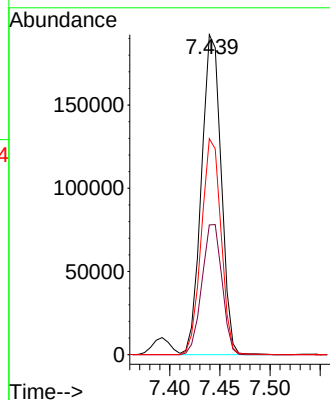
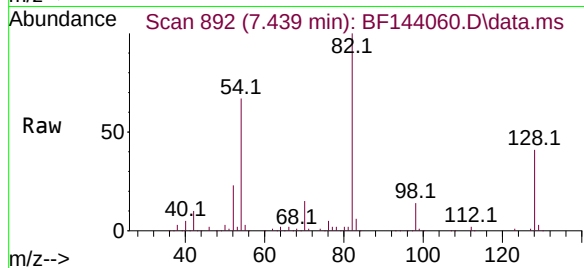
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 262114

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	67.5	54.0	81.0



#24

Nitrobenzene

Concen: 40.596 ng

RT: 7.463 min Scan# 896

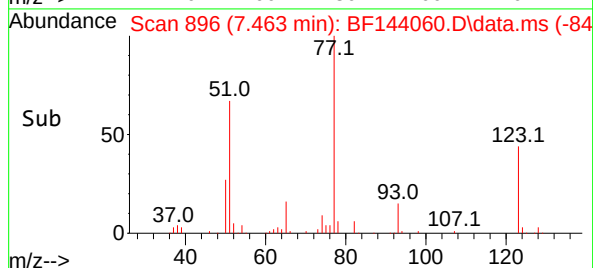
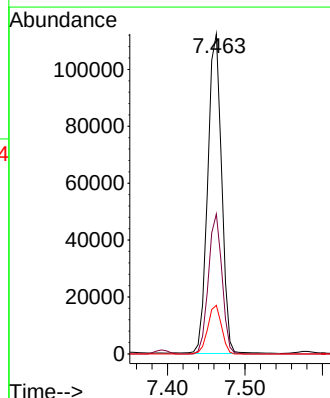
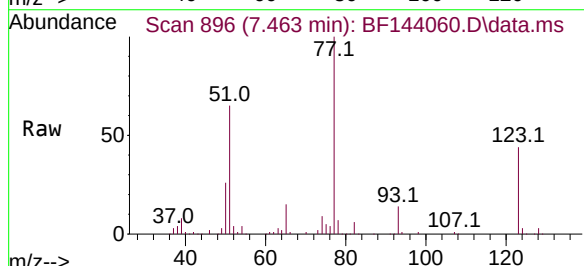
Delta R.T. 0.000 min

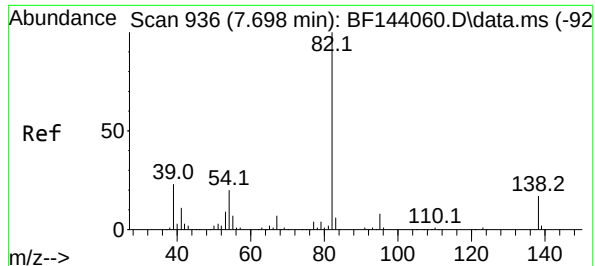
Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion: 77 Resp: 139675

Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.0	52.6
65	15.2	12.2	18.2





#25

Isophorone

Concen: 40.288 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

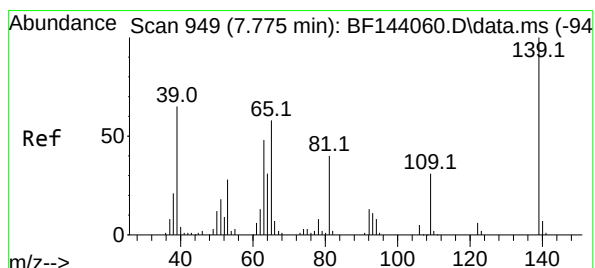
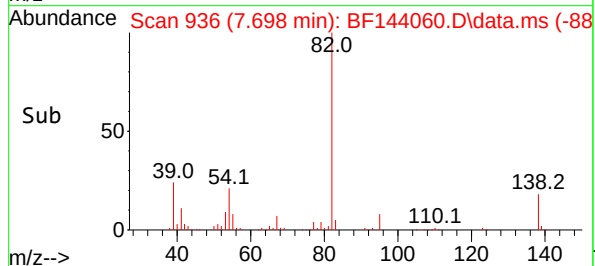
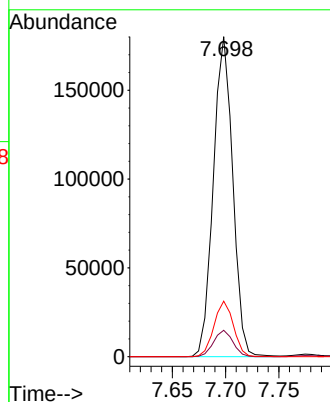
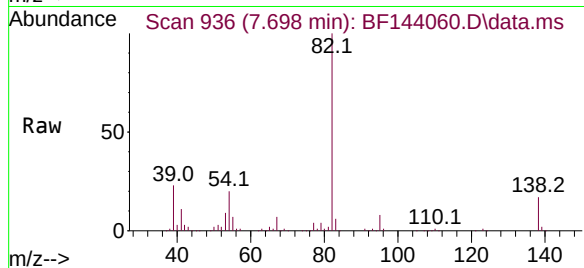
Tgt Ion: 82 Resp: 229089

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 41.591 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

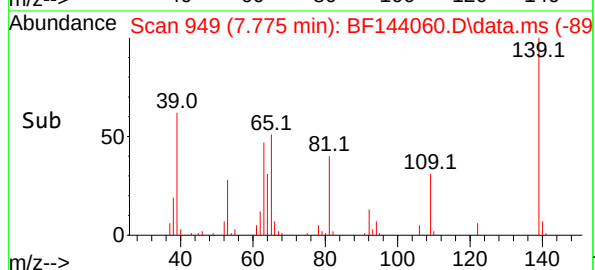
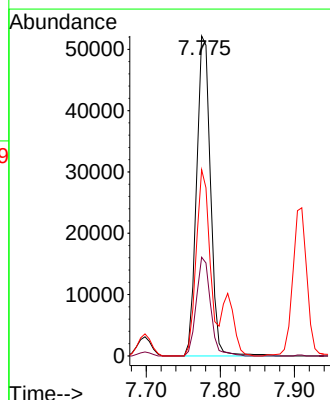
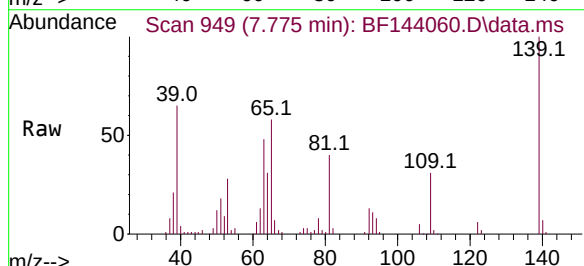
Tgt Ion: 139 Resp: 68074

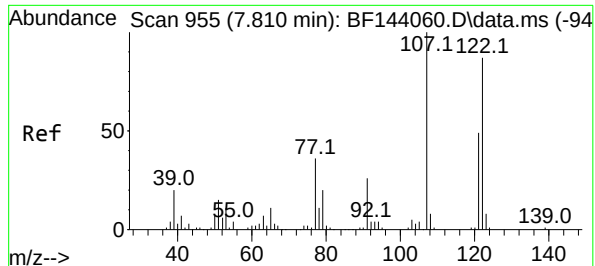
Ion Ratio Lower Upper

139 100

109 30.8 24.6 37.0

65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 42.049 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

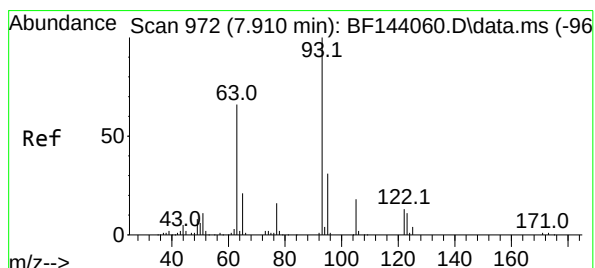
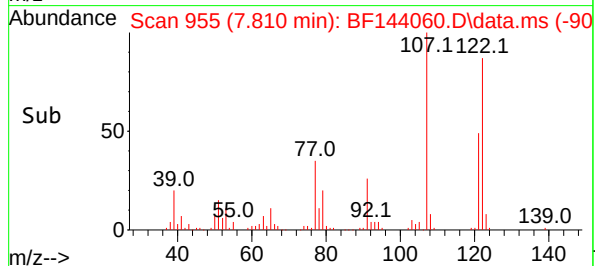
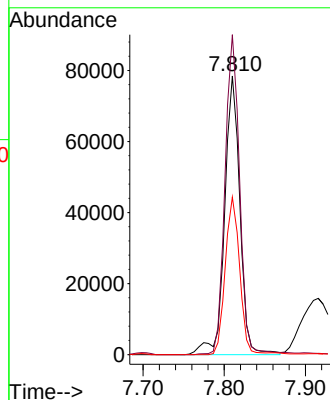
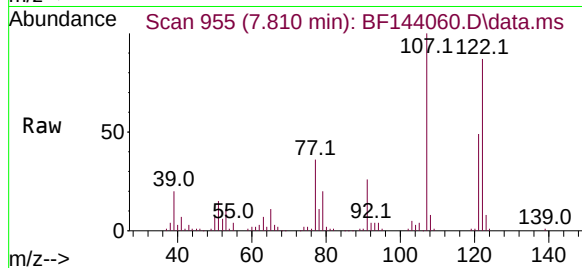
Tgt Ion:122 Resp: 102275

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

121 56.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

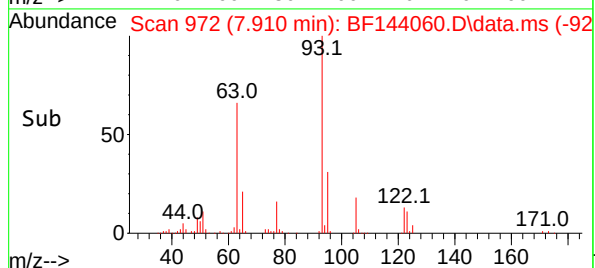
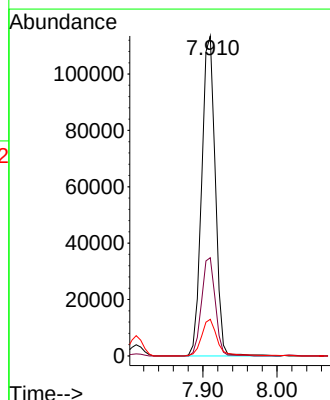
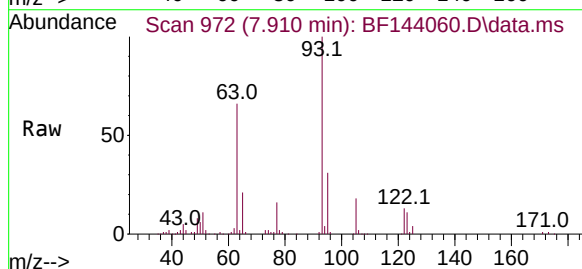
Tgt Ion: 93 Resp: 144080

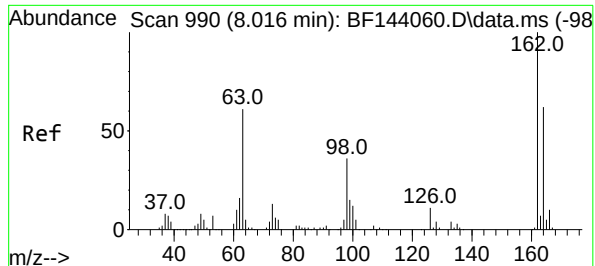
Ion Ratio Lower Upper

93 100

95 30.7 24.6 36.8

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.677 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

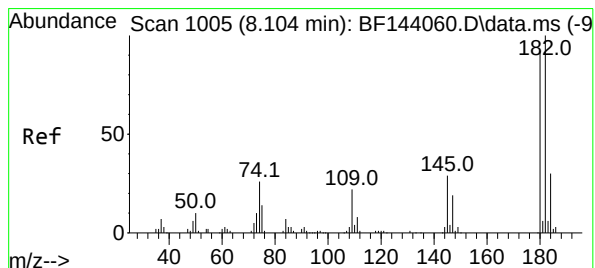
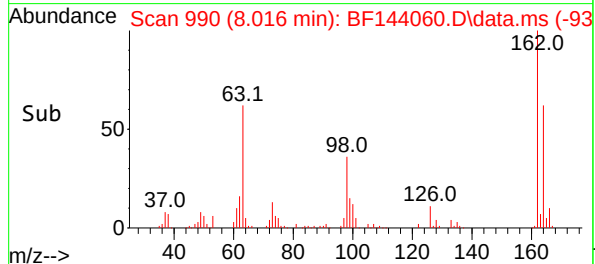
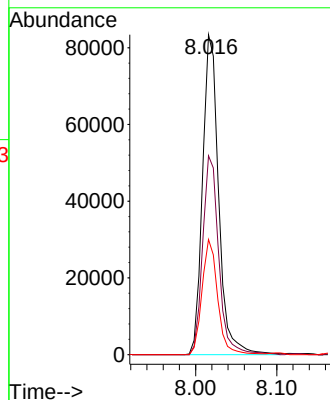
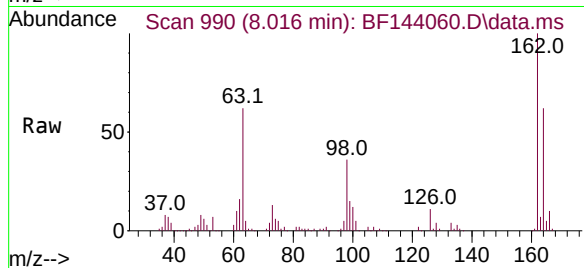
Tgt Ion:162 Resp: 115057

Ion Ratio Lower Upper

162 100

164 62.1 42.1 82.1

98 36.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 40.971 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

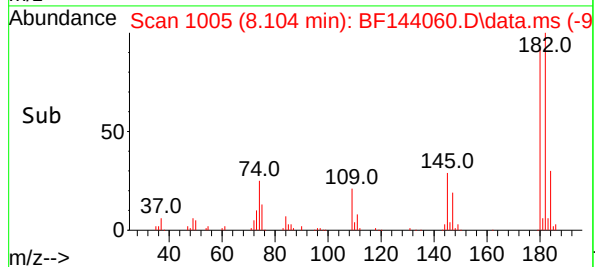
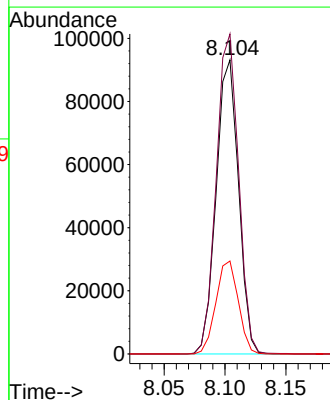
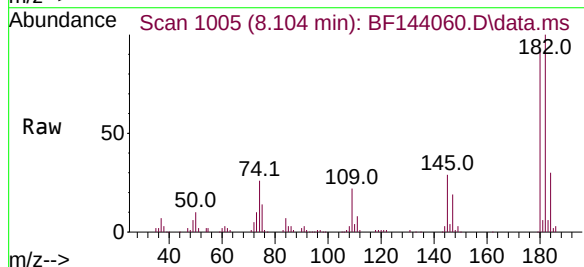
Tgt Ion:180 Resp: 119224

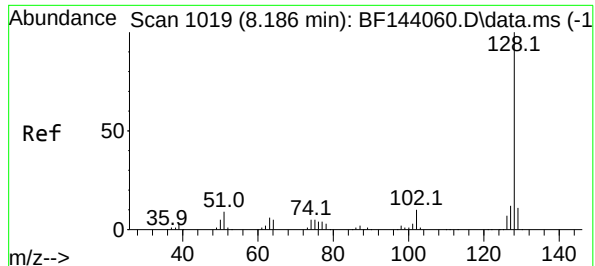
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 31.6 25.3 37.9

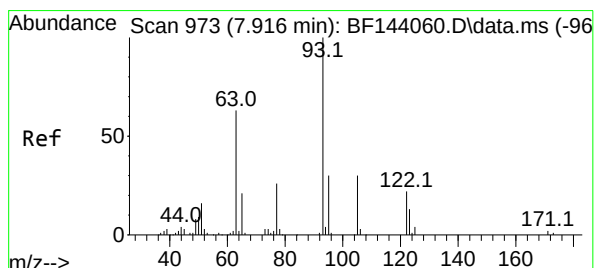
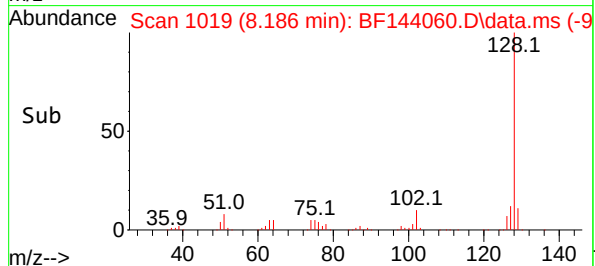
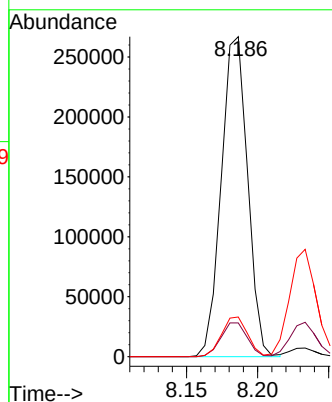
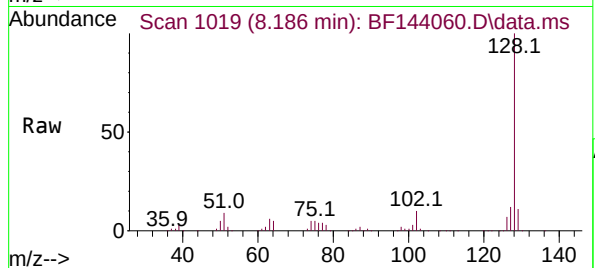




#31
Naphthalene
Concen: 40.910 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

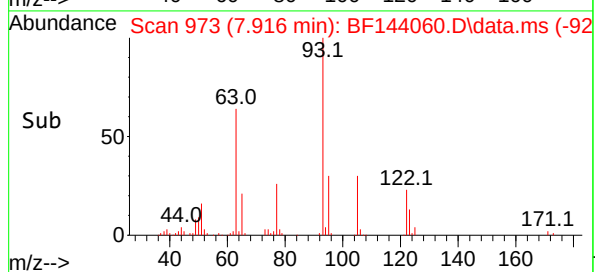
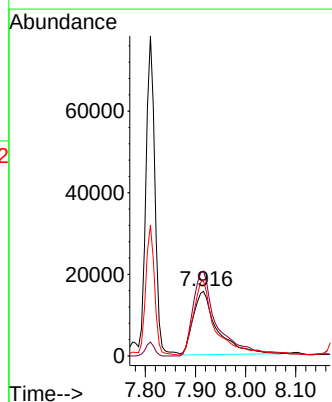
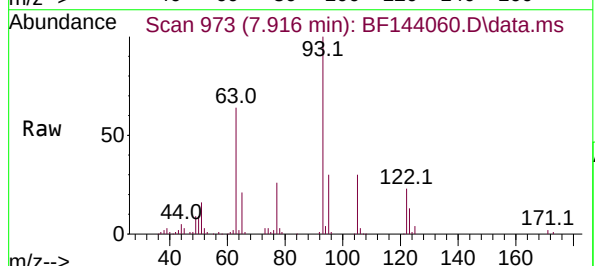
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

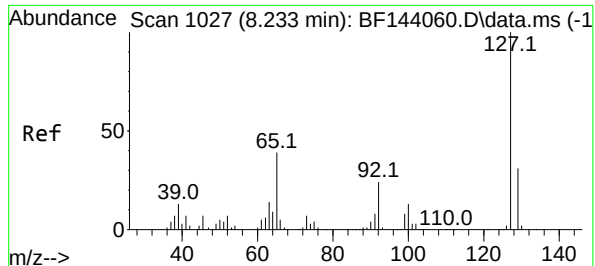
Tgt Ion:128 Resp: 344062
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.4 9.9 14.9



#32
Benzoic acid
Concen: 33.628 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:122 Resp: 51883
Ion Ratio Lower Upper
122 100
105 131.3 111.3 151.3
77 116.7 96.7 136.7

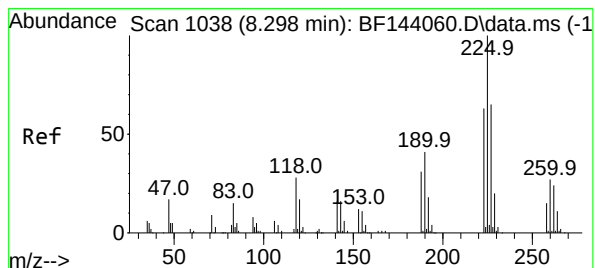
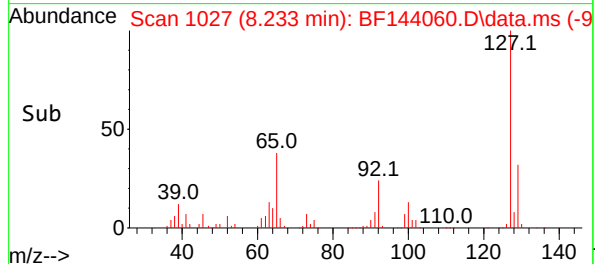
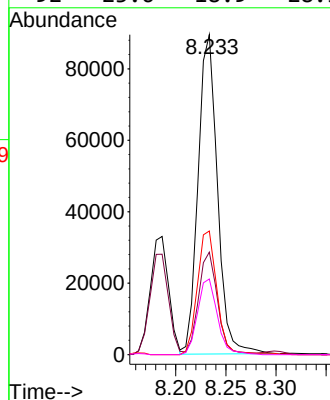
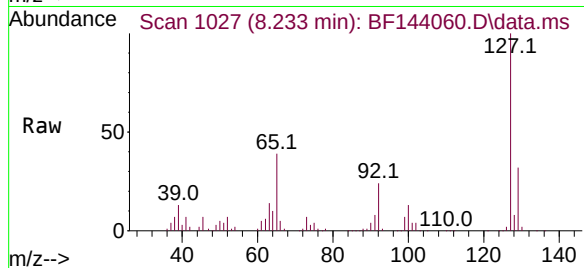




#33
4-Chloroaniline
Concen: 40.949 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

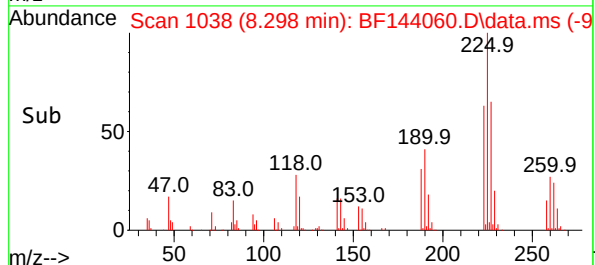
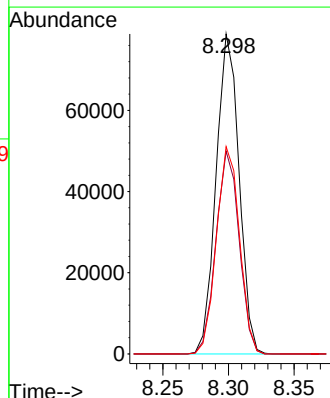
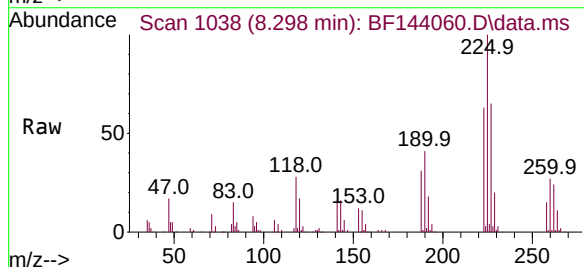
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

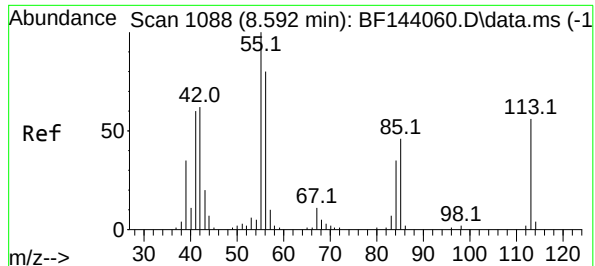
Tgt Ion:	127	Resp:	119889
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	38.6	30.9	46.3
92	23.6	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.380 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	225	Resp:	96082
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.8	51.8	77.8

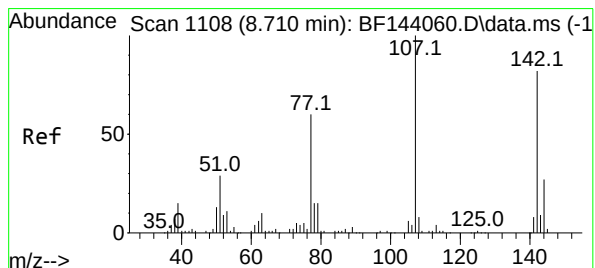
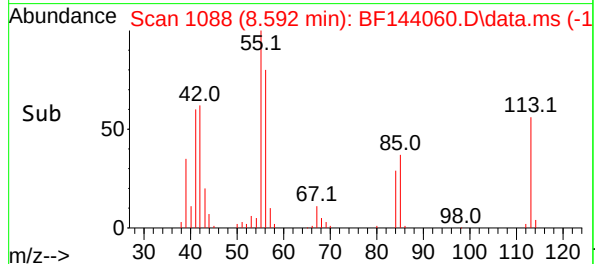
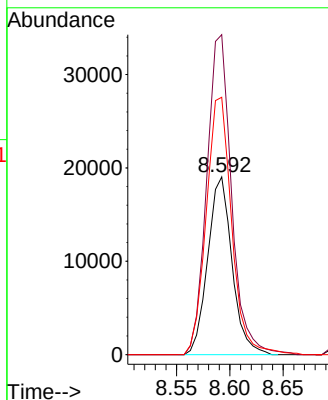
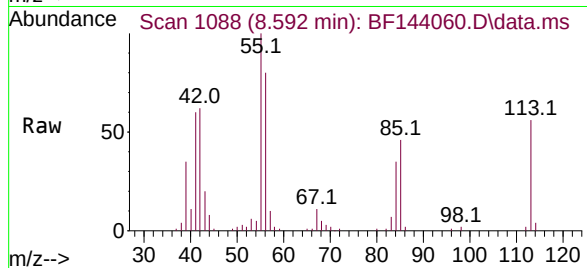




#35
Caprolactam
Concen: 42.585 ng
RT: 8.592 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

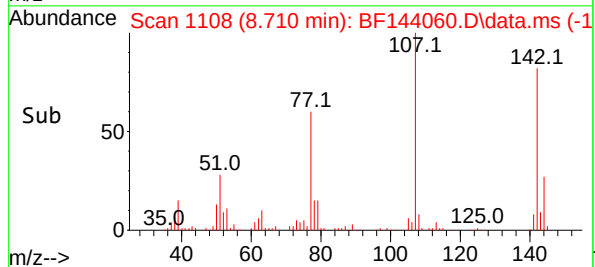
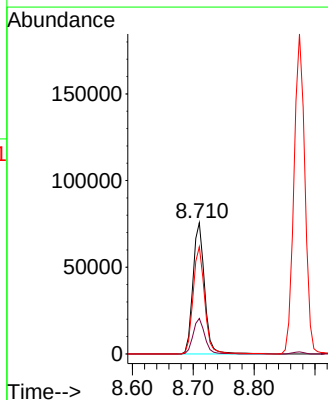
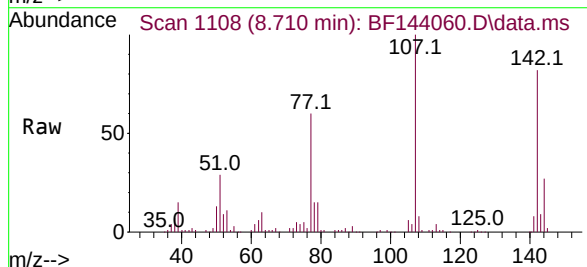
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

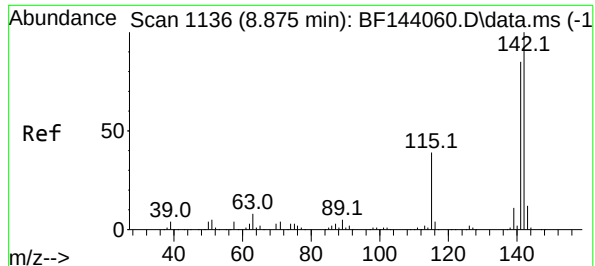
Tgt Ion:113 Resp: 30206
Ion Ratio Lower Upper
113 100
55 180.1 160.1 200.1
56 144.9 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 40.234 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:107 Resp: 100429
Ion Ratio Lower Upper
107 100
144 27.0 21.6 32.4
142 81.7 65.4 98.0





#37

2-Methylnaphthalene

Concen: 41.362 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

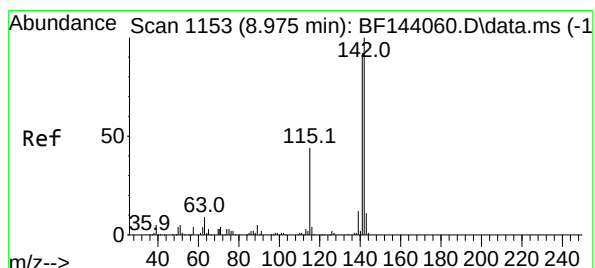
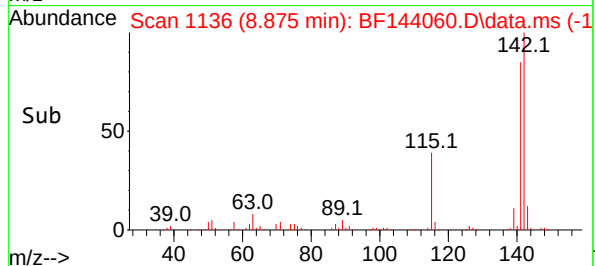
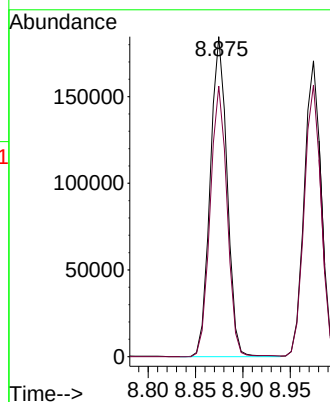
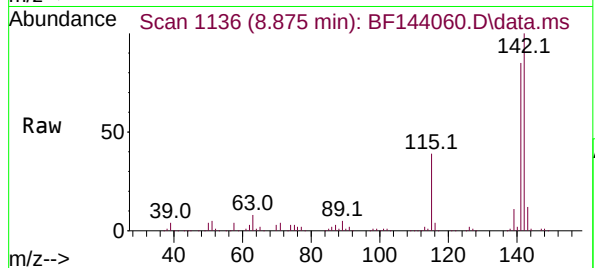
SSTDICCC040

Tgt Ion:142 Resp: 229345

Ion Ratio Lower Upper

142 100

141 84.5 67.6 101.4



#38

1-Methylnaphthalene

Concen: 40.062 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144060.D

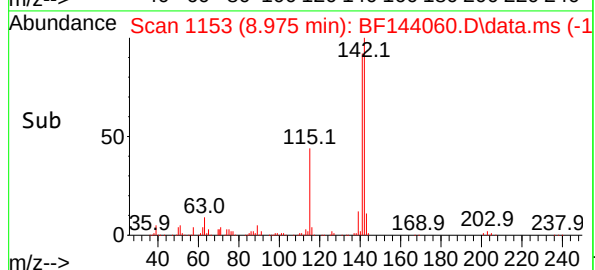
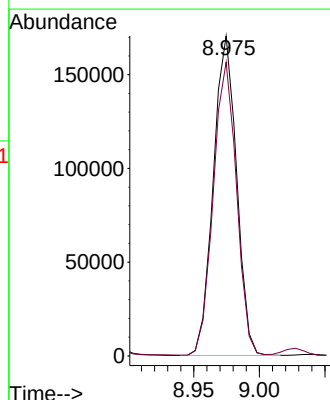
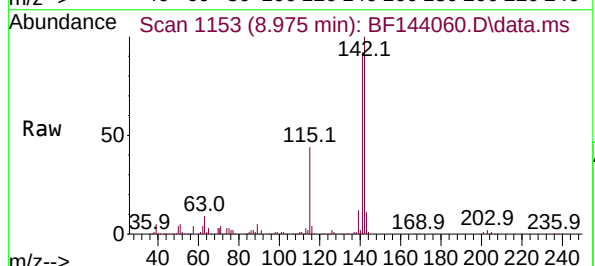
Acq: 24 Oct 2025 13:05

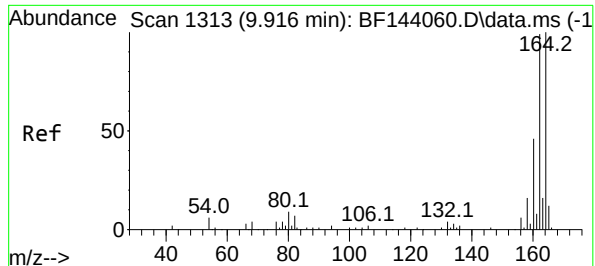
Tgt Ion:142 Resp: 210460

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

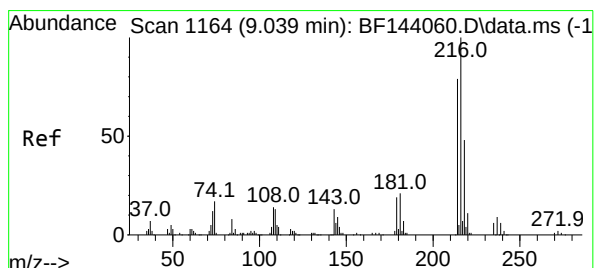
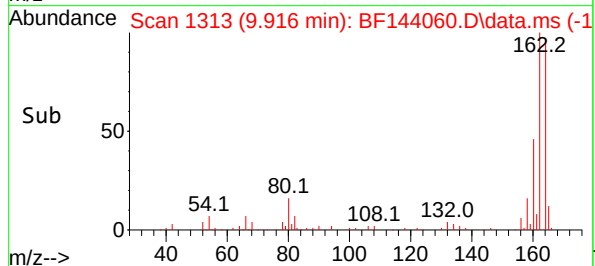
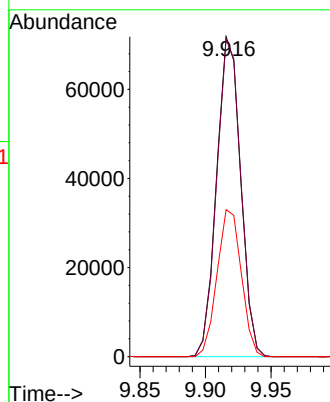
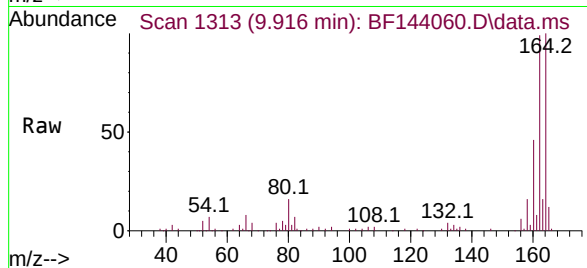
Tgt Ion:164 Resp: 91554

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.130 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:216 Resp: 129417

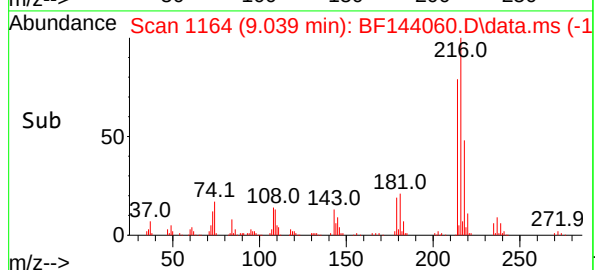
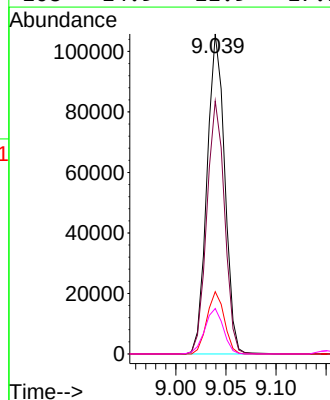
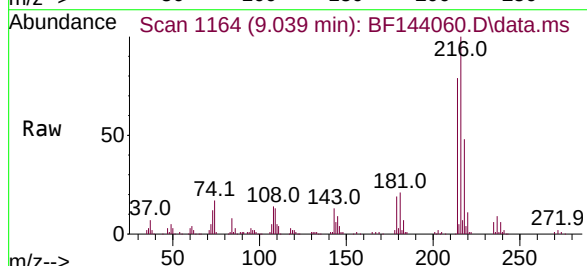
Ion Ratio Lower Upper

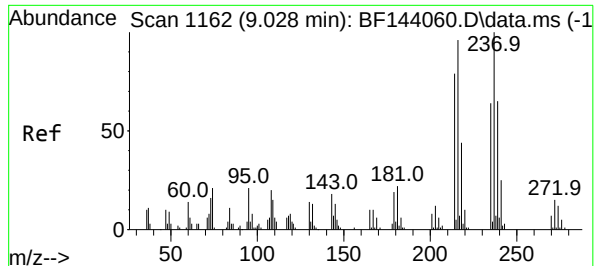
216 100

214 79.0 63.2 94.8

179 19.0 15.2 22.8

108 14.9 11.9 17.9

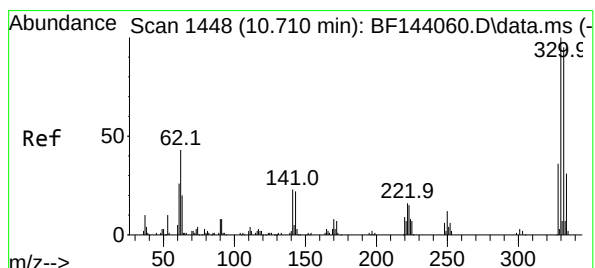
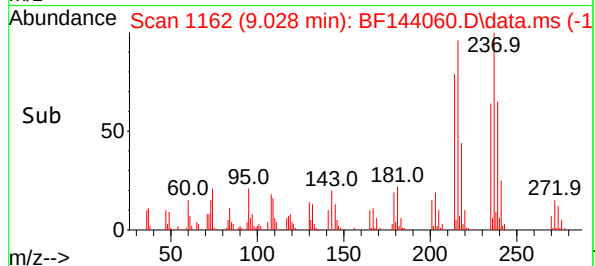
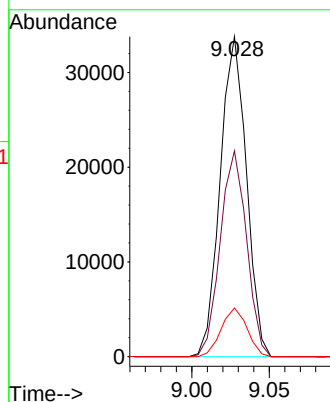
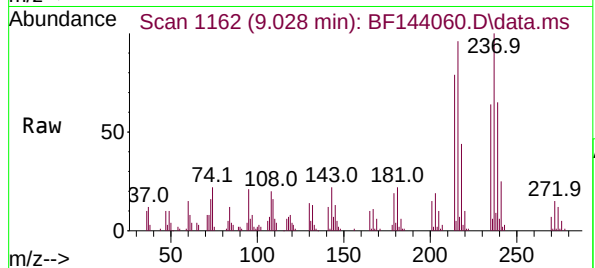




#41
Hexachlorocyclopentadiene
Concen: 41.012 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

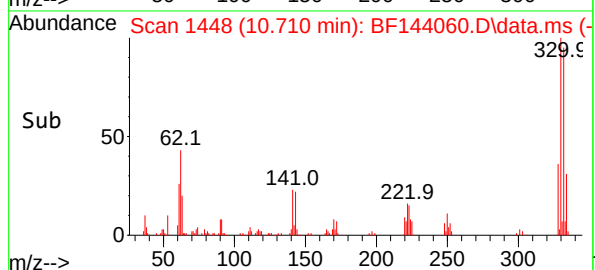
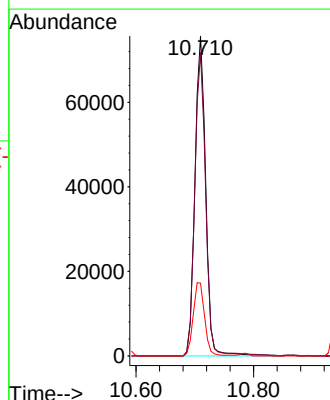
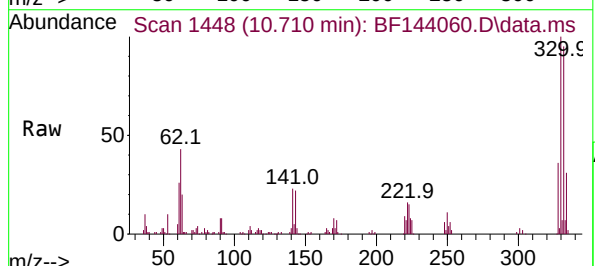
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

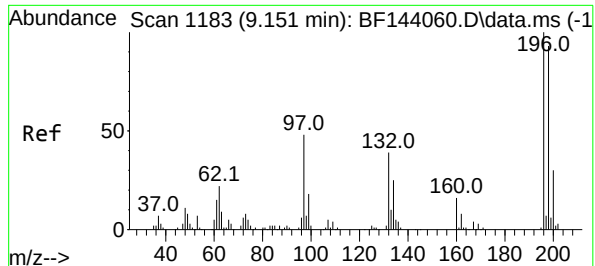
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.3	84.3
272	15.2	0.0	35.2



#42
2,4,6-Tribromophenol
Concen: 82.238 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.2	19.4	29.0





#43

2,4,6-Trichlorophenol

Concen: 42.346 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

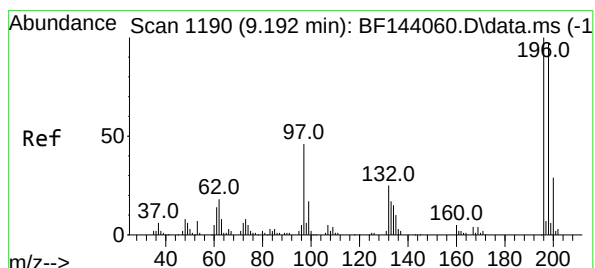
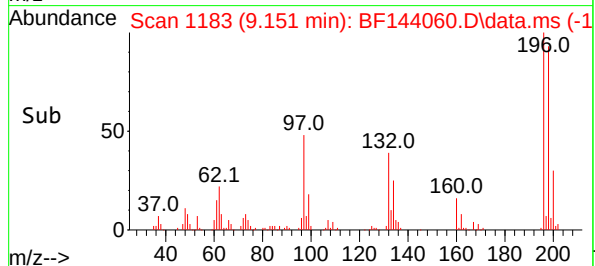
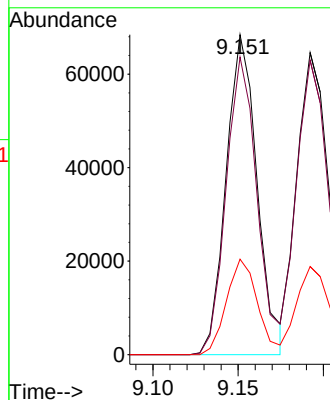
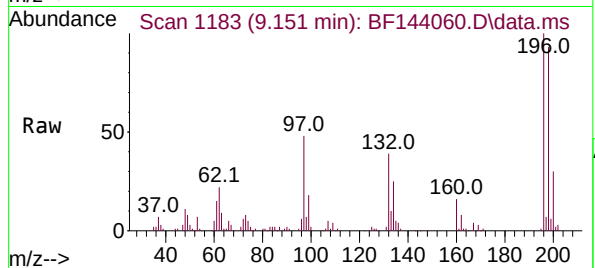
Tgt Ion:196 Resp: 86607

Ion Ratio Lower Upper

196 100

198 93.0 74.4 111.6

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 39.842 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:196 Resp: 85520

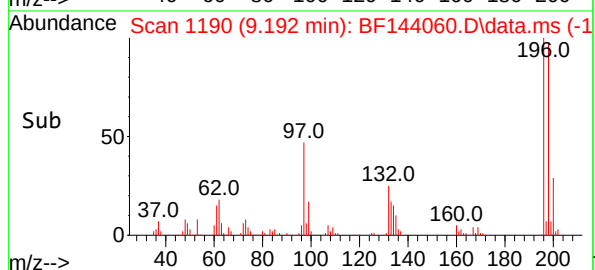
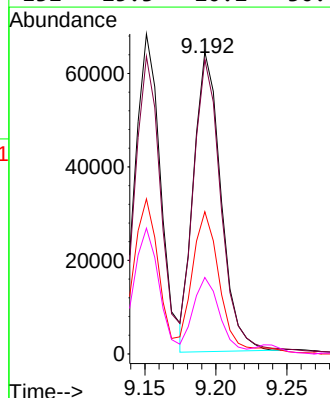
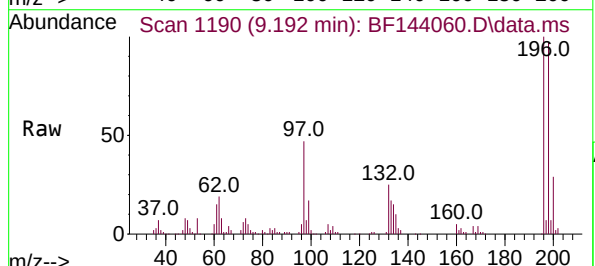
Ion Ratio Lower Upper

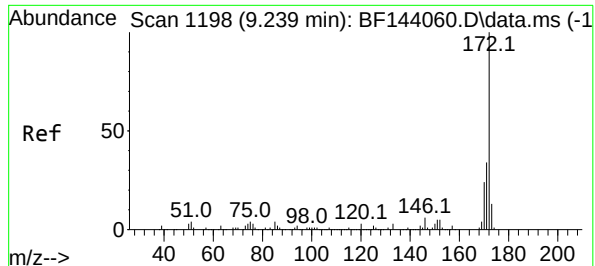
196 100

198 97.5 78.0 117.0

97 47.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 81.692 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

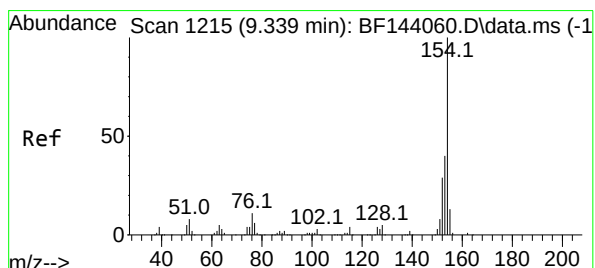
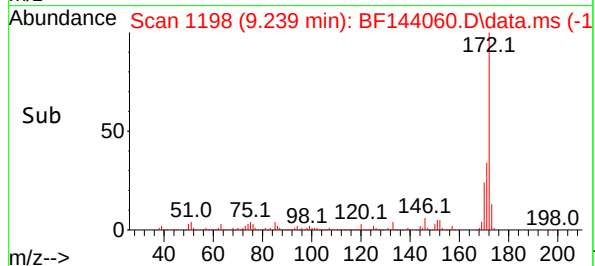
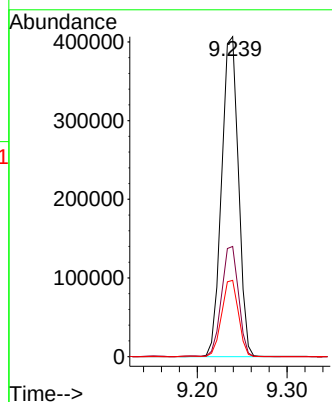
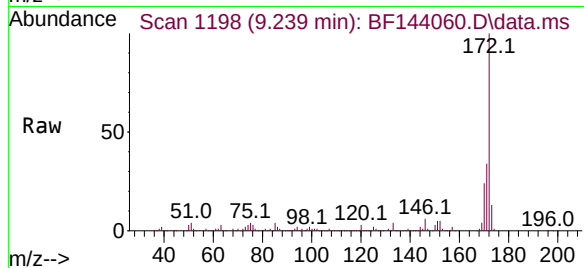
Tgt Ion:172 Resp: 531491

Ion Ratio Lower Upper

172 100

171 34.4 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.129 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

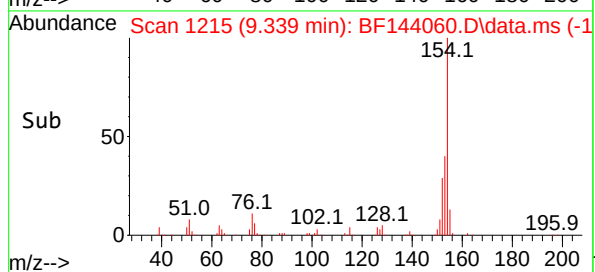
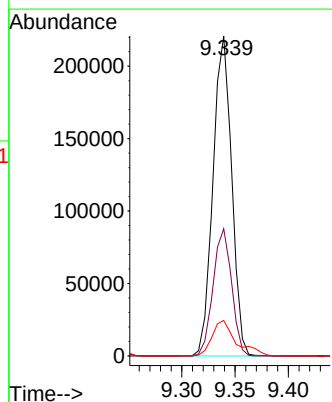
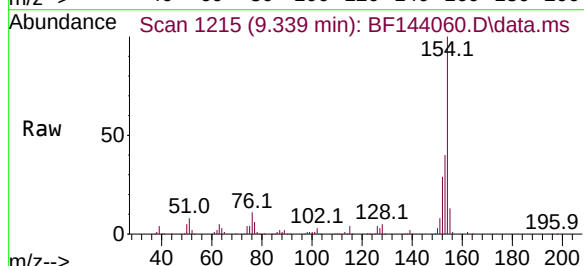
Tgt Ion:154 Resp: 269550

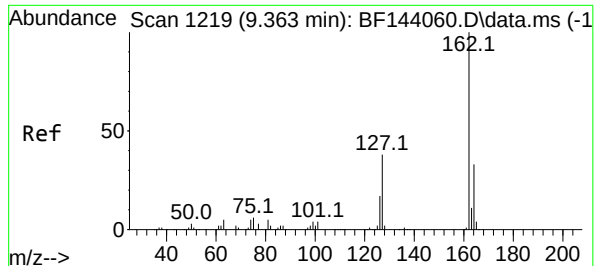
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.753 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

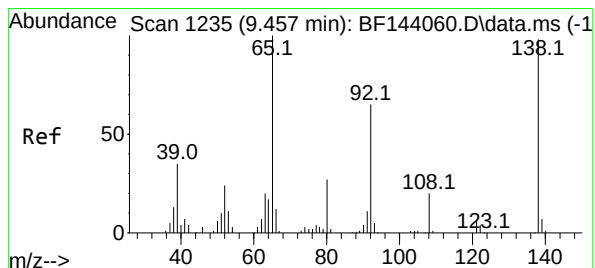
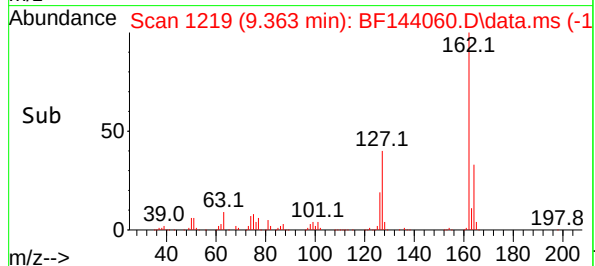
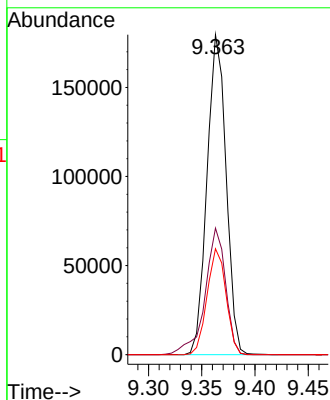
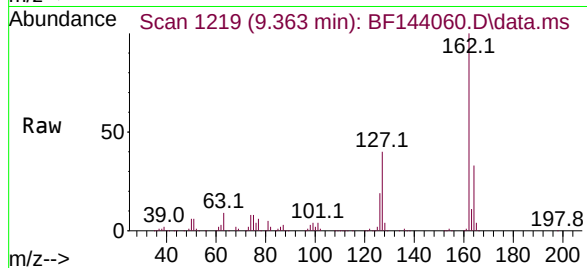
Tgt Ion:162 Resp: 223762

Ion Ratio Lower Upper

162 100

127 39.5 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 42.711 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

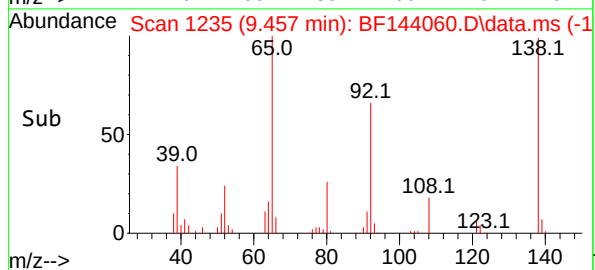
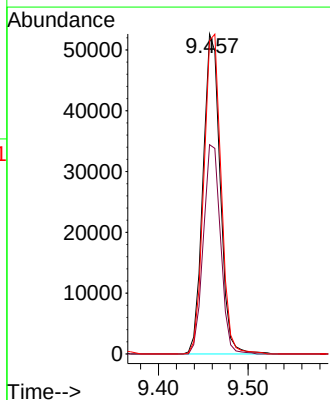
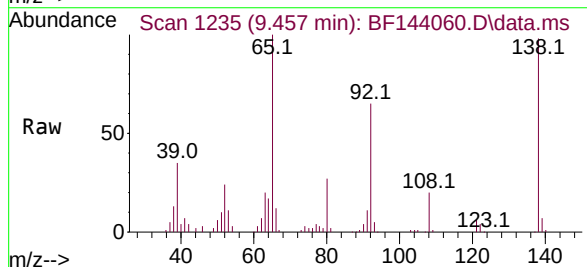
Tgt Ion: 65 Resp: 69638

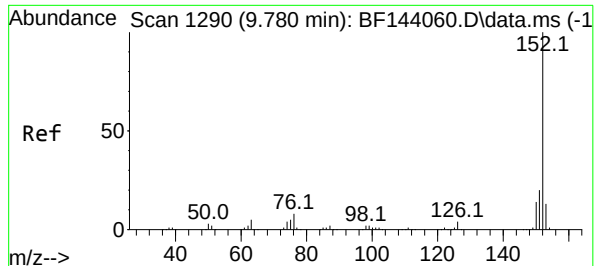
Ion Ratio Lower Upper

65 100

92 65.4 52.3 78.5

138 97.9 78.3 117.5





#49

Acenaphthylene

Concen: 42.112 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144060.D

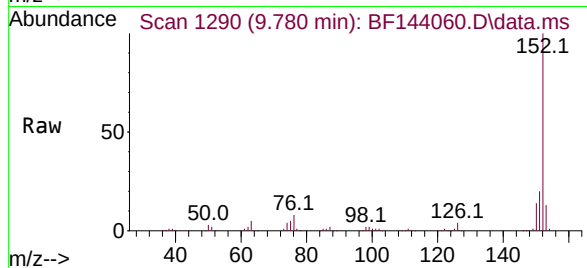
Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



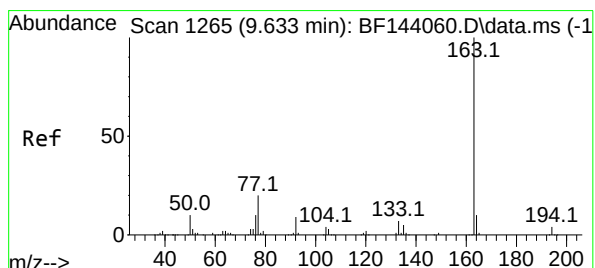
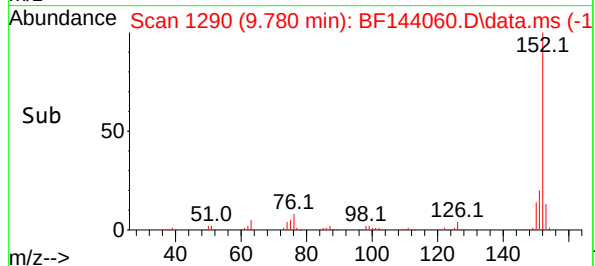
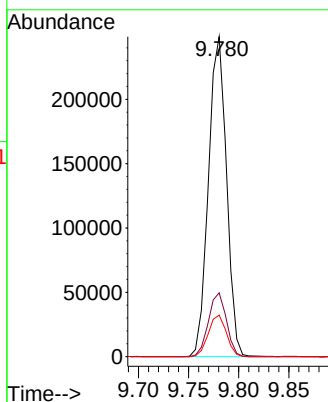
Tgt Ion:152 Resp: 311770

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.666 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

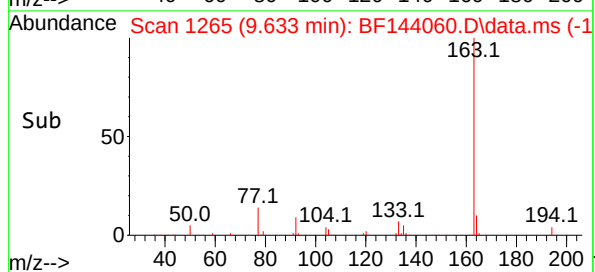
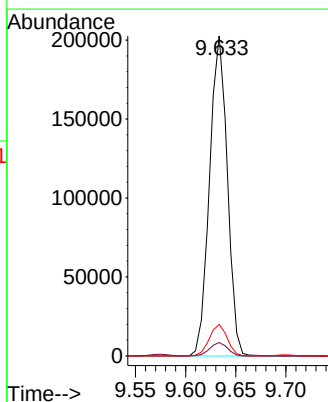
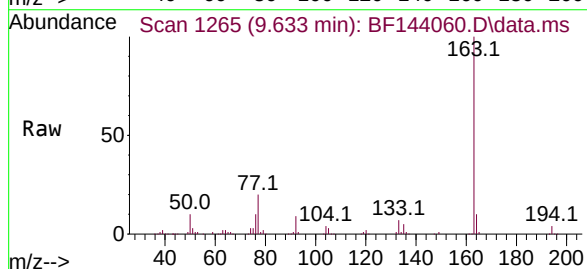
Tgt Ion:163 Resp: 250045

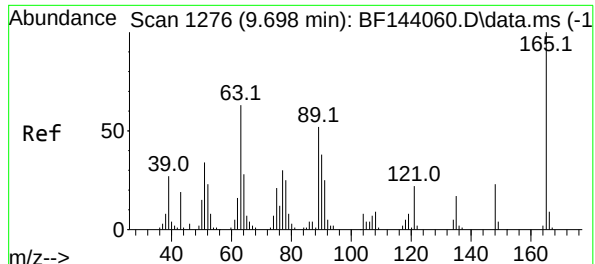
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 42.535 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

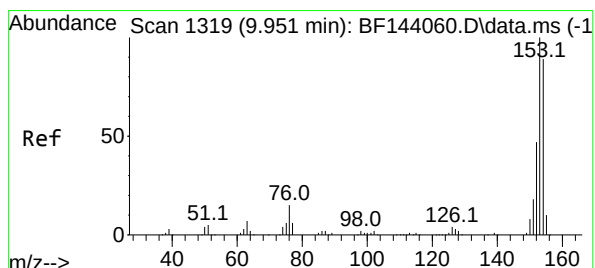
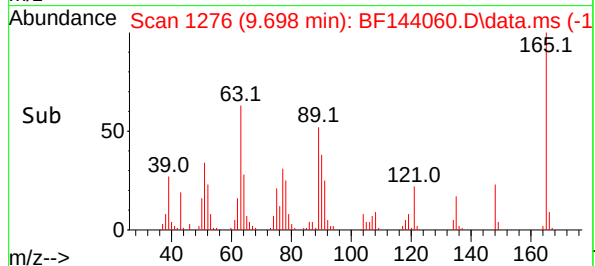
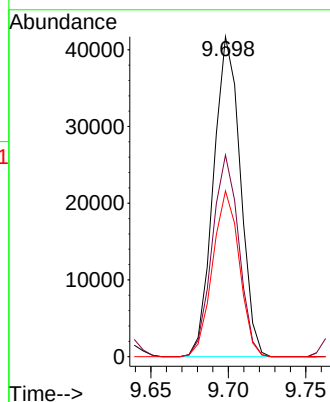
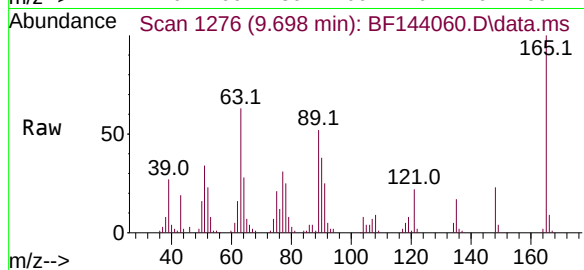
Tgt Ion:165 Resp: 50463

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.8 41.4 62.2



#52

Acenaphthene

Concen: 41.240 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

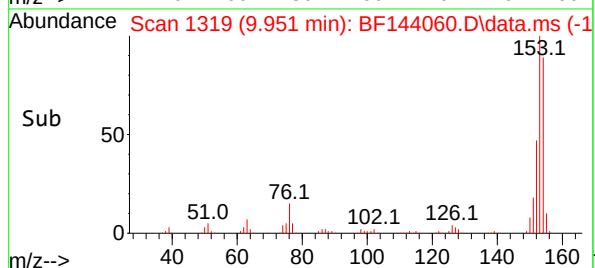
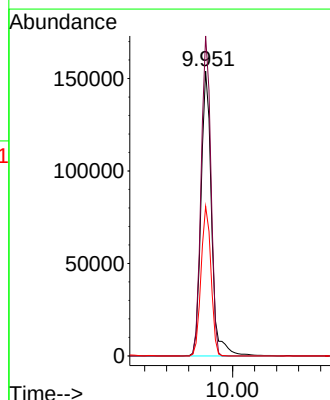
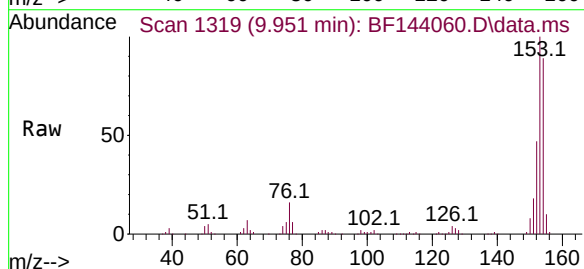
Tgt Ion:154 Resp: 203905

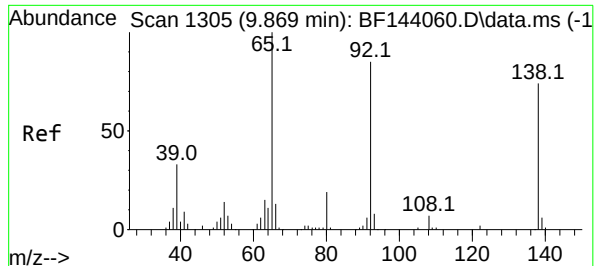
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 52.5 42.0 63.0





#53

3-Nitroaniline

Concen: 44.713 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

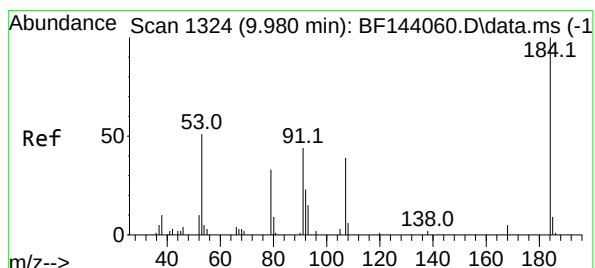
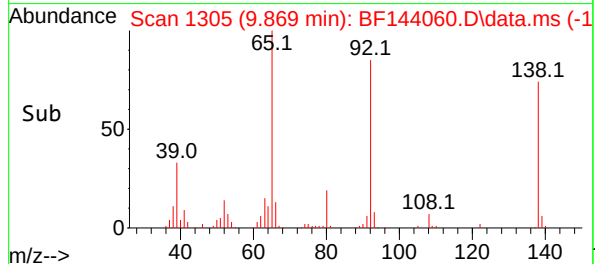
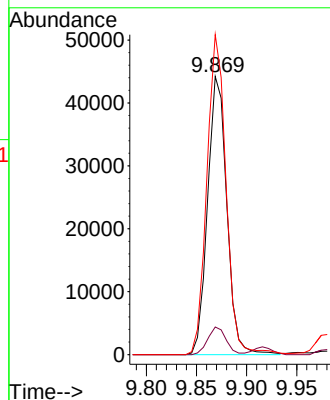
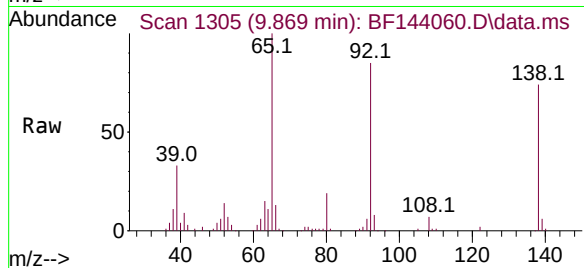
Tgt Ion:138 Resp: 58978

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

92 115.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 35.283 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

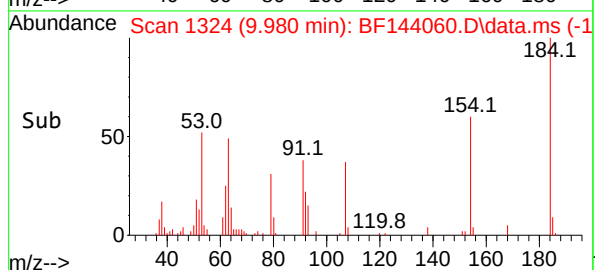
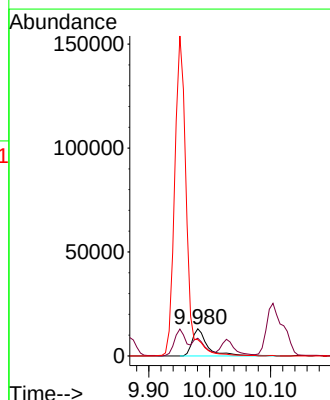
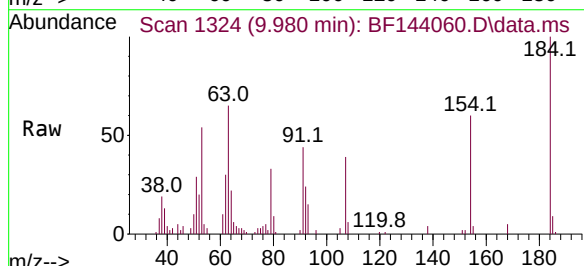
Tgt Ion:184 Resp: 22640

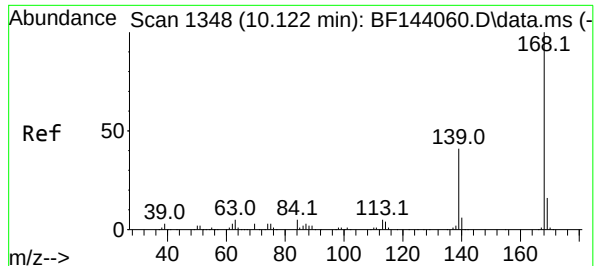
Ion Ratio Lower Upper

184 100

63 65.1 52.1 78.1

154 59.9 47.9 71.9

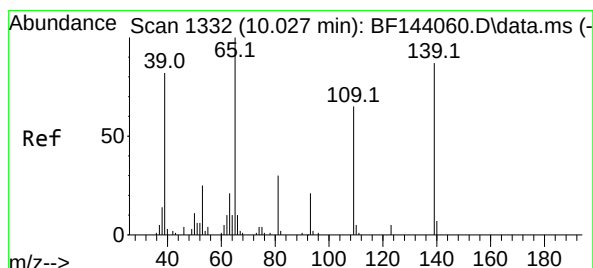
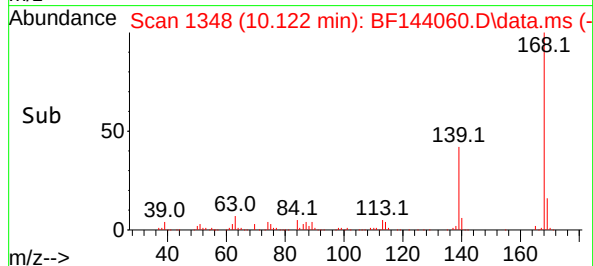
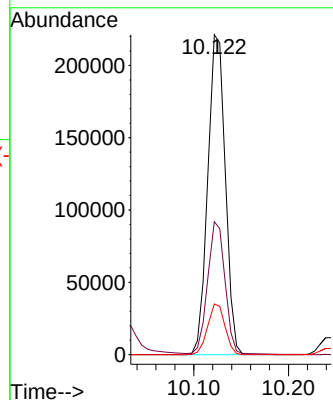
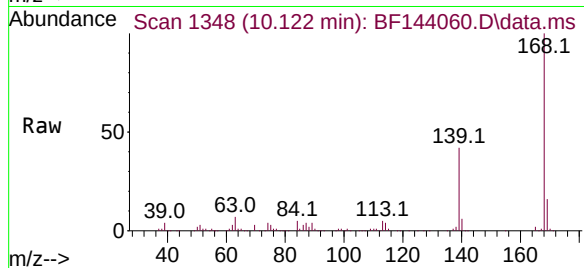




#55
Dibenzenofuran
Concen: 41.592 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

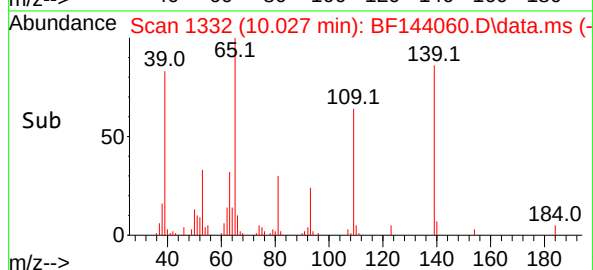
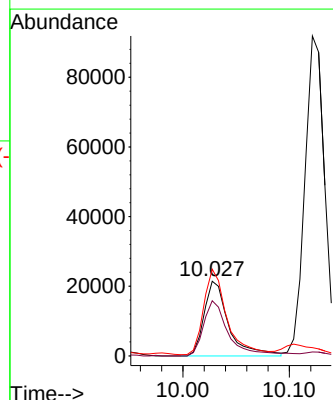
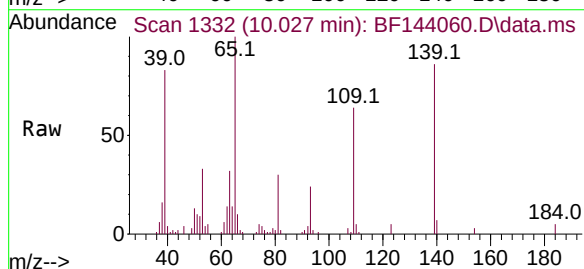
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

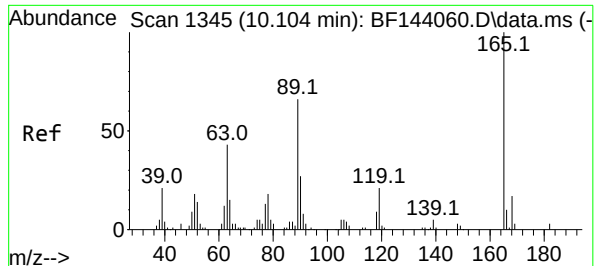
Tgt Ion:168 Resp: 285490
Ion Ratio Lower Upper
168 100
139 41.5 33.2 49.8
169 15.8 12.6 19.0



#56
4-Nitrophenol
Concen: 38.279 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:139 Resp: 34191
Ion Ratio Lower Upper
139 100
109 73.8 53.8 93.8
65 115.9 95.9 135.9

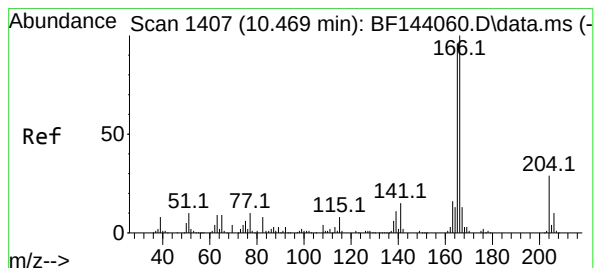
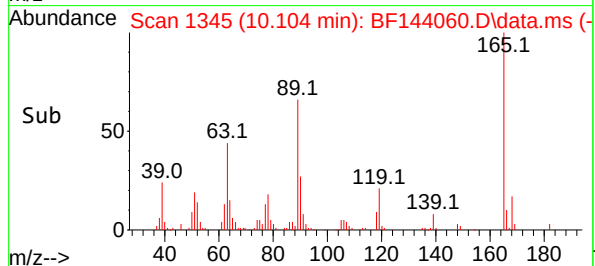
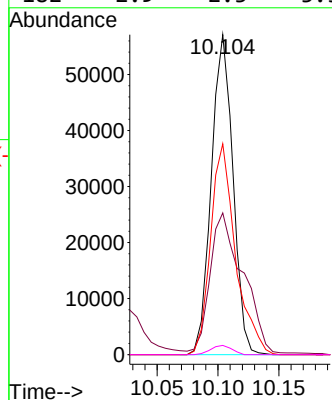
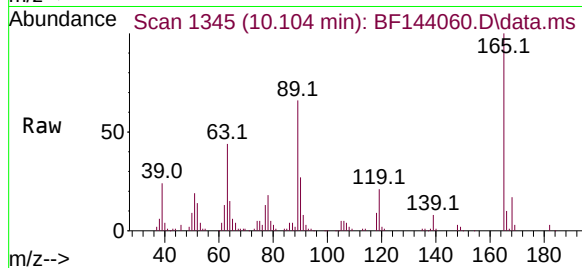




#57
2,4-Dinitrotoluene
Concen: 44.075 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

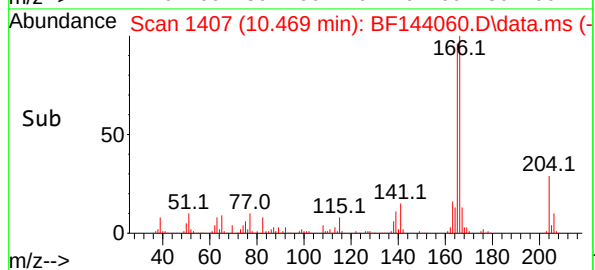
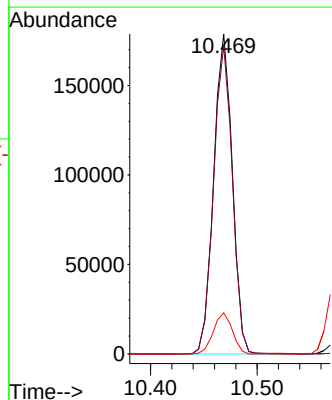
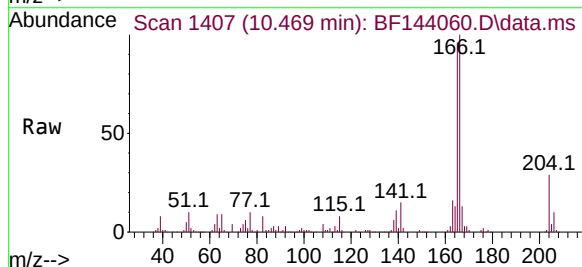
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

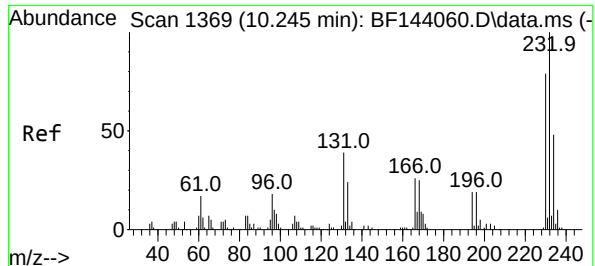
Tgt Ion:165 Resp: 70572
Ion Ratio Lower Upper
165 100
63 44.3 35.4 53.2
89 65.9 52.7 79.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 41.604 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:166 Resp: 217594
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 12.8 10.2 15.4

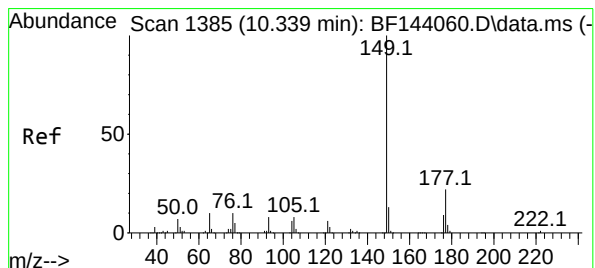
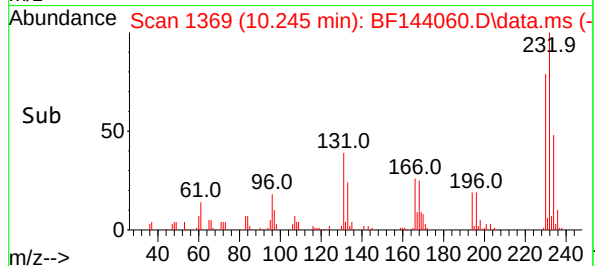
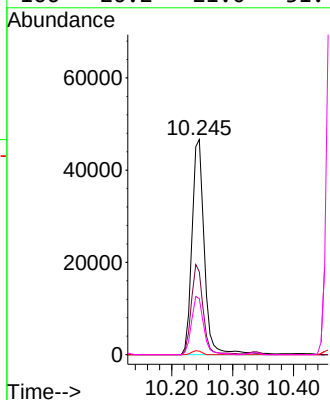
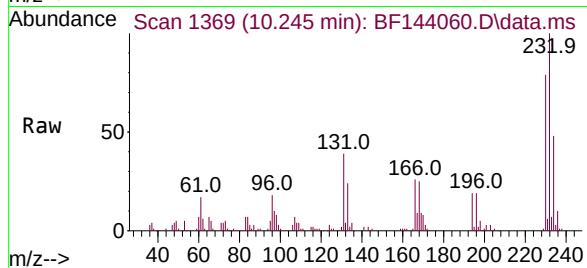




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.585 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

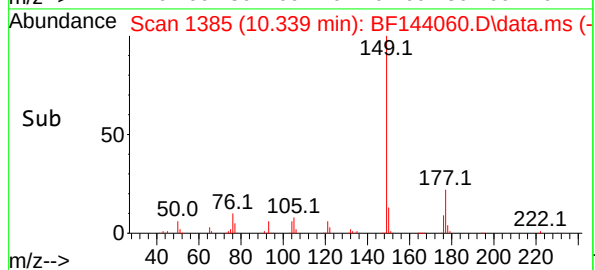
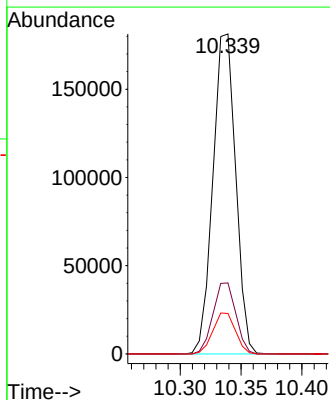
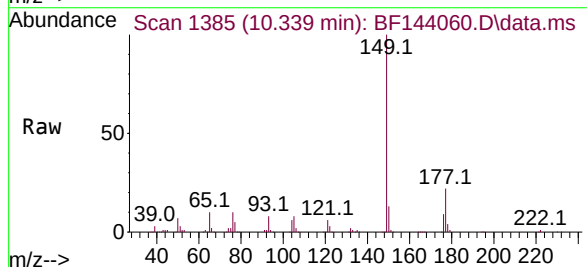
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

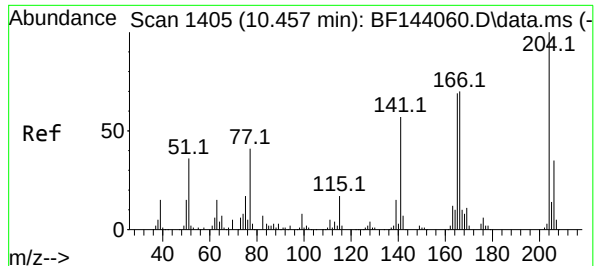
Tgt Ion:232 Resp: 65926
Ion Ratio Lower Upper
232 100
131 39.9 31.9 47.9
130 1.4 1.1 1.7
166 26.2 21.0 31.4



#60
Diethylphthalate
Concen: 41.838 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:149 Resp: 236119
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.6 10.1 15.1

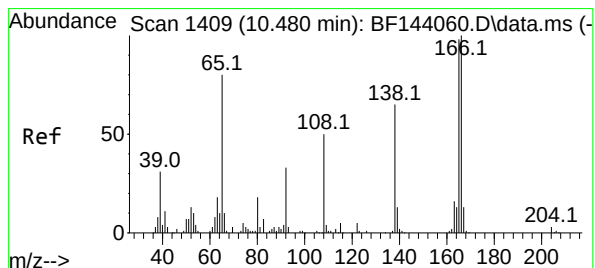
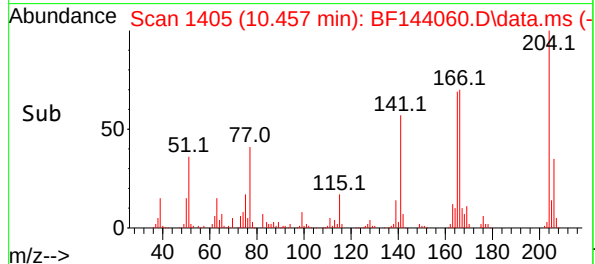
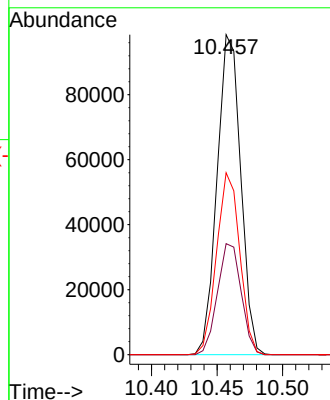
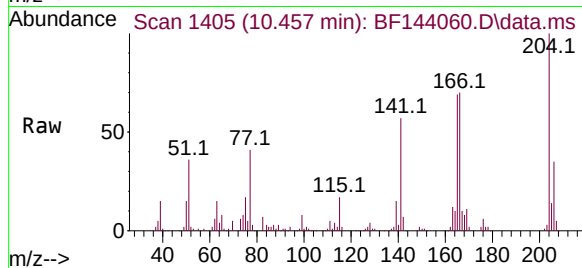




#61
4-Chlorophenyl-phenylether
Concen: 42.022 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

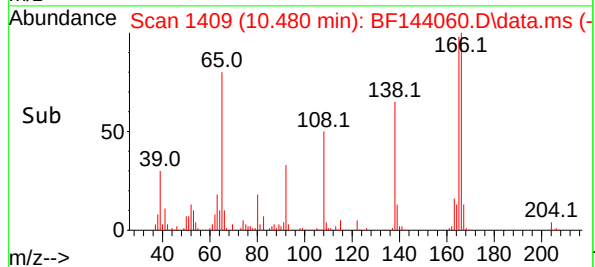
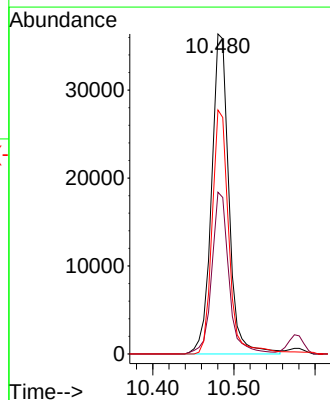
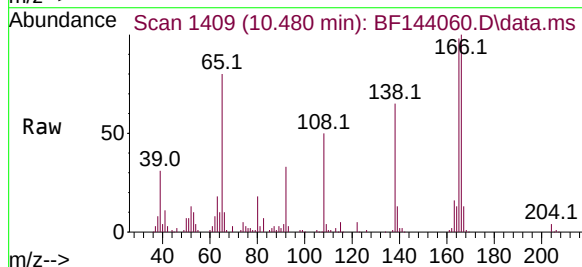
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

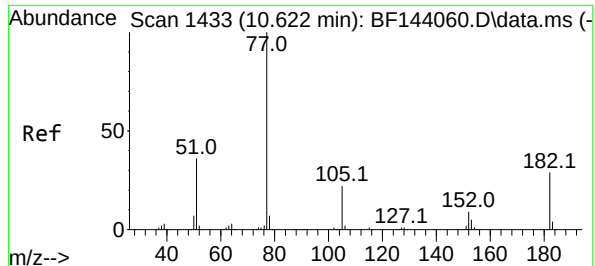
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.8	41.6
141	56.8	45.4	68.2



#62
4-Nitroaniline
Concen: 43.392 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.5	70.5
108	76.2	56.2	96.2

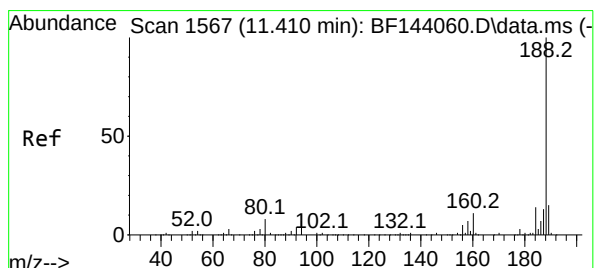
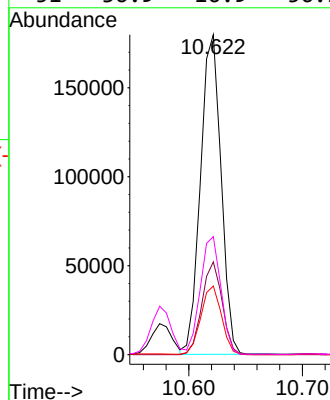
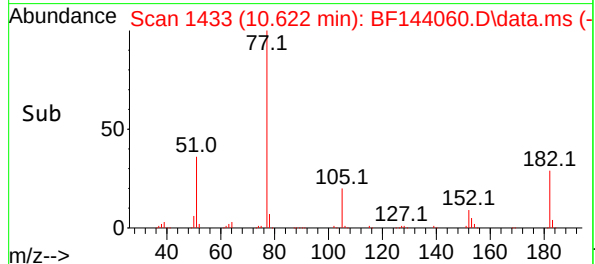
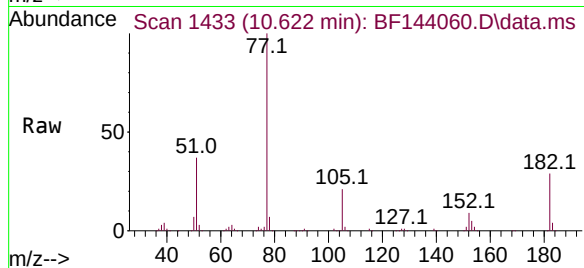




#63
Azobenzene
Concen: 42.381 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

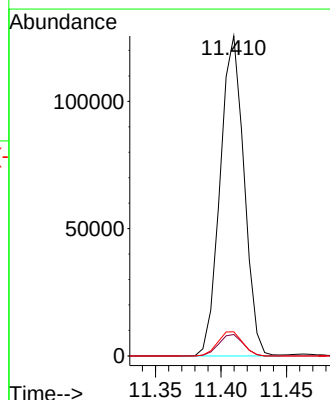
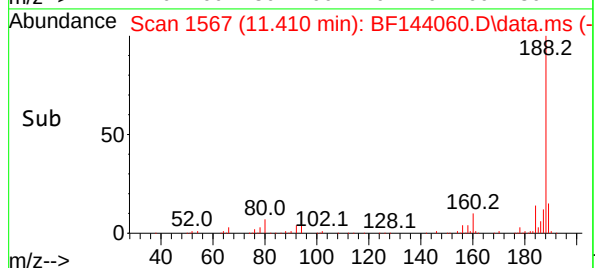
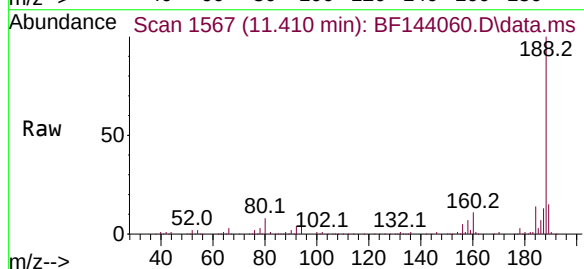
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

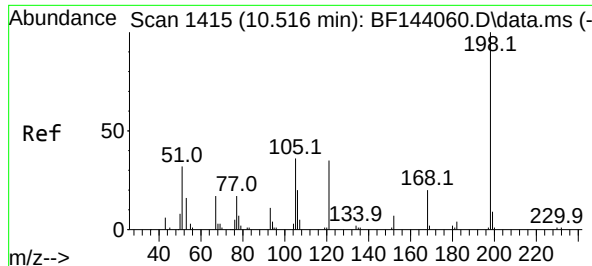
Tgt Ion:	77	Resp:	226383
Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	21.4	1.4	41.4
51	36.9	16.9	56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	188	Resp:	159613
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	7.5	6.0	9.0

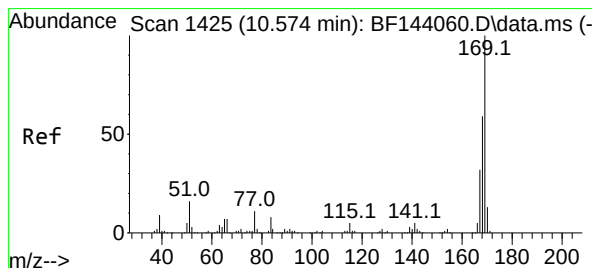
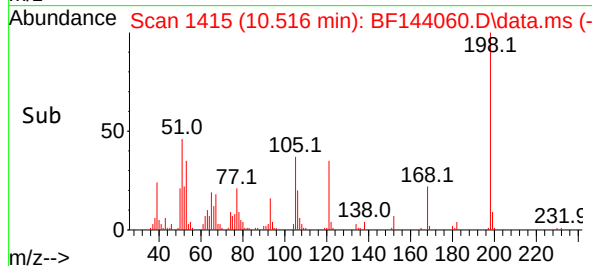
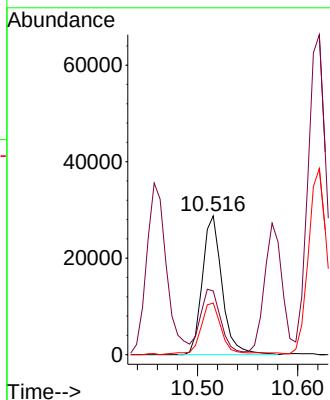
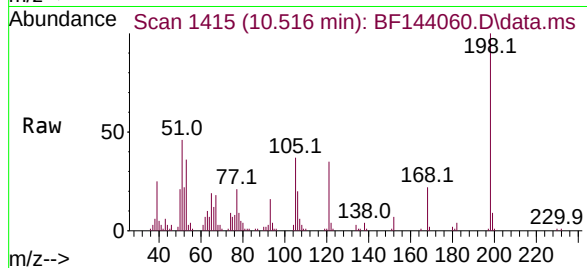




#65
4,6-Dinitro-2-methylphenol
Concen: 38.223 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

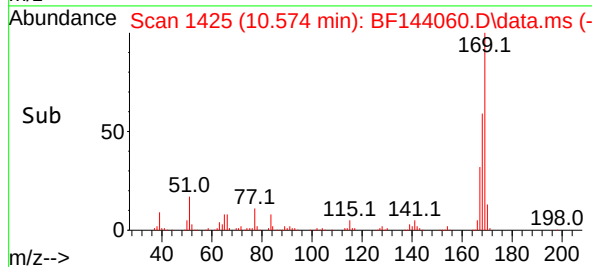
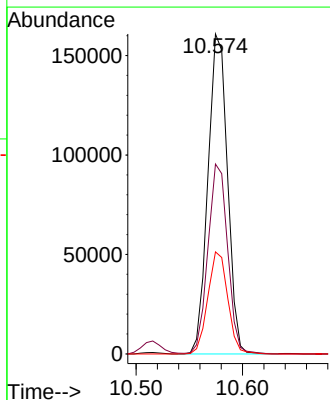
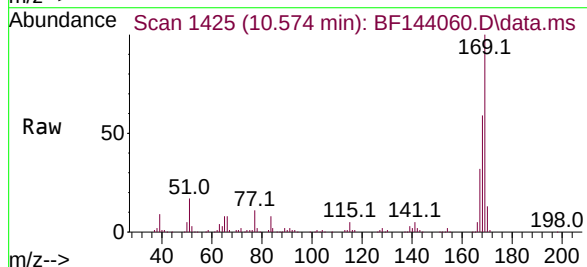
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

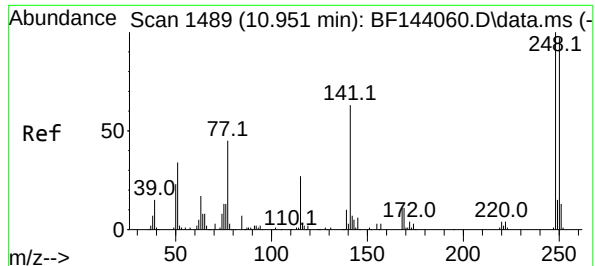
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	25.8	65.8
105	37.2	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 40.226 ng
RT: 10.574 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.3	47.4	71.2
167	31.9	25.5	38.3

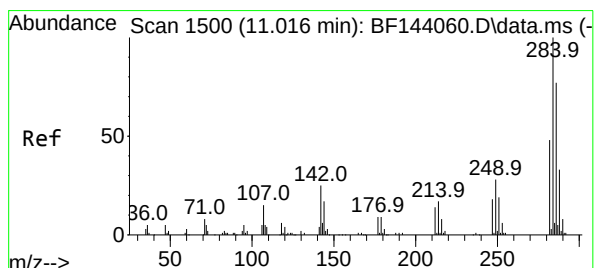
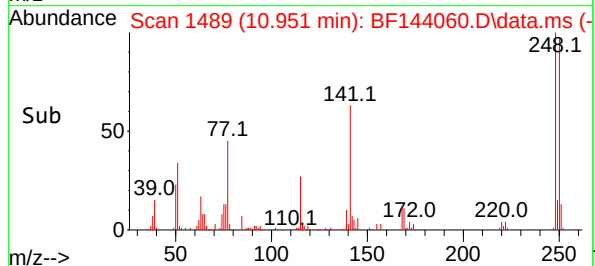
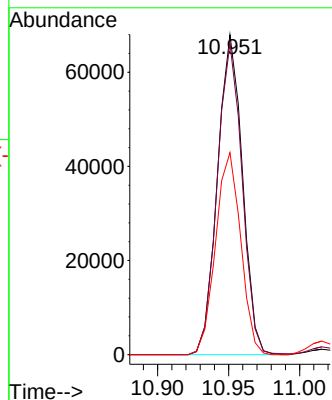
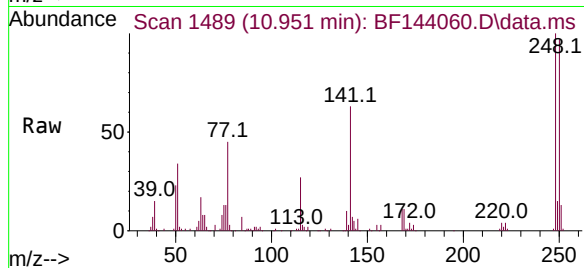




#67
4-Bromophenyl-phenylether
Concen: 41.585 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

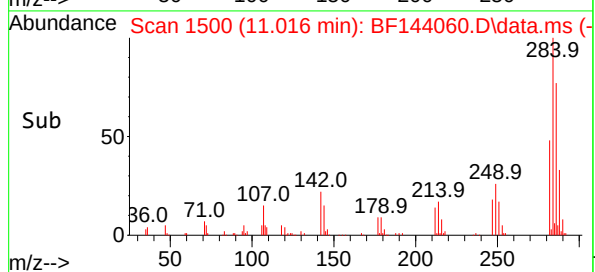
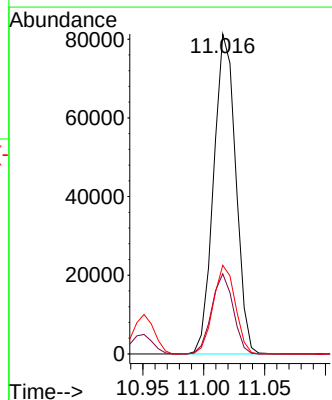
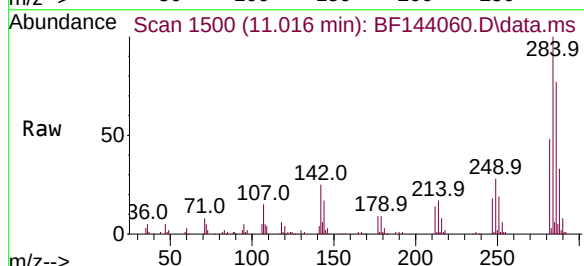
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

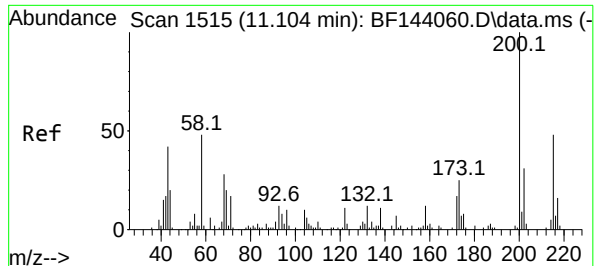
Tgt Ion:248 Resp: 83105
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 63.1 50.5 75.7



#68
Hexachlorobenzene
Concen: 41.869 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:284 Resp: 102619
Ion Ratio Lower Upper
284 100
142 25.0 20.0 30.0
249 27.7 22.2 33.2

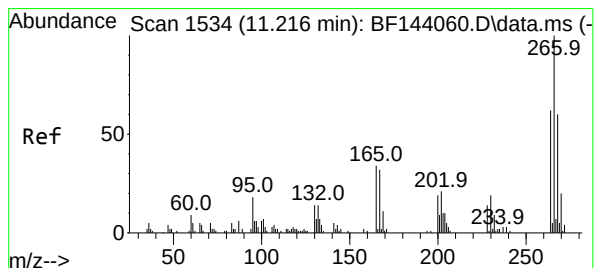
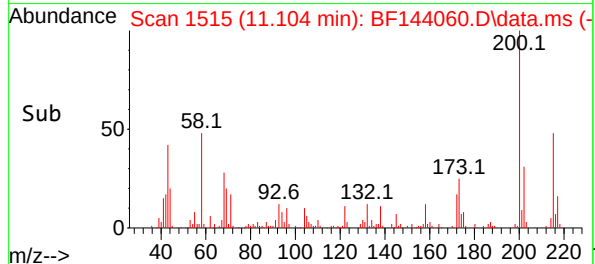
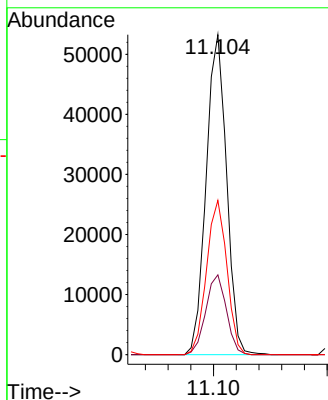
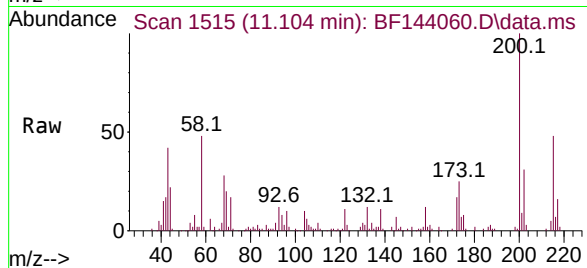




#69
Atrazine
Concen: 39.753 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

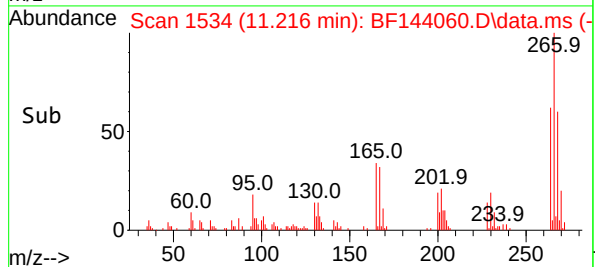
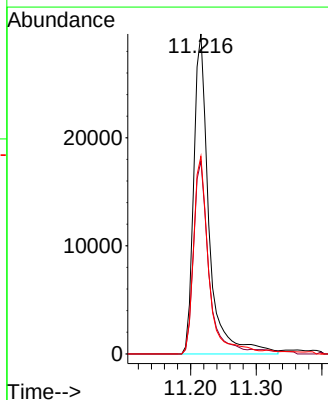
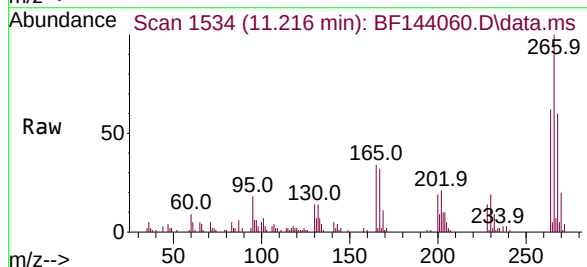
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

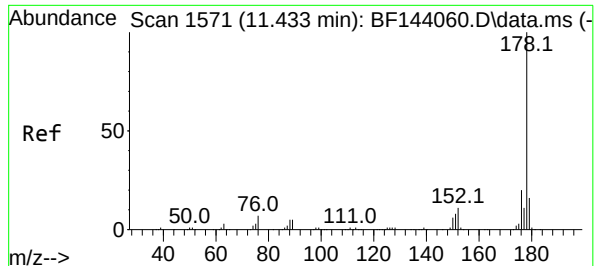
Tgt Ion:200 Resp: 66524
Ion Ratio Lower Upper
200 100
173 24.9 4.9 44.9
215 48.2 28.2 68.2



#70
Pentachlorophenol
Concen: 40.953 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:266 Resp: 47778
Ion Ratio Lower Upper
266 100
268 60.3 48.2 72.4
264 61.7 49.4 74.0

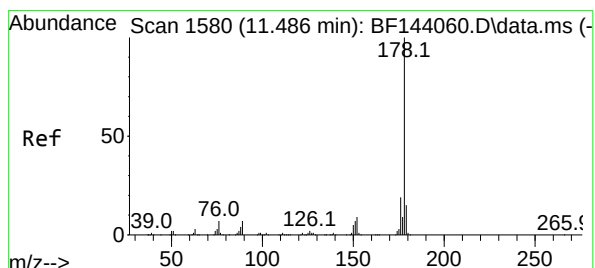
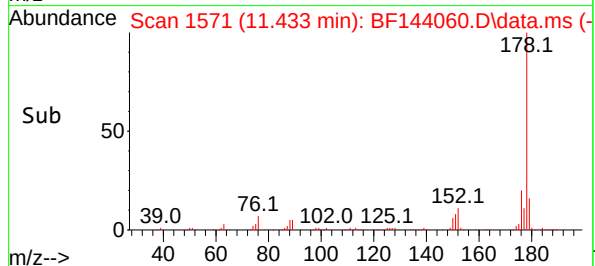
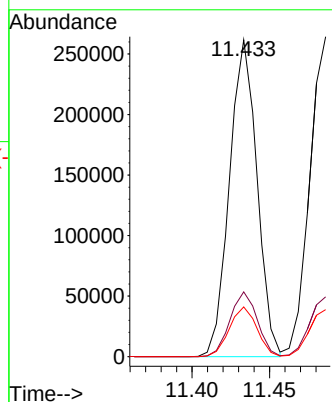
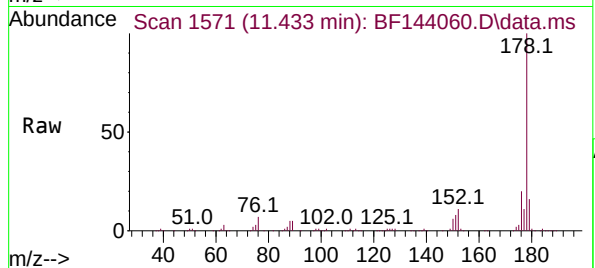




#71
Phenanthrene
Concen: 40.961 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

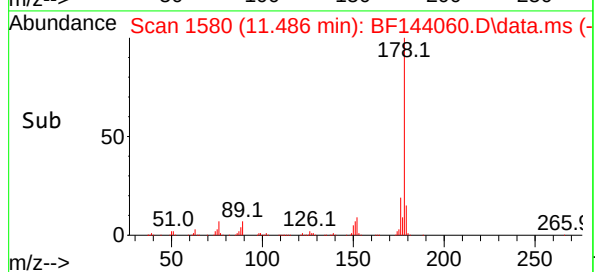
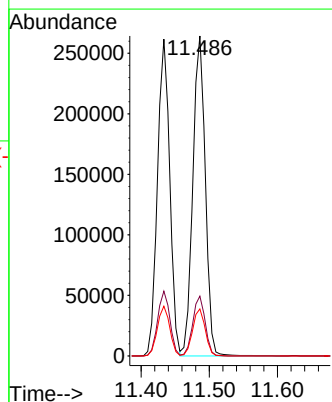
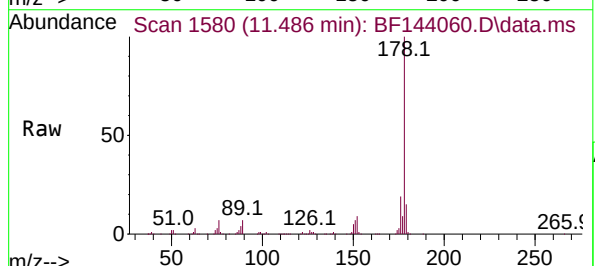
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

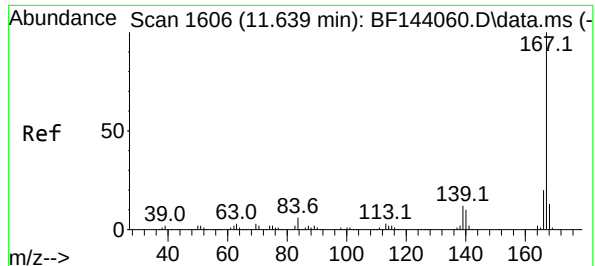
Tgt Ion:178 Resp: 324774
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 15.7 12.6 18.8



#72
Anthracene
Concen: 41.053 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

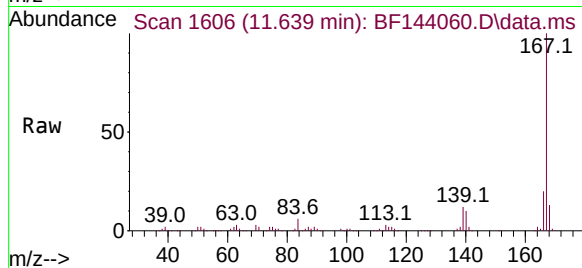
Tgt Ion:178 Resp: 336252
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 14.7 11.8 17.6



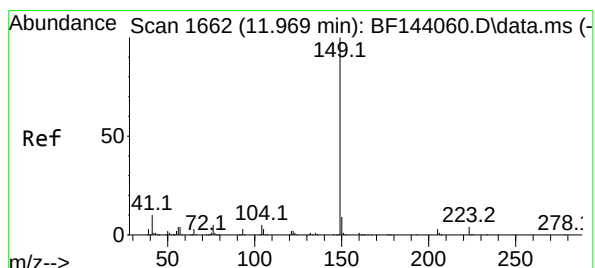
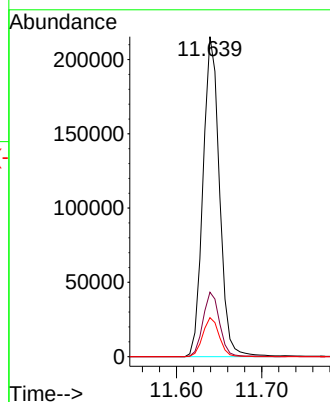
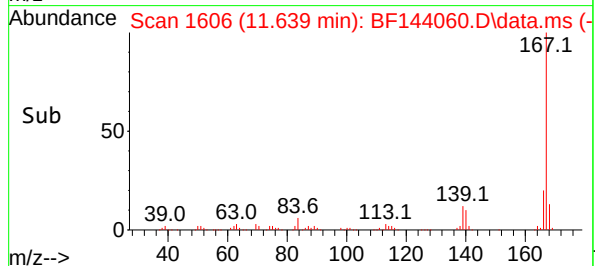


#73
Carbazole
Concen: 41.458 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

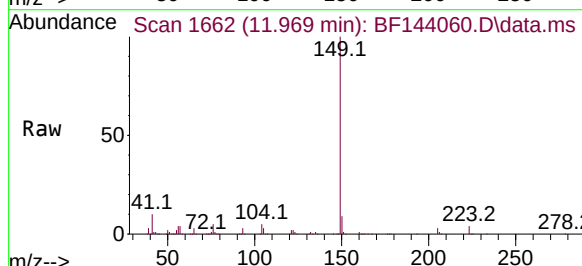
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



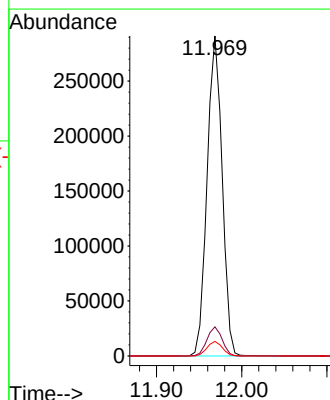
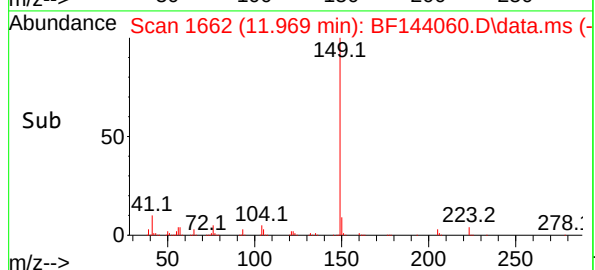
Tgt Ion:167 Resp: 289029
Ion Ratio Lower Upper
167 100
166 20.1 16.1 24.1
139 12.2 9.8 14.6

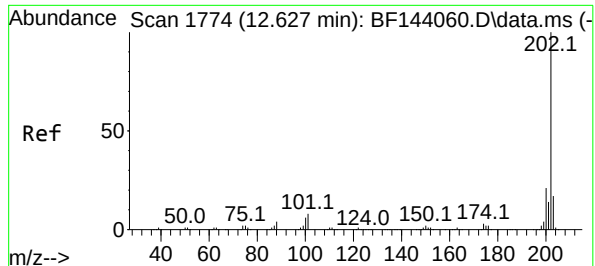


#74
Di-n-butylphthalate
Concen: 41.770 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05



Tgt Ion:149 Resp: 357025
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

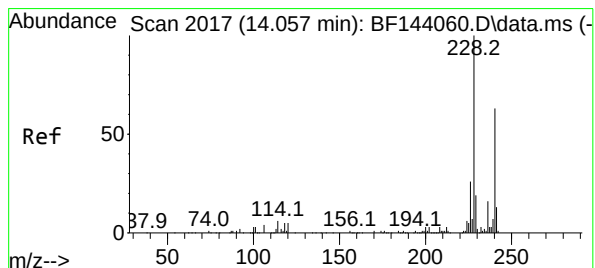
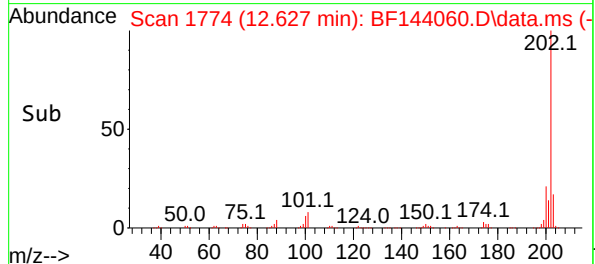
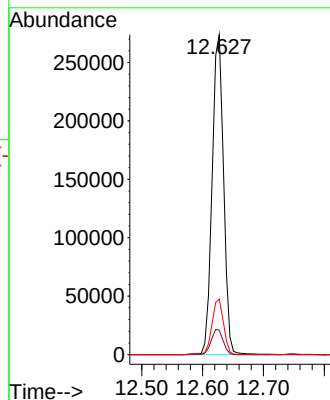
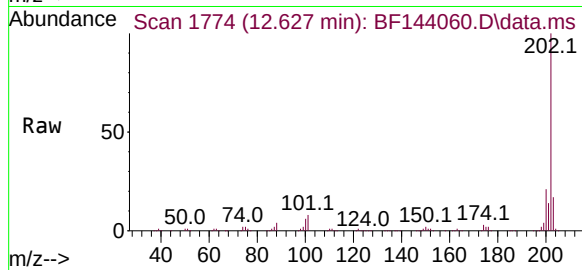




#75
Fluoranthene
Concen: 40.917 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

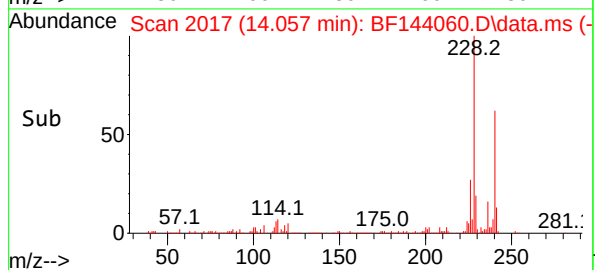
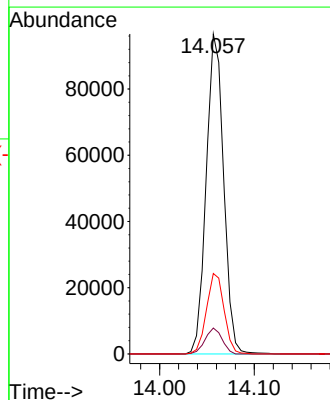
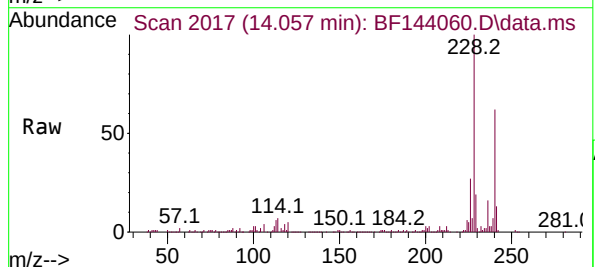
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

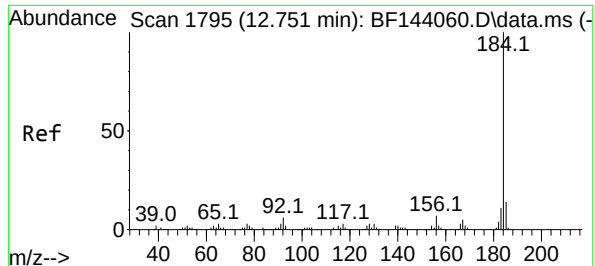
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.7
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.1	20.1	30.1





#77

Benzidine

Concen: 42.766 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

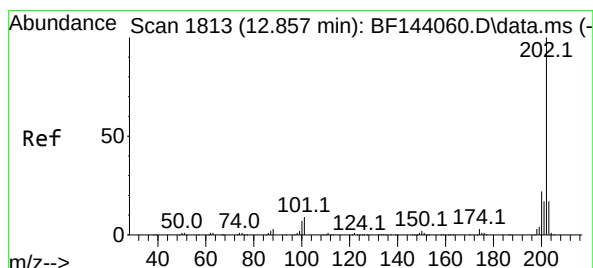
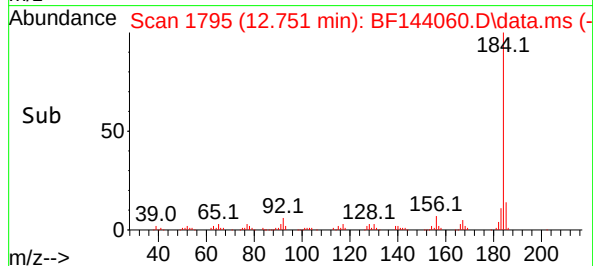
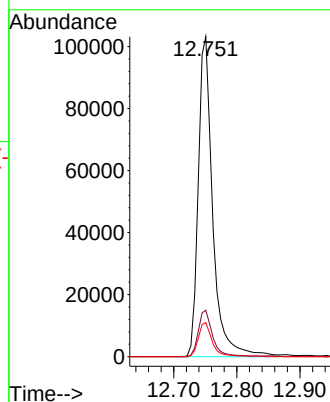
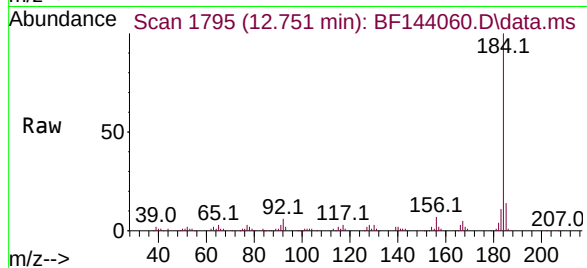
Tgt Ion:184 Resp: 164527

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 10.6 8.5 12.7



#78

Pyrene

Concen: 42.300 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

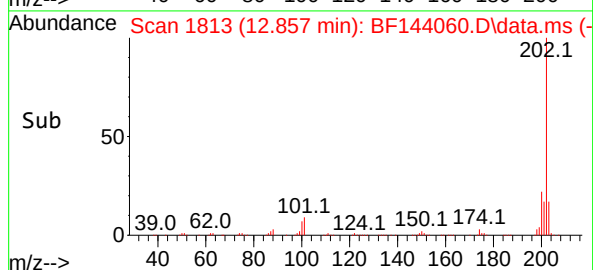
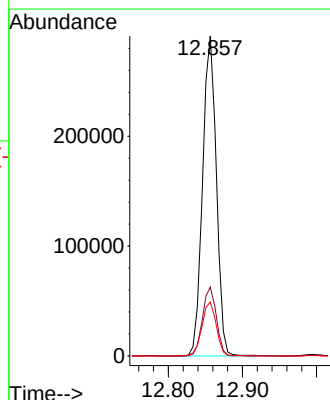
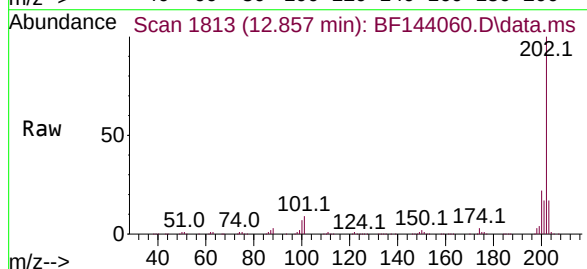
Tgt Ion:202 Resp: 375923

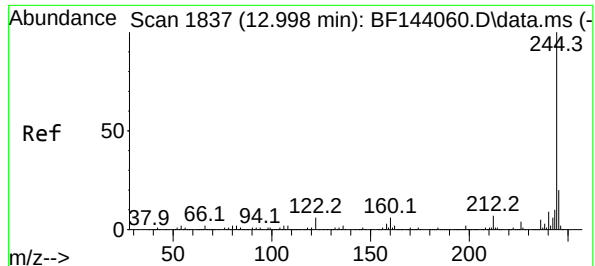
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 84.737 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

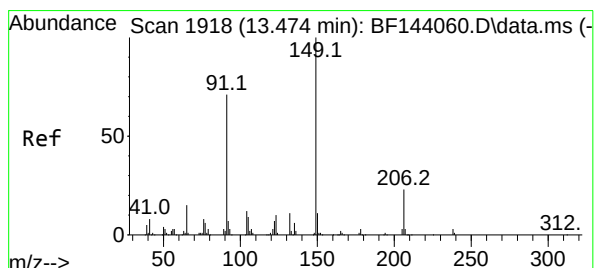
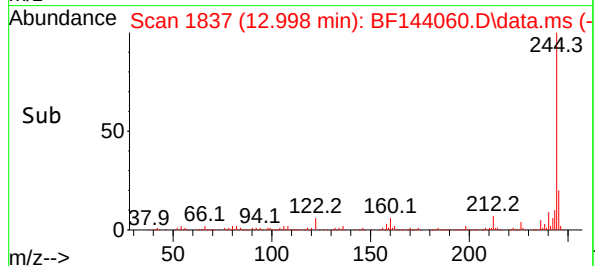
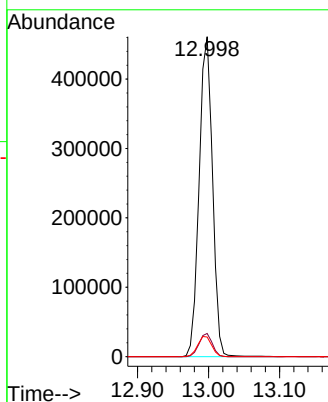
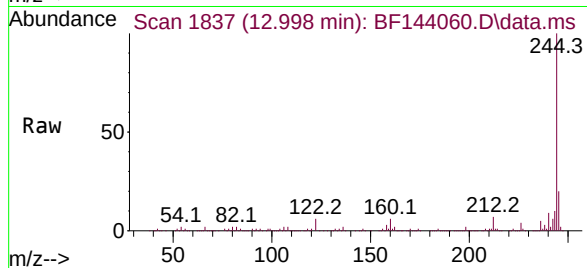
Tgt Ion:244 Resp: 599175

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 44.204 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

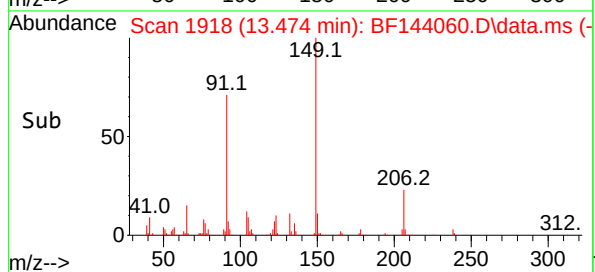
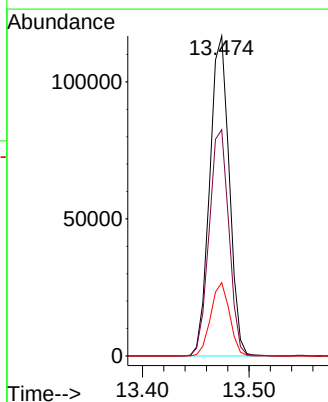
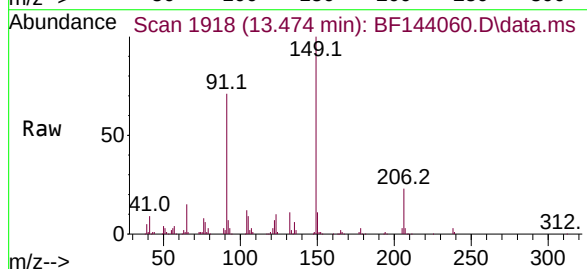
Tgt Ion:149 Resp: 148621

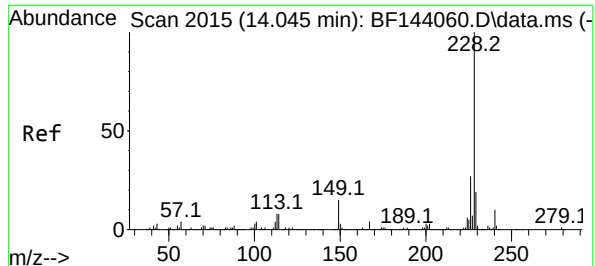
Ion Ratio Lower Upper

149 100

91 70.7 56.6 84.8

206 22.9 18.3 27.5

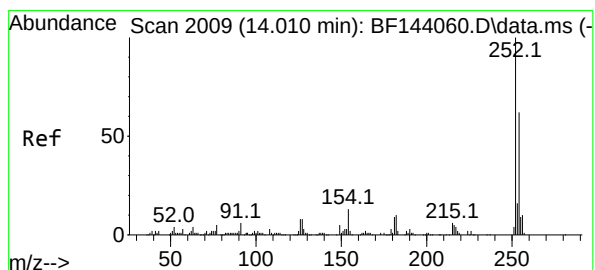
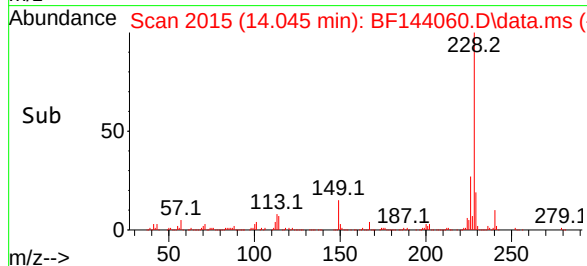
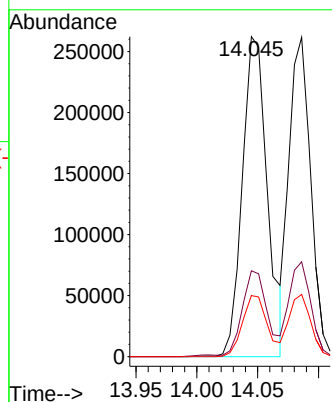
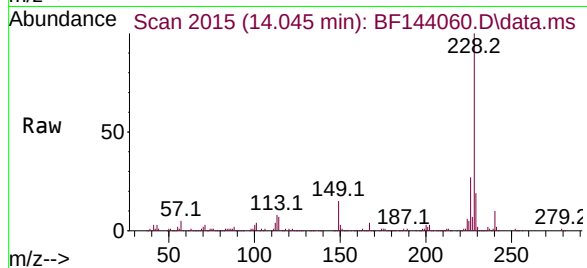




#81
Benzo(a)anthracene
Concen: 44.863 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

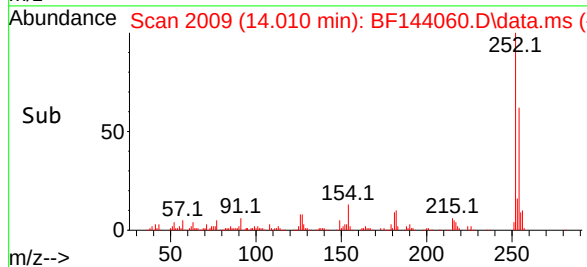
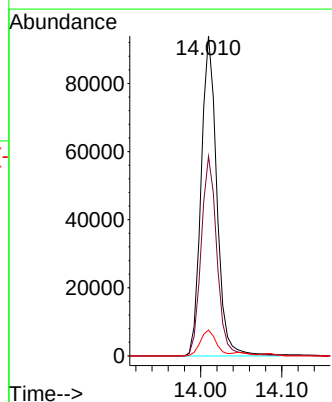
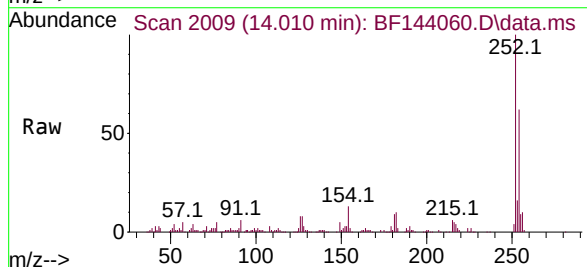
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

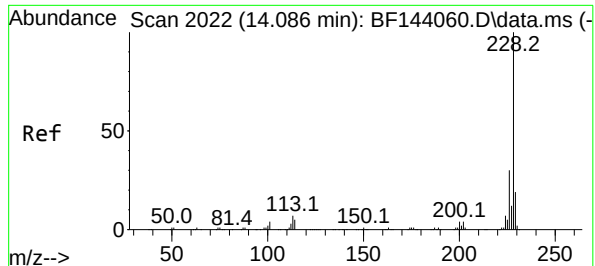
Tgt Ion:228 Resp: 374791
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.1 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 43.337 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

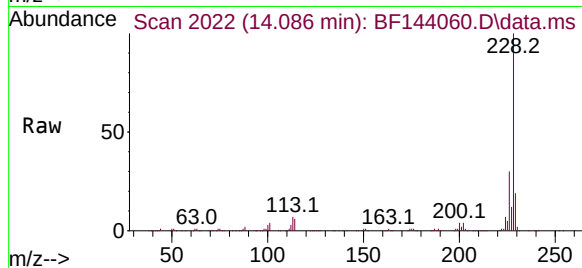
Tgt Ion:252 Resp: 126028
Ion Ratio Lower Upper
252 100
254 62.4 49.9 74.9
126 8.1 6.5 9.7



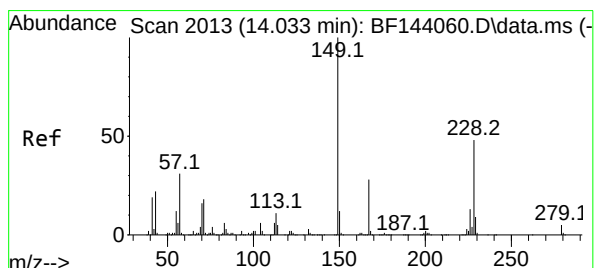
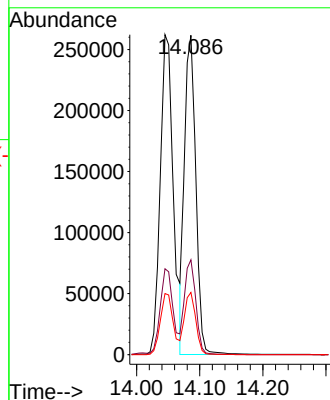
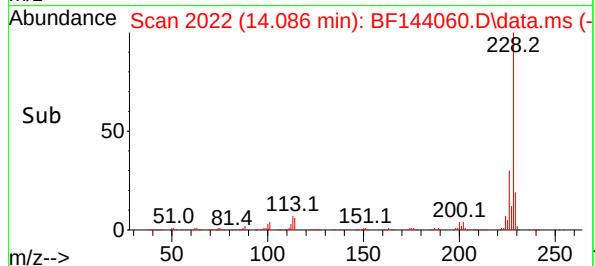


#83
Chrysene
Concen: 41.590 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

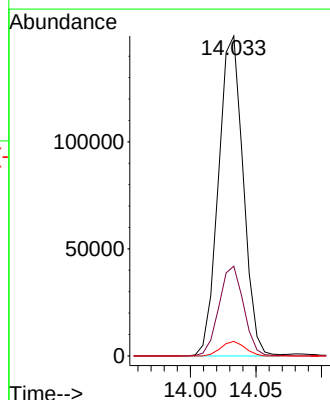
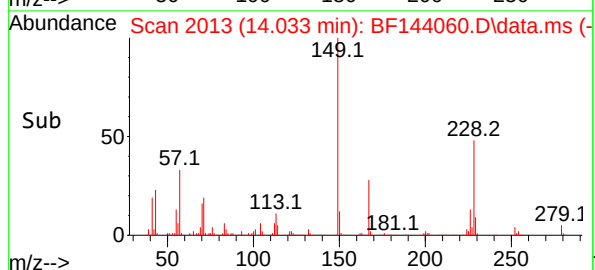
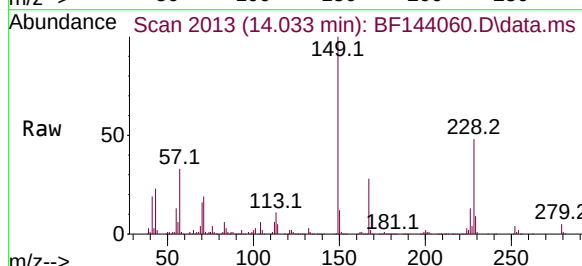


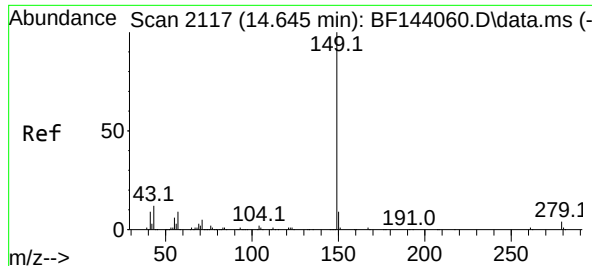
Tgt Ion:228 Resp: 326041
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.805 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:149 Resp: 196471
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.5 3.6 5.4

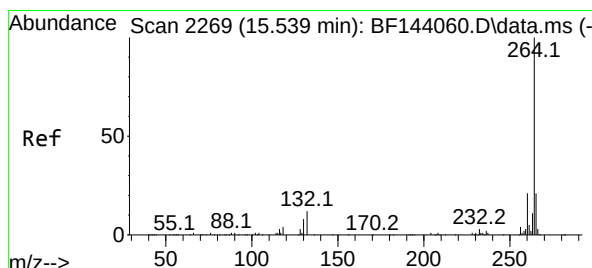
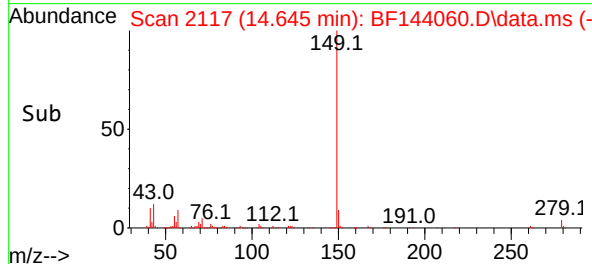
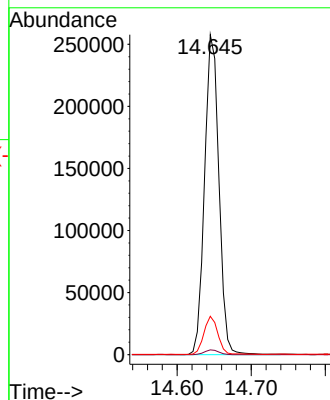
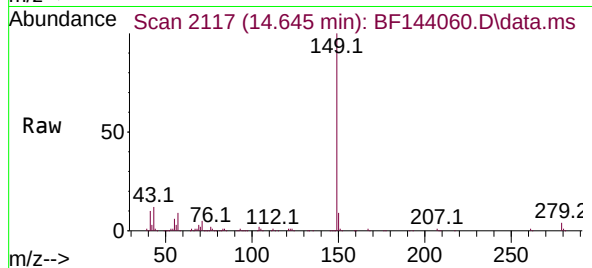




#85
Di-n-octyl phthalate
Concen: 43.804 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

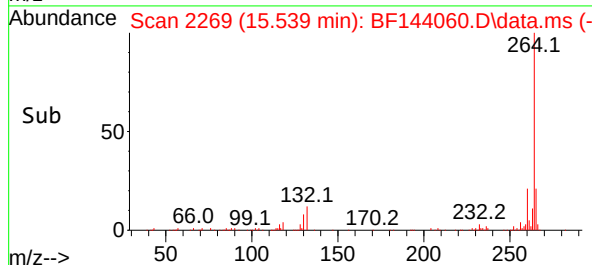
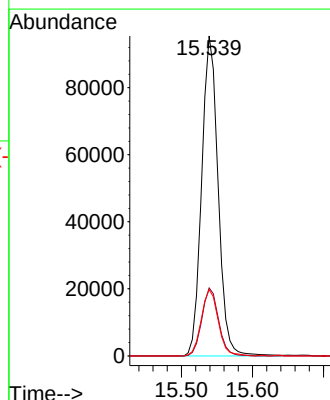
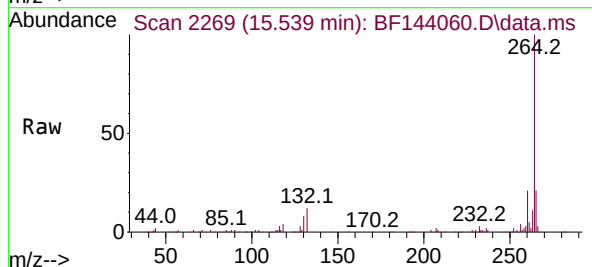
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

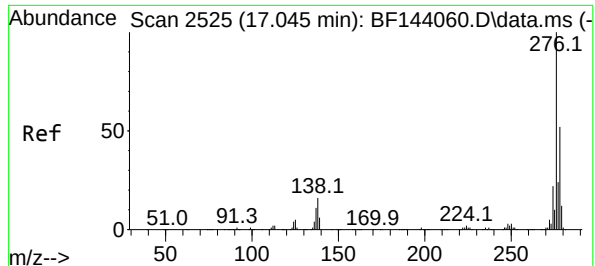
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.6	9.3	13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.0	25.4
265	20.7	16.6	24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.020 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

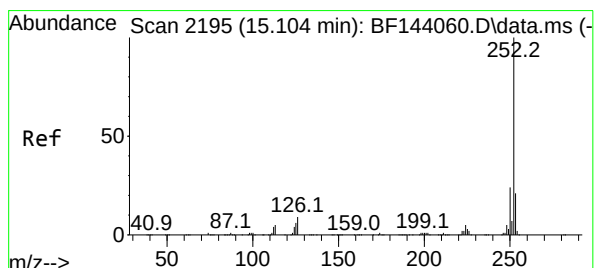
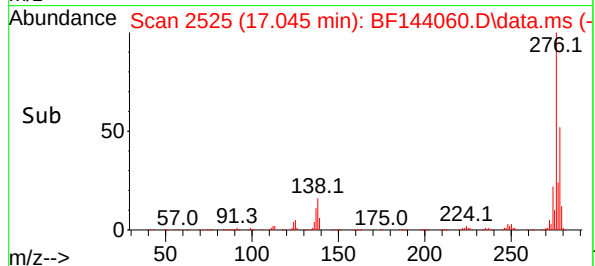
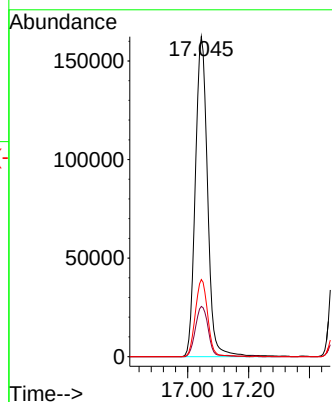
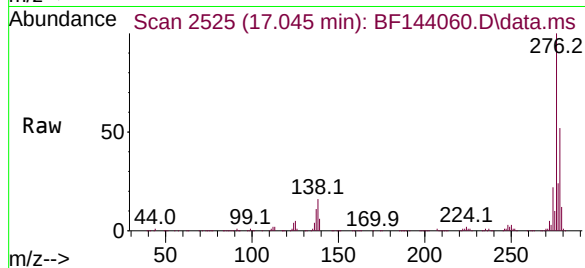
Tgt Ion:276 Resp: 451467

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 44.700 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

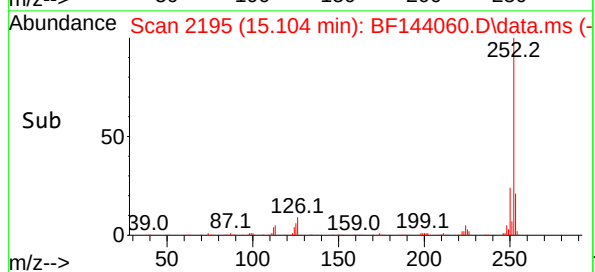
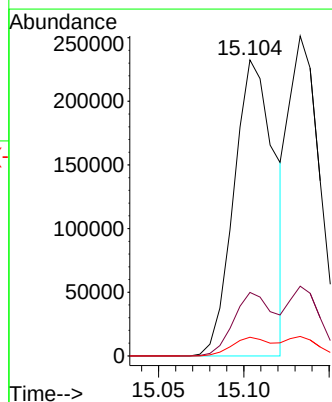
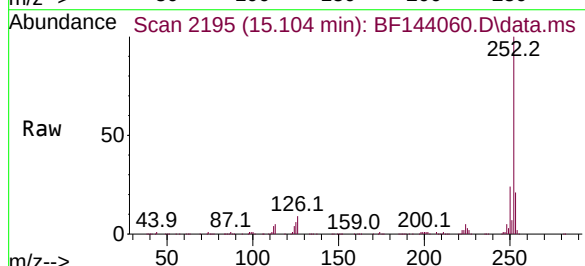
Tgt Ion:252 Resp: 386268

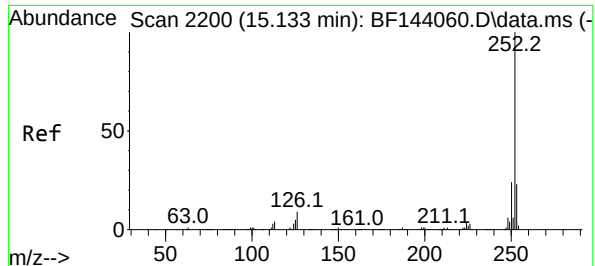
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.3 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 40.621 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

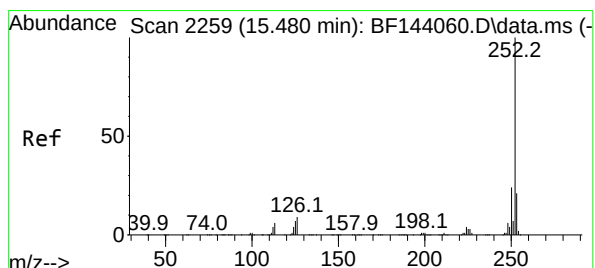
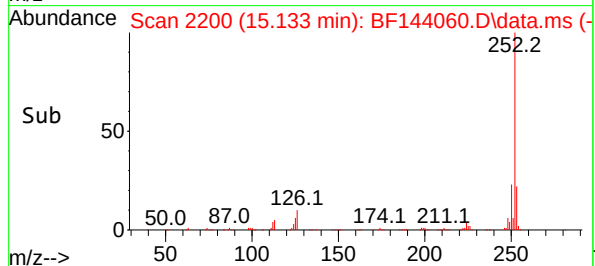
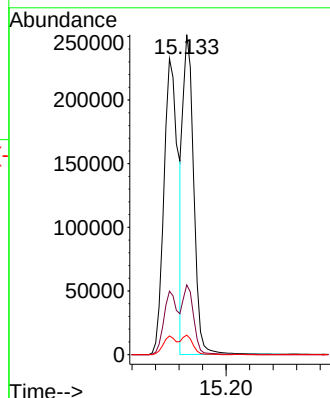
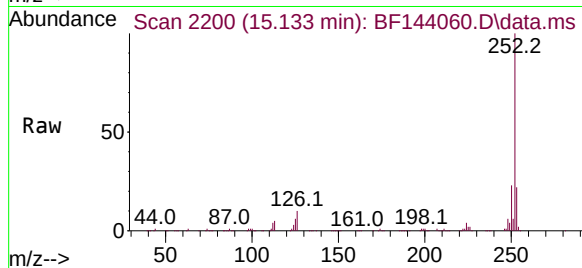
Tgt Ion:252 Resp: 323867

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.1 4.9 7.3



#90

Benzo(a)pyrene

Concen: 42.927 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

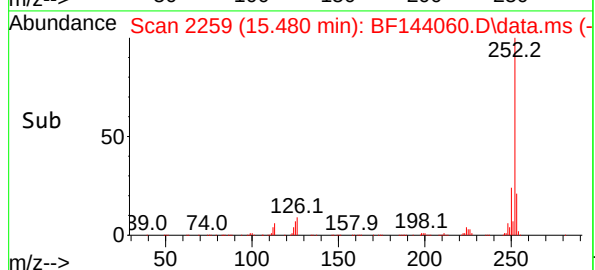
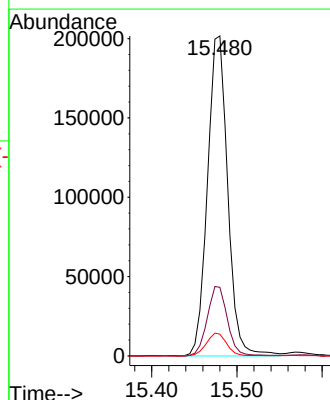
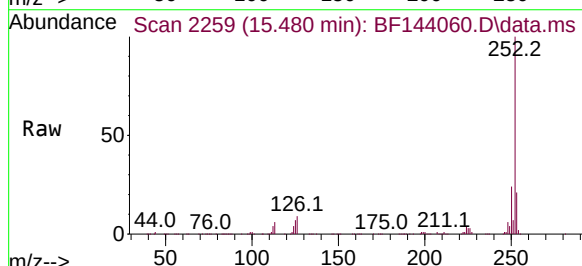
Tgt Ion:252 Resp: 332791

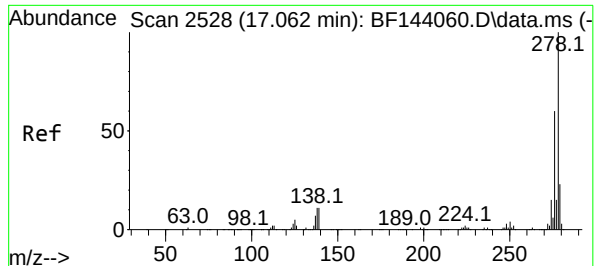
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.8 5.4 8.2

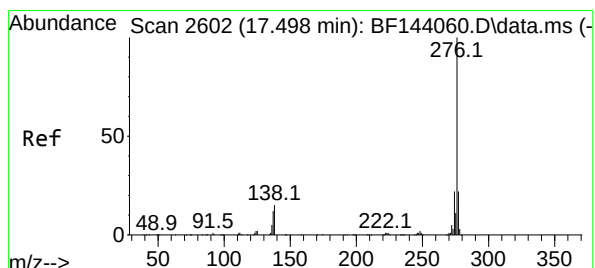
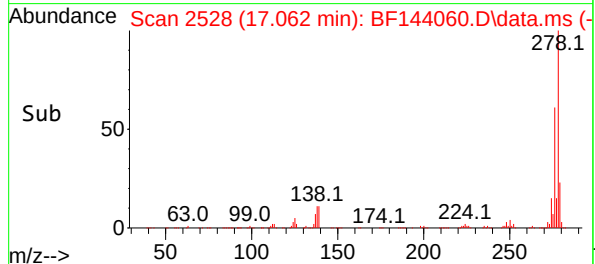
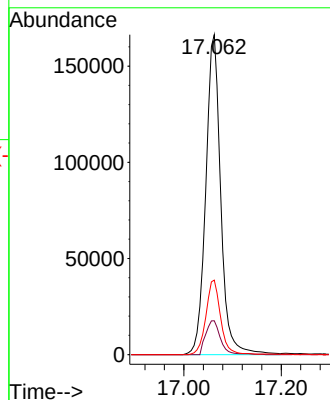
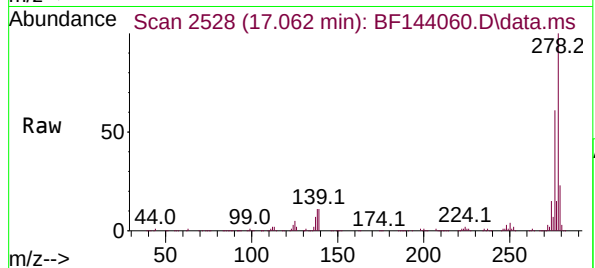




#91
Dibenzo(a,h)anthracene
Concen: 42.914 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

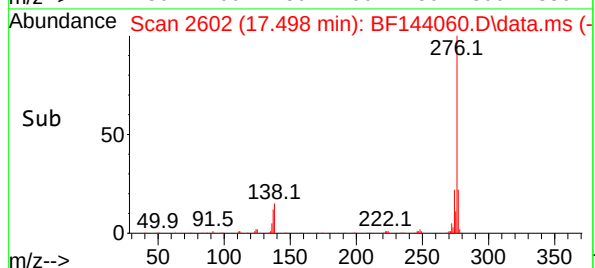
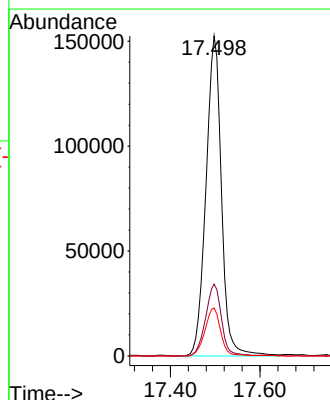
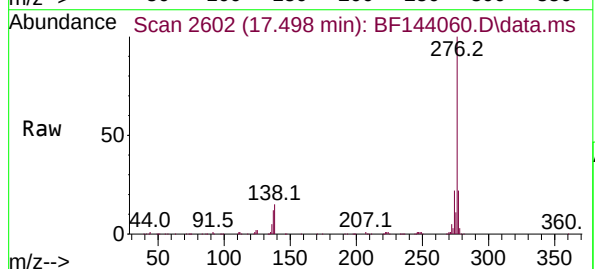
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 356487
Ion Ratio Lower Upper
278 100
139 10.6 8.5 12.7
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.758 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:276 Resp: 365458
Ion Ratio Lower Upper
276 100
277 22.4 17.9 26.9
138 15.0 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144061.D
 Acq On : 24 Oct 2025 13:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 24 17:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	187852	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	95790	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163068	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133555	20.000	ng	0.00
86) Perylene-d12	15.539	264	170761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	303472	91.982	ng	0.00
7) Phenol-d6	6.504	99	336307	92.298	ng	0.00
23) Nitrobenzene-d5	7.445	82	314744	91.795	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	115501	94.659	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	618497	90.861	ng	0.00
79) Terphenyl-d14	12.998	244	669013	87.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	67694	47.481	ng	99
3) Pyridine	3.399	79	186251	48.798	ng	99
4) n-Nitrosodimethylamine	3.346	42	108941	46.451	ng	96
6) Aniline	6.545	93	236051	45.283	ng	97
8) 2-Chlorophenol	6.663	128	146647	45.134	ng	100
9) Benzaldehyde	6.434	77	125111	44.224	ng	99
10) Phenol	6.522	94	205466	45.707	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	147198	45.316	ng	100
12) 1,3-Dichlorobenzene	6.822	146	184614	46.062	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178849	45.279	ng	99
14) 1,2-Dichlorobenzene	7.051	146	176825	46.267	ng	98
15) Benzyl Alcohol	7.022	79	137745	46.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	280440	45.937	ng	100
17) 2-Methylphenol	7.128	107	114018	45.627	ng	96
18) Hexachloroethane	7.392	117	66036	46.762	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	104565	44.378	ng	99
20) 3+4-Methylphenols	7.281	107	135141	45.746	ng	96
22) Acetophenone	7.287	105	186463	45.930	ng	99
24) Nitrobenzene	7.463	77	169181	46.643	ng	97
25) Isophorone	7.698	82	274478	45.788	ng	99
26) 2-Nitrophenol	7.781	139	78217	45.330	ng	96
27) 2,4-Dimethylphenol	7.810	122	119169	46.475	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	171275	45.816	ng	99
29) 2,4-Dichlorophenol	8.016	162	137586	46.140	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	141259	46.047	ng	100
31) Naphthalene	8.187	128	400308	45.150	ng	99
32) Benzoic acid	7.922	122	68843	42.326	ng	90
33) 4-Chloroaniline	8.234	127	139897	45.326	ng	99
34) Hexachlorobutadiene	8.298	225	113173	45.117	ng	99
35) Caprolactam	8.598	113	33776	45.169	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	120661	45.853	ng	96
37) 2-Methylnaphthalene	8.875	142	257754	44.094	ng	95
38) 1-Methylnaphthalene	8.975	142	245890	44.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150659	45.764	ng	99
41) Hexachlorocyclopentadiene	9.028	237	49167	48.354	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	102347	47.829	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144061.D
 Acq On : 24 Oct 2025 13:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 24 17:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102322	45.562	ng	99
46) 1,1'-Biphenyl	9.339	154	315397	45.996	ng	99
47) 2-Chloronaphthalene	9.363	162	263764	45.914	ng	98
48) 2-Nitroaniline	9.463	65	79650	46.691	ng	93
49) Acenaphthylene	9.781	152	353529	45.641	ng	100
50) Dimethylphthalate	9.633	163	291936	46.495	ng	99
51) 2,6-Dinitrotoluene	9.698	165	60313	48.590	ng	98
52) Acenaphthene	9.951	154	239254	46.250	ng	98
53) 3-Nitroaniline	9.869	138	67246	48.727	ng	98
54) 2,4-Dinitrophenol	9.981	184	27746	41.328	ng	95
55) Dibenzofuran	10.122	168	333154	46.390	ng	100
56) 4-Nitrophenol	10.028	139	41829	44.760	ng	98
57) 2,4-Dinitrotoluene	10.104	165	80539	48.075	ng	96
58) Fluorene	10.469	166	249298	45.558	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77175	48.766	ng	# 97
60) Diethylphthalate	10.339	149	274281	46.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	141601	46.015	ng	96
62) 4-Nitroaniline	10.486	138	62266	47.618	ng	99
63) Azobenzene	10.622	77	264030	47.243	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	46938	44.864	ng	95
66) n-Nitrosodiphenylamine	10.575	169	240557	46.171	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	93911	45.996	ng	98
68) Hexachlorobenzene	11.016	284	111943	44.706	ng	96
69) Atrazine	11.104	200	75502	44.162	ng	98
70) Pentachlorophenol	11.216	266	58380	48.981	ng	98
71) Phenanthrene	11.433	178	374285	46.205	ng	99
72) Anthracene	11.486	178	380096	45.423	ng	99
73) Carbazole	11.639	167	333654	46.845	ng	98
74) Di-n-butylphthalate	11.969	149	408630	46.795	ng	99
75) Fluoranthene	12.627	202	406402	45.411	ng	99
77) Benzidine	12.751	184	171303	41.214	ng	99
78) Pyrene	12.857	202	432441	45.038	ng	99
80) Butylbenzylphthalate	13.474	149	164976	45.417	ng	99
81) Benzo(a)anthracene	14.045	228	402629	44.609	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	134912	42.940	ng	95
83) Chrysene	14.086	228	393508	46.461	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	230343	46.450	ng	96
85) Di-n-octyl phthalate	14.645	149	393623	46.156	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	552781	47.151	ng	100
88) Benzo(b)fluoranthene	15.104	252	450302	46.646	ng	98
89) Benzo(k)fluoranthene	15.133	252	386955	43.445	ng	99
90) Benzo(a)pyrene	15.480	252	402167	46.436	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	437275	47.119	ng	100
92) Benzo(g,h,i)perylene	17.504	276	436689	46.804	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Abundance

TIC: BF144061.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine

2-Fluorophenol,S

Phenol

2-Nitrophenol

2-Chlorophenol

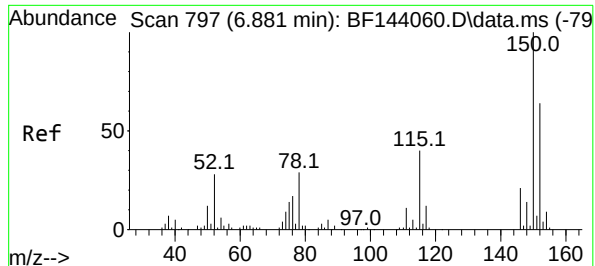
2-Nitroaniline

2-Fluorobiphenyl,S

4-Chlorophenylphthalate

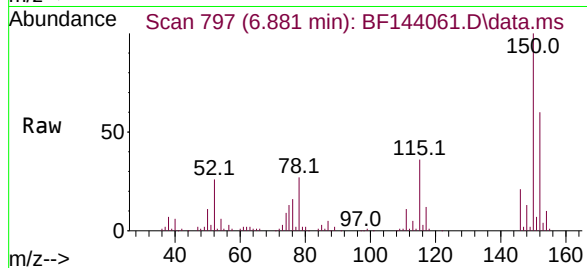
Terphenyl-d14,S

Indene(1,2,3-cd)anthracene

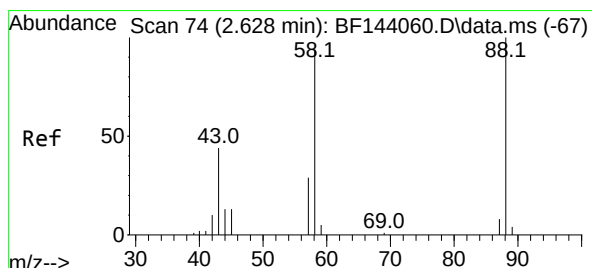
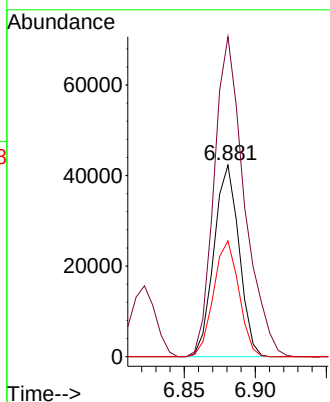
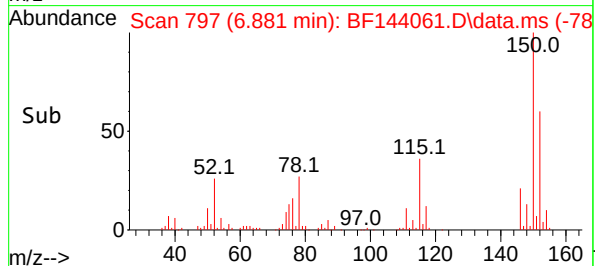


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

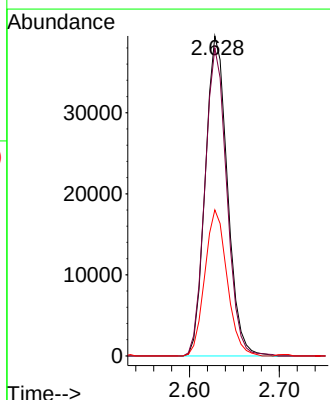
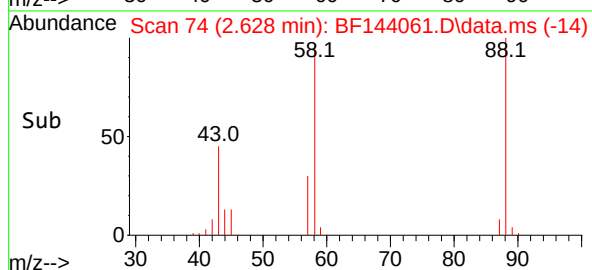
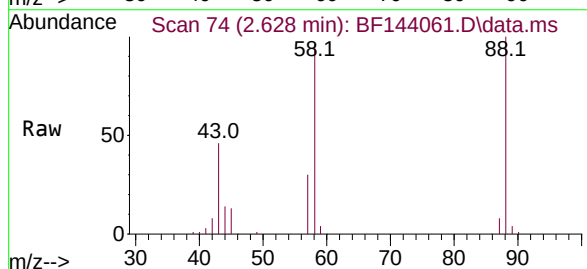


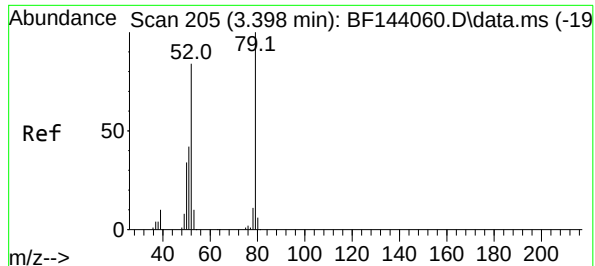
Tgt Ion:152 Resp: 52198
Ion Ratio Lower Upper
152 100
150 167.1 124.4 186.6
115 60.5 49.4 74.0



#2
1,4-Dioxane
Concen: 47.481 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 88 Resp: 67694
Ion Ratio Lower Upper
88 100
58 95.6 76.5 114.7
43 46.0 35.3 52.9





#3

Pyridine

Concen: 48.798 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

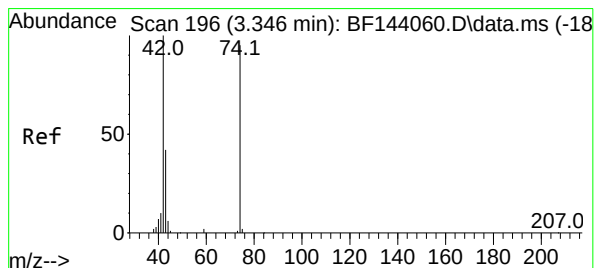
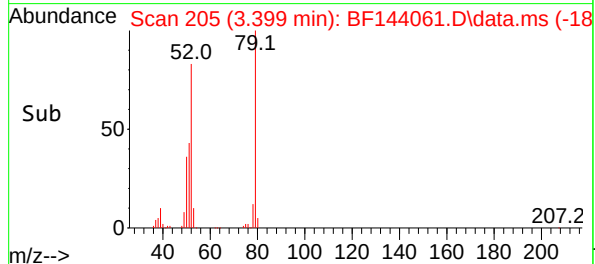
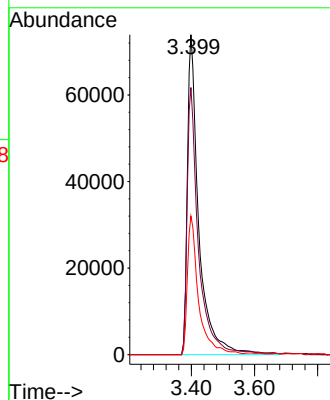
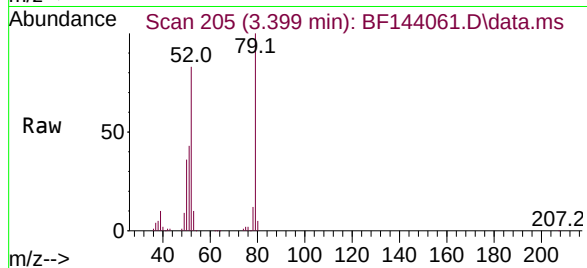
Tgt Ion: 79 Resp: 186251

Ion Ratio Lower Upper

79 100

52 83.5 67.5 101.3

51 43.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 46.451 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

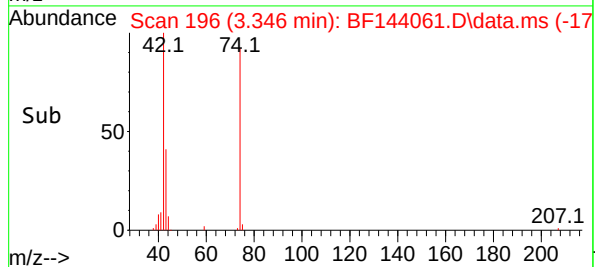
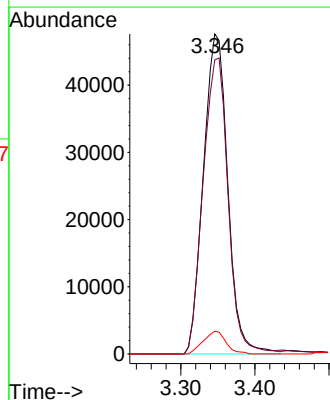
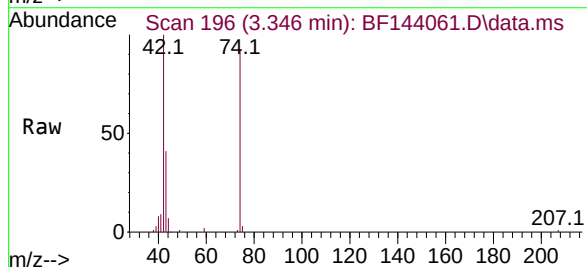
Tgt Ion: 42 Resp: 108941

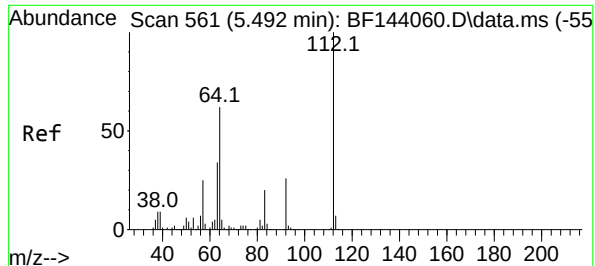
Ion Ratio Lower Upper

42 100

74 91.9 76.4 114.6

44 7.1 5.2 7.8

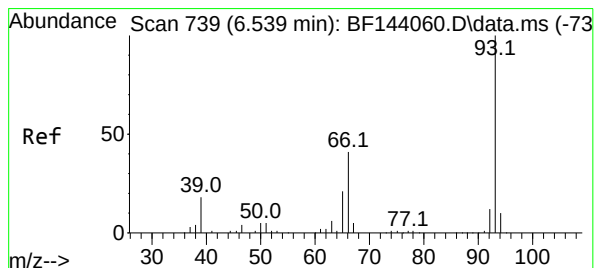
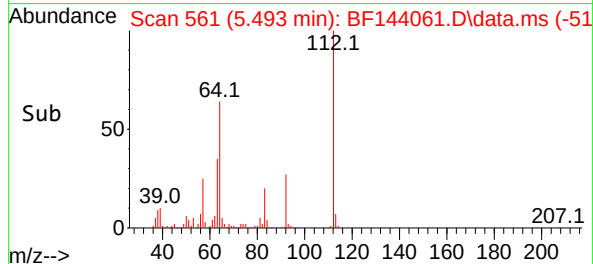
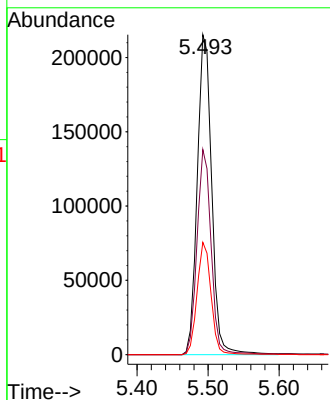
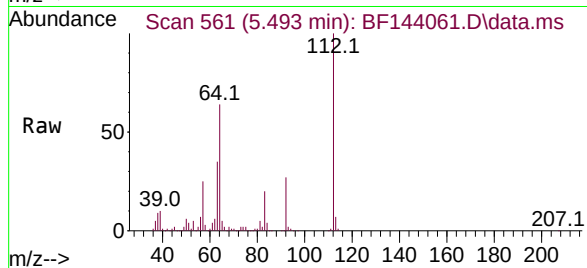




#5
2-Fluorophenol
Concen: 91.982 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

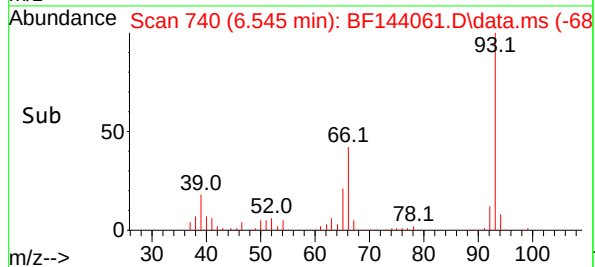
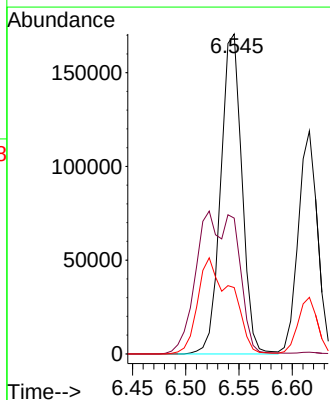
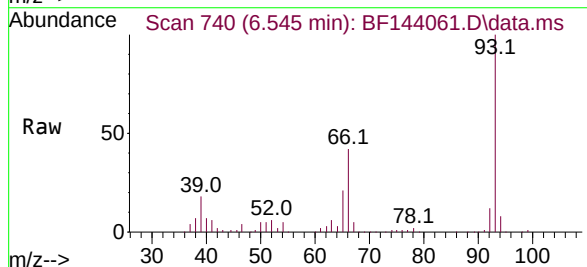
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

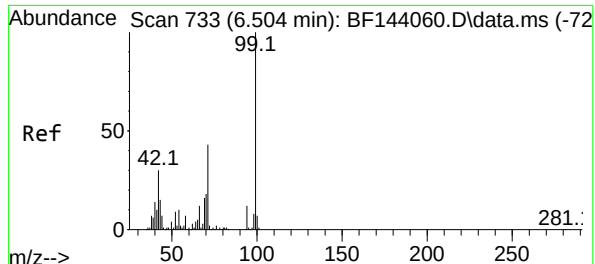
Tgt Ion:112 Resp: 303472
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.8
63 35.1 27.4 41.2



#6
Aniline
Concen: 45.283 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 93 Resp: 236051
Ion Ratio Lower Upper
93 100
66 42.4 35.7 53.5
65 20.7 17.0 25.6

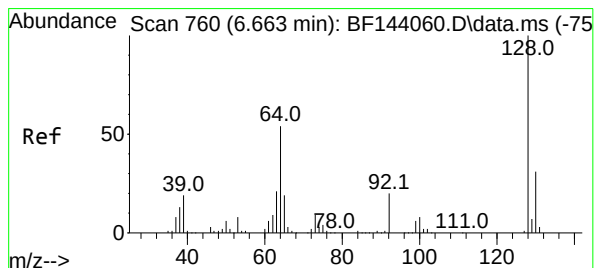
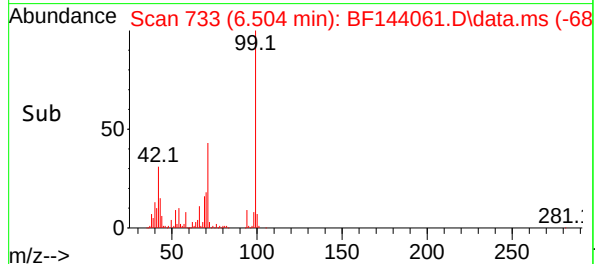
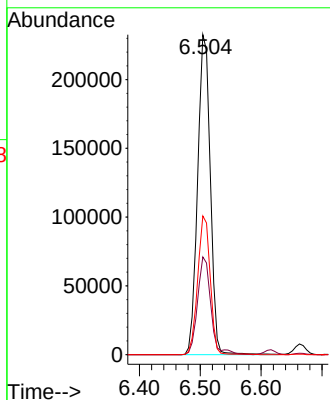
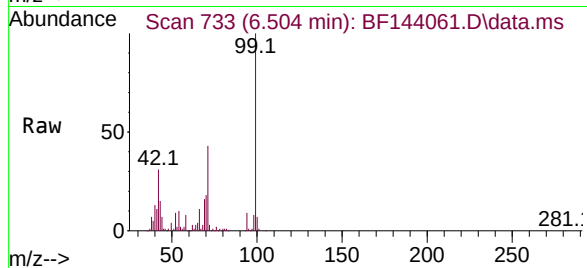




#7
Phenol-d6
Concen: 92.298 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

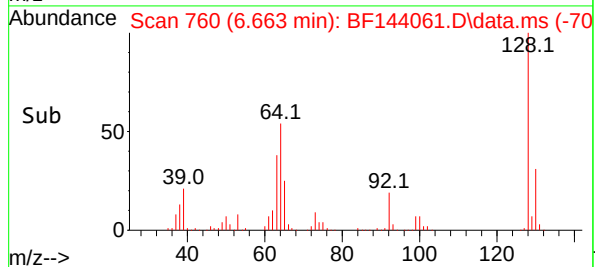
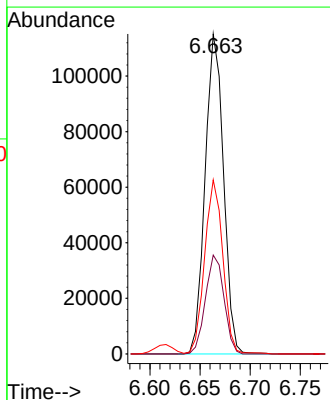
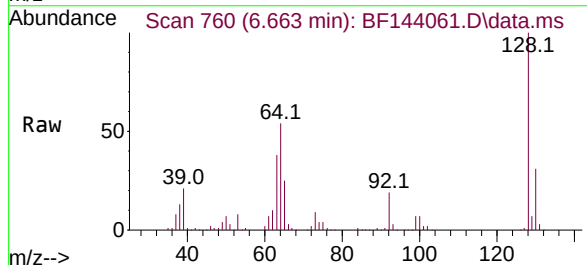
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

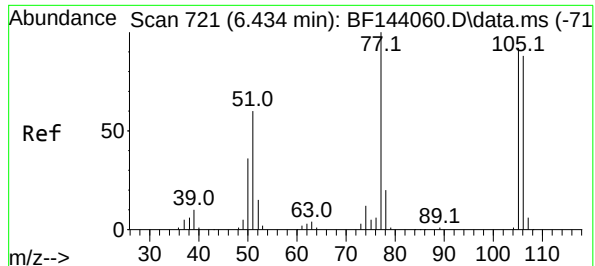
Tgt Ion: 99 Resp: 336307
Ion Ratio Lower Upper
99 100
42 30.5 23.9 35.9
71 43.3 34.4 51.6



#8
2-Chlorophenol
Concen: 45.134 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 128 Resp: 146647
Ion Ratio Lower Upper
128 100
130 30.9 10.7 50.7
64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 44.224 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

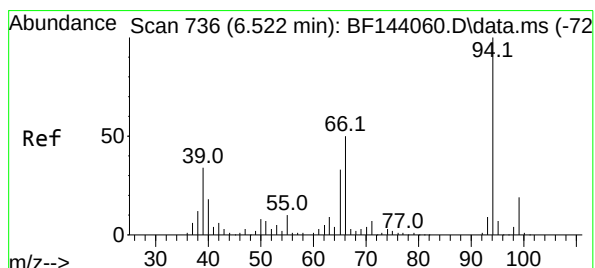
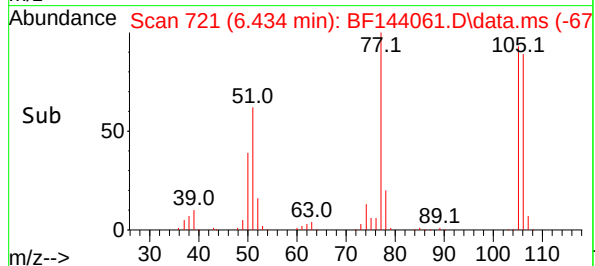
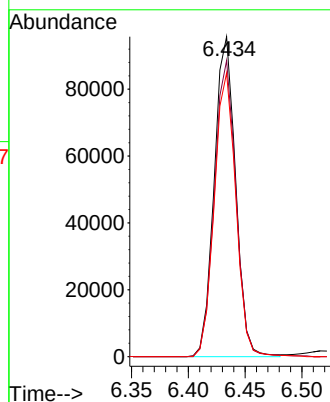
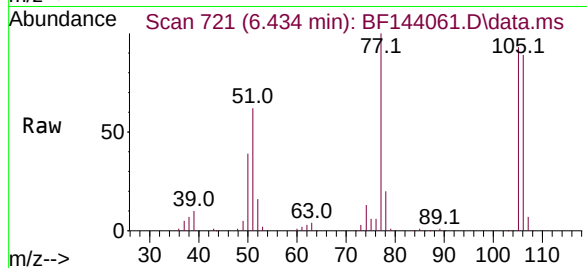
Tgt Ion: 77 Resp: 125111

Ion Ratio Lower Upper

77 100

105 92.5 72.2 112.2

106 88.6 67.9 107.9



#10

Phenol

Concen: 45.707 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

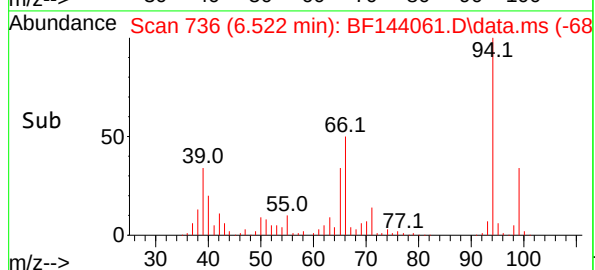
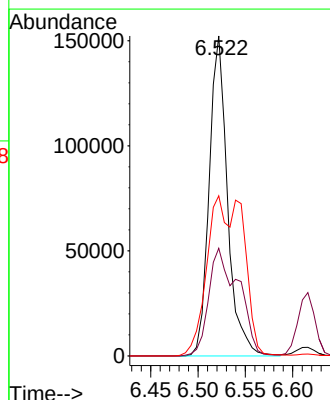
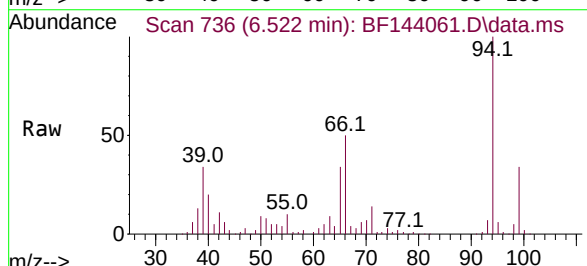
Tgt Ion: 94 Resp: 205466

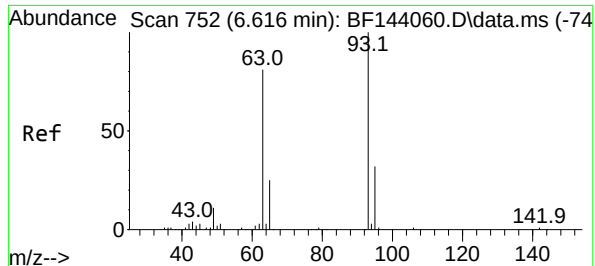
Ion Ratio Lower Upper

94 100

65 33.6 13.1 53.1

66 50.0 30.6 70.6

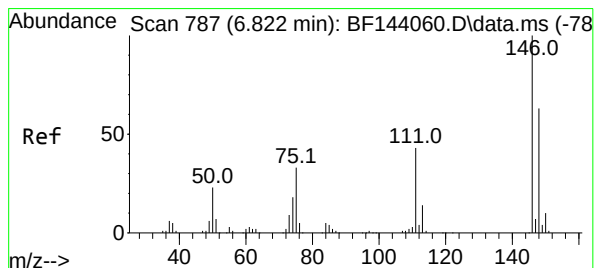
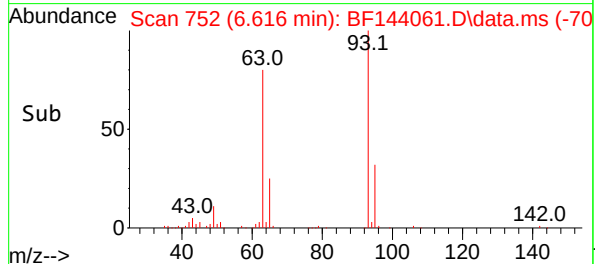
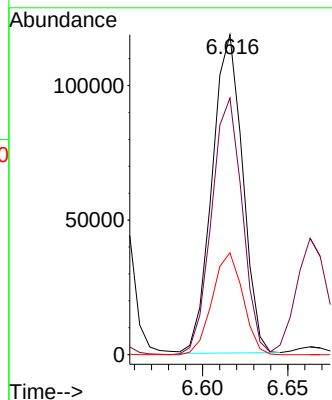
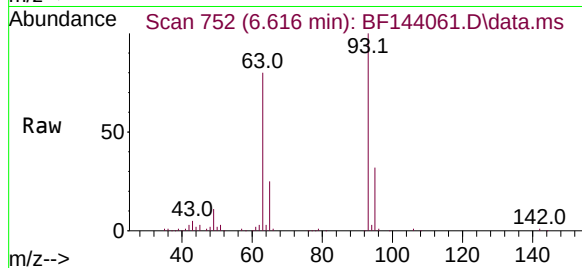




#11
bis(2-Chloroethyl)ether
Concen: 45.316 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

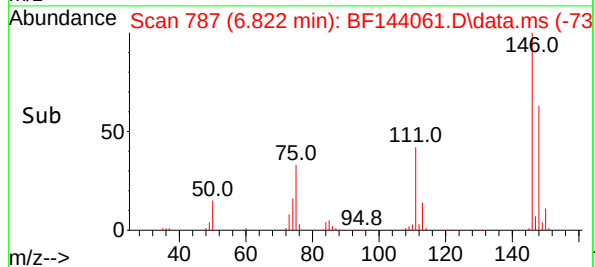
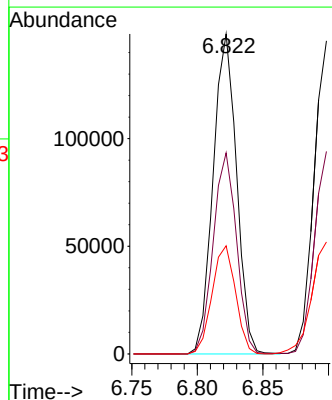
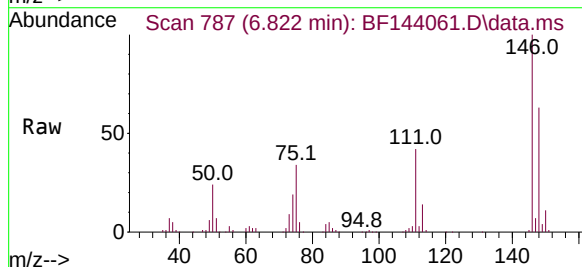
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

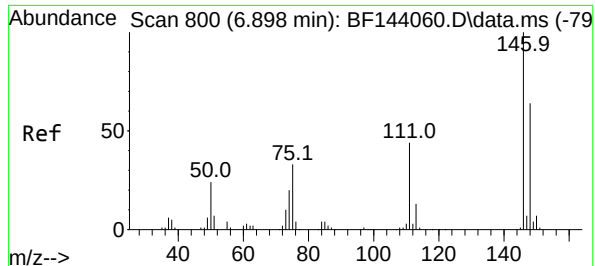
Tgt Ion:	93	Resp:	147198
Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.2	100.2
95	31.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 46.062 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:	146	Resp:	184614
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
75	33.8	26.6	40.0

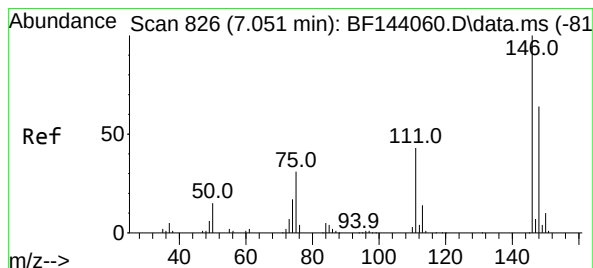
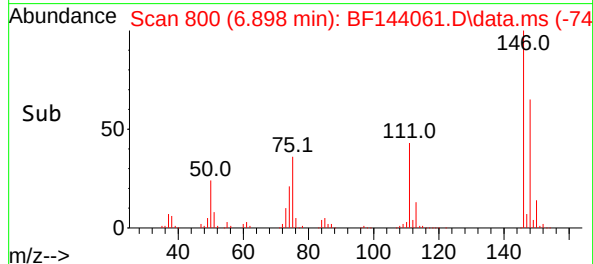
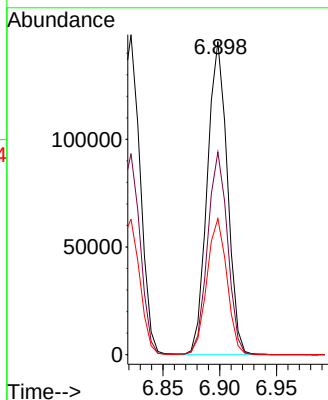
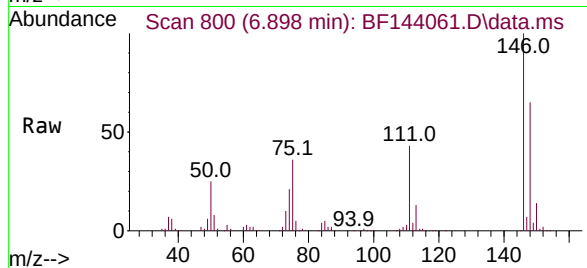




#13
1,4-Dichlorobenzene
Concen: 45.279 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

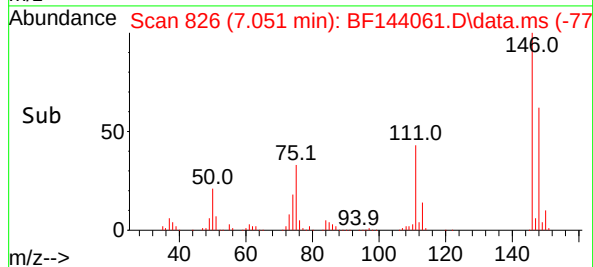
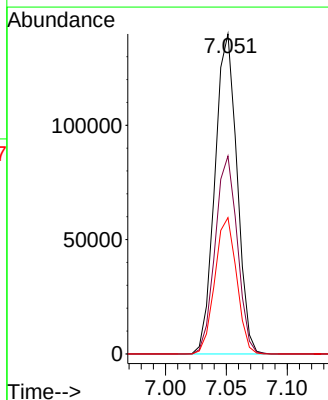
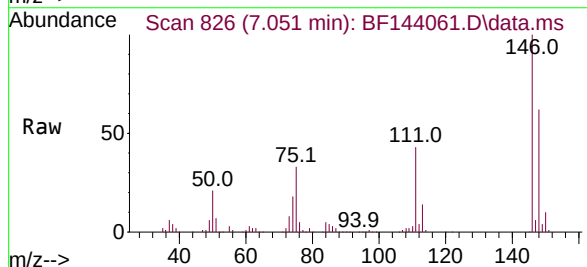
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

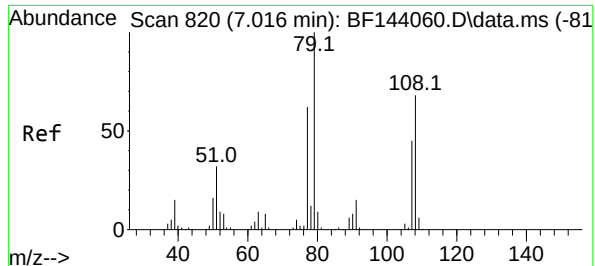
Tgt Ion:146 Resp: 178849
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 43.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 46.267 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:146 Resp: 176825
Ion Ratio Lower Upper
146 100
148 61.8 50.8 76.2
111 42.6 34.7 52.1

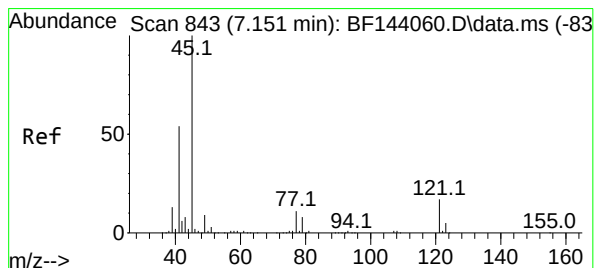
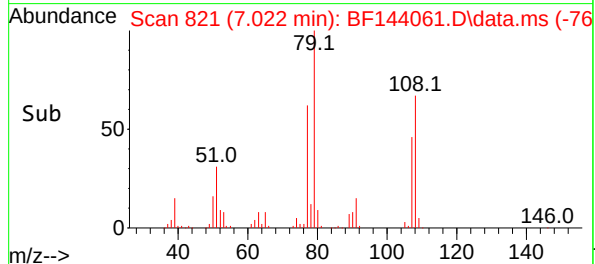
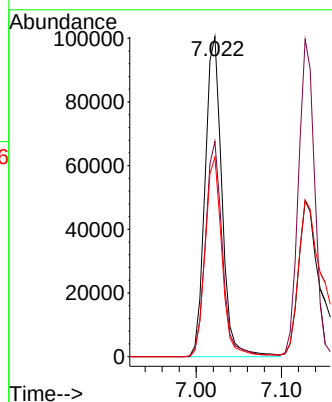
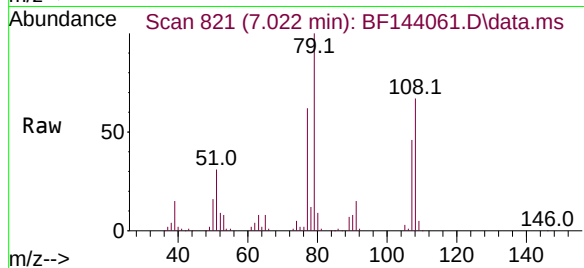




#15
Benzyl Alcohol
Concen: 46.492 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

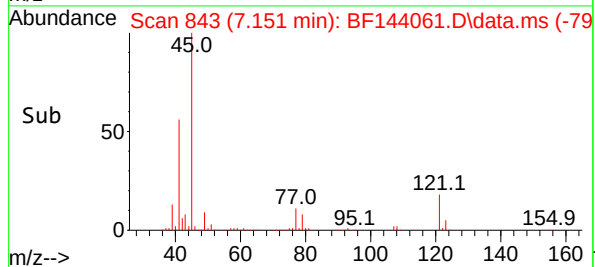
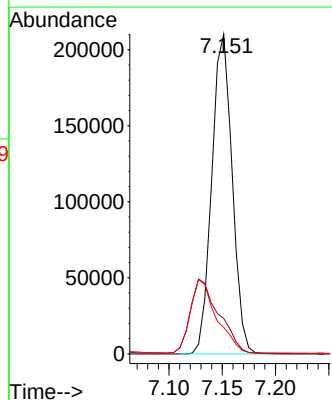
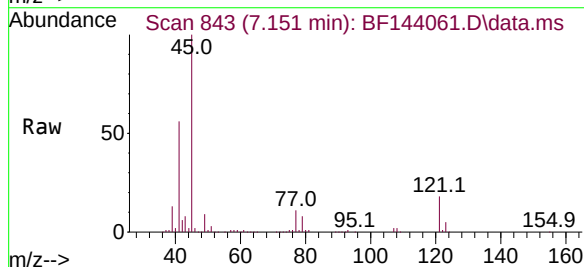
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

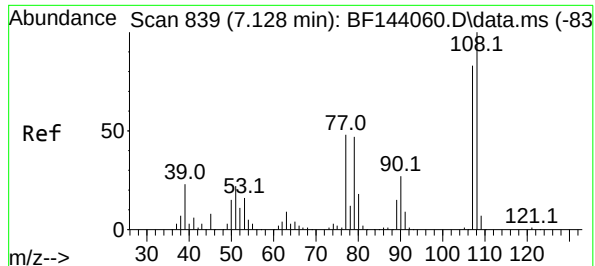
Tgt Ion: 79 Resp: 137745
Ion Ratio Lower Upper
79 100
108 67.2 54.8 82.2
77 62.4 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.937 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 45 Resp: 280440
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.9
79 8.3 0.0 28.2

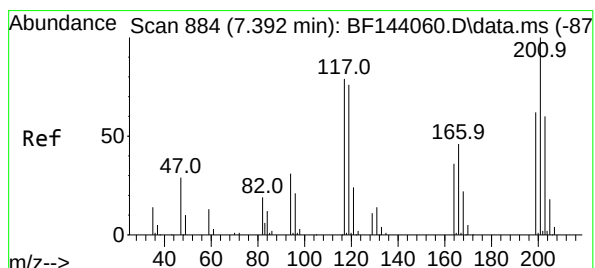
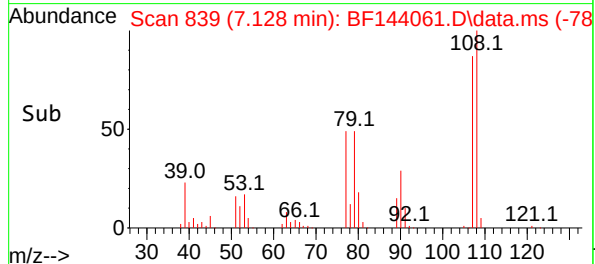
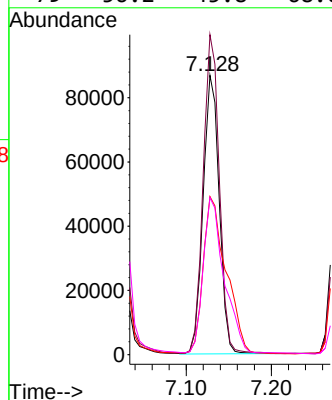
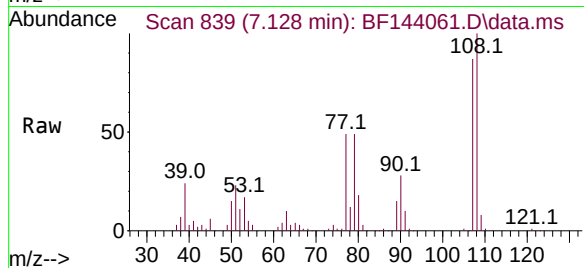




#17
2-Methylphenol
Concen: 45.627 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

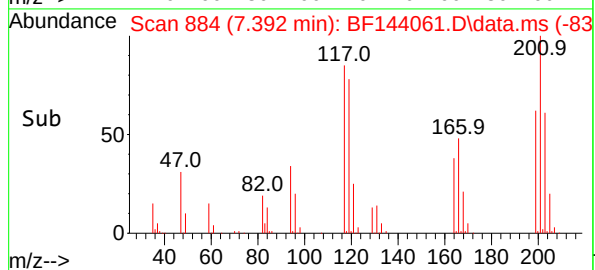
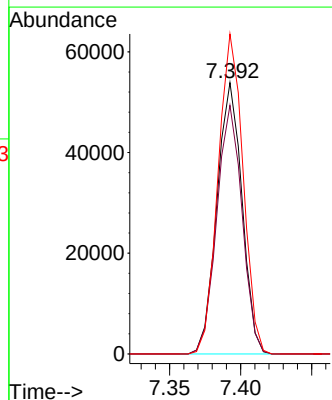
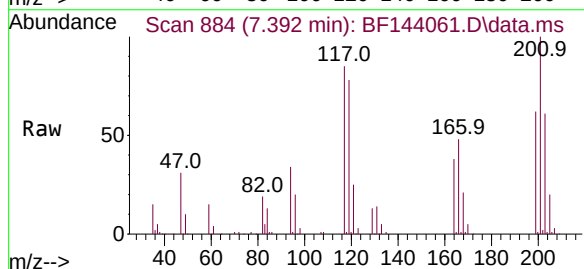
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

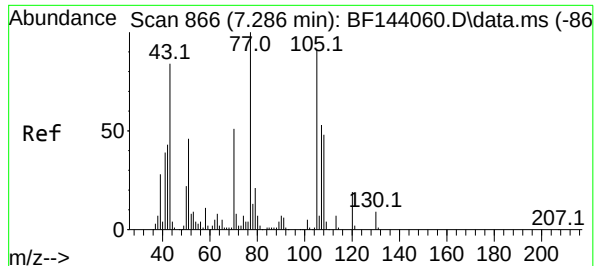
Tgt Ion:	107	Resp:	114018
Ion	Ratio	Lower	Upper
107	100		
108	114.6	96.4	144.6
77	56.6	46.8	70.2
79	56.2	45.8	68.6



#18
Hexachloroethane
Concen: 46.762 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:	117	Resp:	66036
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.6	115.0
201	117.9	100.9	151.3

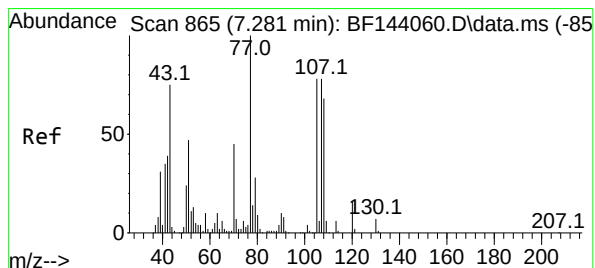
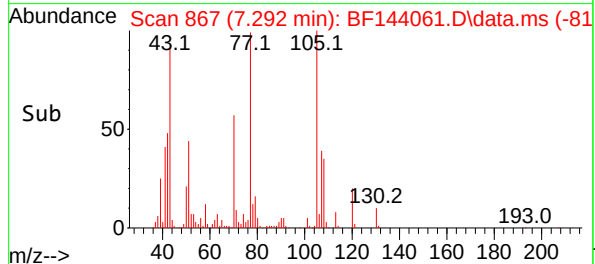
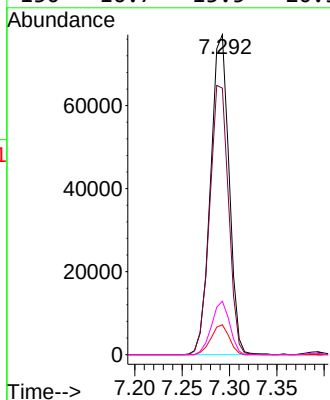
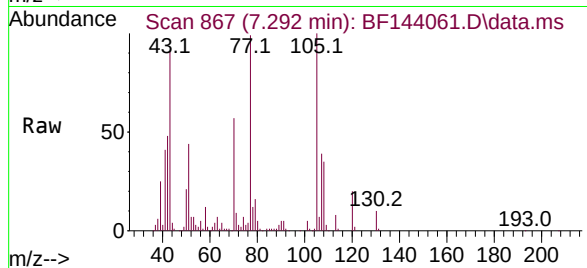




#19
n-Nitroso-di-n-propylamine
Concen: 44.378 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

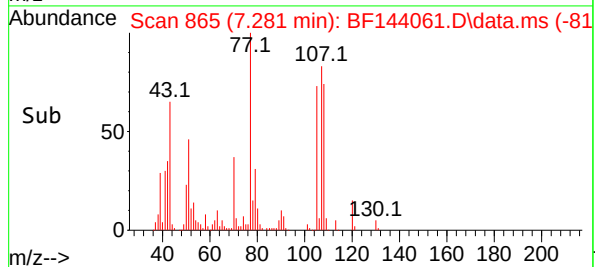
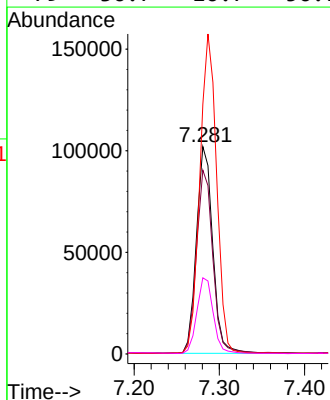
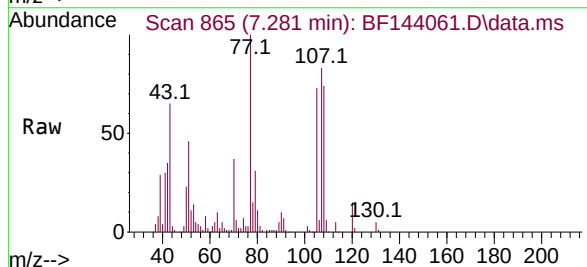
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

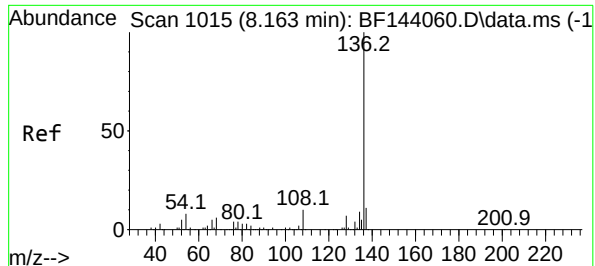
Tgt Ion: 70 Resp: 104565
Ion Ratio Lower Upper
70 100
42 83.3 67.4 101.0
101 9.3 7.1 10.7
130 16.7 13.5 20.3



#20
3+4-Methylphenols
Concen: 45.746 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 107 Resp: 135141
Ion Ratio Lower Upper
107 100
108 88.6 68.0 108.0
77 120.4 108.7 148.7
79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 187852

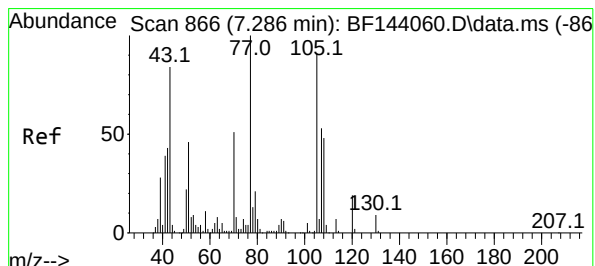
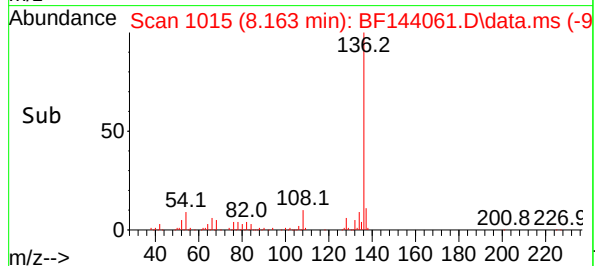
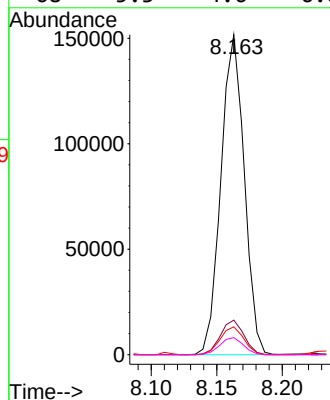
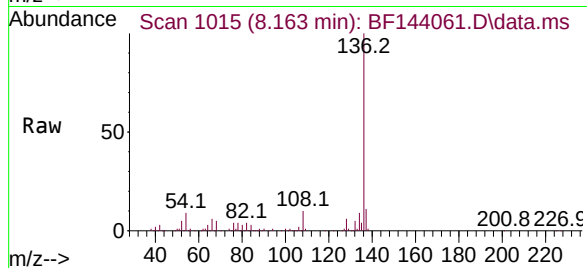
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.6 9.8

68 5.3 4.6 6.8



#22

Acetophenone

Concen: 45.930 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:105 Resp: 186463

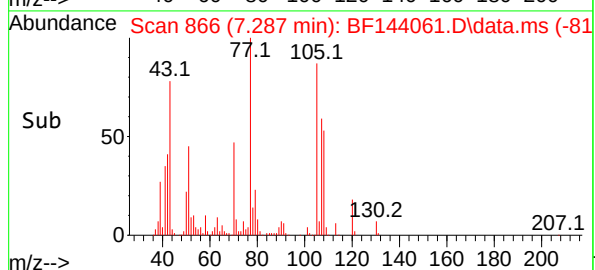
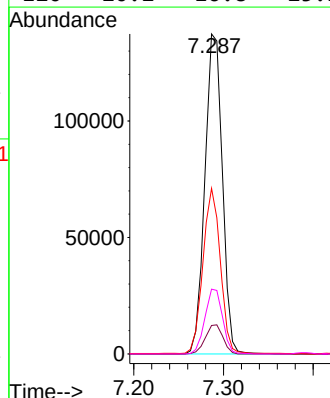
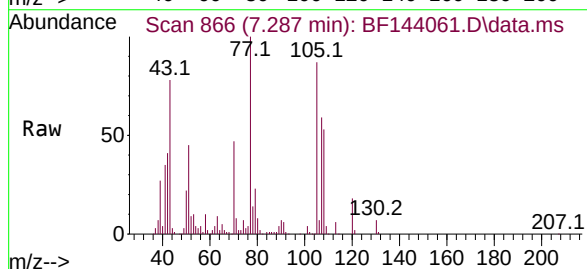
Ion Ratio Lower Upper

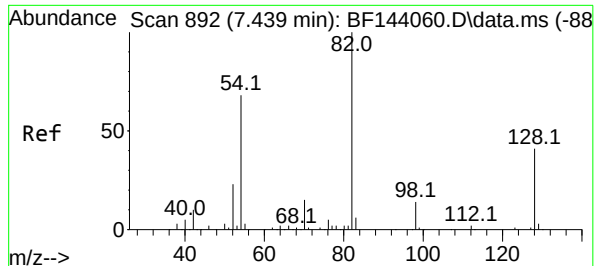
105 100

71 8.9 6.9 10.3

51 51.7 40.6 60.8

120 20.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 91.795 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

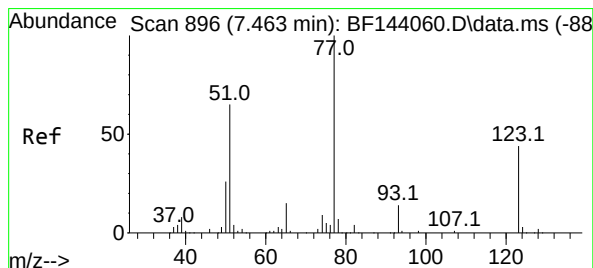
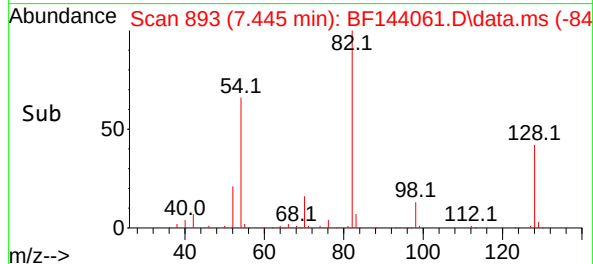
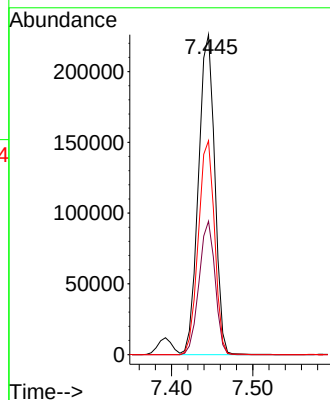
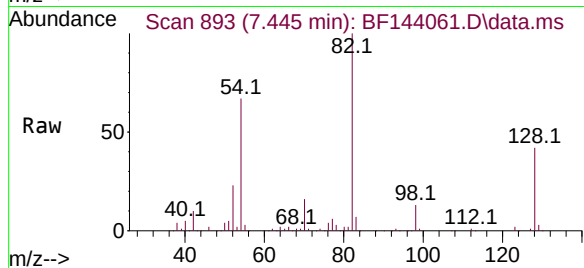
Tgt Ion: 82 Resp: 314744

Ion Ratio Lower Upper

82 100

128 41.7 32.4 48.6

54 66.8 54.0 81.0



#24

Nitrobenzene

Concen: 46.643 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

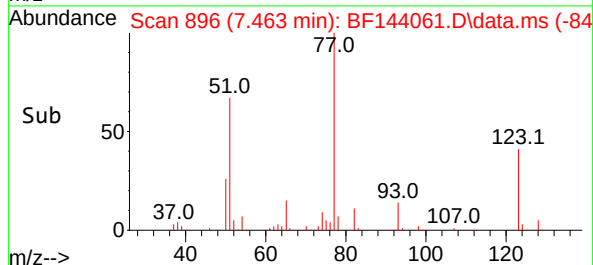
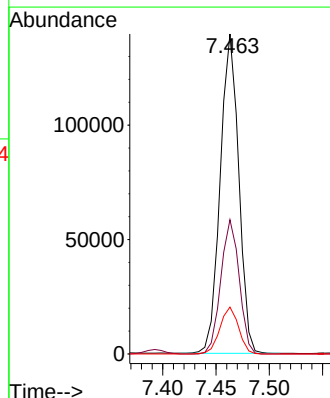
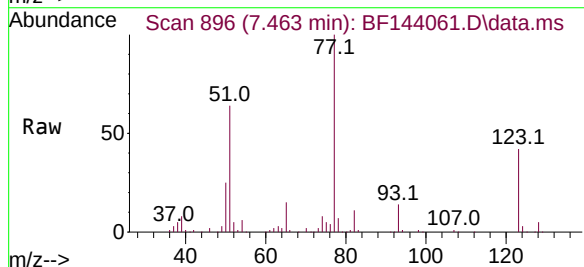
Tgt Ion: 77 Resp: 169181

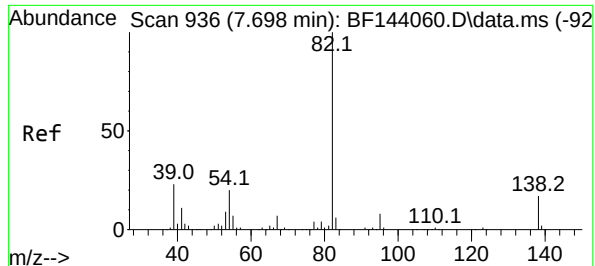
Ion Ratio Lower Upper

77 100

123 41.9 35.0 52.6

65 14.6 12.2 18.2

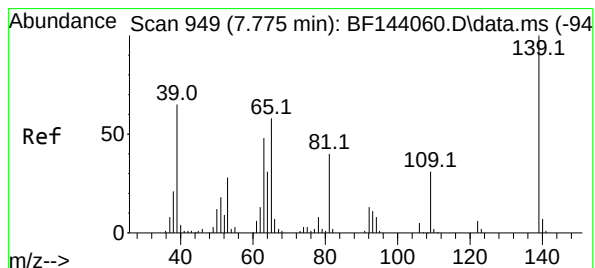
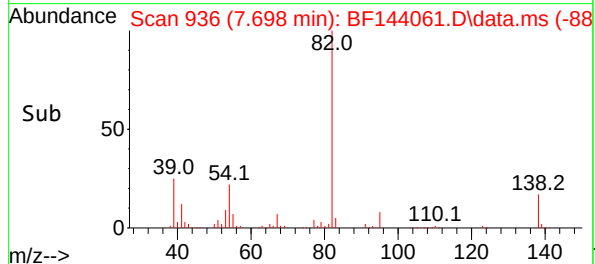
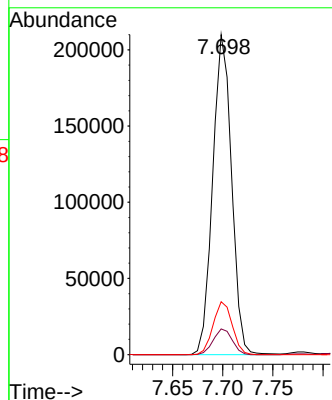
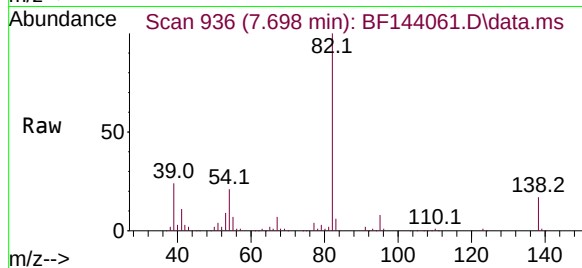




#25
Isophorone
Concen: 45.788 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

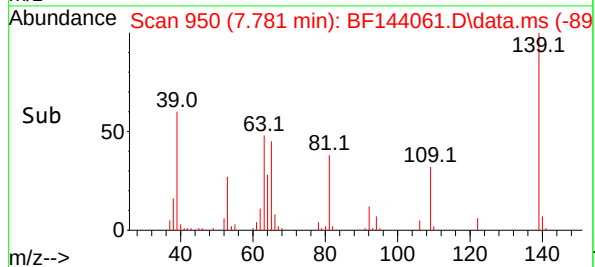
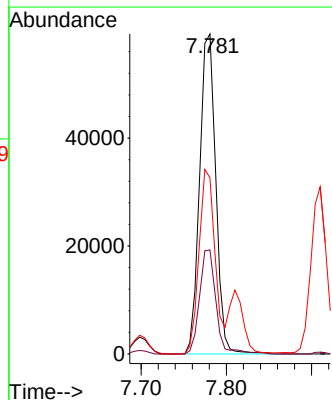
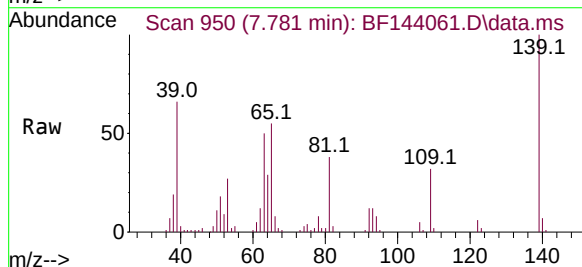
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

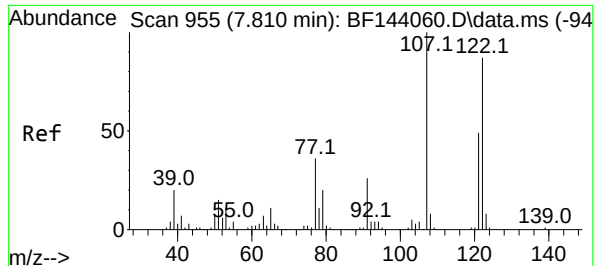
Tgt Ion: 82 Resp: 274478
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.5 13.8 20.8



#26
2-Nitrophenol
Concen: 45.330 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 139 Resp: 78217
Ion Ratio Lower Upper
139 100
109 32.5 24.6 37.0
65 55.0 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 46.475 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

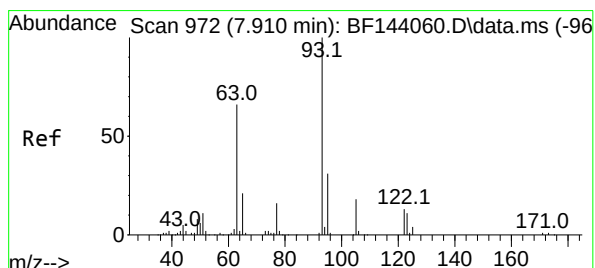
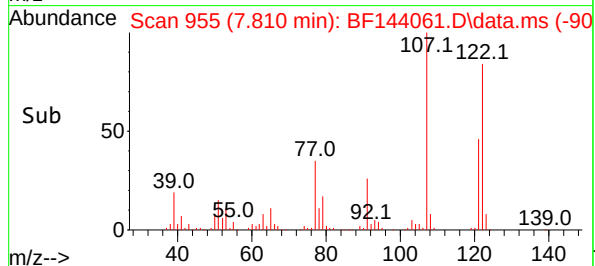
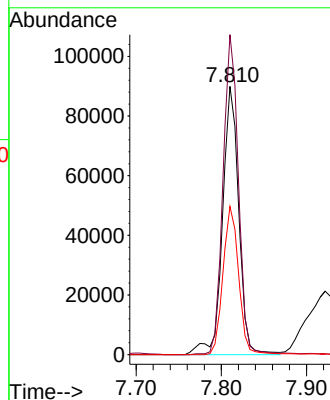
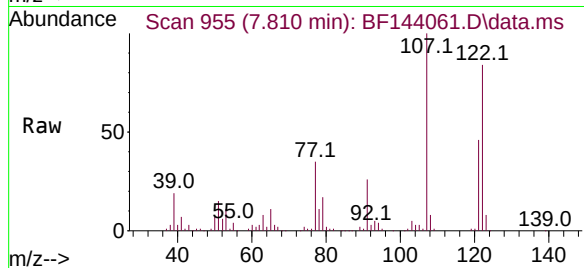
Tgt Ion:122 Resp: 119169

Ion Ratio Lower Upper

122 100

107 119.3 91.8 137.8

121 55.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.816 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

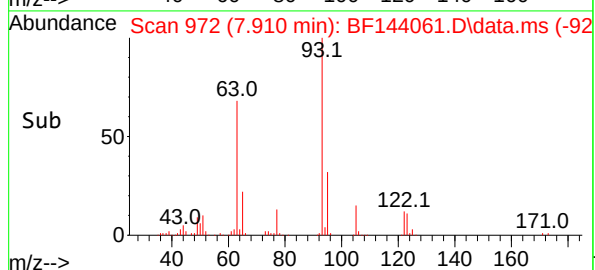
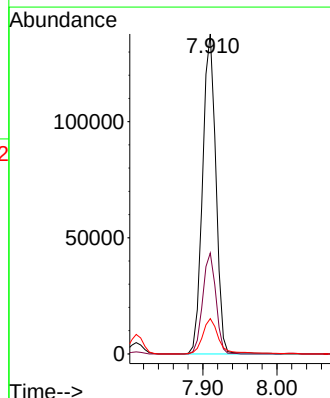
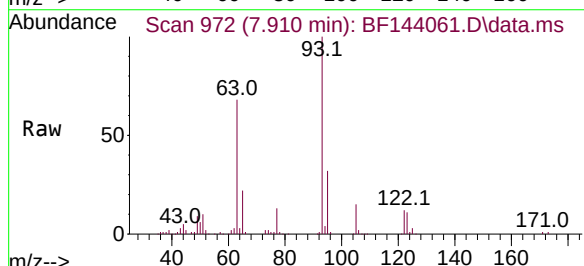
Tgt Ion: 93 Resp: 171275

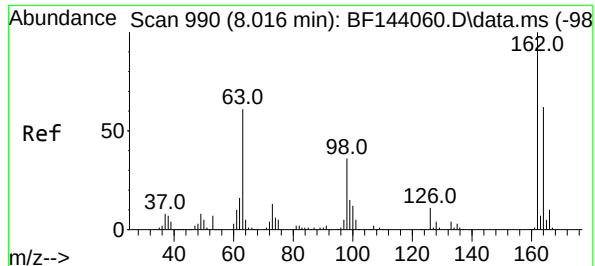
Ion Ratio Lower Upper

93 100

95 31.5 24.6 36.8

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.140 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

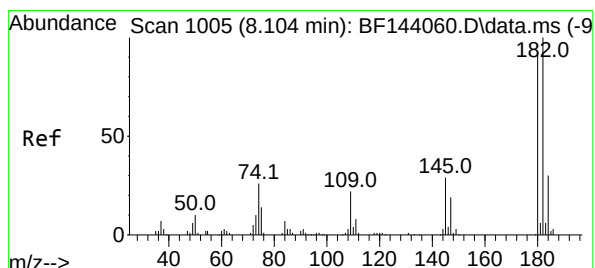
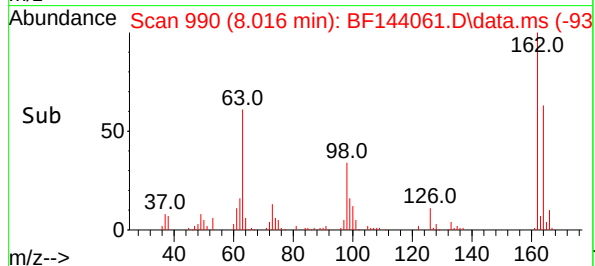
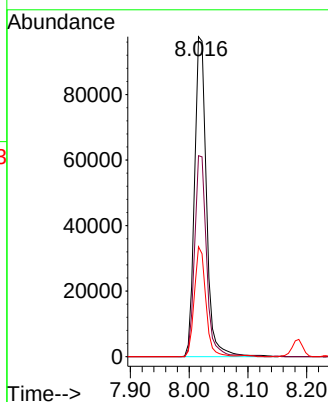
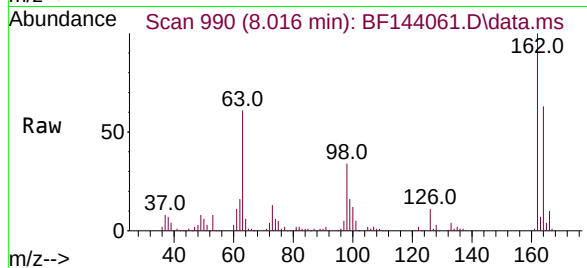
Tgt Ion:162 Resp: 137586

Ion Ratio Lower Upper

162 100

164 62.8 42.1 82.1

98 34.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 46.047 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

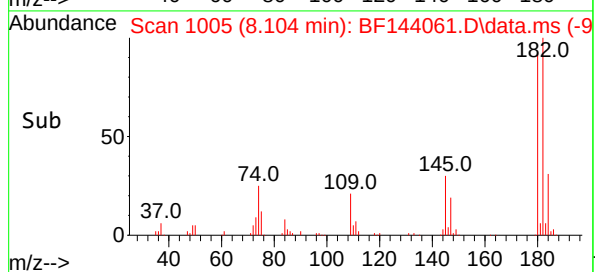
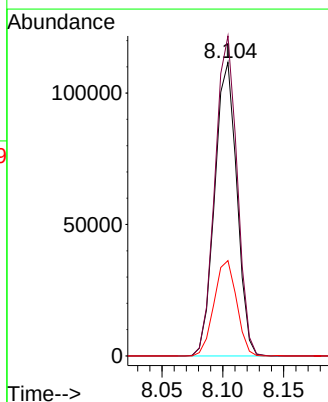
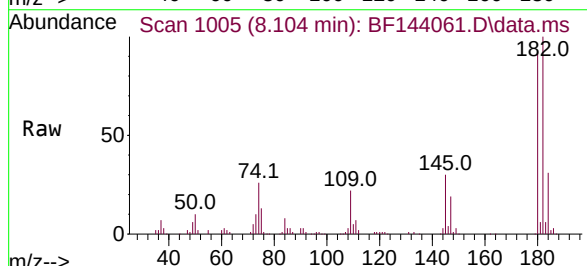
Tgt Ion:180 Resp: 141259

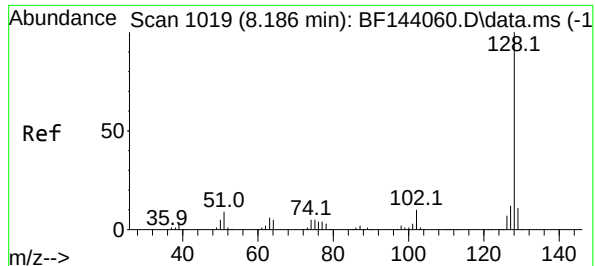
Ion Ratio Lower Upper

180 100

182 109.0 87.1 130.7

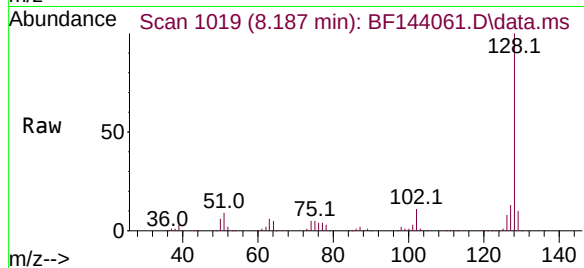
145 32.5 25.3 37.9



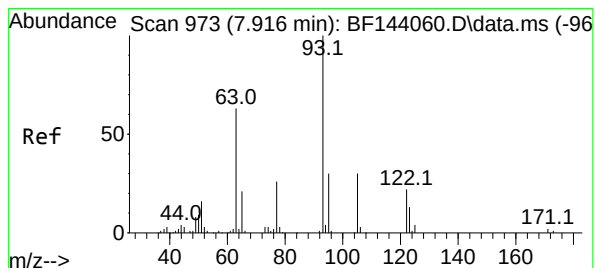
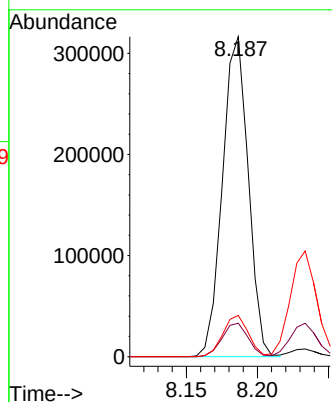
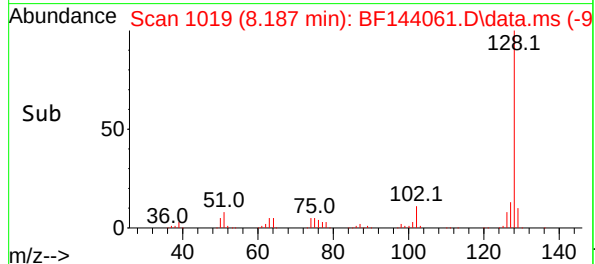


#31
Naphthalene
Concen: 45.150 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

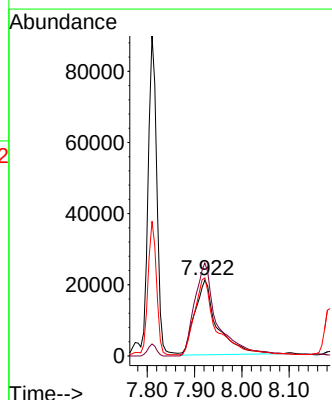
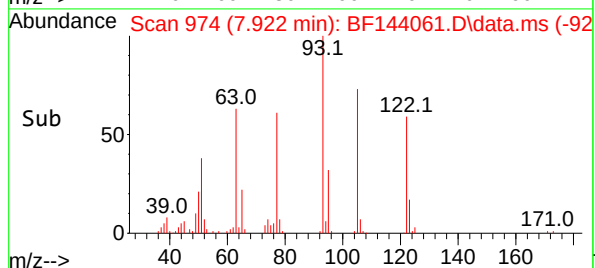
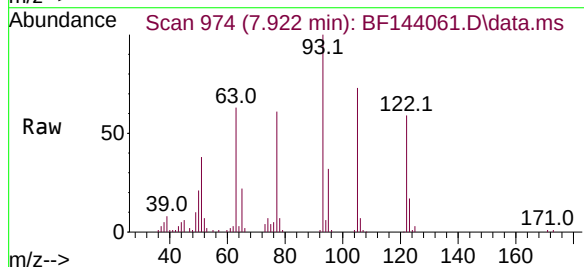


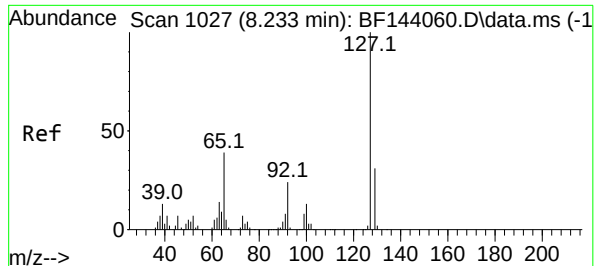
Tgt Ion:128 Resp: 400308
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.9 9.9 14.9



#32
Benzoic acid
Concen: 42.326 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:122 Resp: 68843
Ion Ratio Lower Upper
122 100
105 122.6 111.3 151.3
77 102.9 96.7 136.7

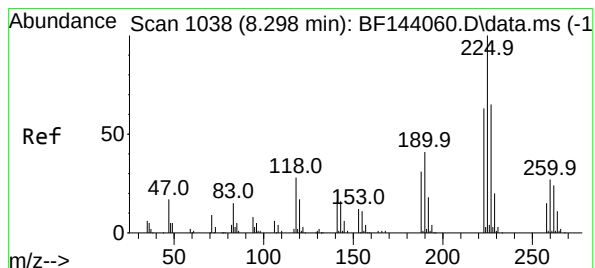
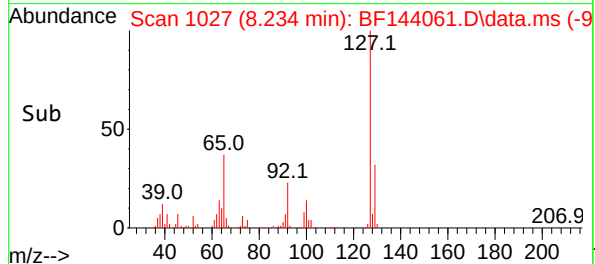
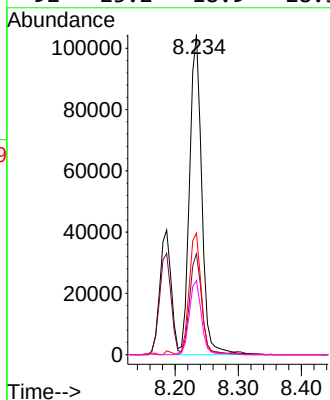
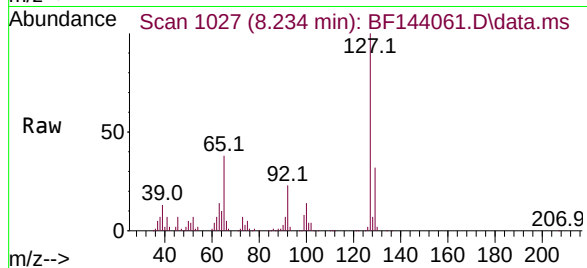




#33
4-Chloroaniline
Concen: 45.326 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

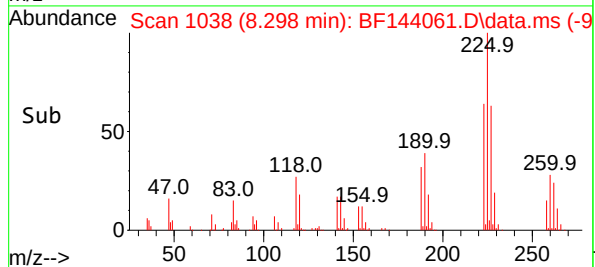
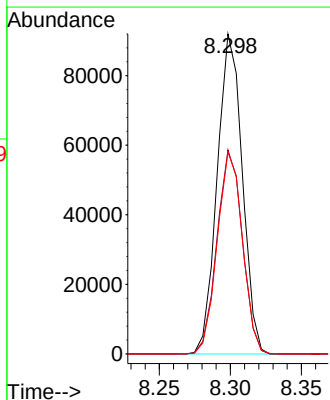
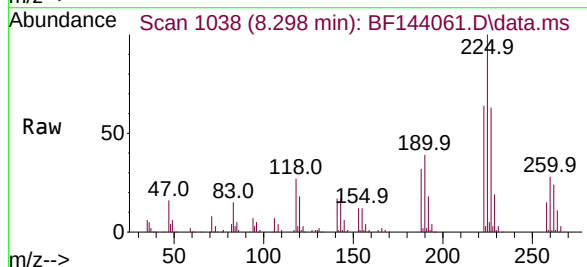
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

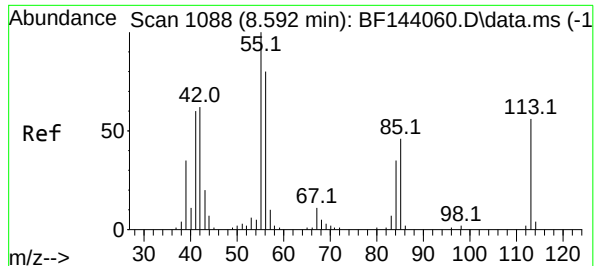
Tgt Ion:	127	Resp:	139897
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.6	38.4
65	38.0	30.9	46.3
92	23.2	18.9	28.3



#34
Hexachlorobutadiene
Concen: 45.117 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:	225	Resp:	113173
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.0	51.8	77.8

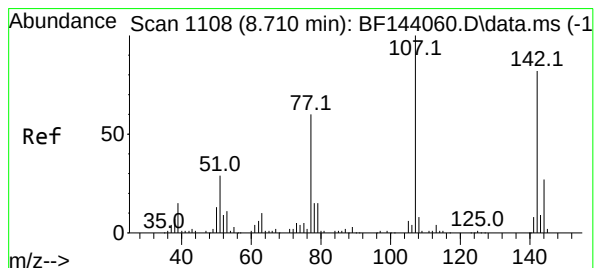
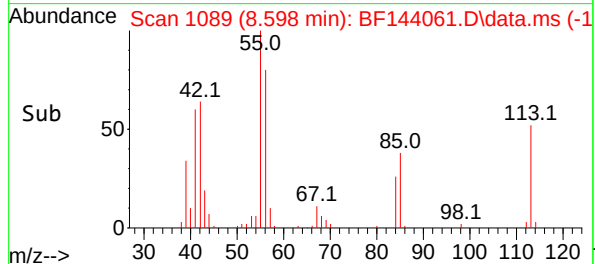
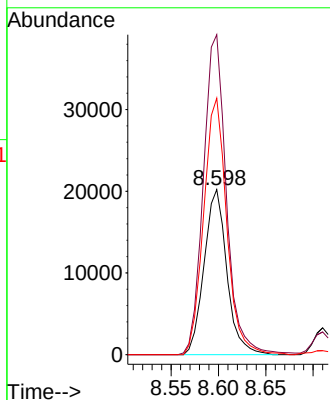
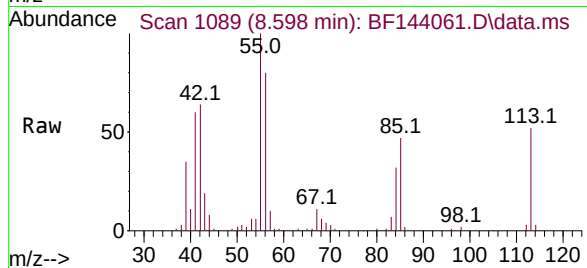




#35
Caprolactam
Concen: 45.169 ng
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

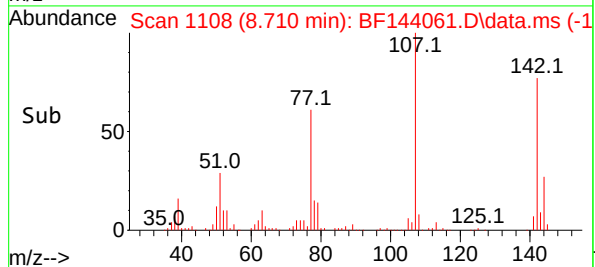
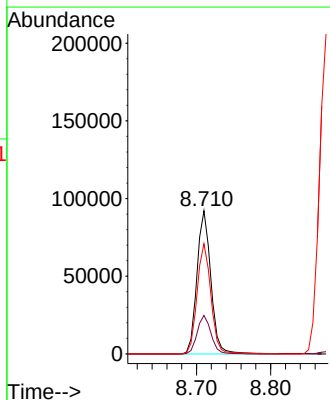
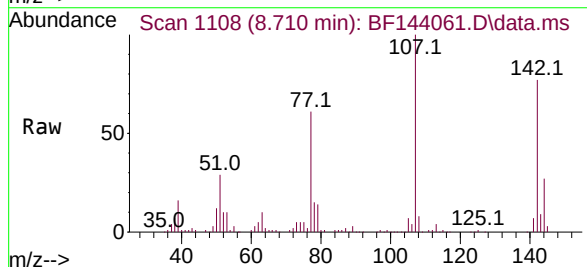
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

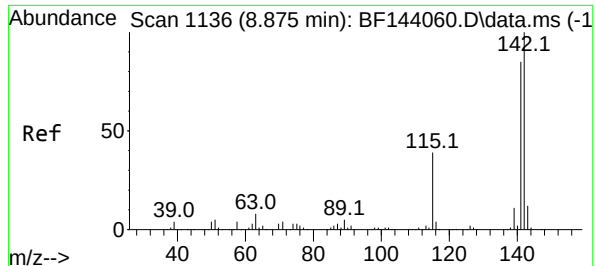
Tgt Ion:113 Resp: 33776
Ion Ratio Lower Upper
113 100
55 194.0 160.1 200.1
56 155.4 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 45.853 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:107 Resp: 120661
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 77.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 44.094 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

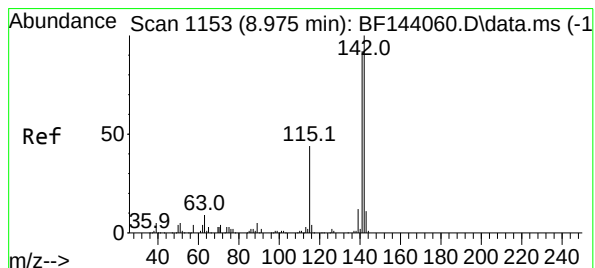
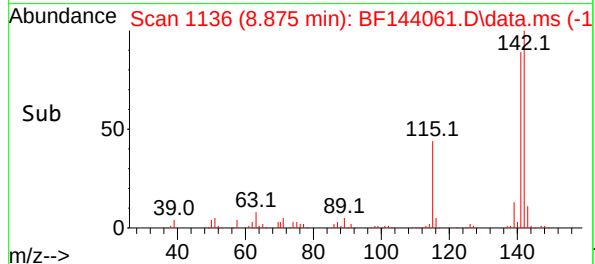
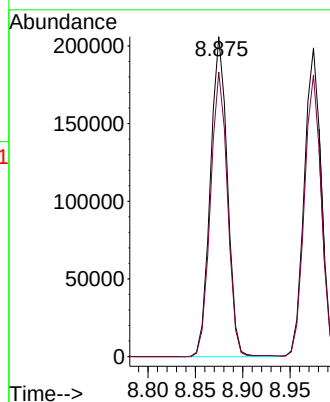
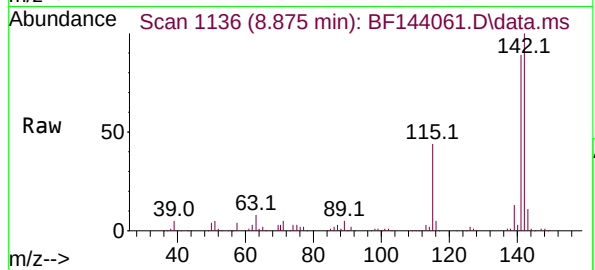
SSTDICC050

Tgt Ion:142 Resp: 257754

Ion Ratio Lower Upper

142 100

141 88.9 67.6 101.4



#38

1-Methylnaphthalene

Concen: 44.400 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144061.D

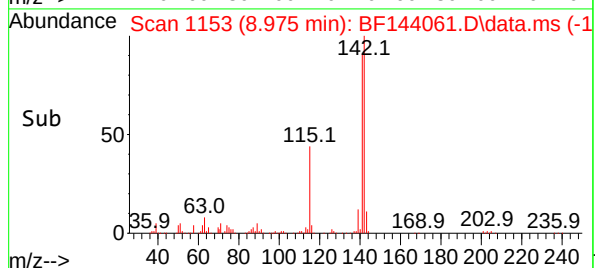
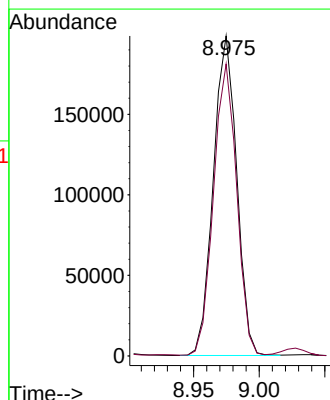
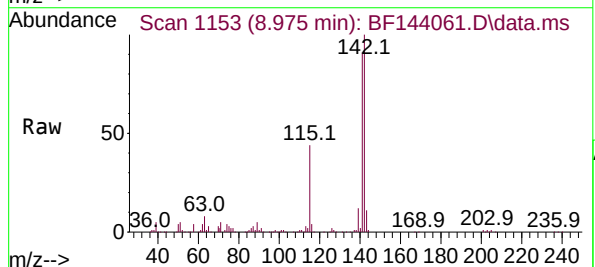
Acq: 24 Oct 2025 13:34

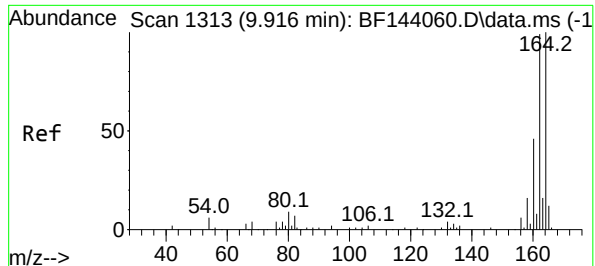
Tgt Ion:142 Resp: 245890

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144061.D

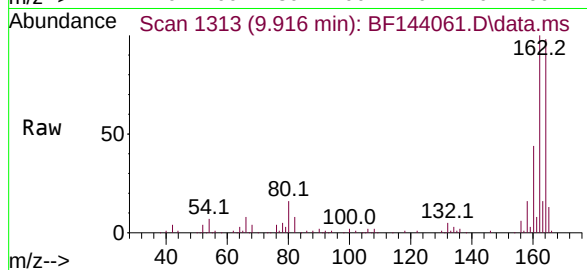
Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



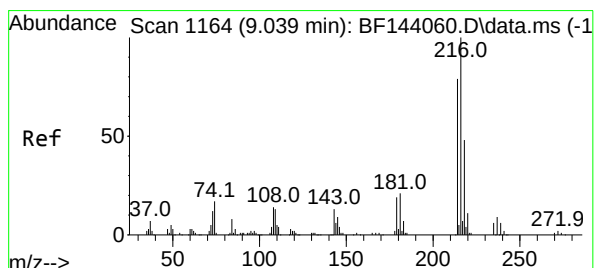
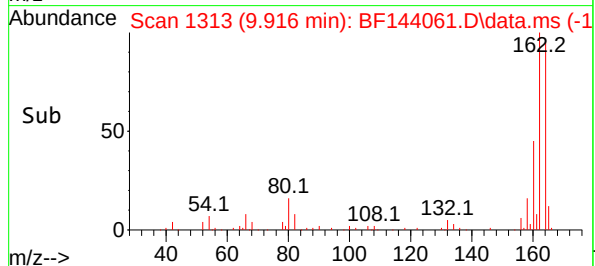
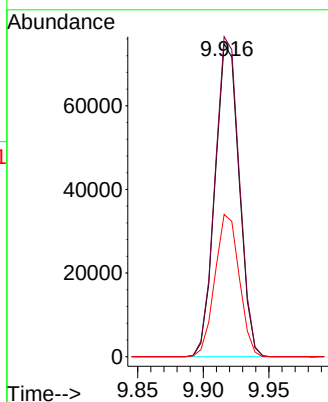
Tgt Ion:164 Resp: 95790

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.2

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

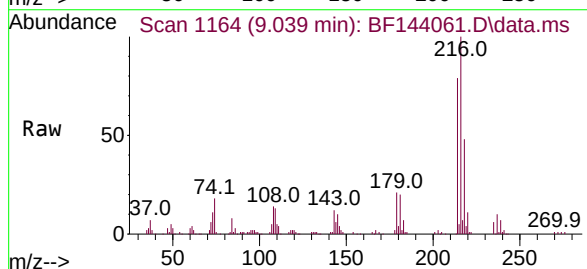
Concen: 45.764 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34



Tgt Ion:216 Resp: 150659

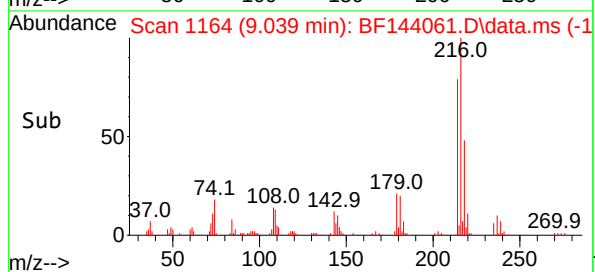
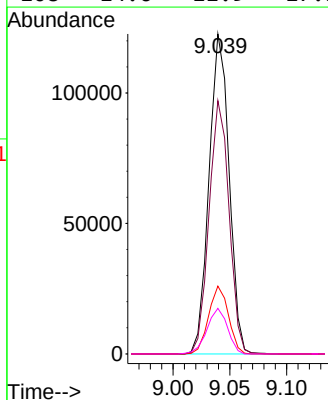
Ion Ratio Lower Upper

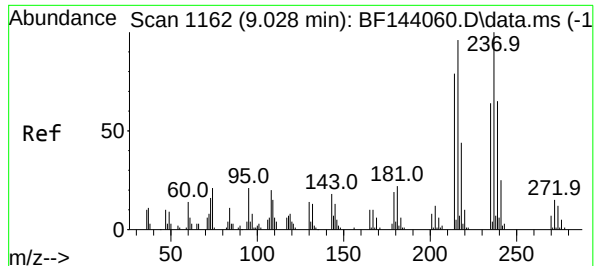
216 100

214 78.9 63.2 94.8

179 20.9 15.2 22.8

108 14.6 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 48.354 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

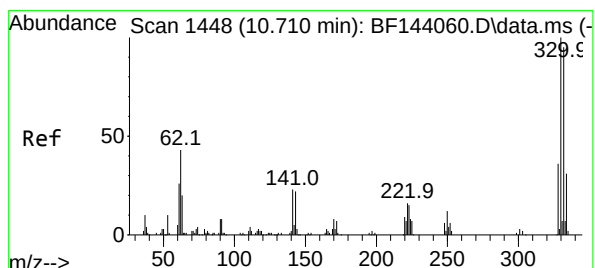
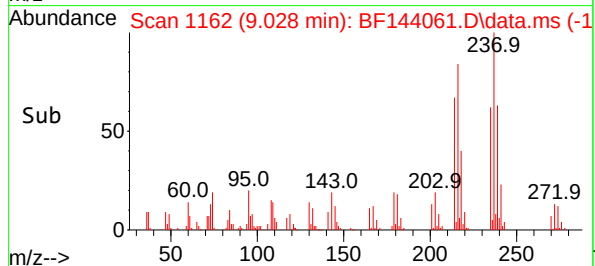
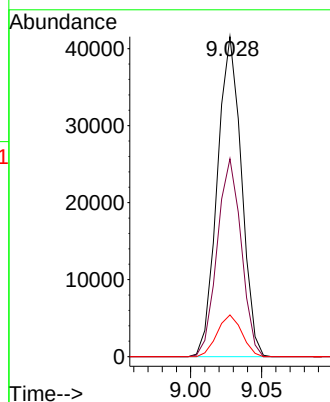
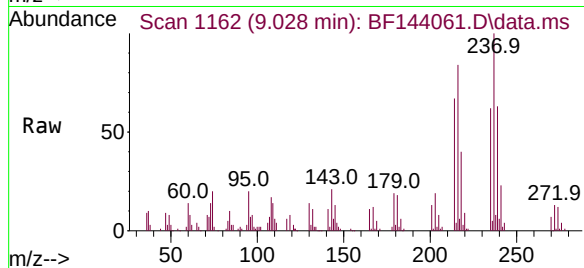
Tgt Ion:237 Resp: 49167

Ion Ratio Lower Upper

237 100

235 61.8 44.3 84.3

272 13.0 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 94.659 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

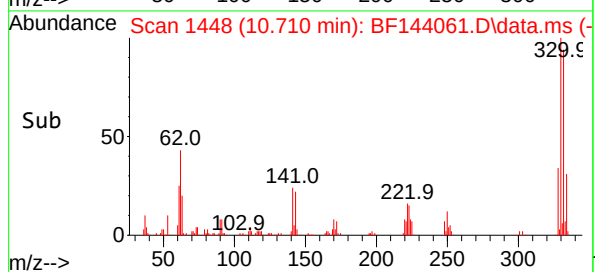
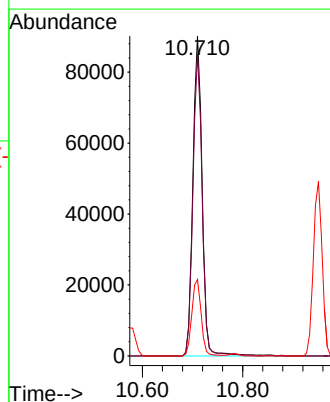
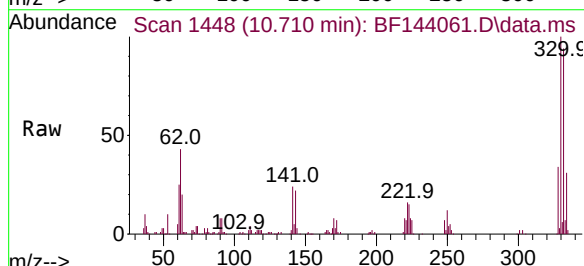
Tgt Ion:330 Resp: 115501

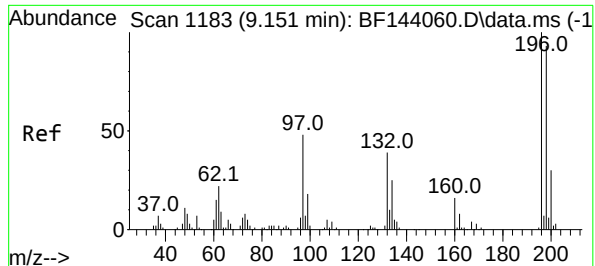
Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 47.829 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144061.D

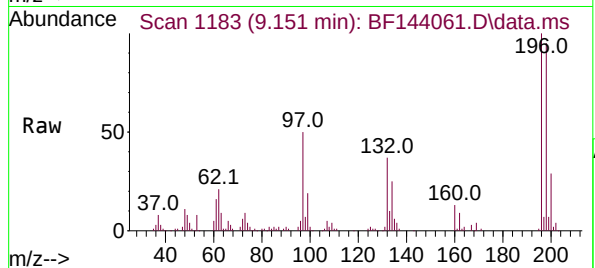
Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



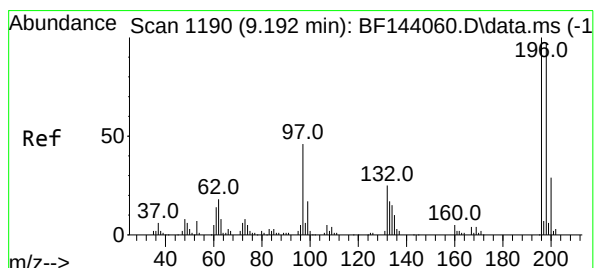
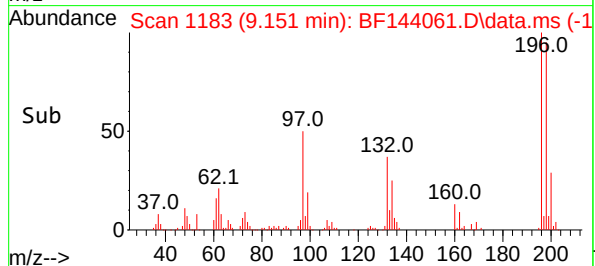
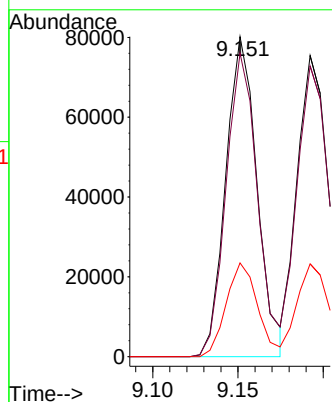
Tgt Ion:196 Resp: 102347

Ion Ratio Lower Upper

196 100

198 94.8 74.4 111.6

200 29.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 45.562 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:196 Resp: 102322

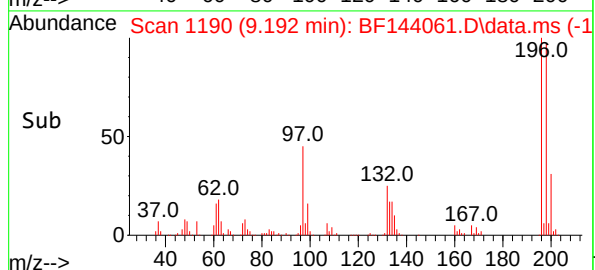
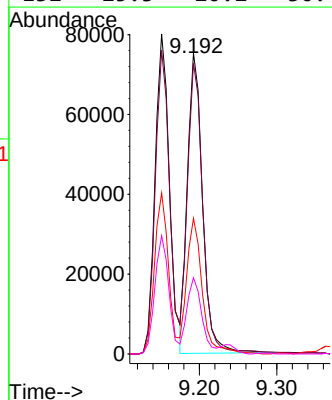
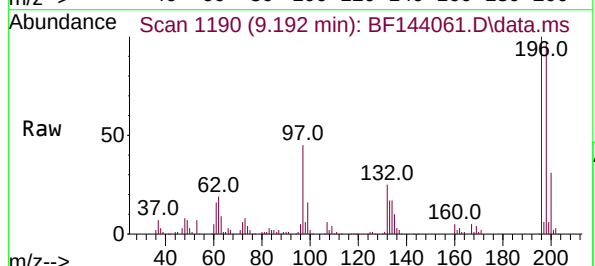
Ion Ratio Lower Upper

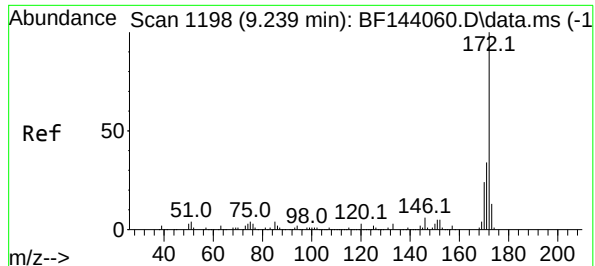
196 100

198 96.6 78.0 117.0

97 45.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.861 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

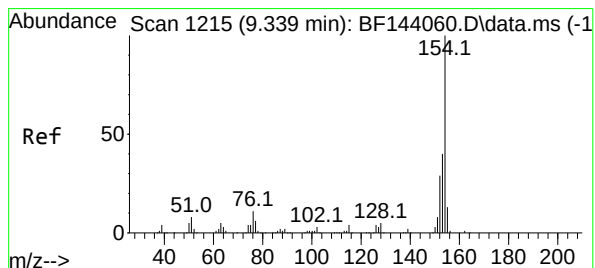
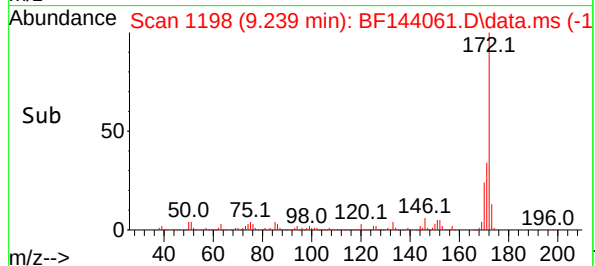
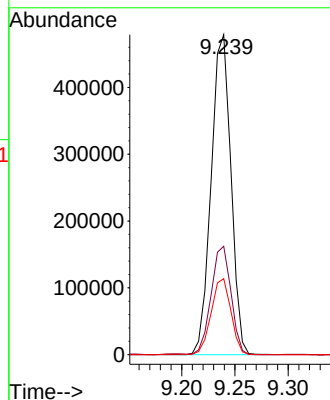
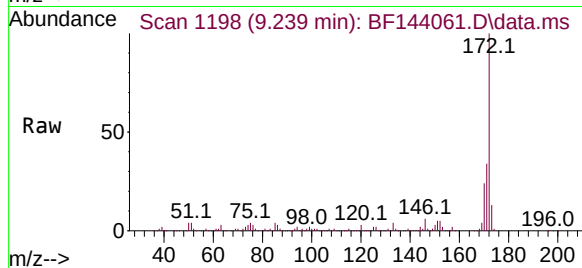
Tgt Ion:172 Resp: 618497

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.996 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

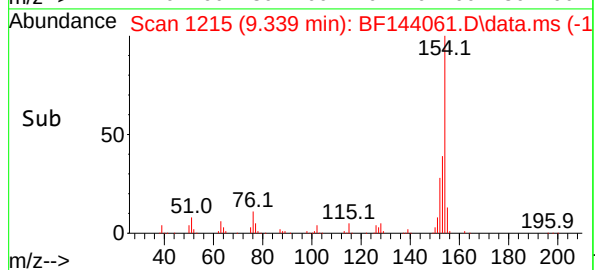
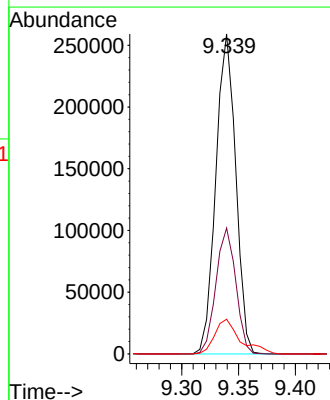
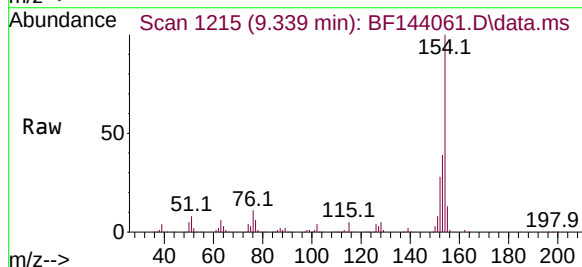
Tgt Ion:154 Resp: 315397

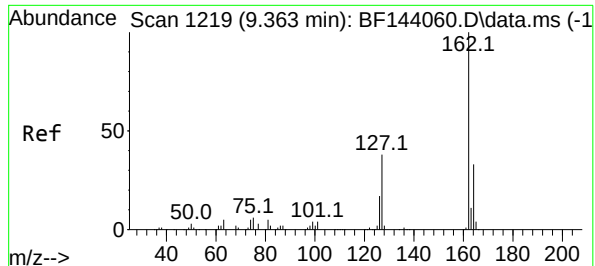
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.914 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

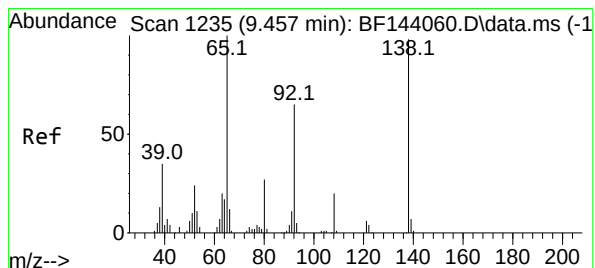
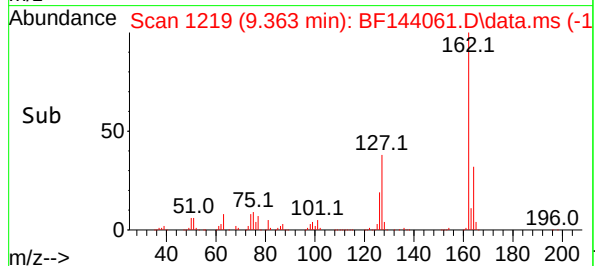
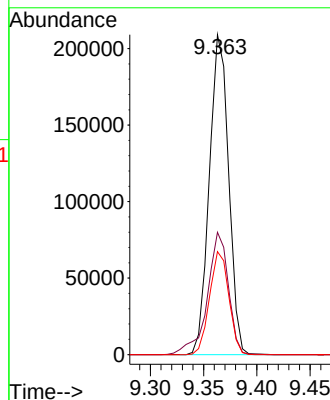
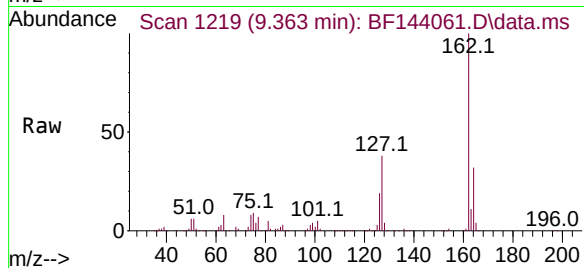
Tgt Ion:162 Resp: 263764

Ion Ratio Lower Upper

162 100

127 38.2 31.6 47.4

164 32.2 26.5 39.7



#48

2-Nitroaniline

Concen: 46.691 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

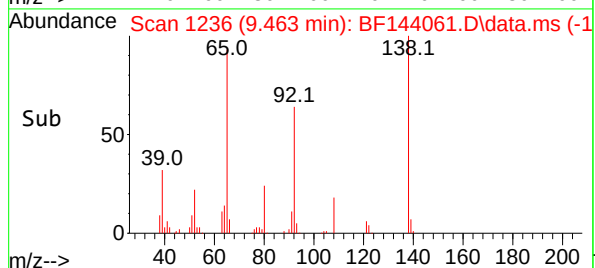
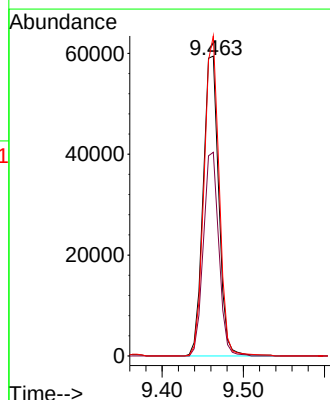
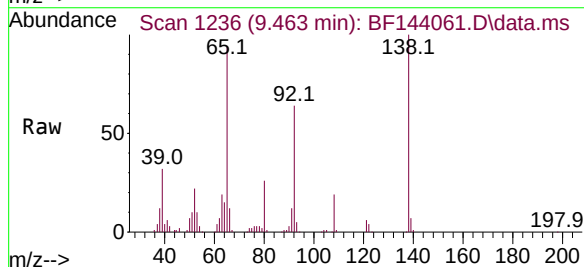
Tgt Ion: 65 Resp: 79650

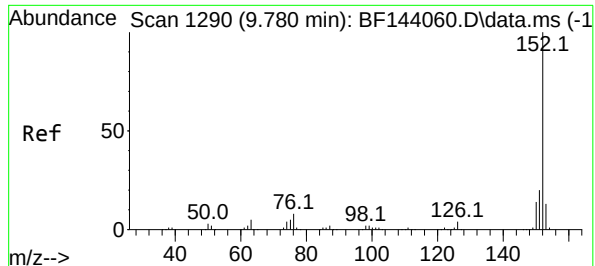
Ion Ratio Lower Upper

65 100

92 67.9 52.3 78.5

138 106.7 78.3 117.5





#49

Acenaphthylene

Concen: 45.641 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

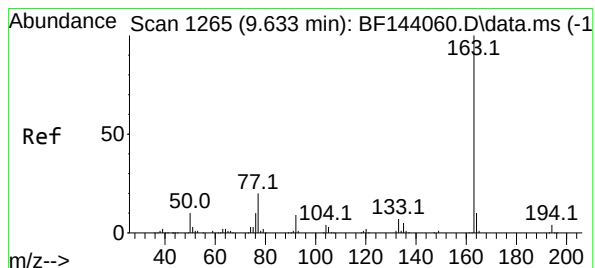
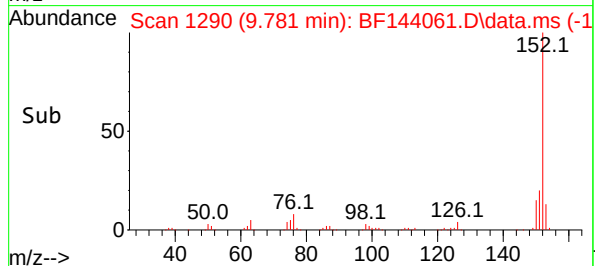
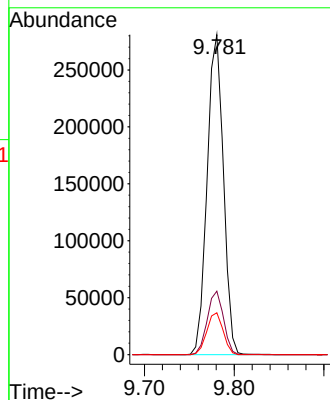
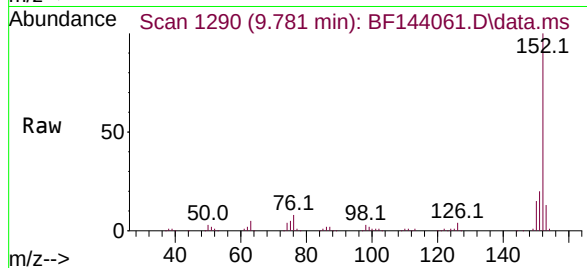
Tgt Ion:152 Resp: 353529

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 46.495 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

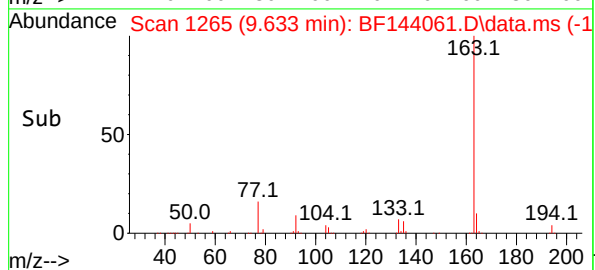
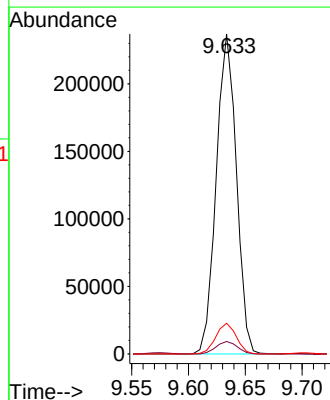
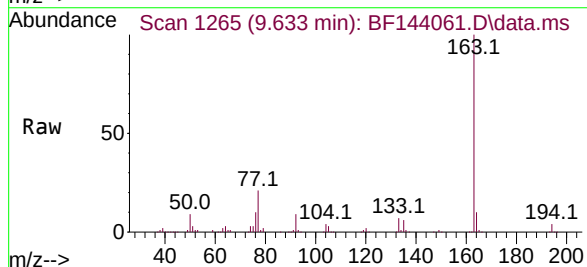
Tgt Ion:163 Resp: 291936

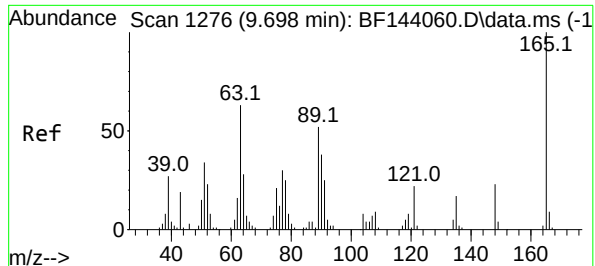
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.6 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 48.590 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

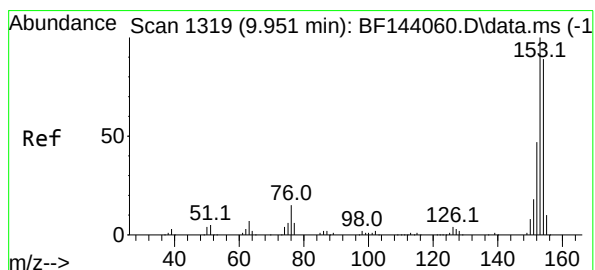
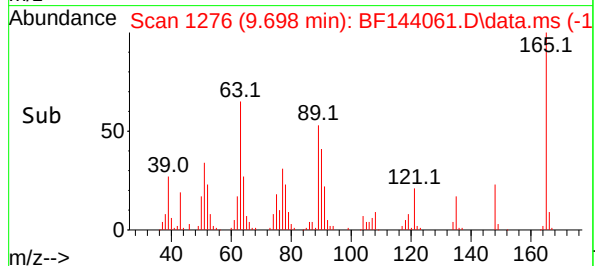
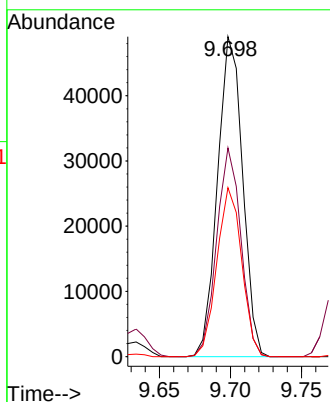
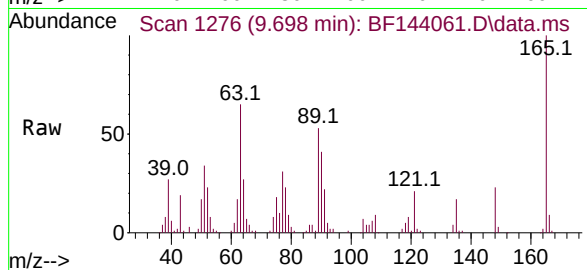
Tgt Ion:165 Resp: 60313

Ion Ratio Lower Upper

165 100

63 65.2 50.4 75.6

89 52.8 41.4 62.2



#52

Acenaphthene

Concen: 46.250 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

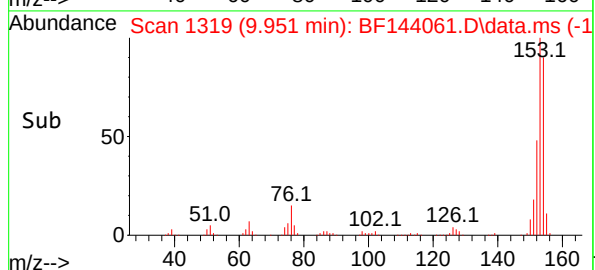
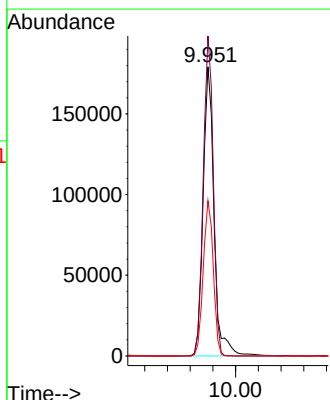
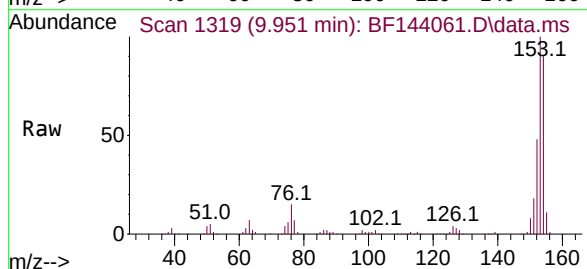
Tgt Ion:154 Resp: 239254

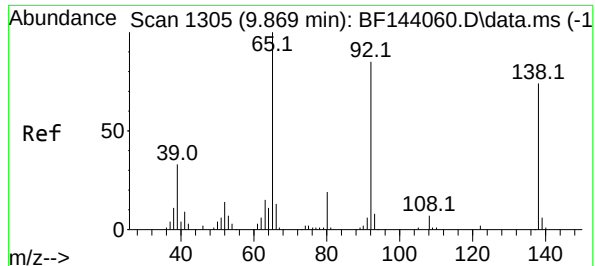
Ion Ratio Lower Upper

154 100

153 110.7 89.9 134.9

152 53.7 42.0 63.0





#53

3-Nitroaniline

Concen: 48.727 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

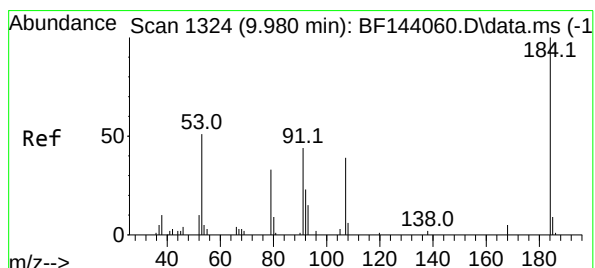
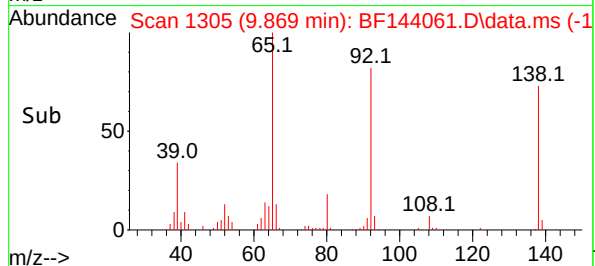
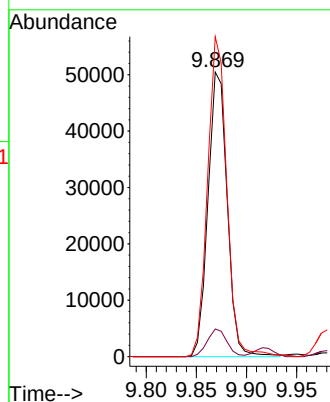
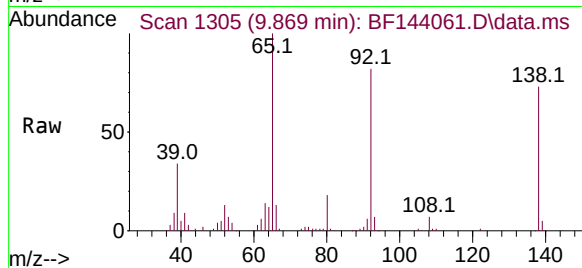
Tgt Ion:138 Resp: 67246

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

92 112.5 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 41.328 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

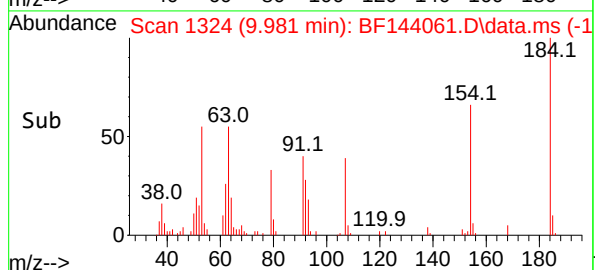
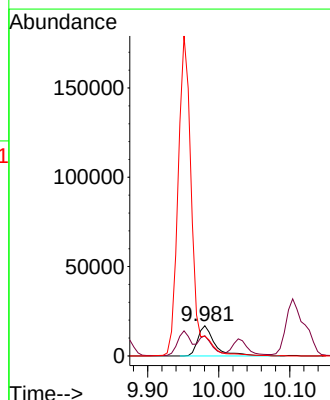
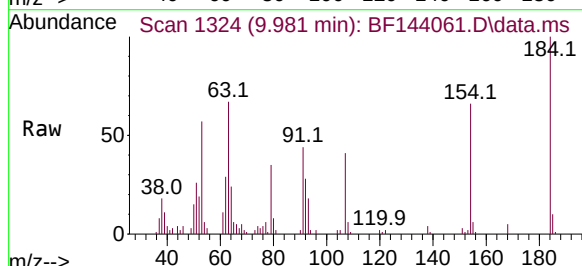
Tgt Ion:184 Resp: 27746

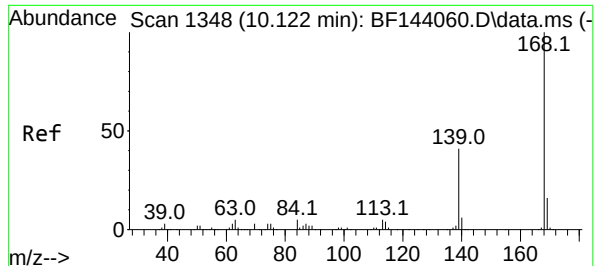
Ion Ratio Lower Upper

184 100

63 66.6 52.1 78.1

154 66.0 47.9 71.9

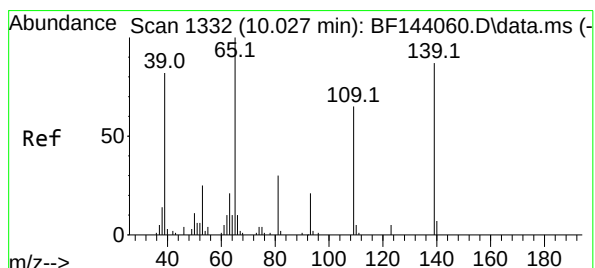
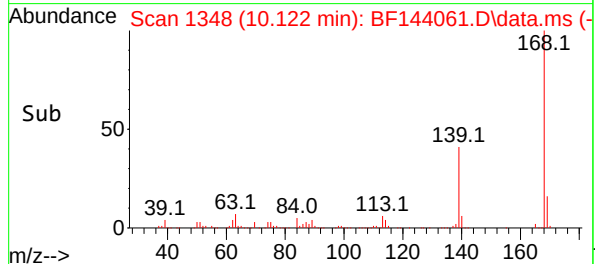
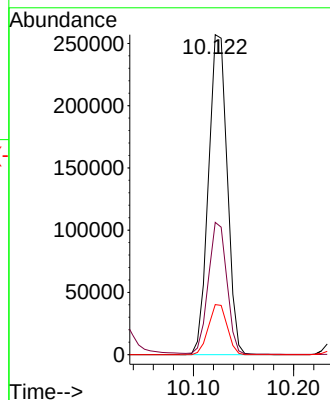
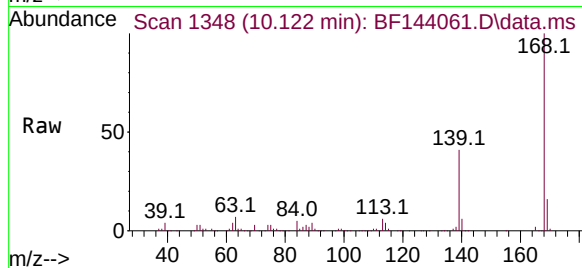




#55
Dibenzenofuran
Concen: 46.390 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

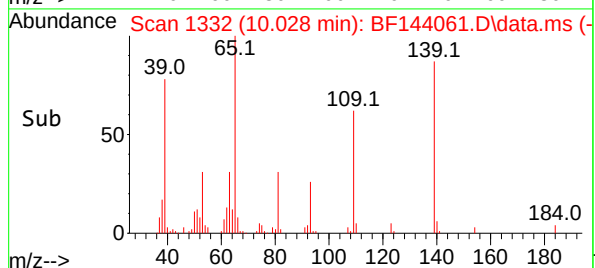
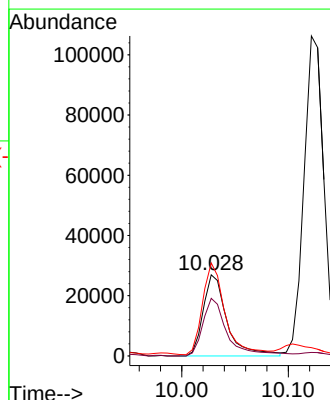
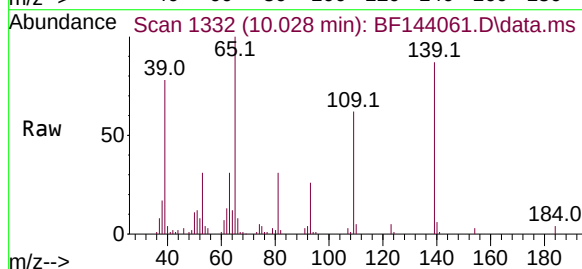
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

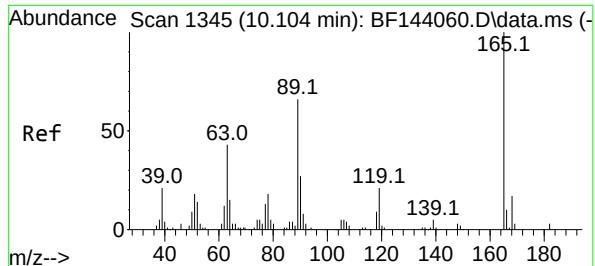
Tgt Ion:168 Resp: 333154
Ion Ratio Lower Upper
168 100
139 41.3 33.2 49.8
169 15.6 12.6 19.0



#56
4-Nitrophenol
Concen: 44.760 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:139 Resp: 41829
Ion Ratio Lower Upper
139 100
109 71.1 53.8 93.8
65 114.7 95.9 135.9

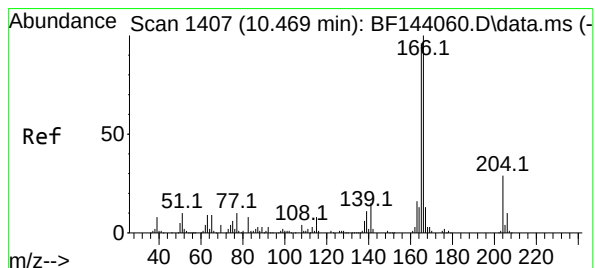
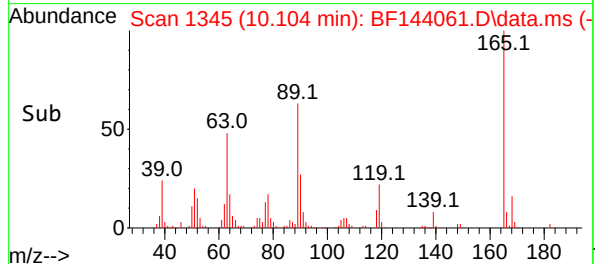
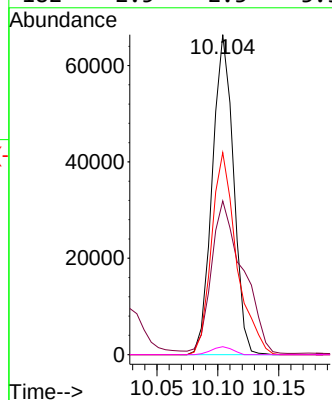
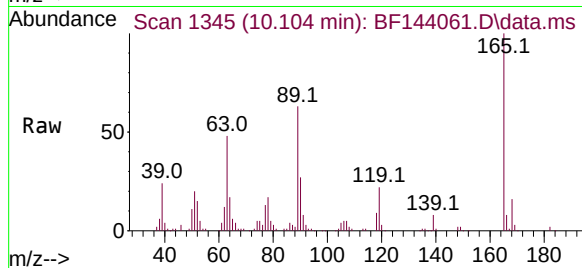




#57
2,4-Dinitrotoluene
Concen: 48.075 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

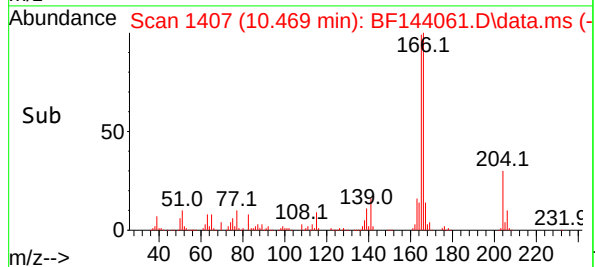
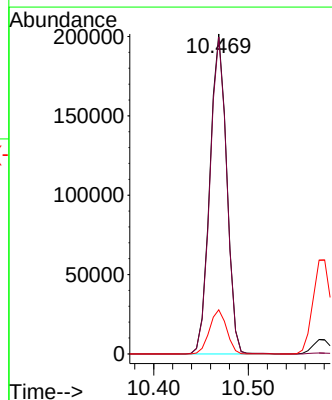
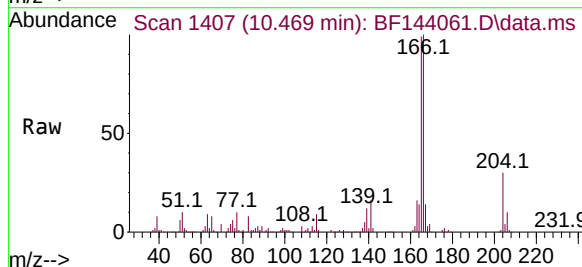
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

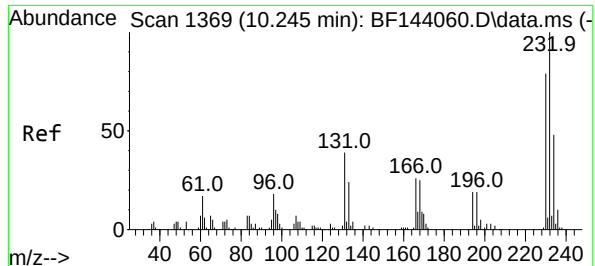
Tgt Ion	165	Resp	80539
Ion Ratio	Lower	Upper	
165	100		
63	48.0	35.4	53.2
89	63.1	52.7	79.1
182	2.5	2.3	3.5



#58
Fluorene
Concen: 45.558 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	166	Resp	249298
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.0	115.4
167	13.8	10.2	15.4

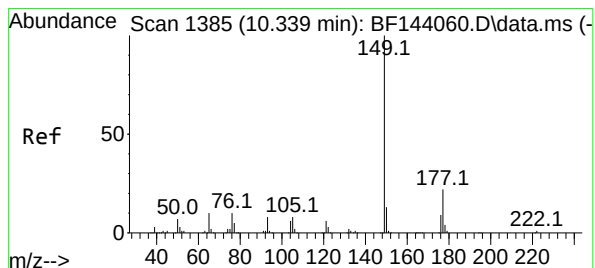
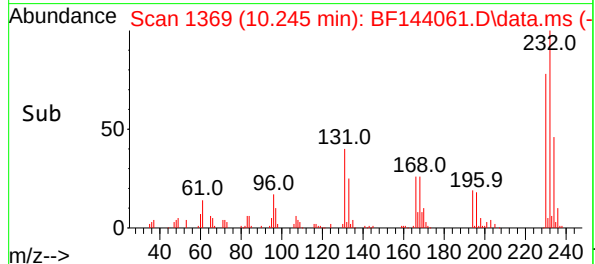
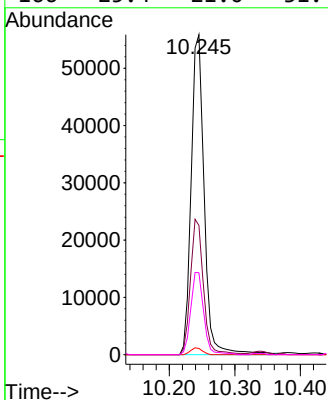
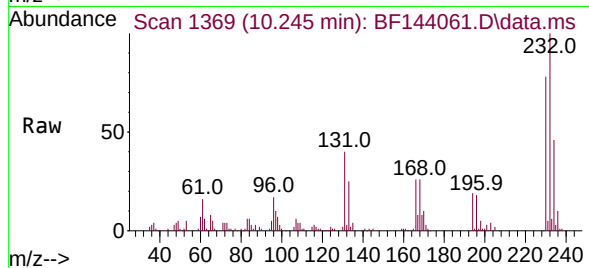




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.766 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

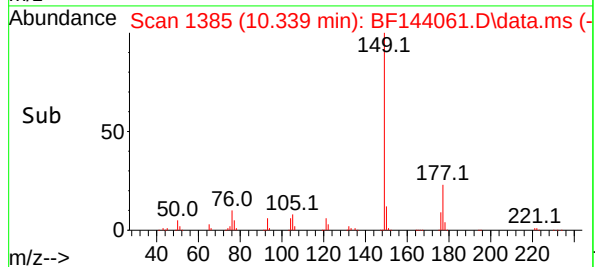
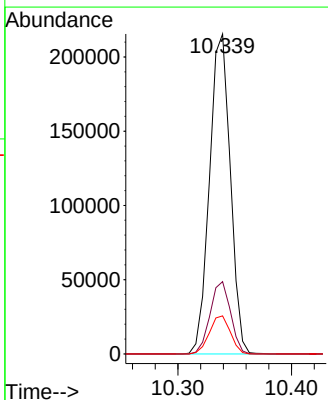
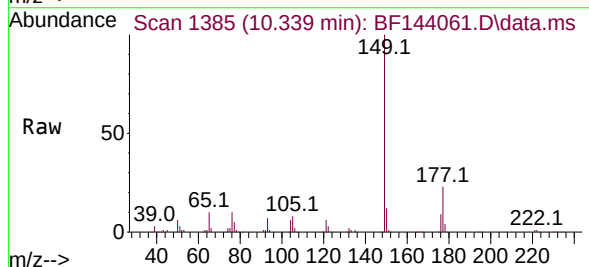
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

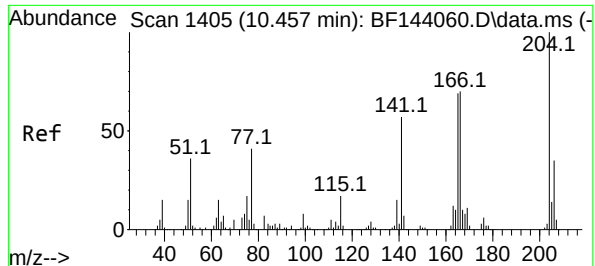
Tgt Ion:232 Resp: 77175
Ion Ratio Lower Upper
232 100
131 42.1 31.9 47.9
130 1.9 1.1 1.7#
166 25.4 21.0 31.4



#60
Diethylphthalate
Concen: 46.451 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 274281
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 11.9 10.1 15.1

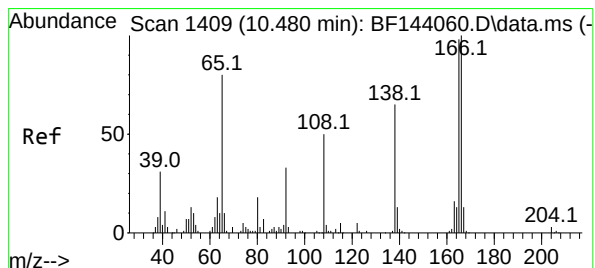
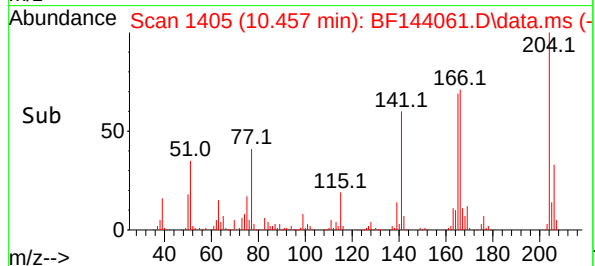
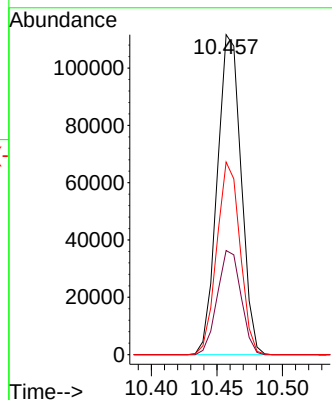
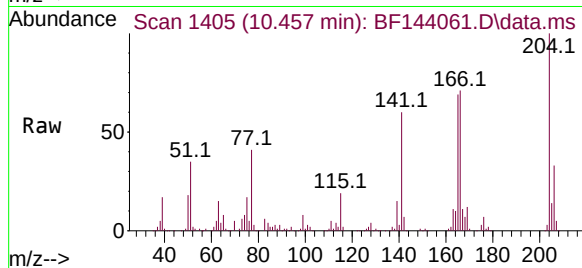




#61
4-Chlorophenyl-phenylether
Concen: 46.015 ng
RT: 10.457 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

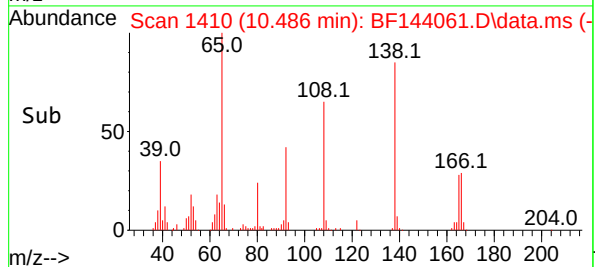
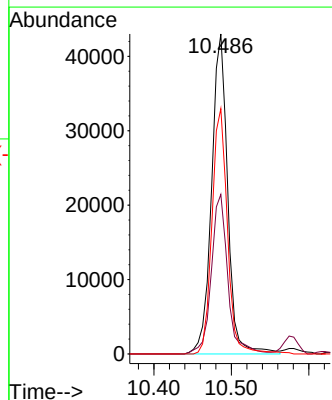
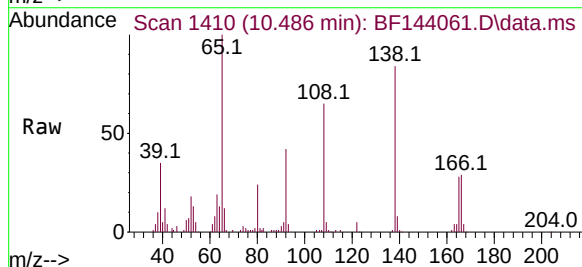
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

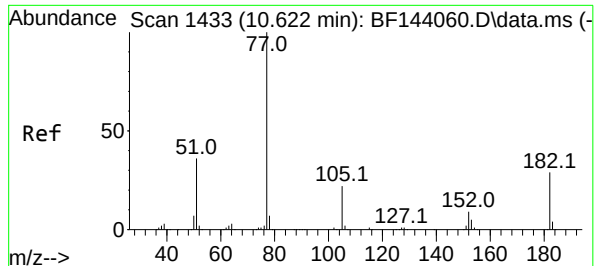
Tgt Ion:204 Resp: 141601
Ion Ratio Lower Upper
204 100
206 32.5 27.8 41.6
141 60.2 45.4 68.2



#62
4-Nitroaniline
Concen: 47.618 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:138 Resp: 62266
Ion Ratio Lower Upper
138 100
92 49.8 30.5 70.5
108 76.6 56.2 96.2

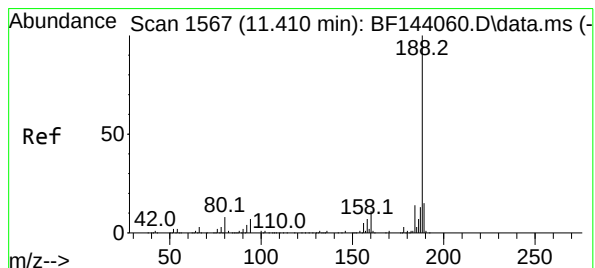
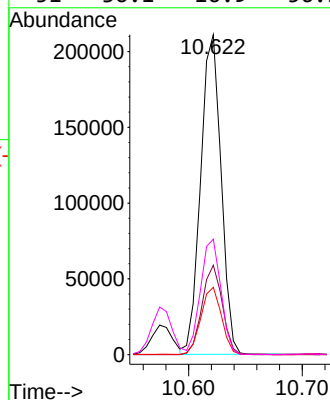
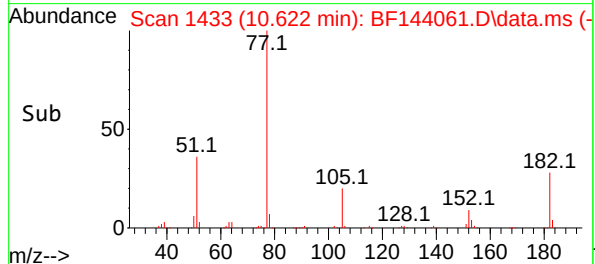
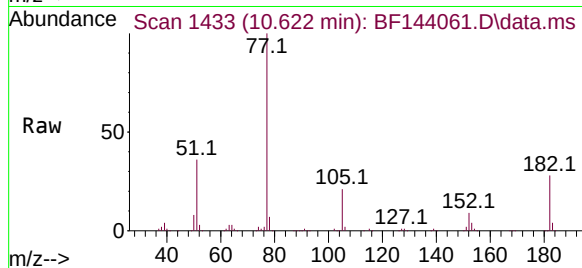




#63
Azobenzene
Concen: 47.243 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

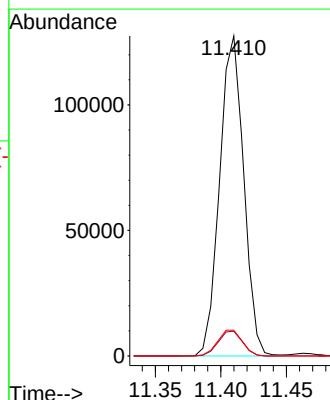
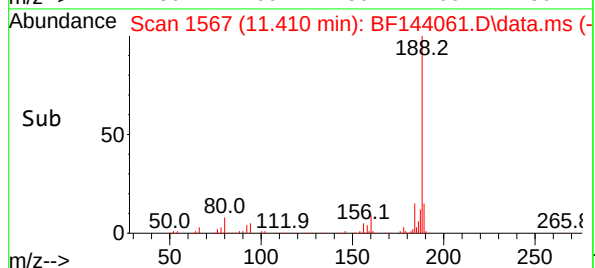
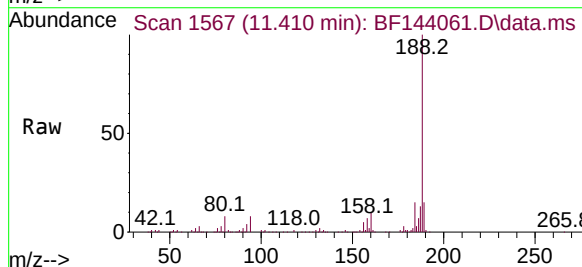
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

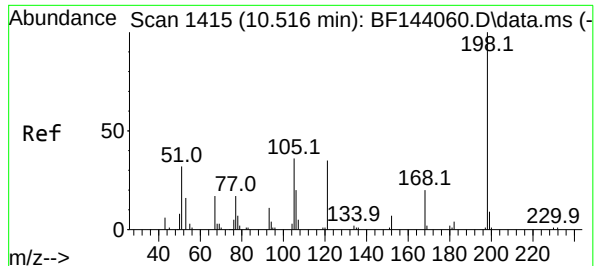
Tgt Ion: 77	Resp: 264030
Ion Ratio	Lower Upper
77 100	
182 27.9	9.0 49.0
105 21.0	1.4 41.4
51 36.1	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 188	Resp: 163068
Ion Ratio	Lower Upper
188 100	
94 7.7	5.4 8.0
80 8.0	6.0 9.0

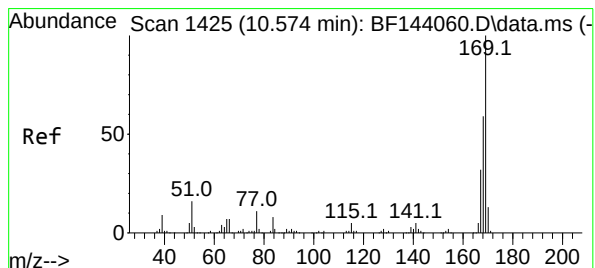
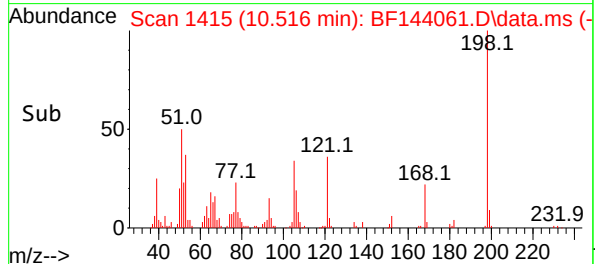
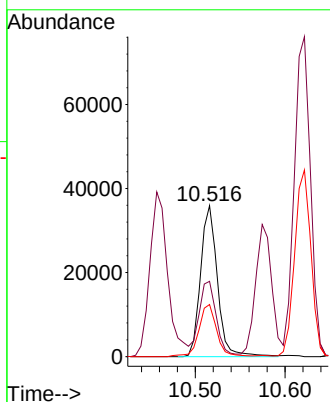
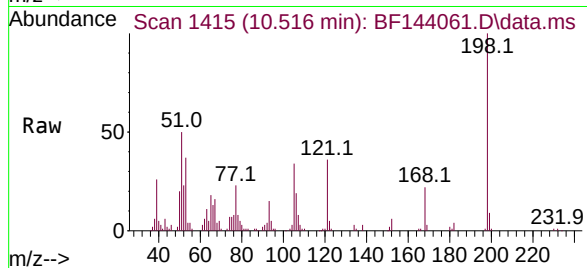




#65
4,6-Dinitro-2-methylphenol
Concen: 44.864 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

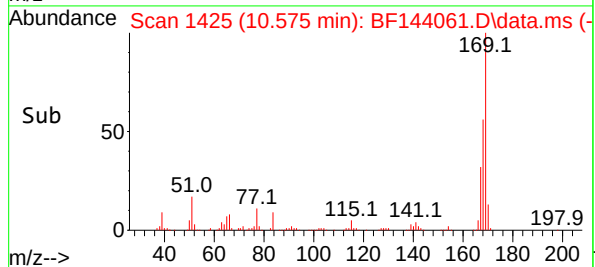
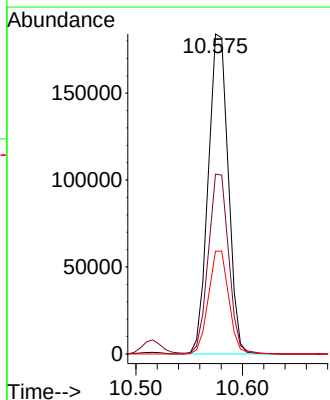
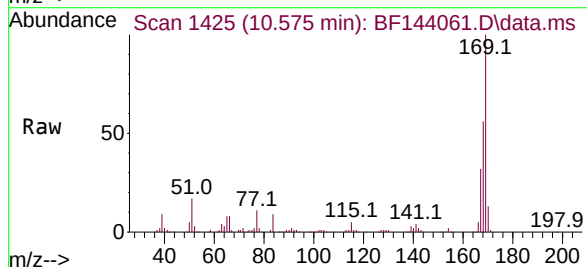
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

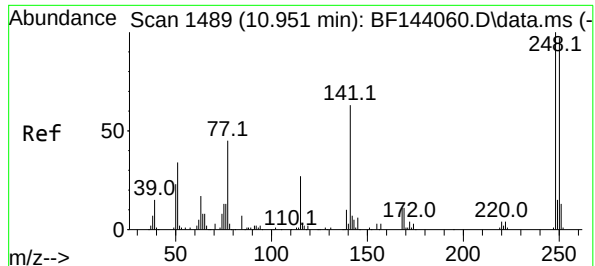
Tgt Ion:198 Resp: 46938
Ion Ratio Lower Upper
198 100
51 49.8 25.8 65.8
105 34.5 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 46.171 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:169 Resp: 240557
Ion Ratio Lower Upper
169 100
168 56.2 47.4 71.2
167 32.1 25.5 38.3

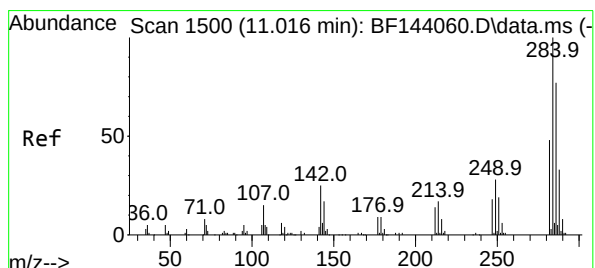
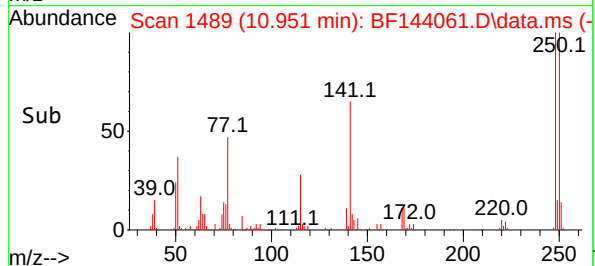
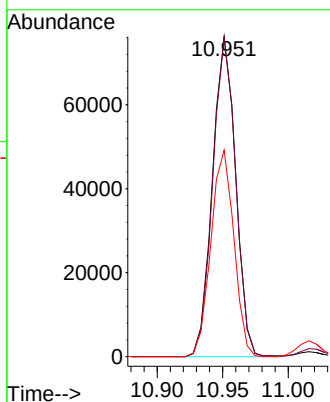
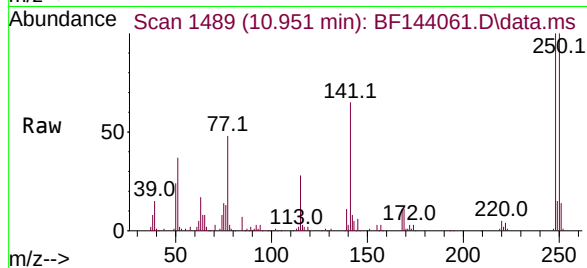




#67
4-Bromophenyl-phenylether
Concen: 45.996 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

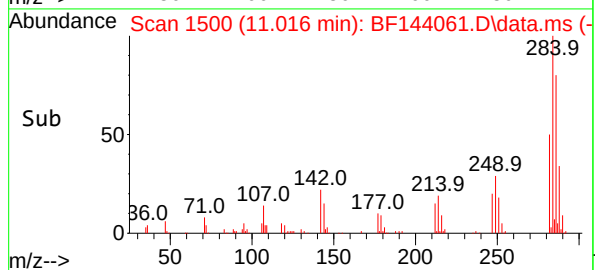
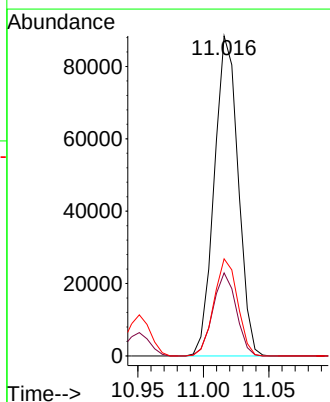
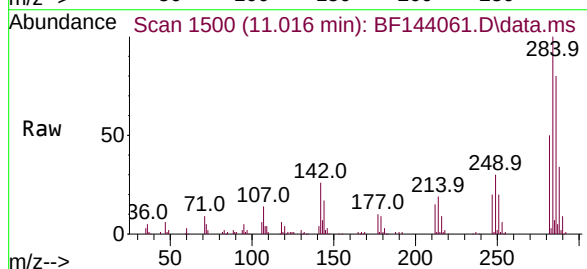
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

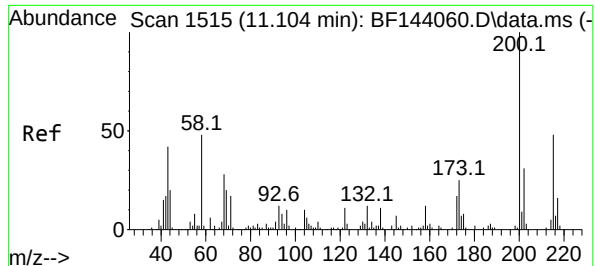
Tgt Ion:248 Resp: 93911
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 64.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 44.706 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:284 Resp: 111943
Ion Ratio Lower Upper
284 100
142 25.9 20.0 30.0
249 30.3 22.2 33.2





#69

Atrazine

Concen: 44.162 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

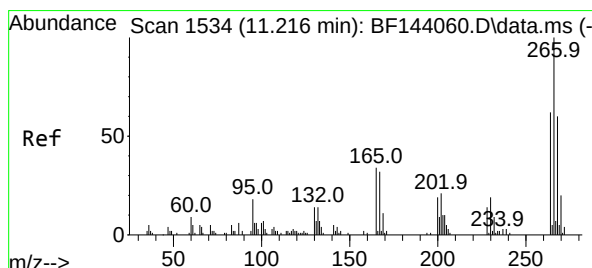
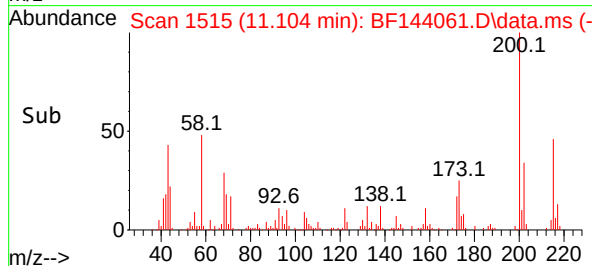
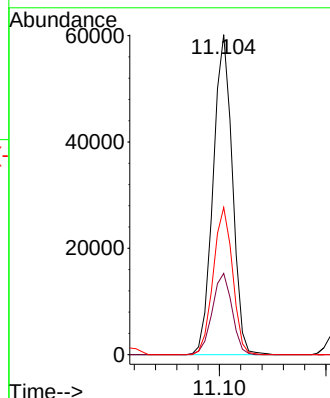
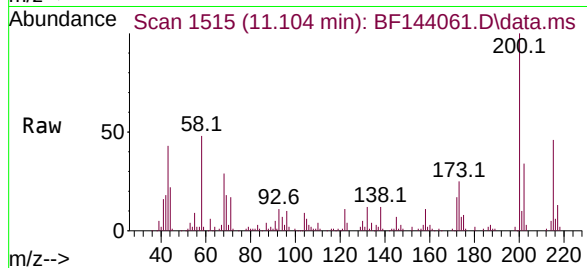
Tgt Ion:200 Resp: 75502

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 46.0 28.2 68.2



#70

Pentachlorophenol

Concen: 48.981 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

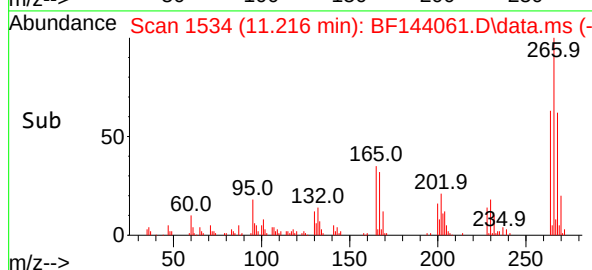
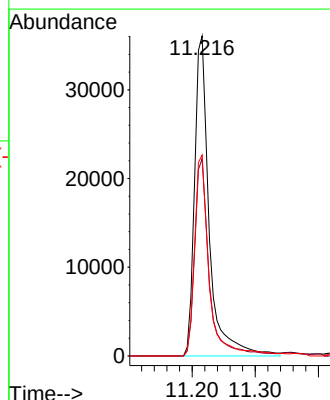
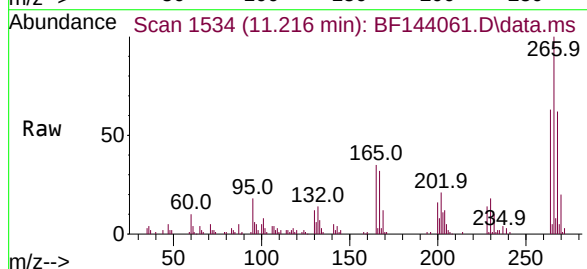
Tgt Ion:266 Resp: 58380

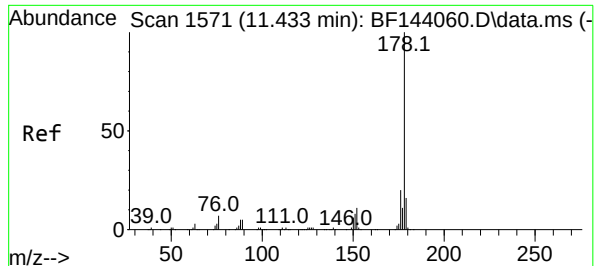
Ion Ratio Lower Upper

266 100

268 61.6 48.2 72.4

264 62.8 49.4 74.0

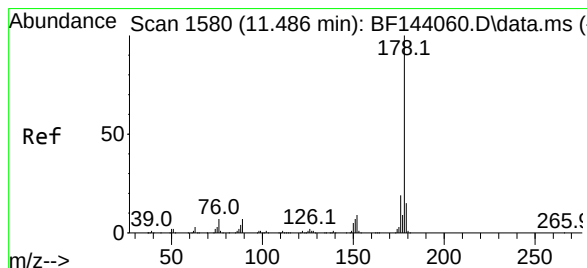
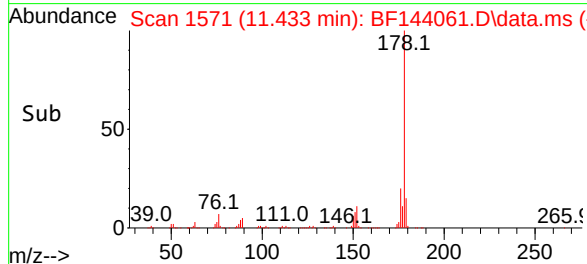
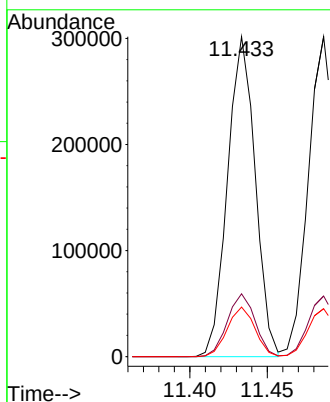
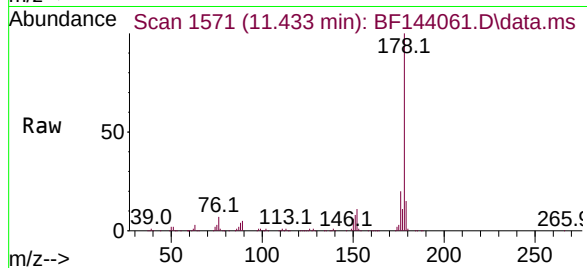




#71
Phenanthrene
Concen: 46.205 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

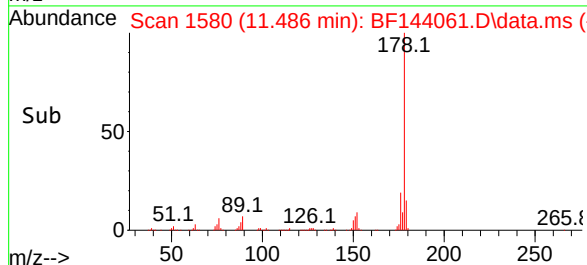
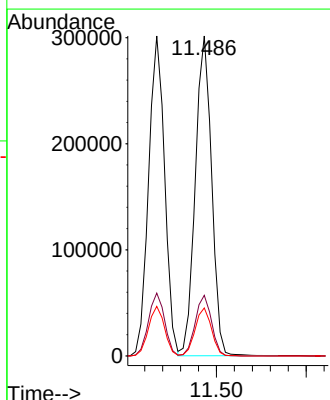
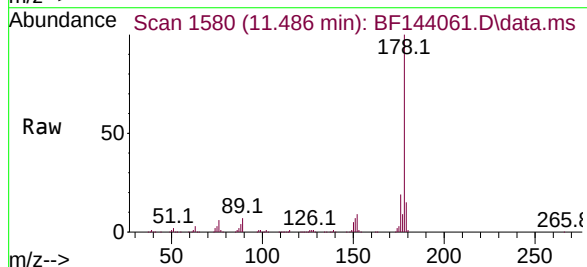
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

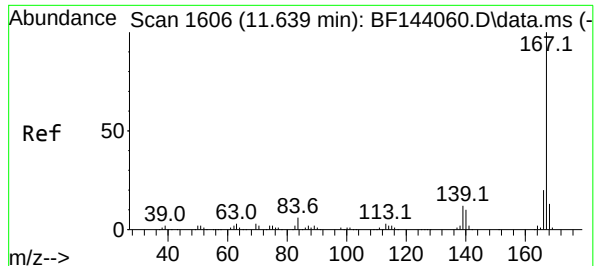
Tgt Ion:178 Resp: 374285
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.5 12.6 18.8



#72
Anthracene
Concen: 45.423 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

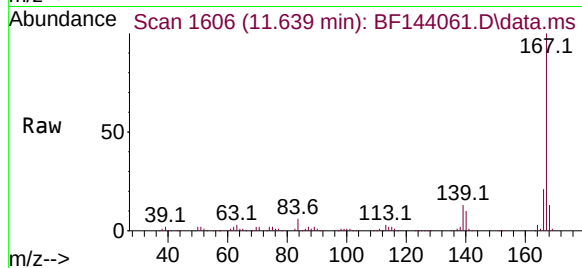
Tgt Ion:178 Resp: 380096
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.0 11.8 17.6



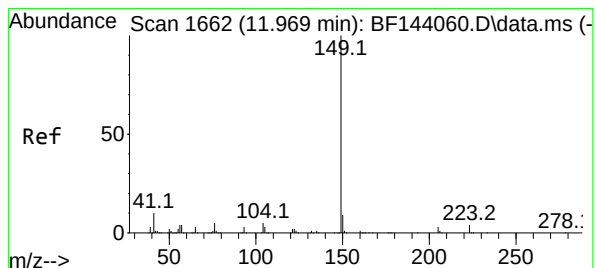
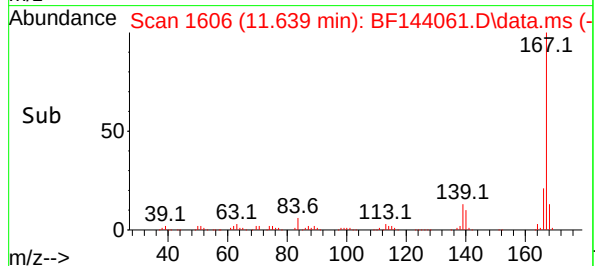
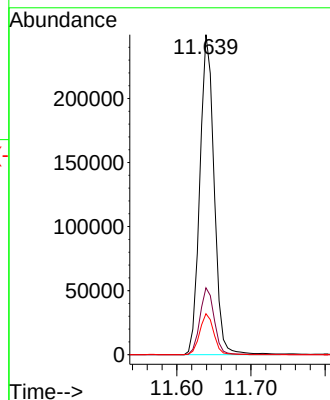


#73
Carbazole
Concen: 46.845 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

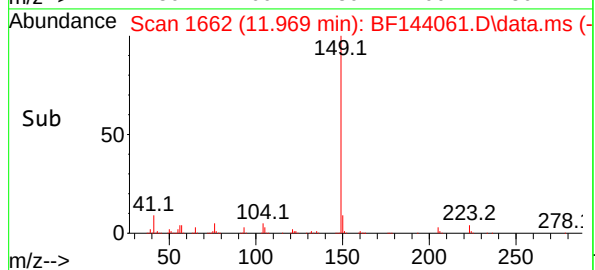
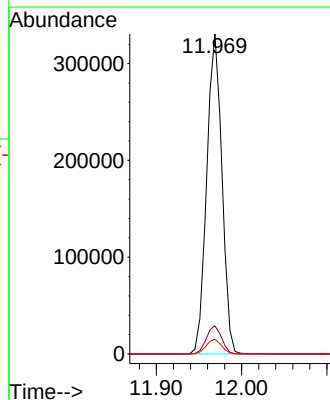
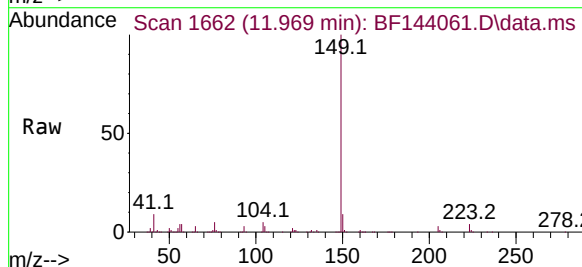


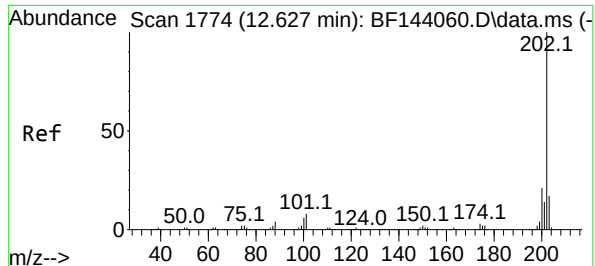
Tgt Ion:167 Resp: 333654
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 12.8 9.8 14.6



#74
Di-n-butylphthalate
Concen: 46.795 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 408630
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 4.6 3.6 5.4

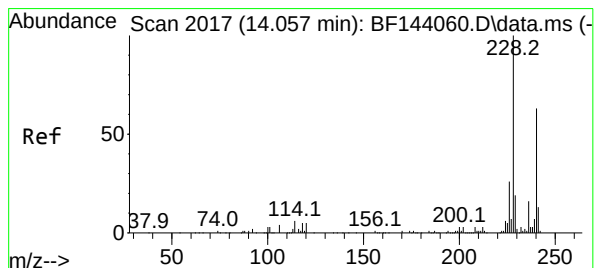
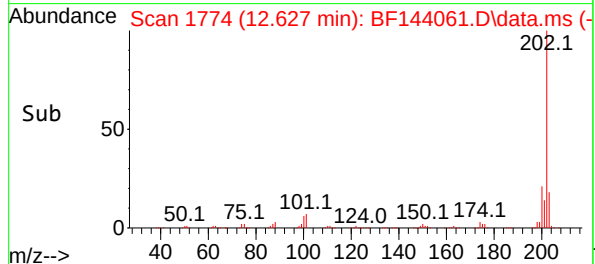
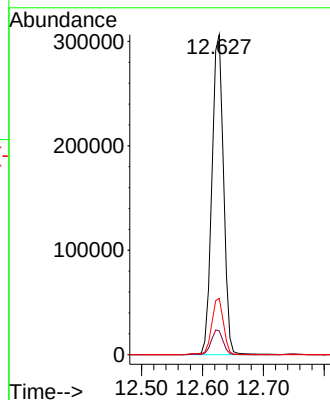
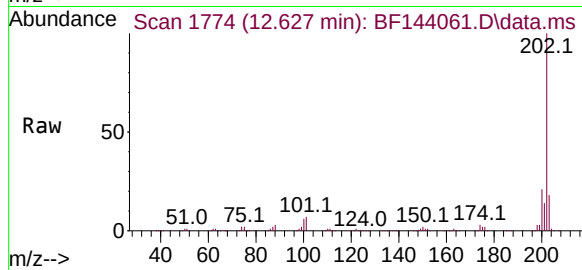




#75
Fluoranthene
Concen: 45.411 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

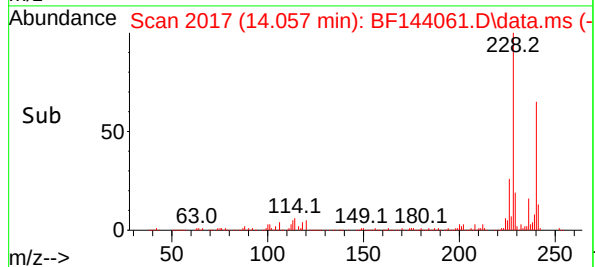
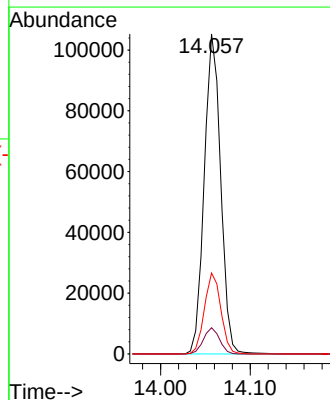
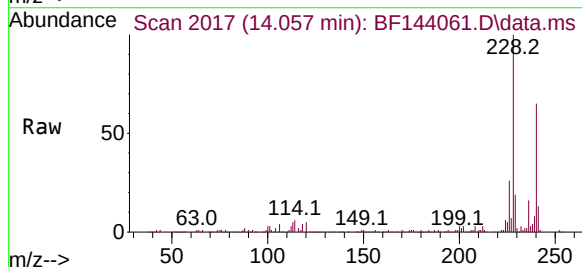
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

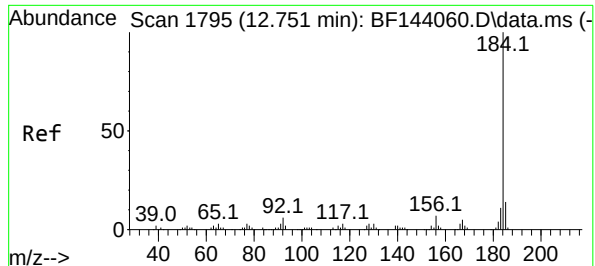
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.7
203	17.6	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.3	20.1	30.1





#77

Benzidine

Concen: 41.214 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

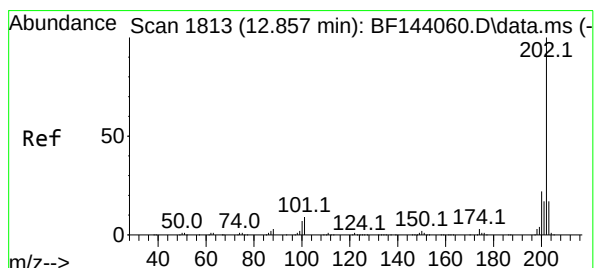
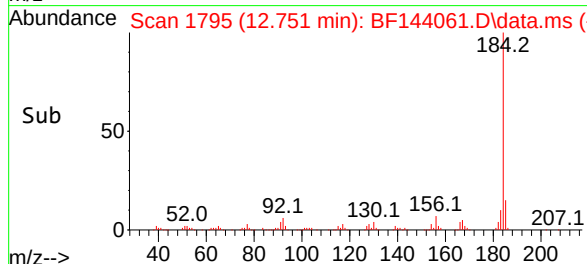
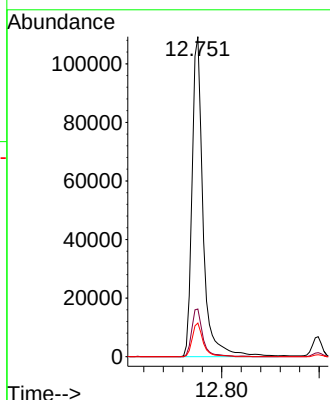
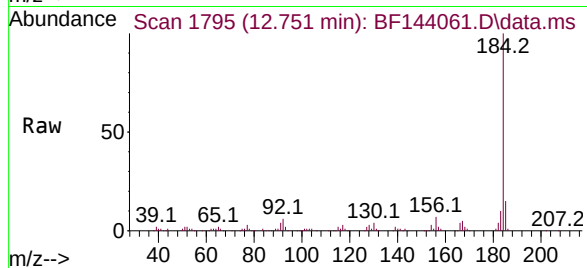
Tgt Ion:184 Resp: 171303

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.5 8.5 12.7



#78

Pyrene

Concen: 45.038 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

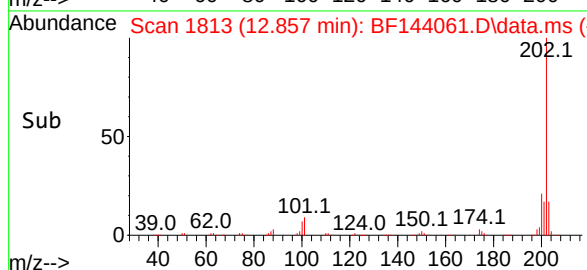
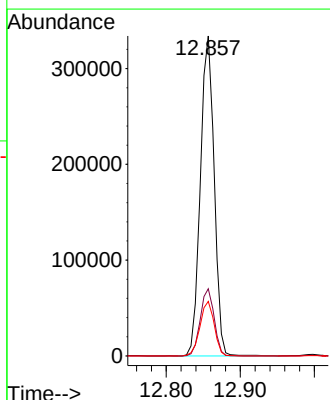
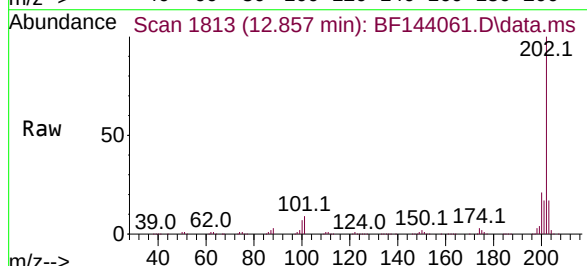
Tgt Ion:202 Resp: 432441

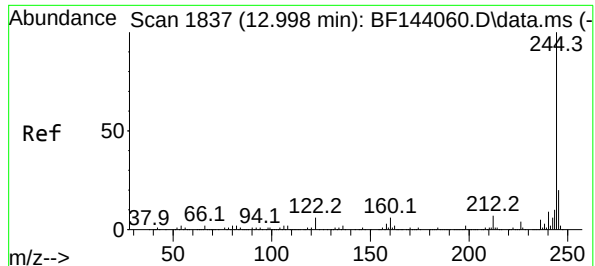
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 87.573 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

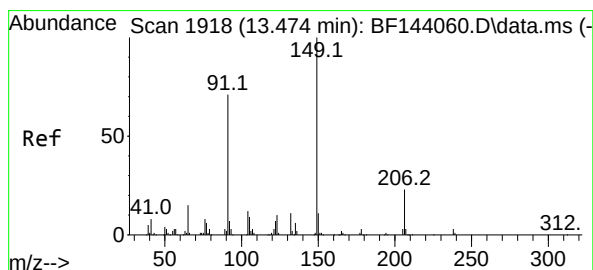
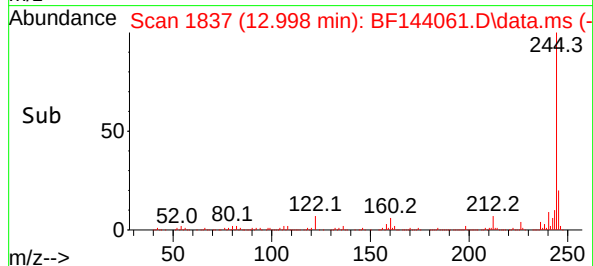
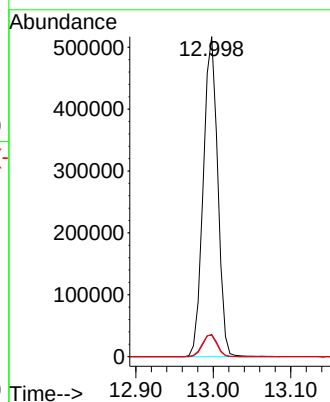
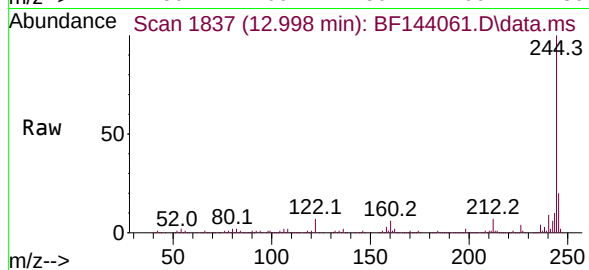
Tgt Ion:244 Resp: 669013

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.6 4.9 7.3



#80

Butylbenzylphthalate

Concen: 45.417 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

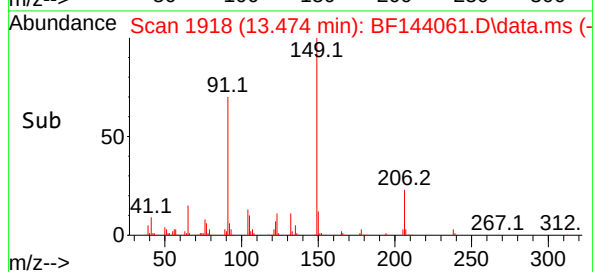
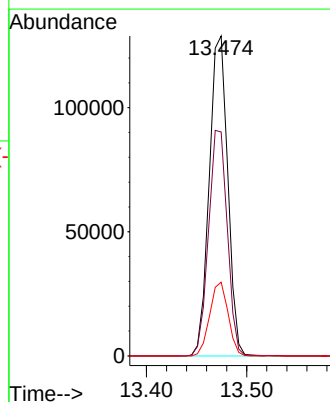
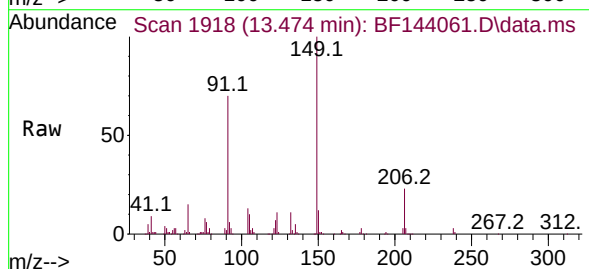
Tgt Ion:149 Resp: 164976

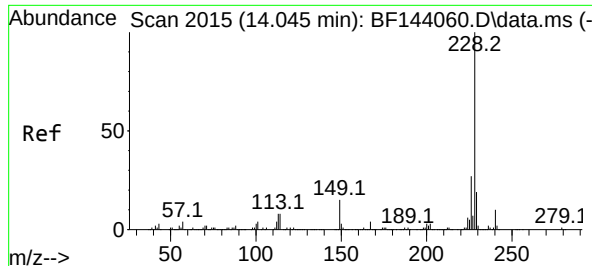
Ion Ratio Lower Upper

149 100

91 70.0 56.6 84.8

206 23.0 18.3 27.5

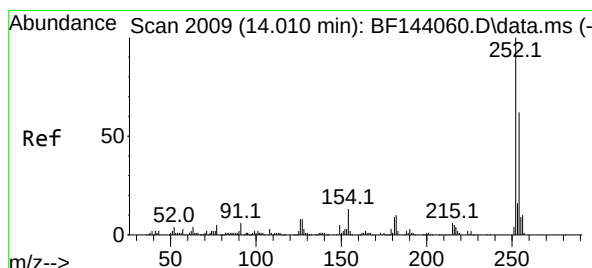
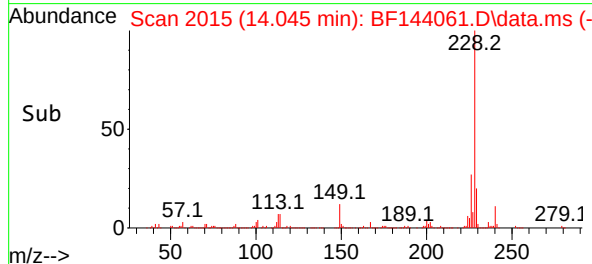
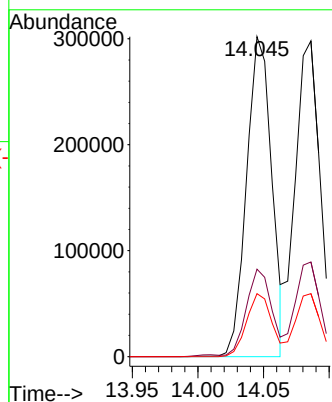
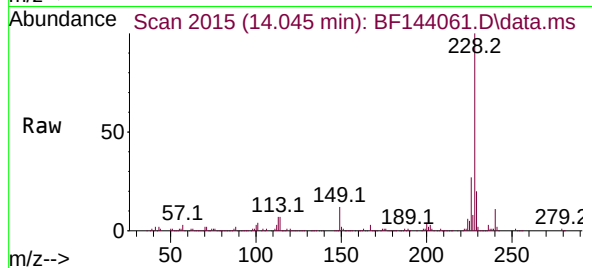




#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

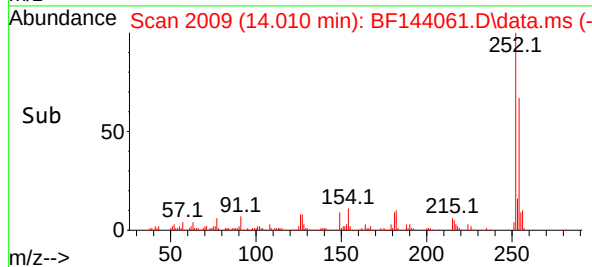
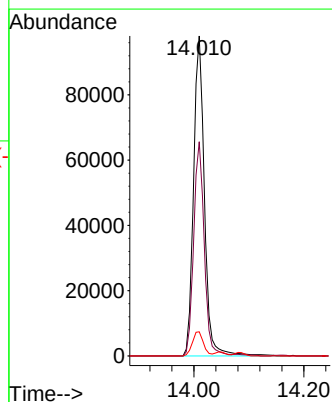
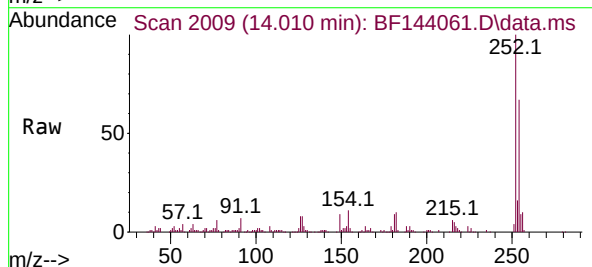
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

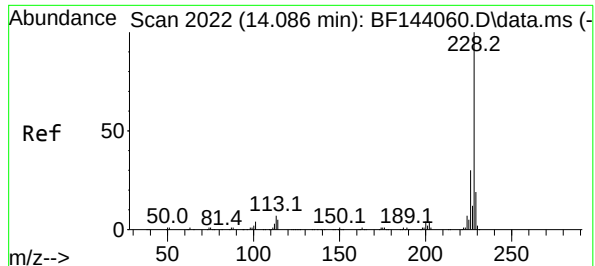
Tgt Ion:228 Resp: 402629
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 42.940 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:252 Resp: 134912
Ion Ratio Lower Upper
252 100
254 66.9 49.9 74.9
126 7.5 6.5 9.7

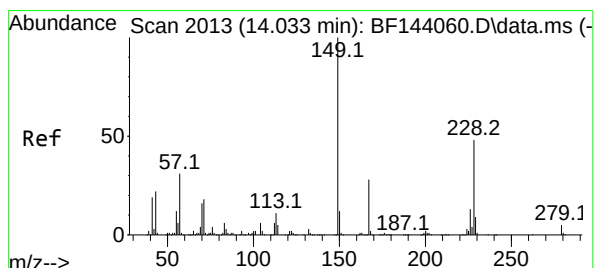
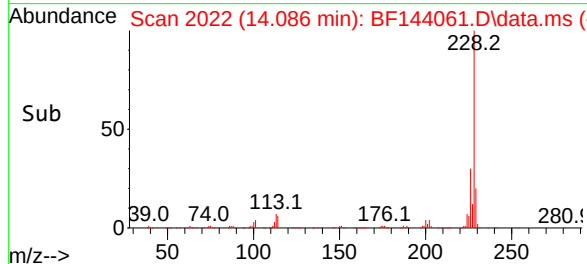
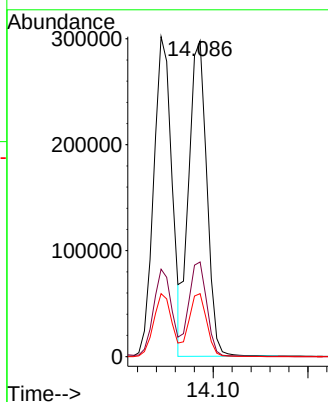
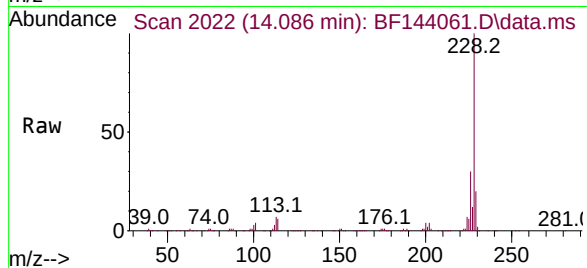




#83
Chrysene
Concen: 46.461 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

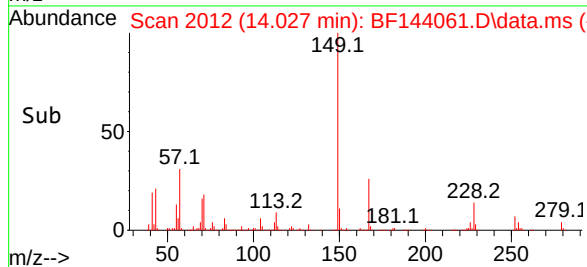
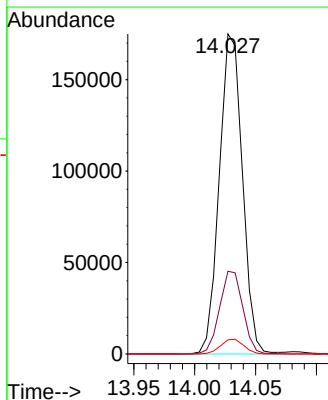
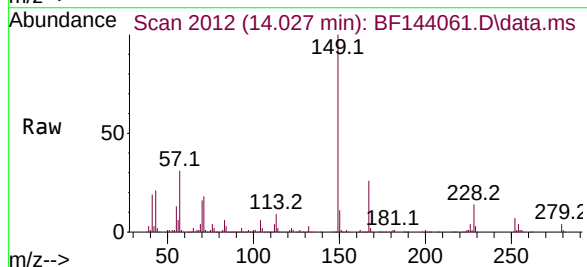
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

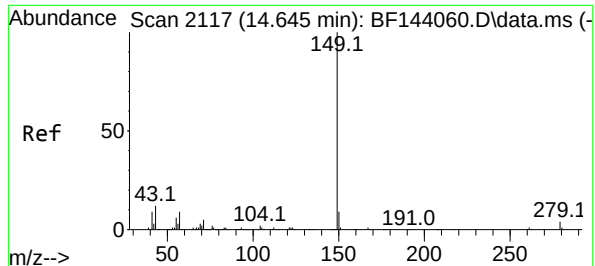
Tgt Ion:228 Resp: 393508
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.450 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 230343
Ion Ratio Lower Upper
149 100
167 25.8 22.5 33.7
279 4.4 3.6 5.4

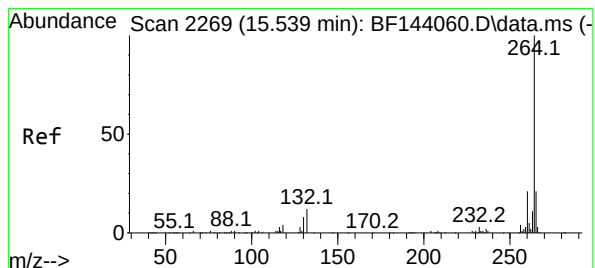
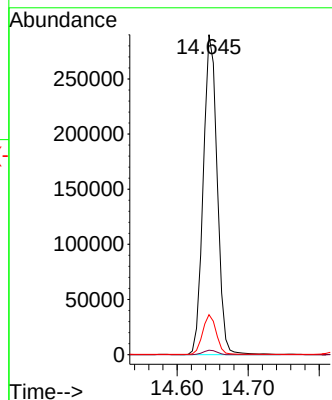
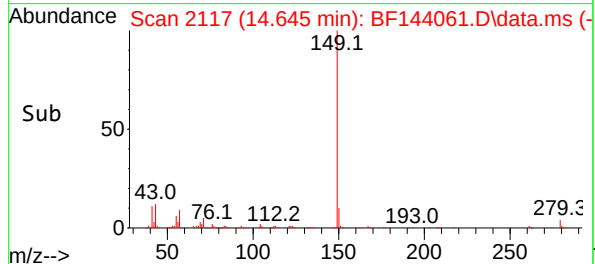
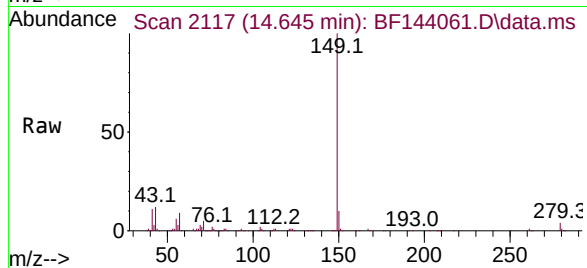




#85
Di-n-octyl phthalate
Concen: 46.156 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

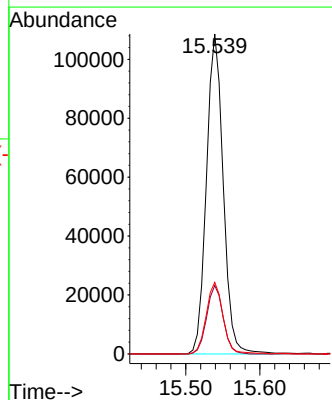
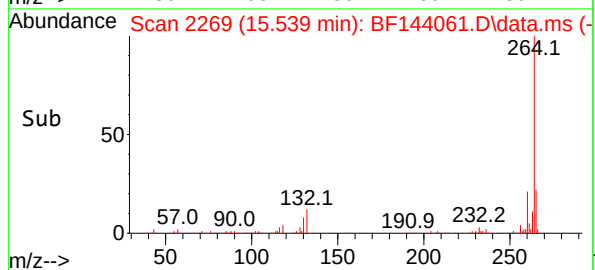
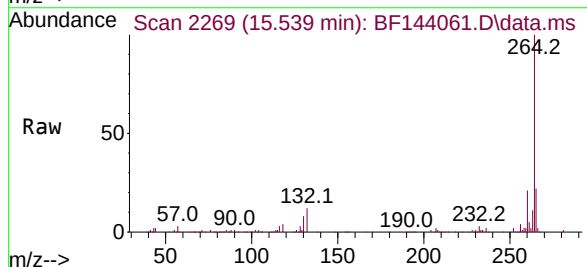
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

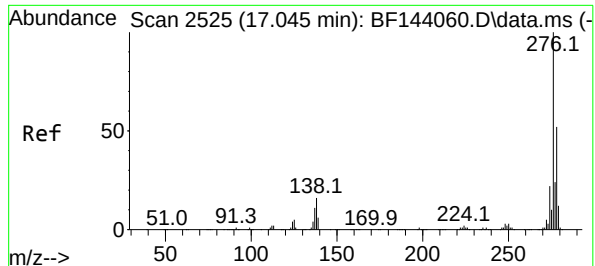
Tgt Ion:149 Resp: 393623
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.3 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

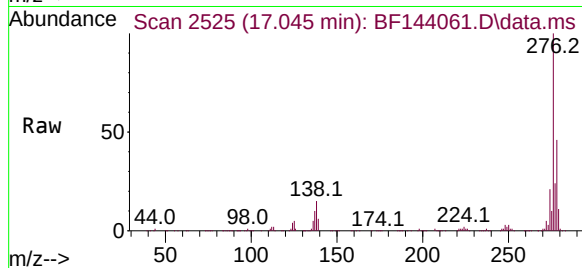
Tgt Ion:264 Resp: 170761
Ion Ratio Lower Upper
264 100
260 21.4 17.0 25.4
265 22.4 16.6 24.8



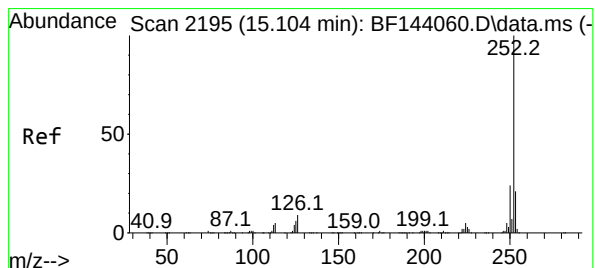
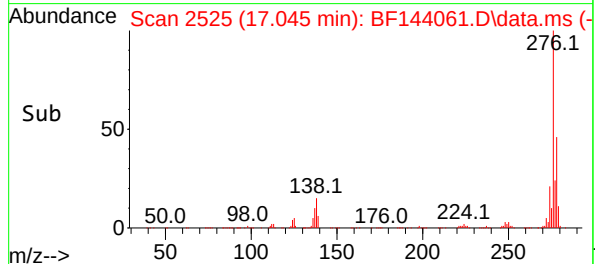
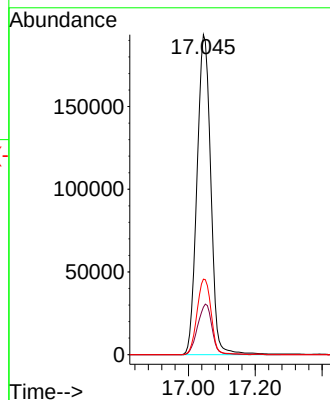


#87
Indeno(1,2,3-cd)pyrene
Concen: 47.151 ng
RT: 17.045 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

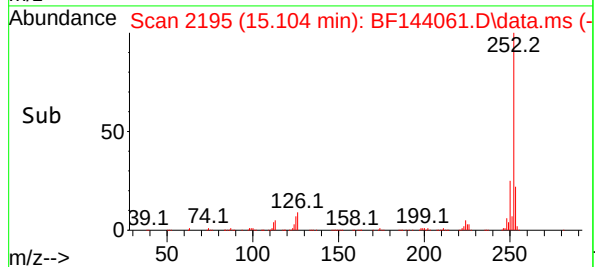
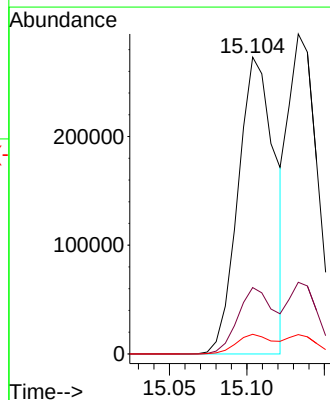
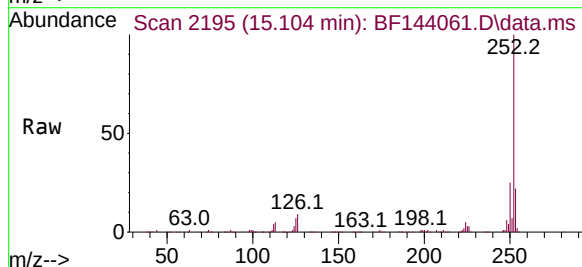


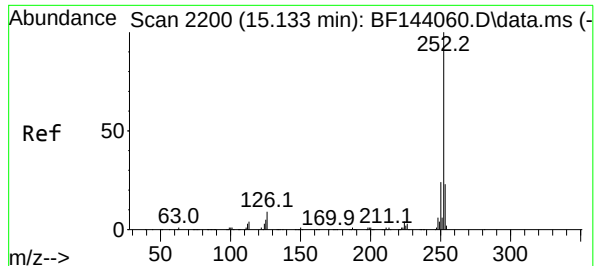
Tgt Ion:276 Resp: 552781
Ion Ratio Lower Upper
276 100
138 16.4 13.0 19.6
277 24.2 19.4 29.0



#88
Benzo(b)fluoranthene
Concen: 46.646 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:252 Resp: 450302
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 6.6 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.445 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

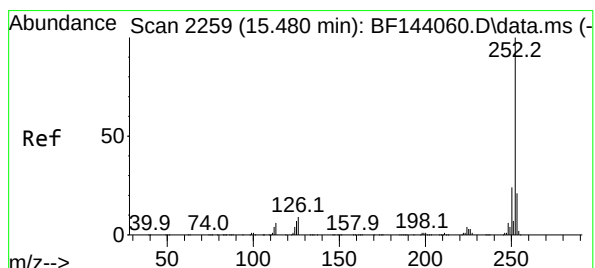
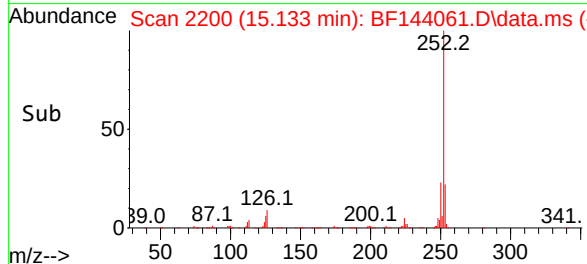
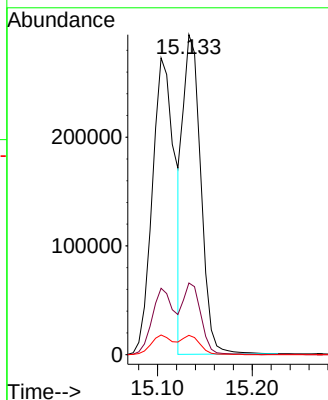
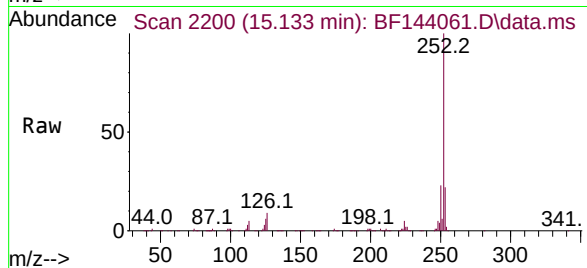
Tgt Ion:252 Resp: 386955

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 46.436 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

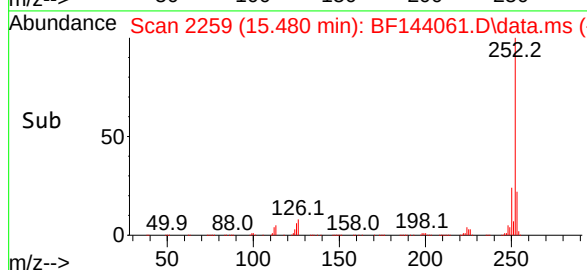
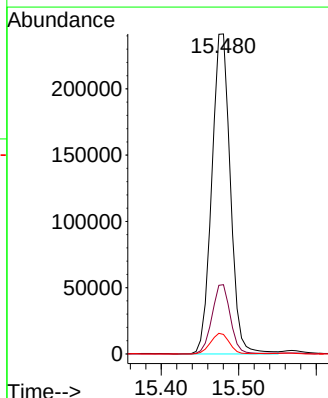
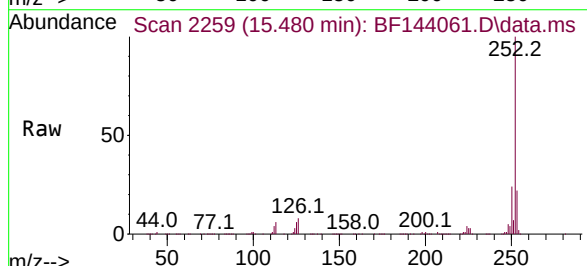
Tgt Ion:252 Resp: 402167

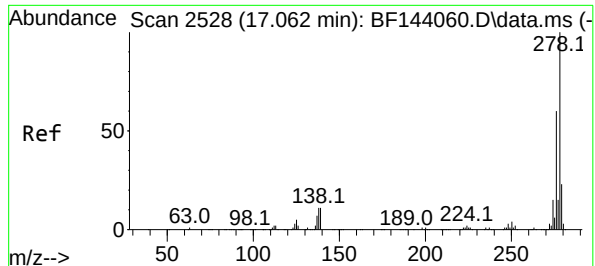
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 6.1 5.4 8.2

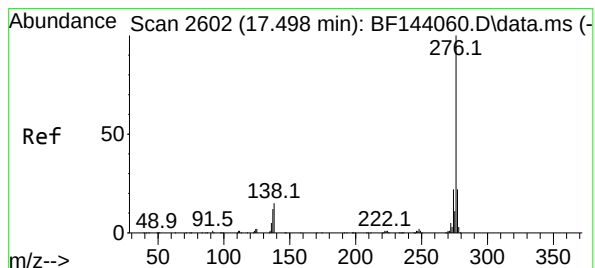
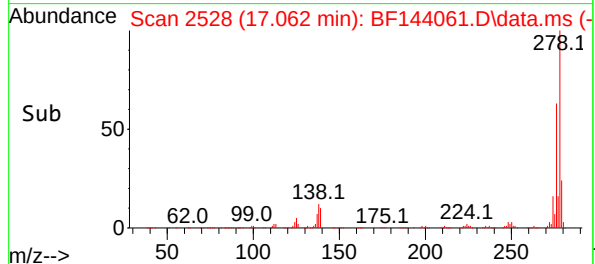
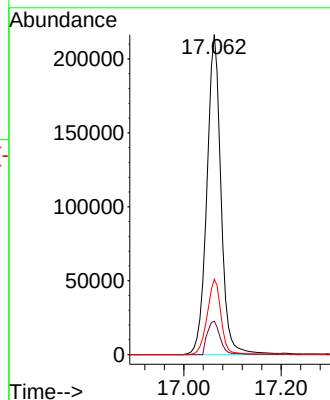
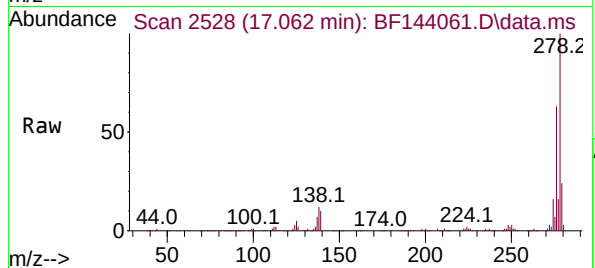




#91
Dibenzo(a,h)anthracene
Concen: 47.119 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

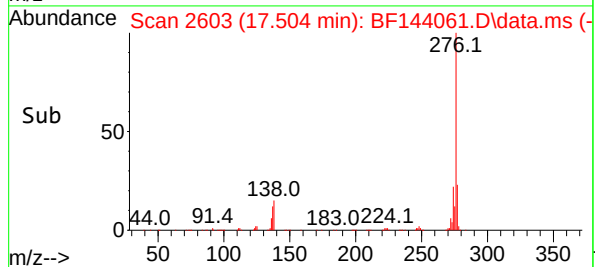
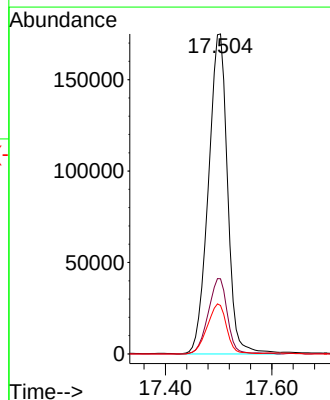
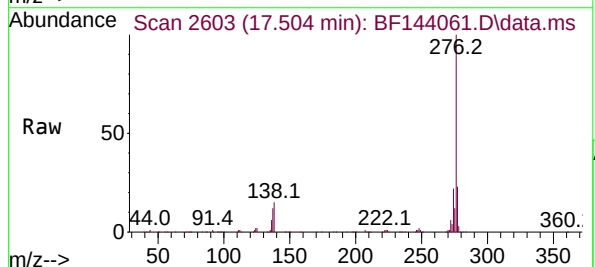
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 437275
Ion Ratio Lower Upper
278 100
139 10.4 8.5 12.7
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.804 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:276 Resp: 436689
Ion Ratio Lower Upper
276 100
277 23.5 17.9 26.9
138 15.1 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144063.D
 Acq On : 24 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58739	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	209353	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	112793	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	191608	20.000	ng	0.00
76) Chrysene-d12	14.062	240	151514	20.000	ng	0.00
86) Perylene-d12	15.539	264	200004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	510582	137.523	ng	0.00
7) Phenol-d6	6.516	99	560479	136.693	ng	0.01
23) Nitrobenzene-d5	7.451	82	552167	144.501	ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	212808	148.116	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1050410	131.050	ng	0.00
79) Terphenyl-d14	13.004	244	1234056	142.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	113019	70.445	ng	97
3) Pyridine	3.398	79	321948	74.957	ng	97
4) n-Nitrosodimethylamine	3.369	42	201953	76.521	ng	97
6) Aniline	6.545	93	393504	67.082	ng	92
8) 2-Chlorophenol	6.669	128	250635	68.549	ng	97
9) Benzaldehyde	6.434	77	244035	76.656	ng	96
10) Phenol	6.528	94	339521	67.118	ng	87
11) bis(2-Chloroethyl)ether	6.622	93	254160	69.532	ng	99
12) 1,3-Dichlorobenzene	6.822	146	305526	67.741	ng	98
13) 1,4-Dichlorobenzene	6.898	146	304178	68.434	ng	99
14) 1,2-Dichlorobenzene	7.051	146	287786	66.915	ng	99
15) Benzyl Alcohol	7.028	79	240927	72.263	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	478809	69.697	ng	93
17) 2-Methylphenol	7.134	107	193458	68.795	ng	97
18) Hexachloroethane	7.392	117	112050	70.510	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	190167	71.721	ng	99
20) 3+4-Methylphenols	7.292	107	227718	68.500	ng	# 86
22) Acetophenone	7.298	105	310700	68.672	ng	99
24) Nitrobenzene	7.469	77	294221	72.786	ng	98
25) Isophorone	7.710	82	487685	73.000	ng	100
26) 2-Nitrophenol	7.781	139	138311	71.925	ng	97
27) 2,4-Dimethylphenol	7.816	122	207224	72.515	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	293996	70.566	ng	98
29) 2,4-Dichlorophenol	8.022	162	230075	69.232	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	239831	70.150	ng	97
31) Naphthalene	8.186	128	660164	66.812	ng	98
32) Benzoic acid	7.945	122	135524	74.766	ng	88
33) 4-Chloroaniline	8.233	127	239182	69.535	ng	97
34) Hexachlorobutadiene	8.304	225	196083	70.141	ng	98
35) Caprolactam	8.622	113	62887	75.462	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	209253	71.352	ng	96
37) 2-Methylnaphthalene	8.880	142	438984	67.385	ng	97
38) 1-Methylnaphthalene	8.975	142	418223	67.761	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	263109	67.873	ng	99
41) Hexachlorocyclopentadiene	9.028	237	99937	83.468	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	173959	69.040	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144063.D
 Acq On : 24 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

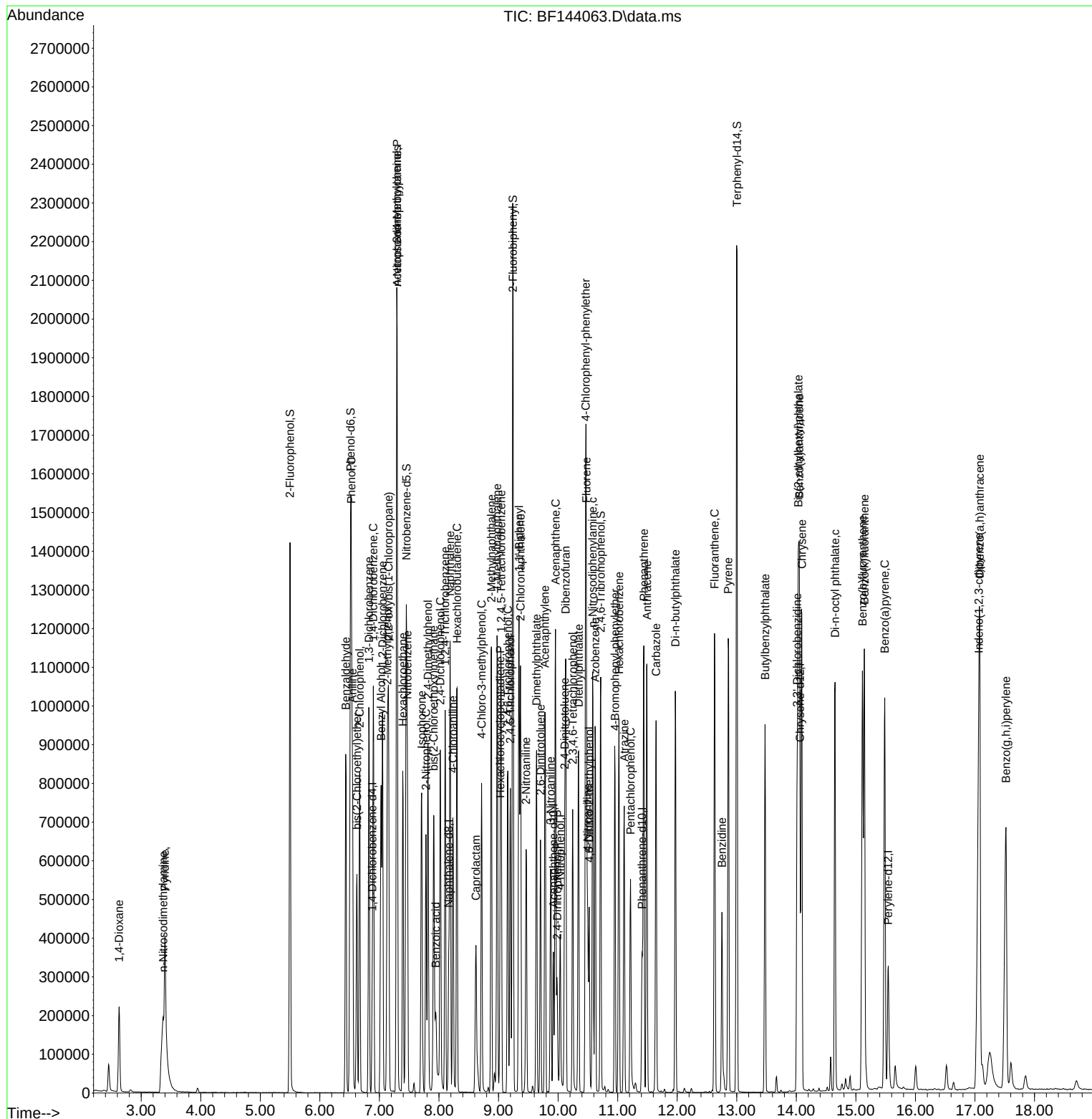
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189248	71.565	ng	96
46) 1,1'-Biphenyl	9.345	154	530392	65.690	ng	99
47) 2-Chloronaphthalene	9.369	162	446307	65.979	ng	99
48) 2-Nitroaniline	9.463	65	148164	73.762	ng	99
49) Acenaphthylene	9.780	152	603127	66.126	ng	100
50) Dimethylphthalate	9.639	163	517194	69.954	ng	99
51) 2,6-Dinitrotoluene	9.704	165	108081	73.947	ng	97
52) Acenaphthene	9.957	154	412422	67.707	ng	98
53) 3-Nitroaniline	9.875	138	112811	69.421	ng	88
54) 2,4-Dinitrophenol	9.986	184	62962	79.646	ng	94
55) Dibenzofuran	10.127	168	560264	66.253	ng	99
56) 4-Nitrophenol	10.033	139	83091	75.509	ng	99
57) 2,4-Dinitrotoluene	10.110	165	145667	73.844	ng	97
58) Fluorene	10.474	166	426390	66.175	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133917	71.865	ng	# 97
60) Diethylphthalate	10.345	149	488605	70.274	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	238684	65.871	ng	98
62) 4-Nitroaniline	10.492	138	113935	73.997	ng	98
63) Azobenzene	10.622	77	460222	69.934	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	88545	72.027	ng	92
66) n-Nitrosodiphenylamine	10.580	169	415732	67.908	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	164677	68.643	ng	100
68) Hexachlorobenzene	11.022	284	205267	69.766	ng	97
69) Atrazine	11.110	200	129646	64.536	ng	98
70) Pentachlorophenol	11.216	266	110717	79.055	ng	97
71) Phenanthrene	11.439	178	654557	68.769	ng	99
72) Anthracene	11.492	178	656473	66.765	ng	99
73) Carbazole	11.645	167	565232	67.538	ng	97
74) Di-n-butylphthalate	11.969	149	723962	70.556	ng	99
75) Fluoranthene	12.627	202	731393	69.552	ng	99
77) Benzidine	12.751	184	282392	59.887	ng	99
78) Pyrene	12.857	202	749362	68.794	ng	99
80) Butylbenzylphthalate	13.474	149	303486	73.645	ng	97
81) Benzo(a)anthracene	14.051	228	743007	72.564	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	258546	72.536	ng	100
83) Chrysene	14.092	228	708889	73.777	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	406325	72.226	ng	99
85) Di-n-octyl phthalate	14.651	149	714909	73.894	ng	96
87) Indeno(1,2,3-cd)pyrene	17.062	276	1010103	73.561	ng	98
88) Benzo(b)fluoranthene	15.109	252	840121	74.302	ng	99
89) Benzo(k)fluoranthene	15.145	252	708890	67.953	ng	99
90) Benzo(a)pyrene	15.486	252	727345	71.704	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	797474	73.369	ng	99
92) Benzo(g,h,i)perylene	17.521	276	811620	74.269	ng	98

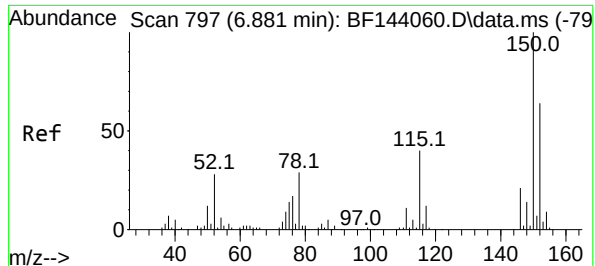
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144063.D
Acq On : 24 Oct 2025 14:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

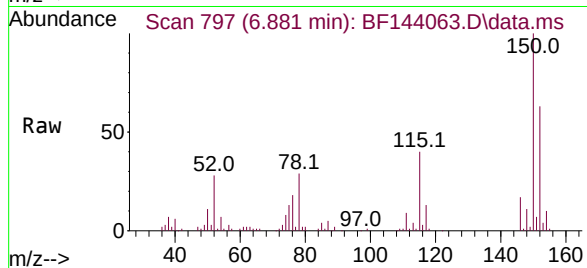
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



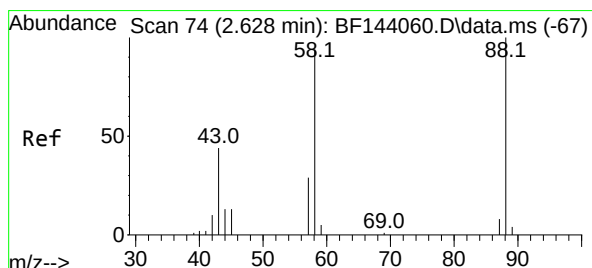
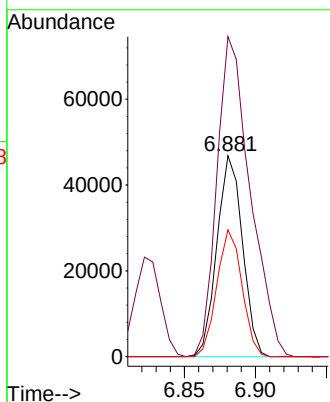
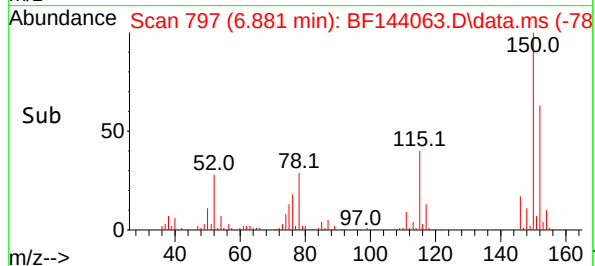


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

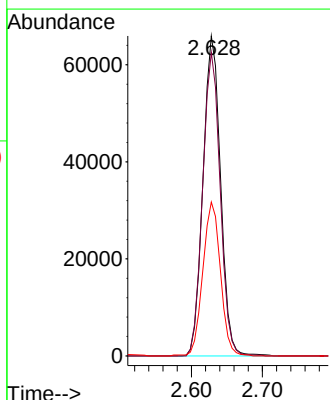
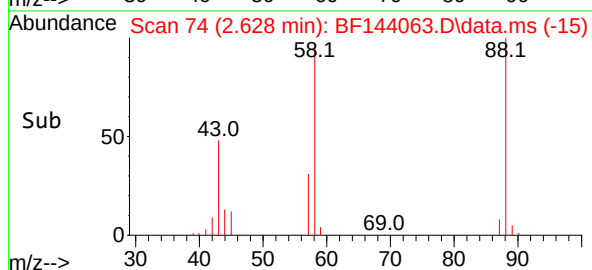
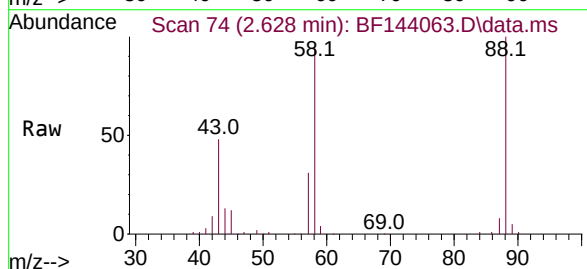


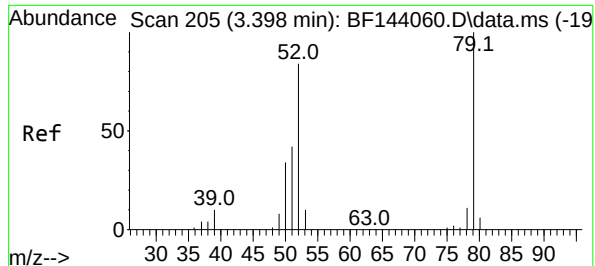
Tgt Ion:152 Resp: 58739
Ion Ratio Lower Upper
152 100
150 159.3 124.4 186.6
115 63.2 49.4 74.0



#2
1,4-Dioxane
Concen: 70.445 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 88 Resp: 113019
Ion Ratio Lower Upper
88 100
58 94.6 76.5 114.7
43 48.3 35.3 52.9

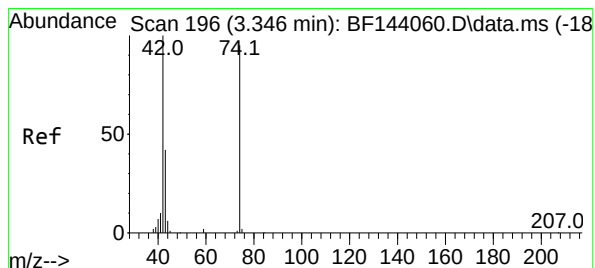
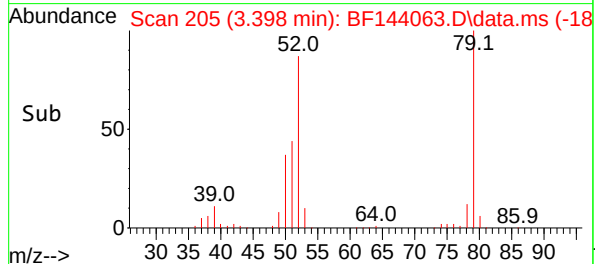
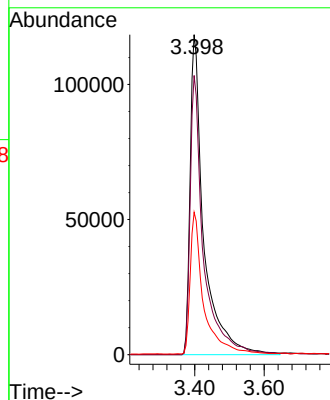
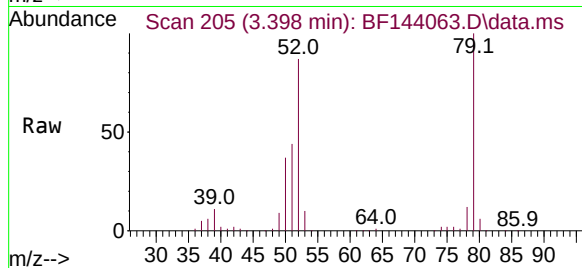




#3
Pyridine
Concen: 74.957 ng
RT: 3.398 min Scan# 200
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

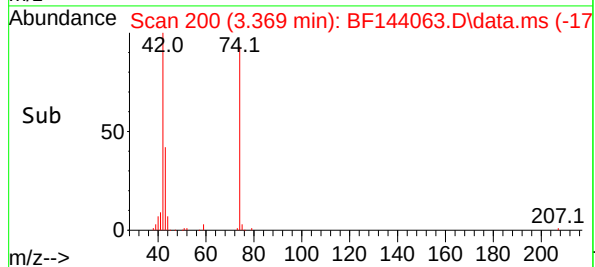
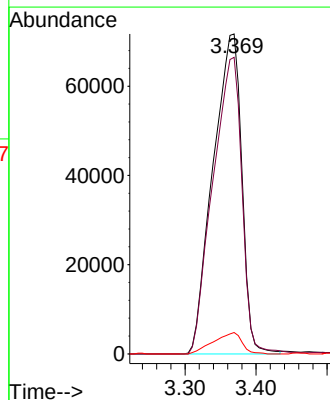
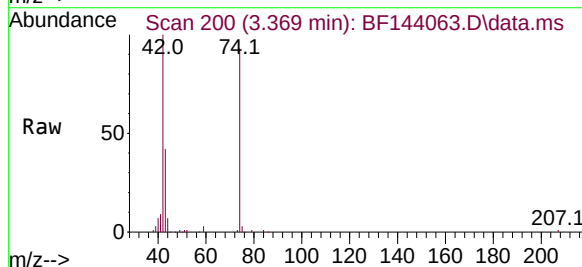
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

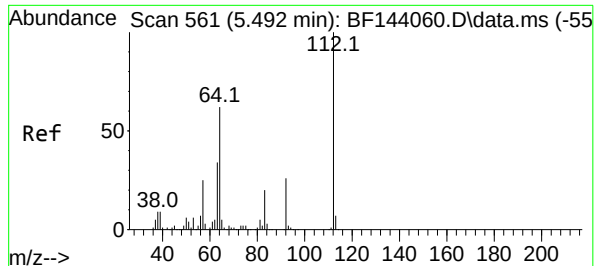
Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.3	67.5	101.3
51	44.5	33.6	50.4



#4
n-Nitrosodimethylamine
Concen: 76.521 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.024 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	92.7	76.4	114.6
44	6.7	5.2	7.8

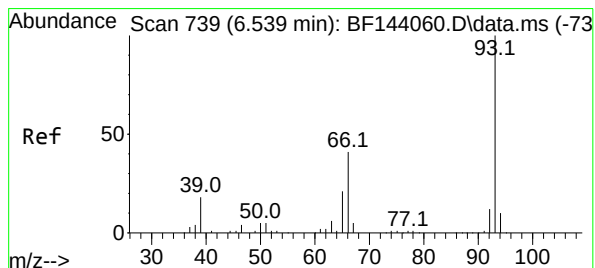
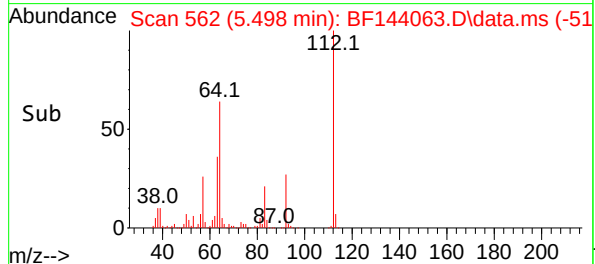
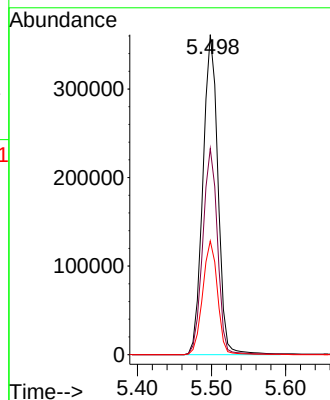
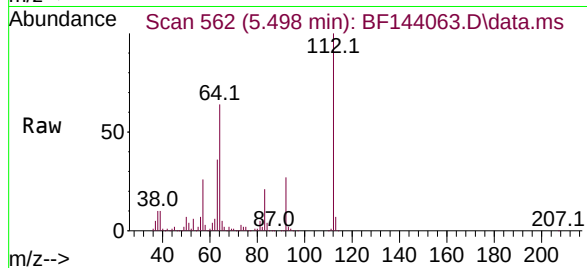




#5
2-Fluorophenol
Concen: 137.523 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

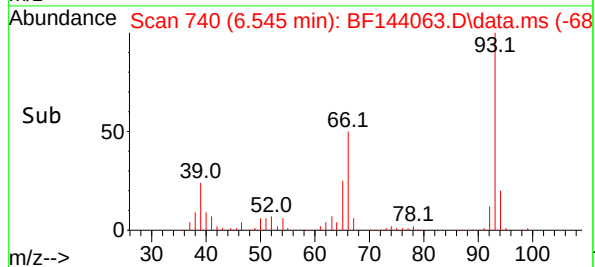
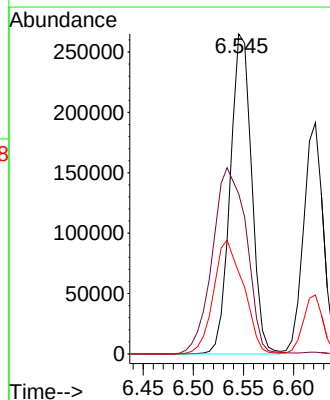
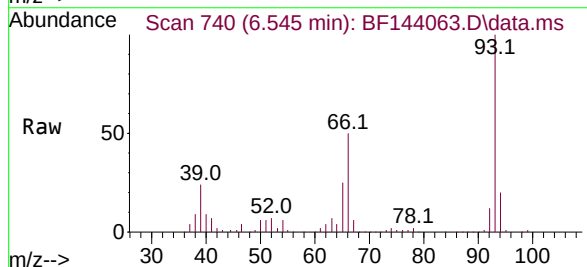
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

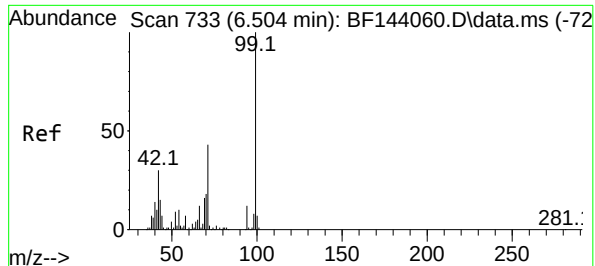
Tgt Ion:112 Resp: 510582
Ion Ratio Lower Upper
112 100
64 64.4 49.8 74.8
63 35.5 27.4 41.2



#6
Aniline
Concen: 67.082 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 393504
Ion Ratio Lower Upper
93 100
66 50.0 35.7 53.5
65 25.4 17.0 25.6

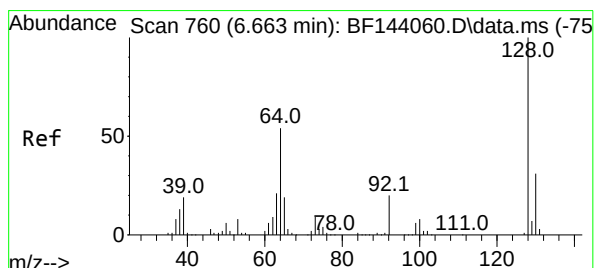
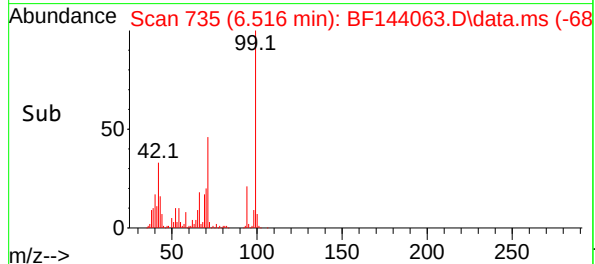
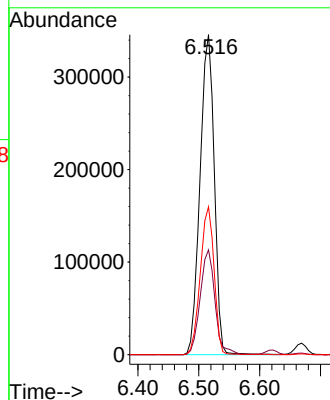
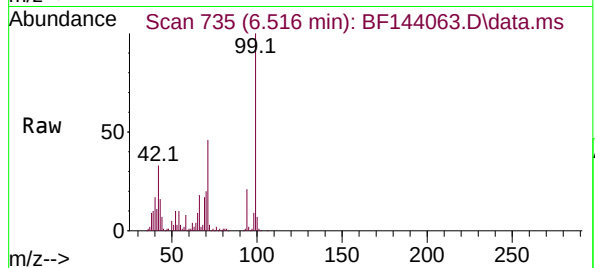




#7
Phenol-d6
Concen: 136.693 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

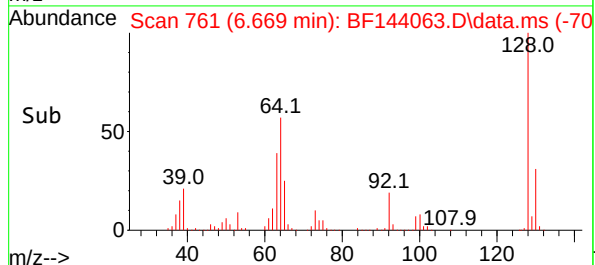
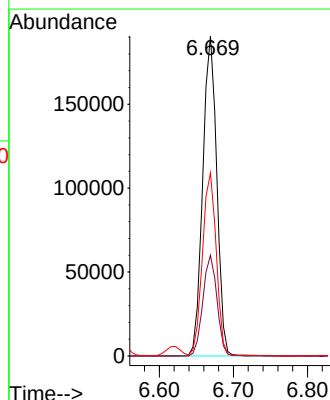
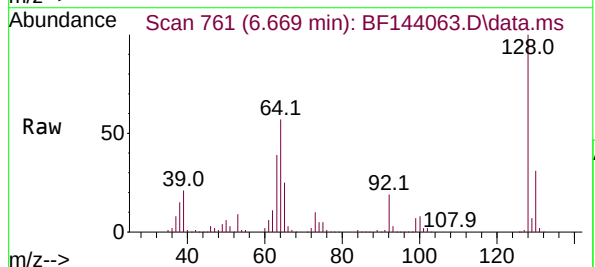
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

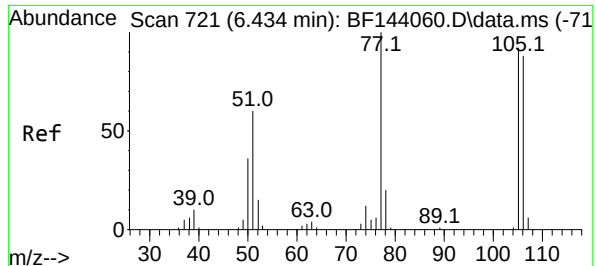
Tgt Ion: 99 Resp: 560479
Ion Ratio Lower Upper
99 100
42 32.7 23.9 35.9
71 46.2 34.4 51.6



#8
2-Chlorophenol
Concen: 68.549 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 128 Resp: 250635
Ion Ratio Lower Upper
128 100
130 31.5 10.7 50.7
64 57.2 34.7 74.7





#9

Benzaldehyde

Concen: 76.656 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

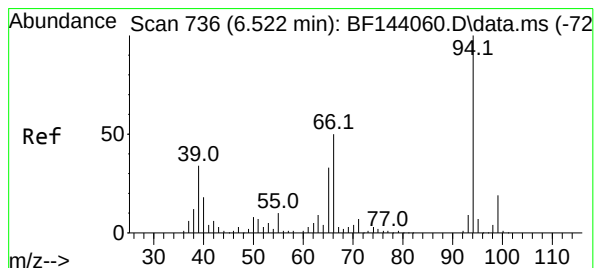
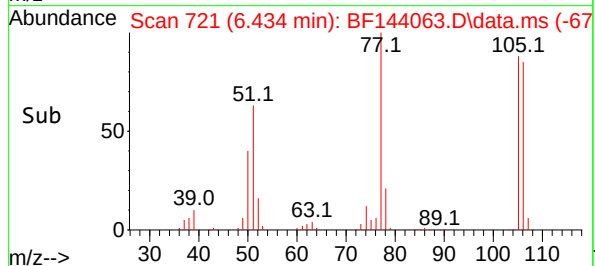
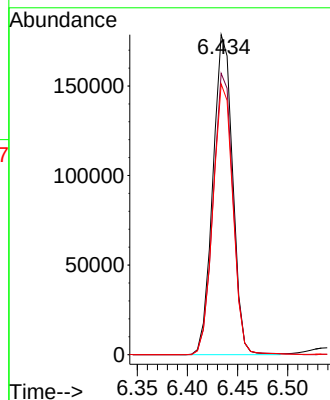
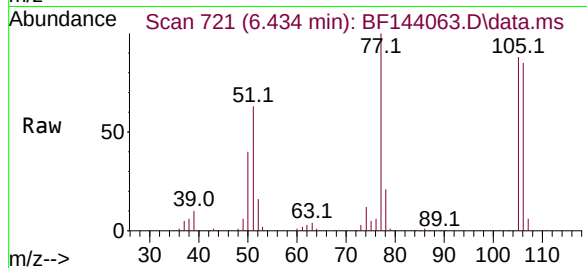
Tgt Ion: 77 Resp: 244035

Ion Ratio Lower Upper

77 100

105 87.9 72.2 112.2

106 84.6 67.9 107.9



#10

Phenol

Concen: 67.118 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

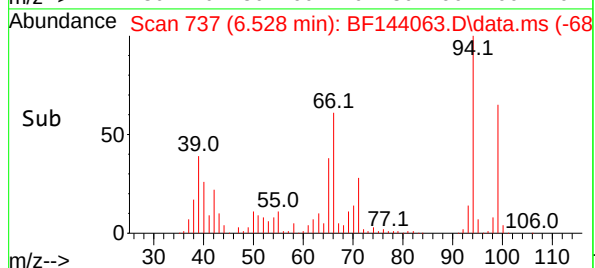
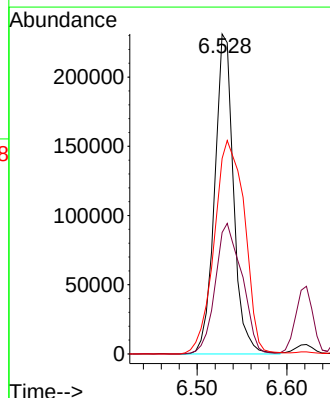
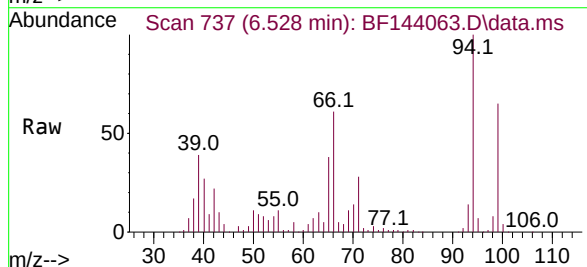
Tgt Ion: 94 Resp: 339521

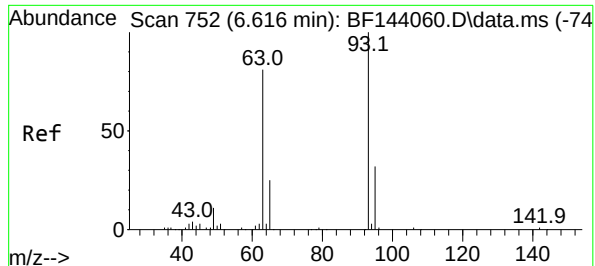
Ion Ratio Lower Upper

94 100

65 37.9 13.1 53.1

66 61.1 30.6 70.6

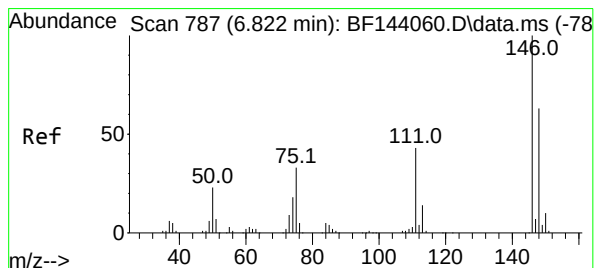
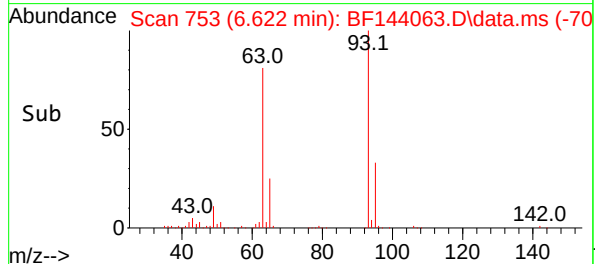
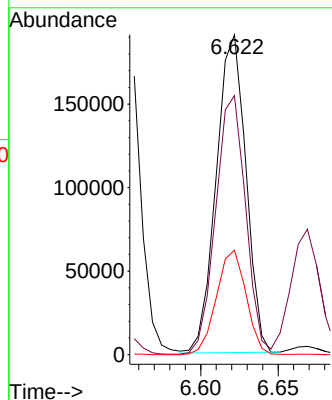
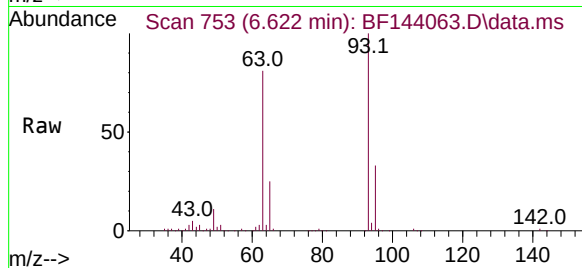




#11
bis(2-Chloroethyl)ether
Concen: 69.532 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

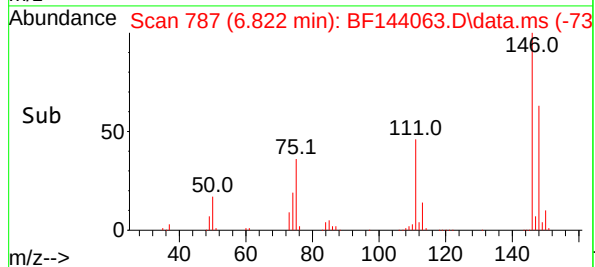
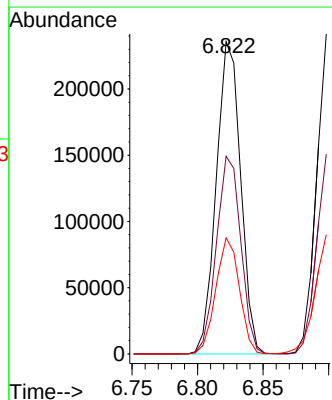
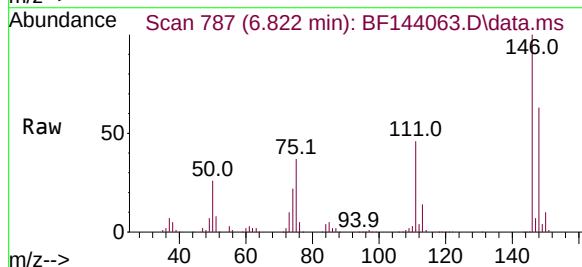
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

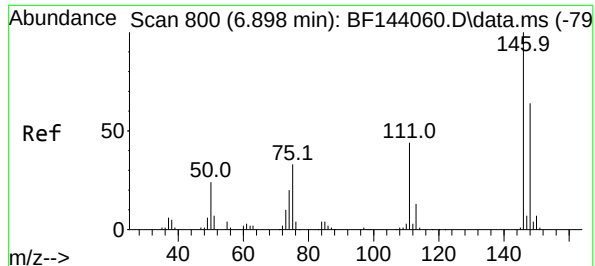
Tgt Ion: 93 Resp: 254160
Ion Ratio Lower Upper
93 100
63 80.9 60.2 100.2
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 67.741 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 146 Resp: 305526
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 37.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 68.434 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

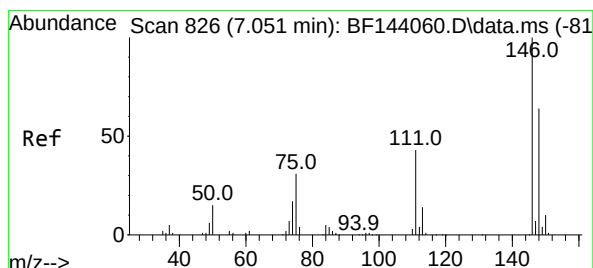
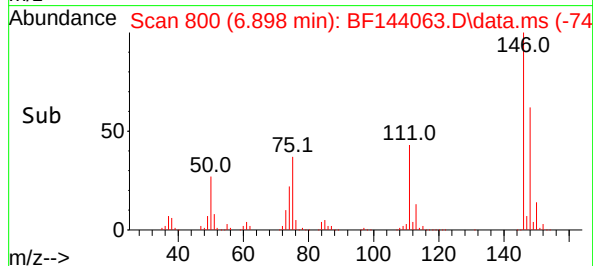
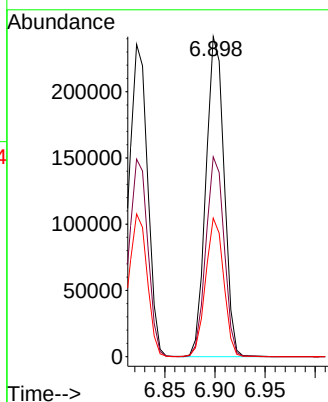
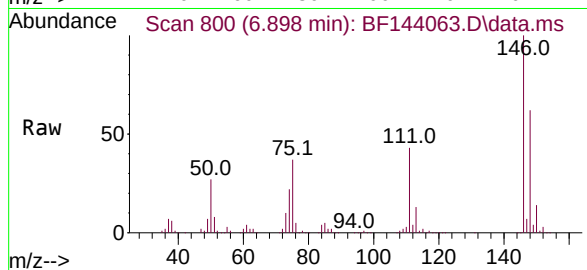
Tgt Ion:146 Resp: 304178

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

111 43.3 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 66.915 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

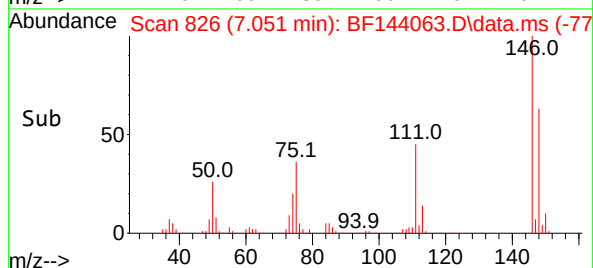
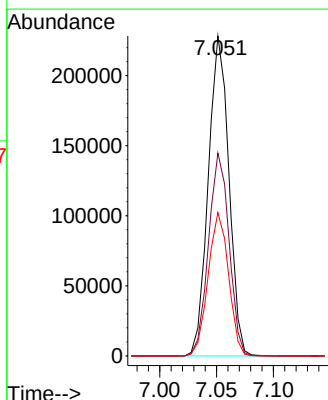
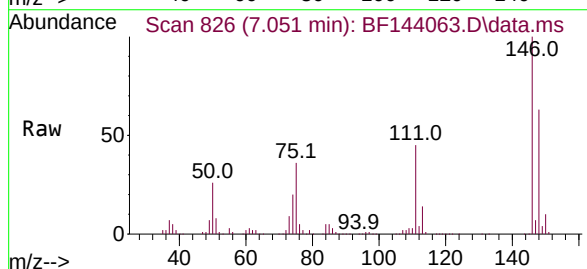
Tgt Ion:146 Resp: 287786

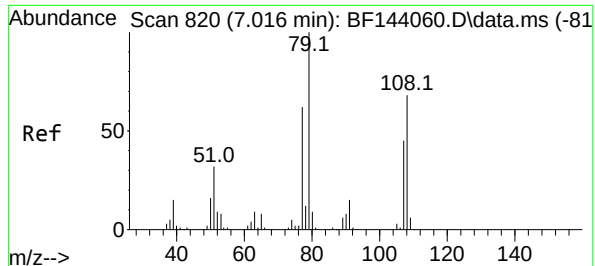
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 44.8 34.7 52.1

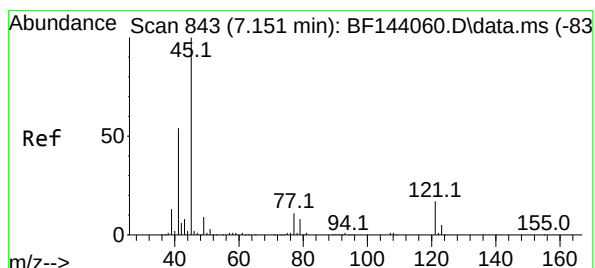
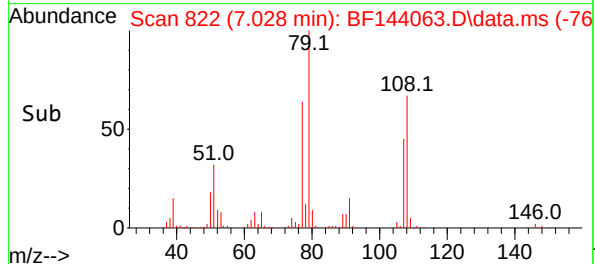
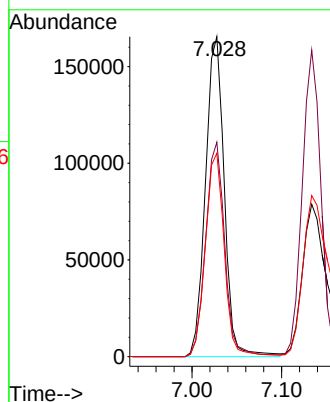
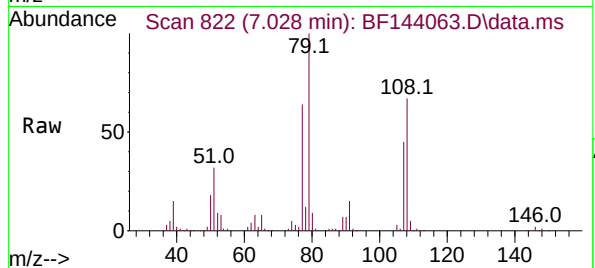




#15
Benzyl Alcohol
Concen: 72.263 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

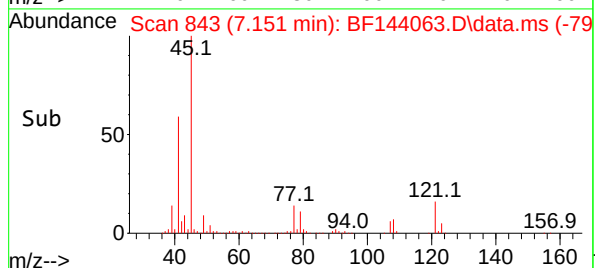
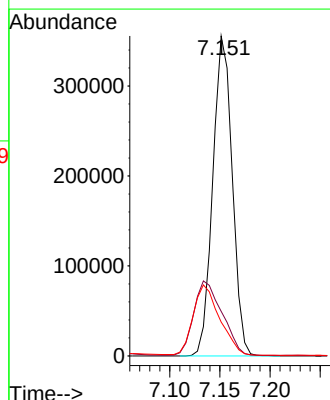
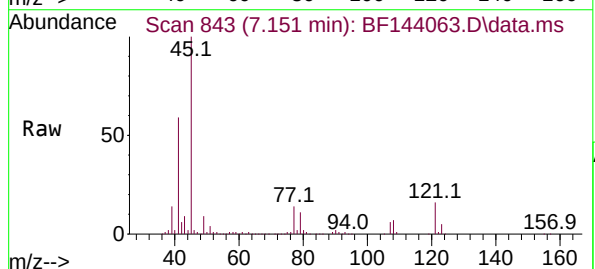
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

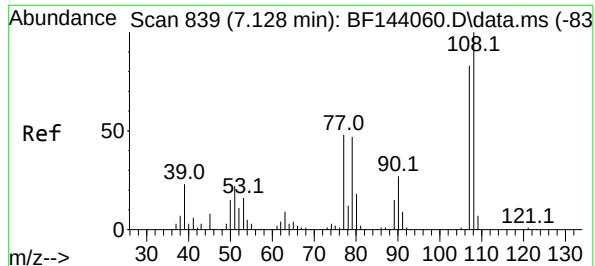
Tgt Ion: 79 Resp: 240927
Ion Ratio Lower Upper
79 100
108 67.0 54.8 82.2
77 63.6 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 69.697 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 45 Resp: 478809
Ion Ratio Lower Upper
45 100
77 13.9 0.0 30.9
79 10.6 0.0 28.2

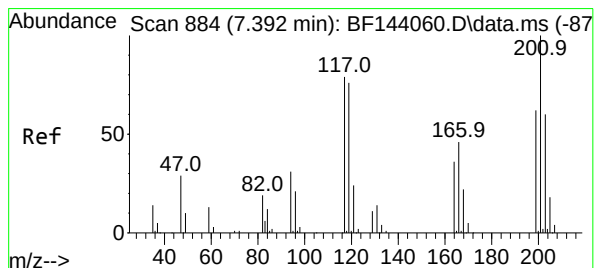
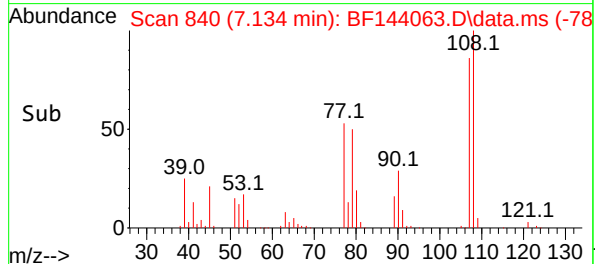
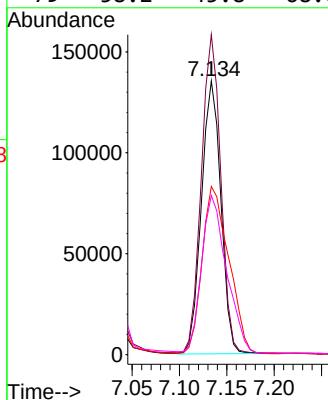
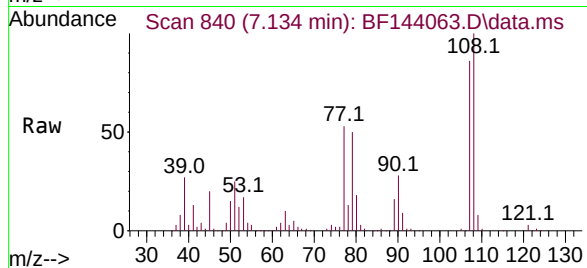




#17
2-Methylphenol
Concen: 68.795 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

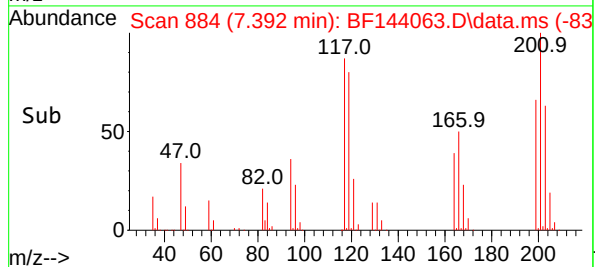
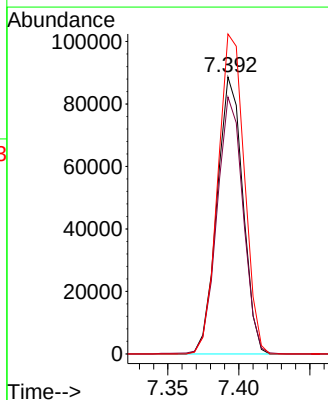
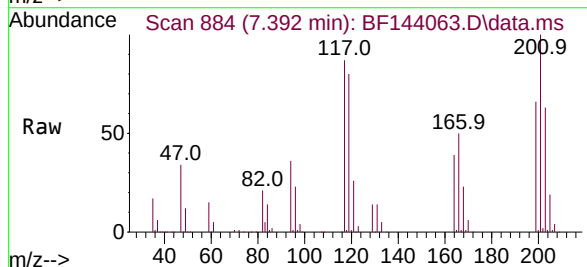
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

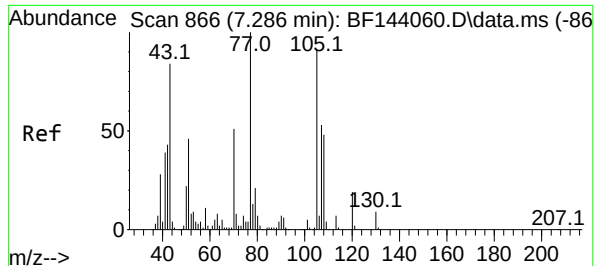
Tgt Ion:	107	Resp:	193458
Ion	Ratio	Lower	Upper
107	100		
108	116.9	96.4	144.6
77	61.4	46.8	70.2
79	58.2	45.8	68.6



#18
Hexachloroethane
Concen: 70.510 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:	117	Resp:	112050
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	115.0
201	115.5	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 71.721 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.012 min

Lab File: BF144063.D

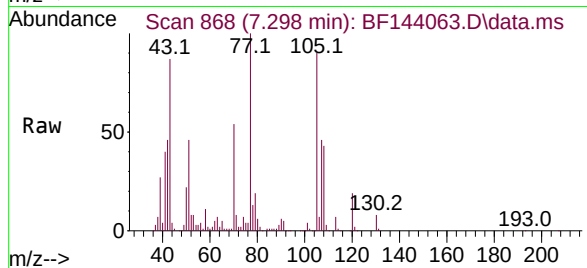
Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

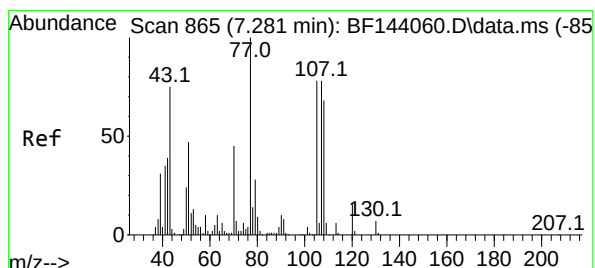
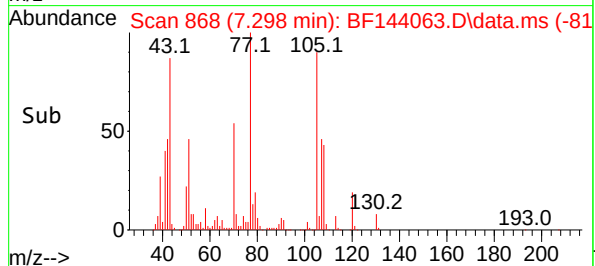
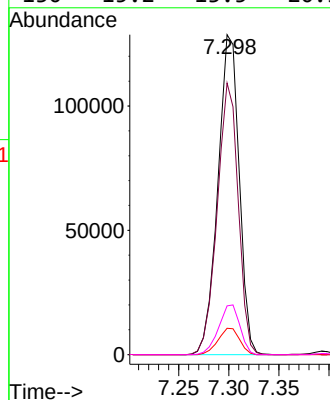
ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 190167

Ion	Ratio	Lower	Upper
70	100		
42	84.9	67.4	101.0
101	8.2	7.1	10.7
130	15.2	13.5	20.3



#20

3+4-Methylphenols

Concen: 68.500 ng

RT: 7.292 min Scan# 867

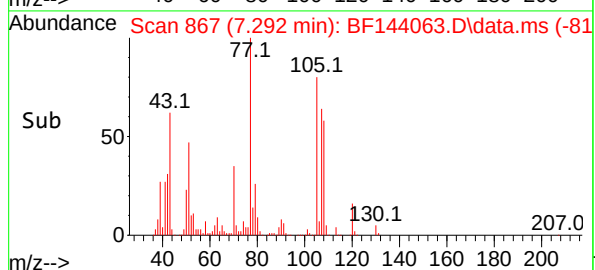
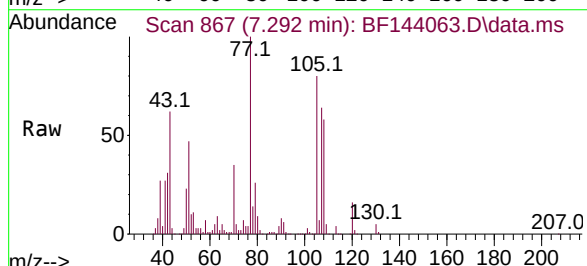
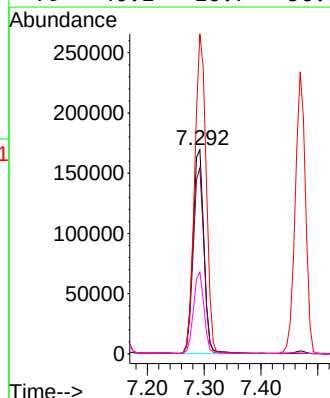
Delta R.T. 0.012 min

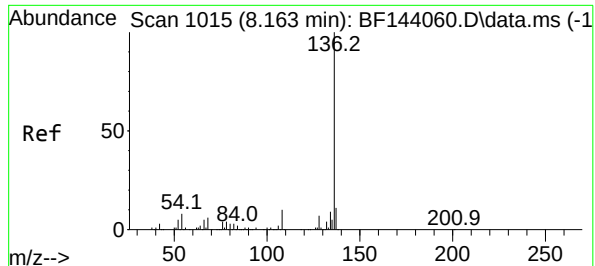
Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion: 107 Resp: 227718

Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.0	108.0
77	156.8	108.7	148.7#
79	40.1	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 209353

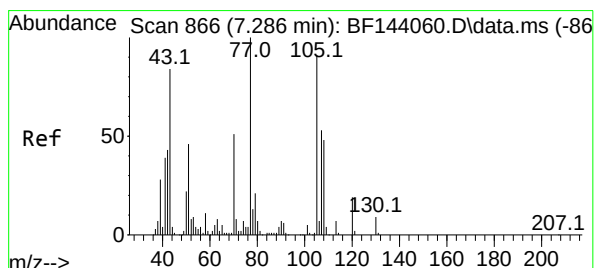
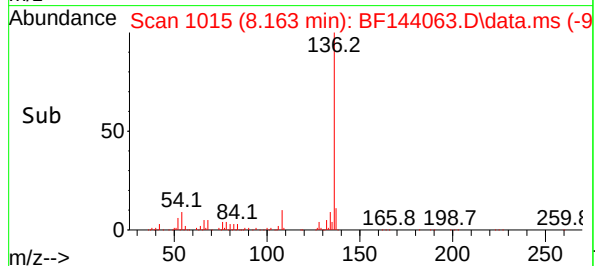
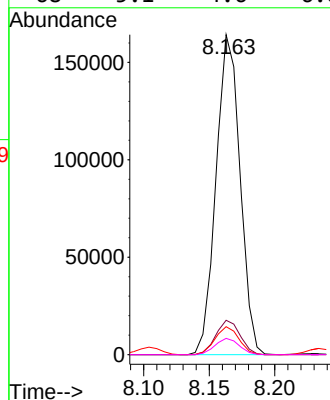
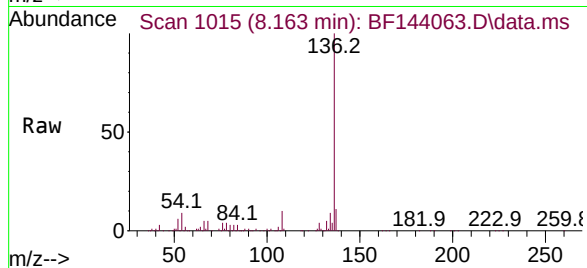
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.7 6.6 9.8

68 5.1 4.6 6.8



#22

Acetophenone

Concen: 68.672 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:105 Resp: 310700

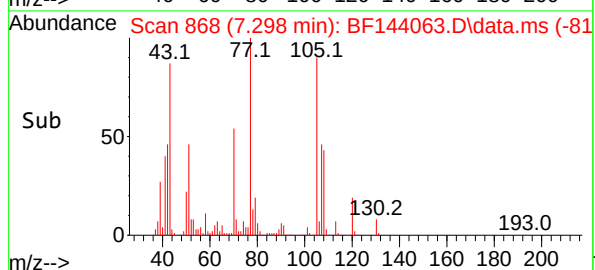
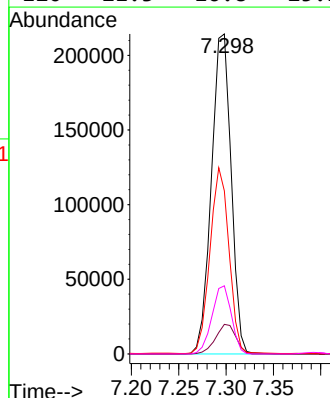
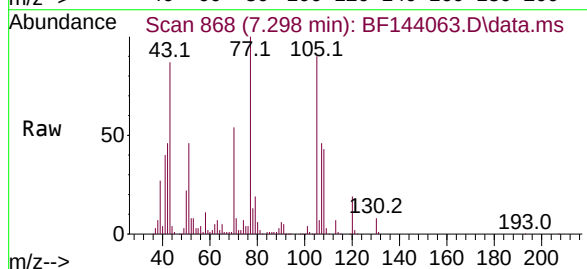
Ion Ratio Lower Upper

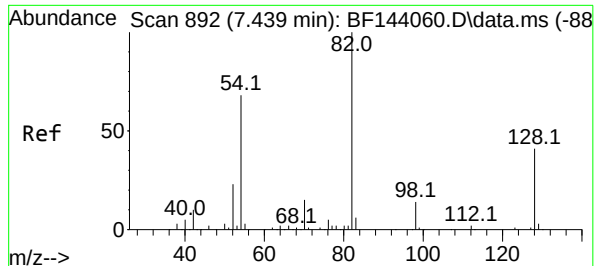
105 100

71 9.2 6.9 10.3

51 50.9 40.6 60.8

120 21.3 16.8 25.2

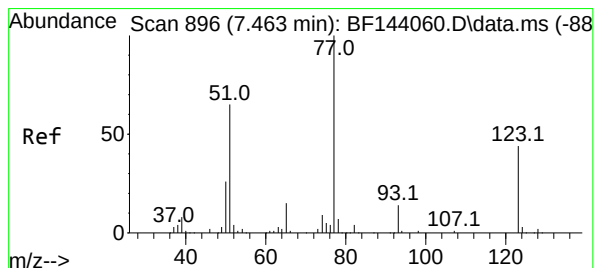
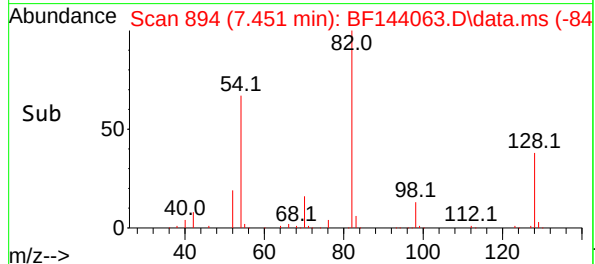
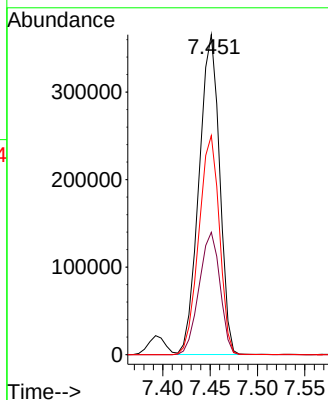
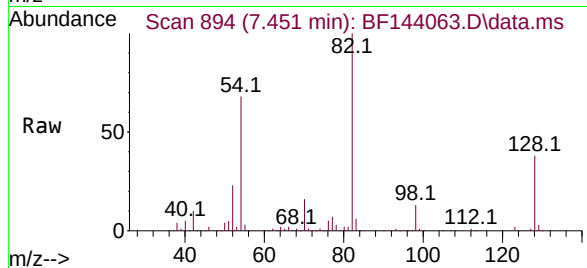




#23
Nitrobenzene-d5
Concen: 144.501 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

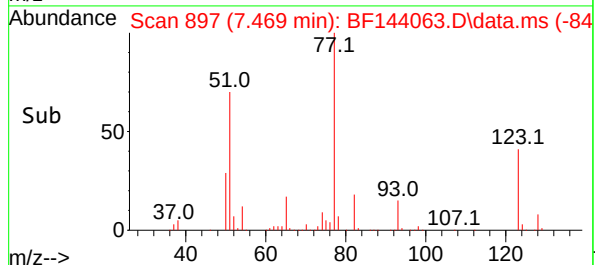
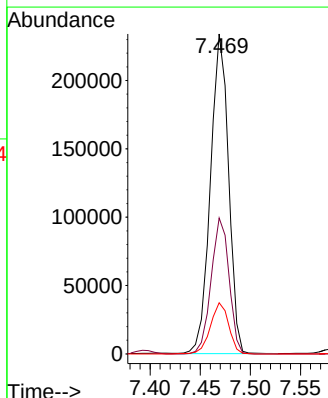
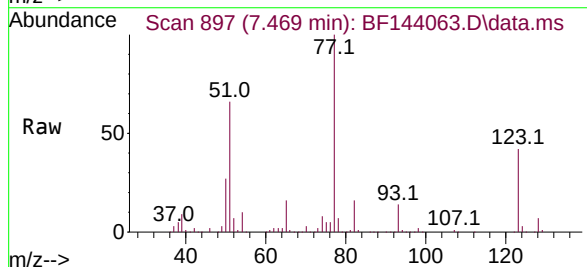
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

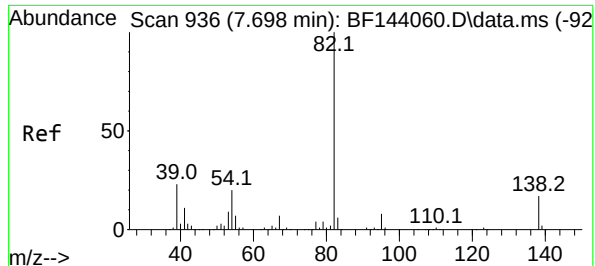
Tgt Ion: 82 Resp: 552167
Ion Ratio Lower Upper
82 100
128 38.2 32.4 48.6
54 68.4 54.0 81.0



#24
Nitrobenzene
Concen: 72.786 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 77 Resp: 294221
Ion Ratio Lower Upper
77 100
123 42.5 35.0 52.6
65 16.0 12.2 18.2

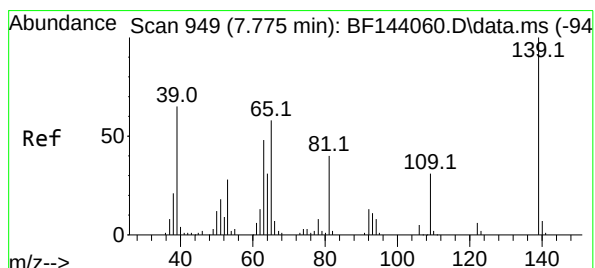
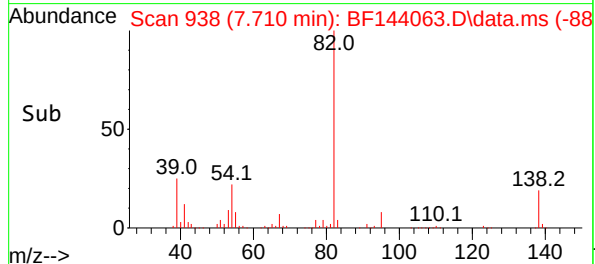
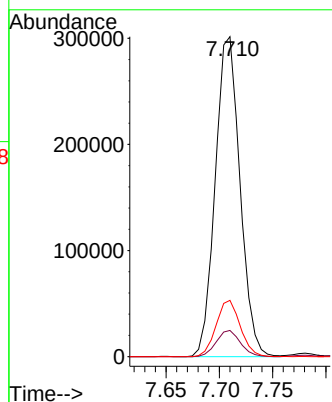
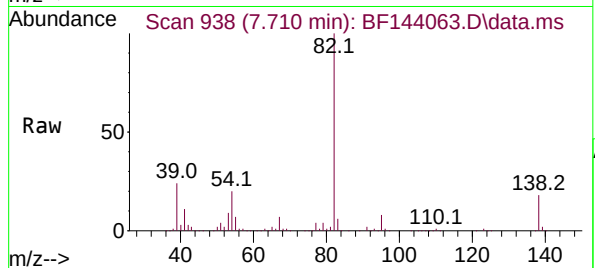




#25
Isophorone
Concen: 73.000 ng
RT: 7.710 min Scan# 936
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

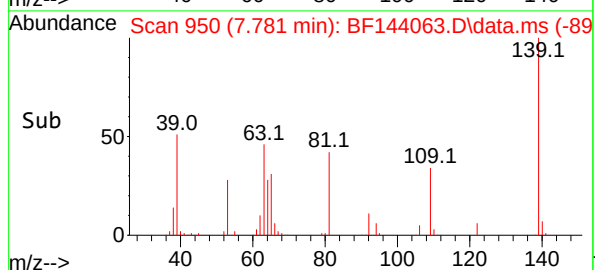
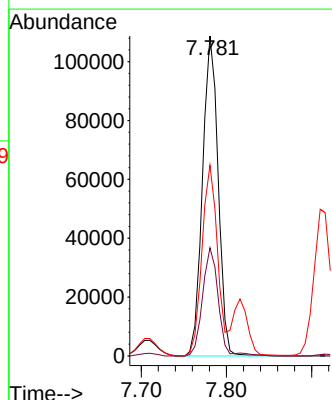
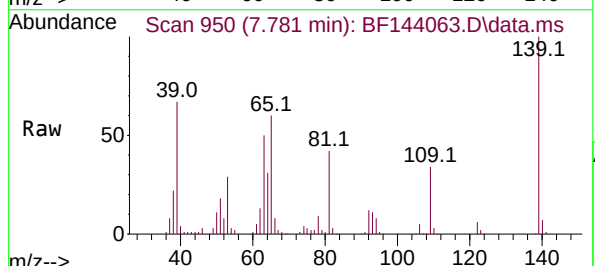
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

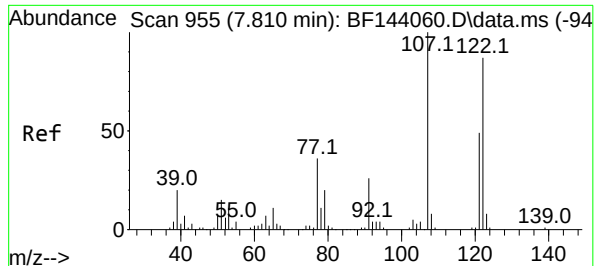
Tgt Ion: 82 Resp: 487685
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 17.6 13.8 20.8



#26
2-Nitrophenol
Concen: 71.925 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 139 Resp: 138311
Ion Ratio Lower Upper
139 100
109 33.8 24.6 37.0
65 59.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 72.515 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

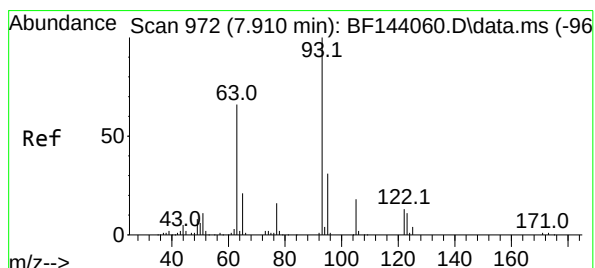
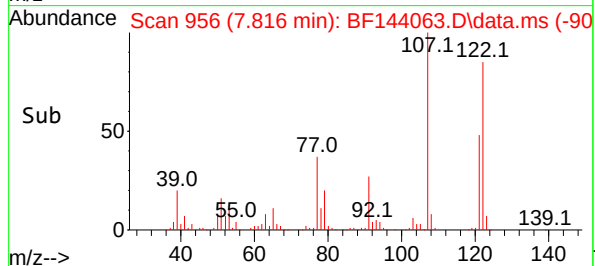
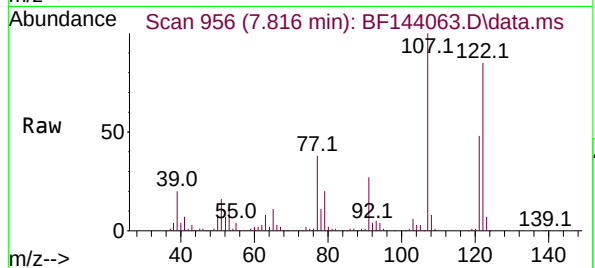
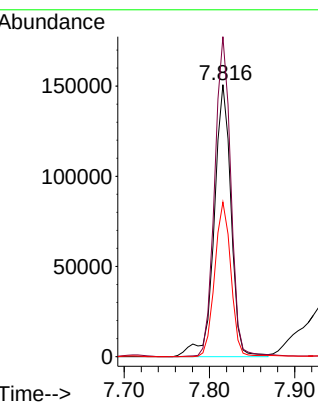
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 207224

Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.8	137.8
121	56.8	45.2	67.8



#28

bis(2-Chloroethoxy)methane

Concen: 70.566 ng

RT: 7.910 min Scan# 972

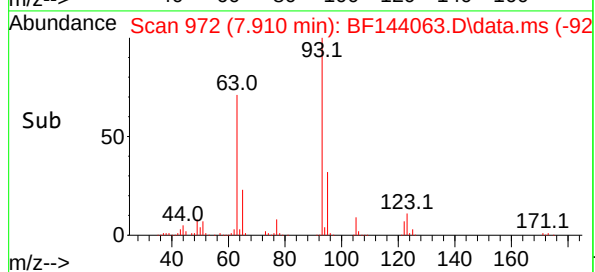
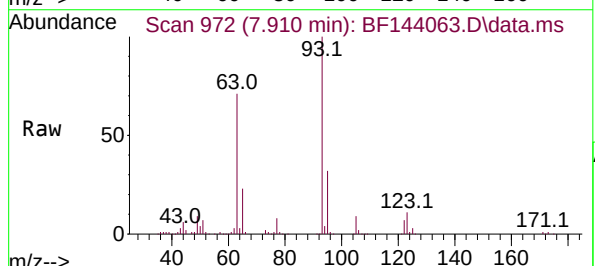
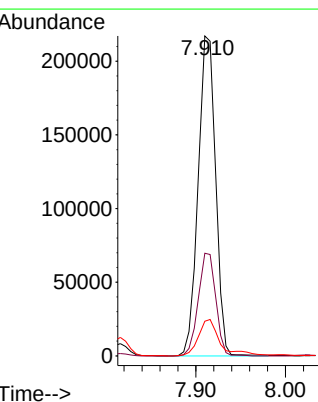
Delta R.T. -0.000 min

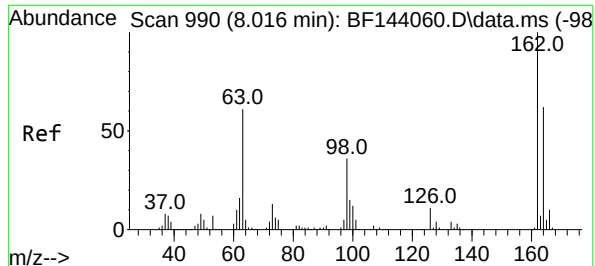
Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 293996

Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	36.8
123	10.8	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 69.232 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

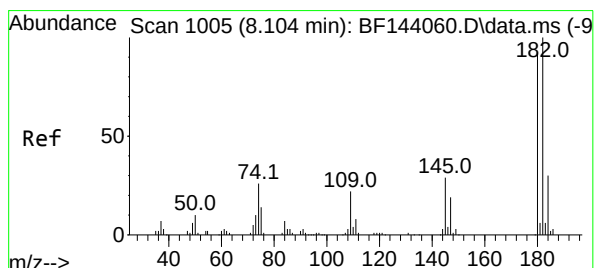
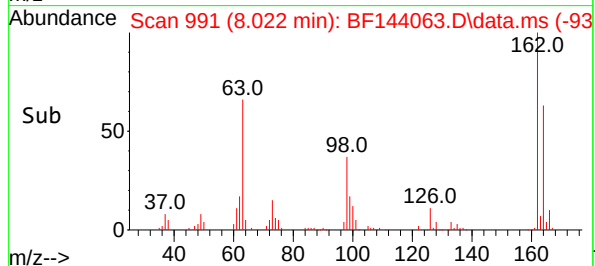
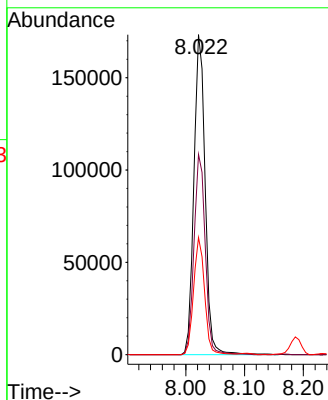
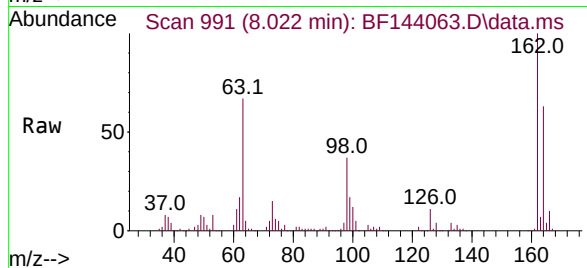
Tgt Ion:162 Resp: 230075

Ion Ratio Lower Upper

162 100

164 62.6 42.1 82.1

98 36.6 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 70.150 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

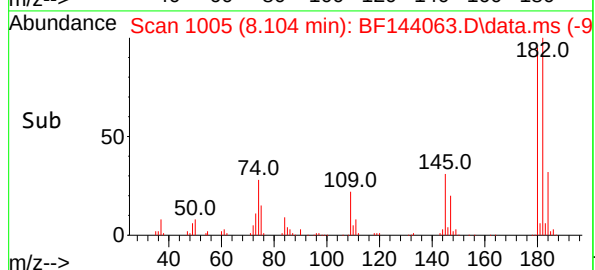
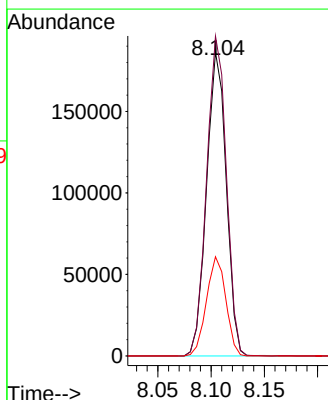
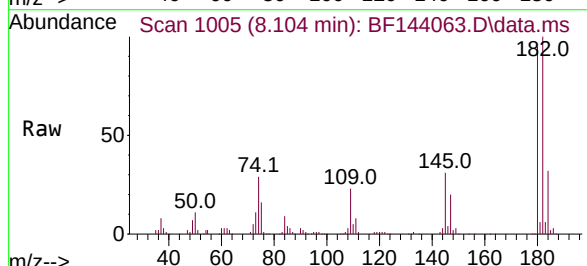
Tgt Ion:180 Resp: 239831

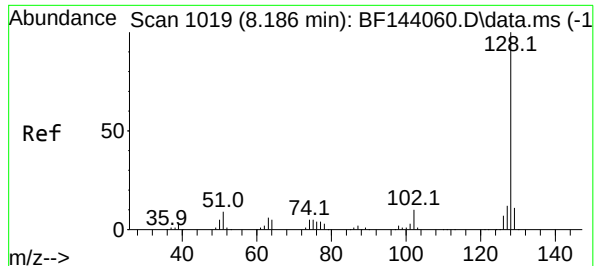
Ion Ratio Lower Upper

180 100

182 105.4 87.1 130.7

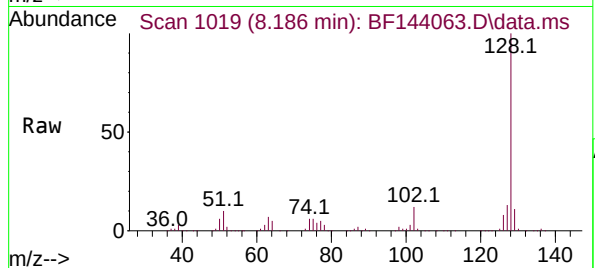
145 32.6 25.3 37.9



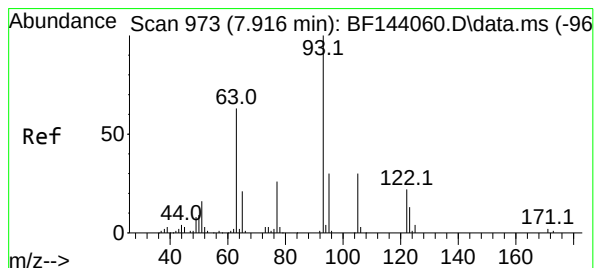
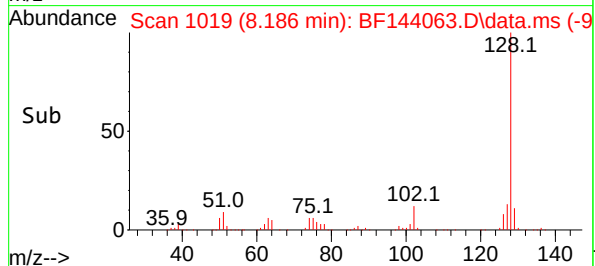
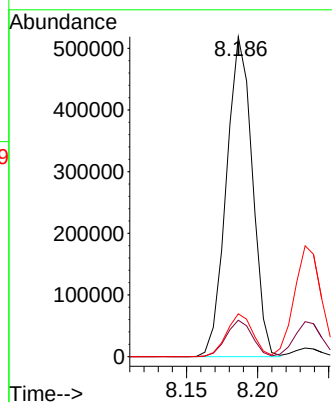


#31
Naphthalene
Concen: 66.812 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

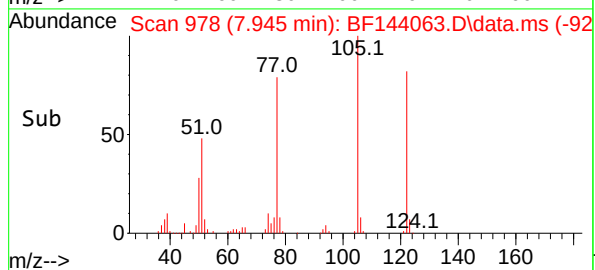
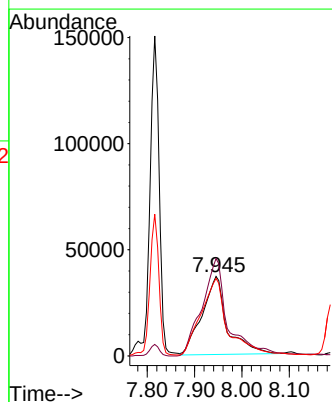
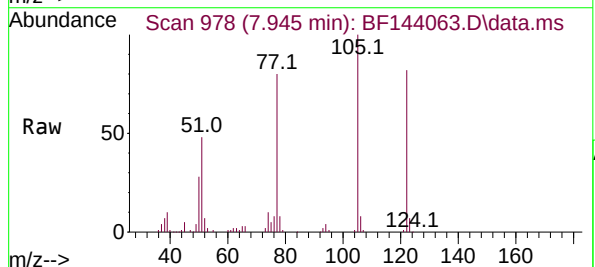


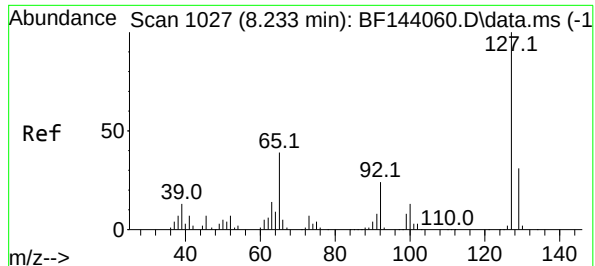
Tgt Ion:128 Resp: 660164
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.4 9.9 14.9



#32
Benzoic acid
Concen: 74.766 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.029 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:122 Resp: 135524
Ion Ratio Lower Upper
122 100
105 122.4 111.3 151.3
77 97.7 96.7 136.7





#33

4-Chloroaniline

Concen: 69.535 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 239182

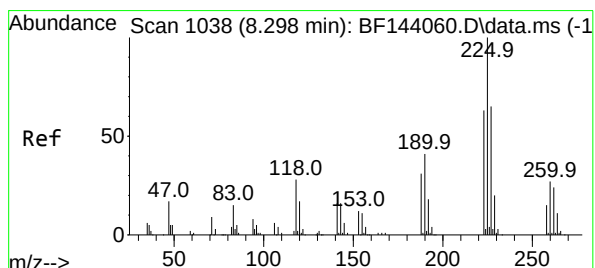
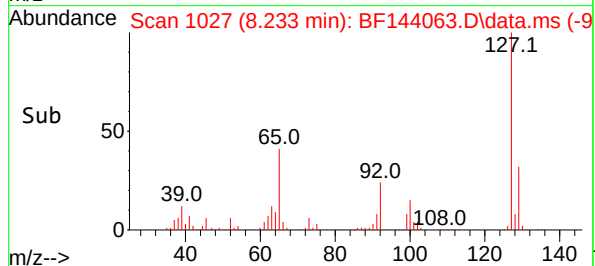
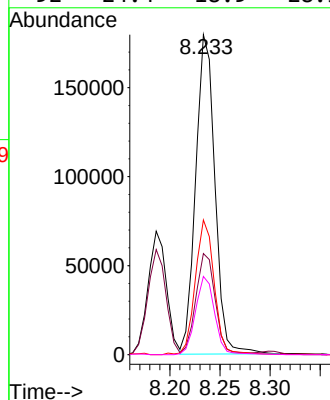
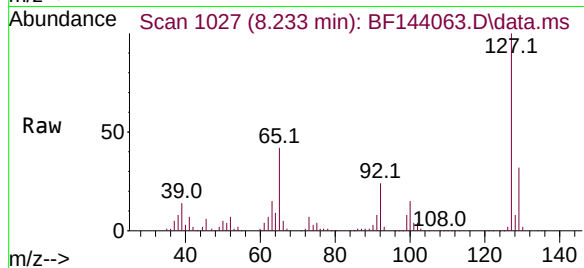
Ion Ratio Lower Upper

127 100

129 31.6 25.6 38.4

65 42.1 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 70.141 ng

RT: 8.304 min Scan# 1039

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

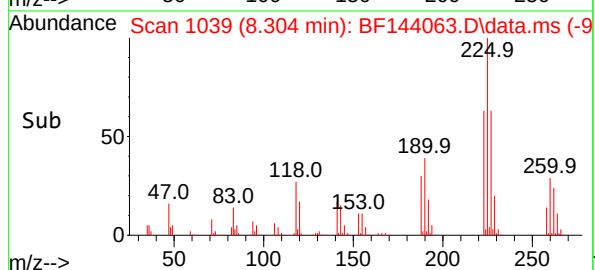
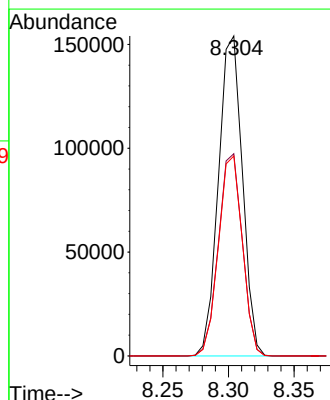
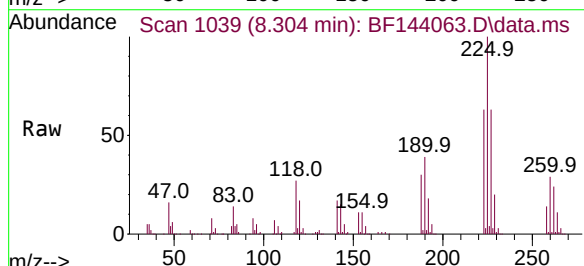
Tgt Ion:225 Resp: 196083

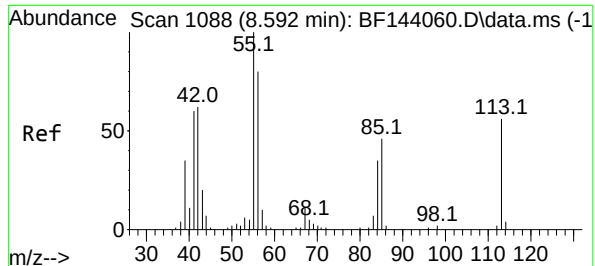
Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 62.5 51.8 77.8

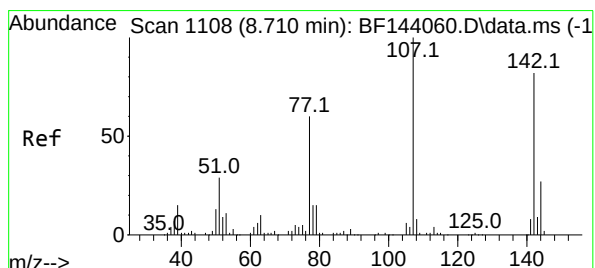
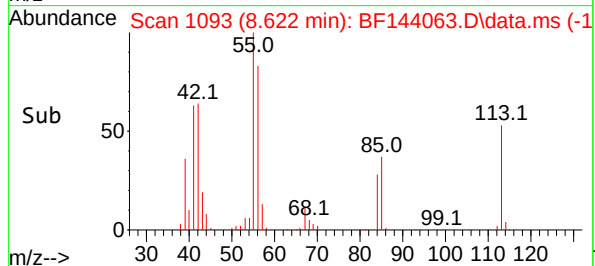
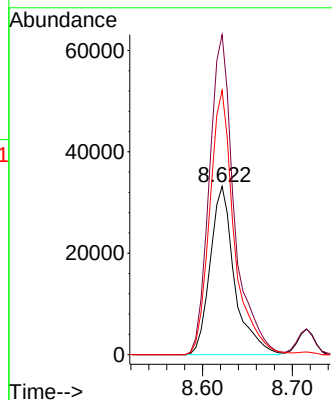
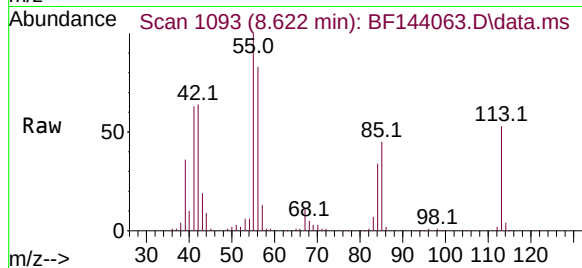




#35
Caprolactam
Concen: 75.462 ng
RT: 8.622 min Scan# 1109
Delta R.T. 0.029 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

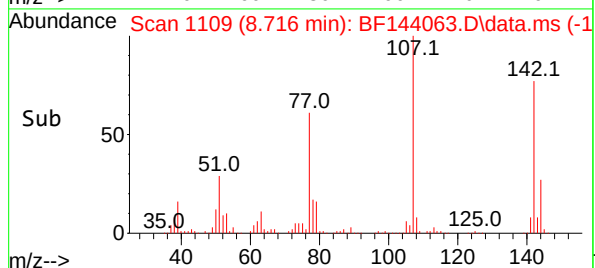
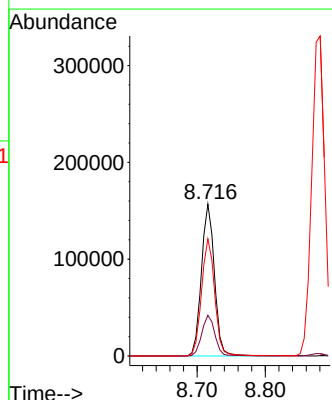
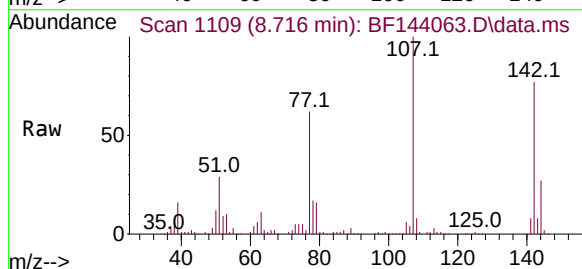
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

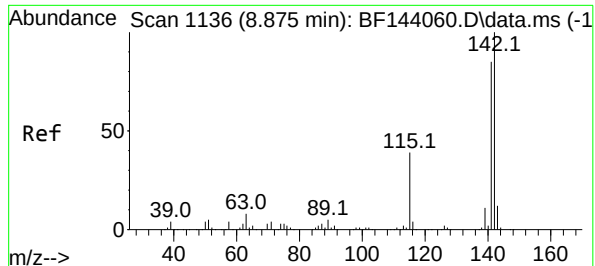
Tgt Ion:113 Resp: 62887
Ion Ratio Lower Upper
113 100
55 190.2 160.1 200.1
56 157.0 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 71.352 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:107 Resp: 209253
Ion Ratio Lower Upper
107 100
144 26.7 21.6 32.4
142 77.1 65.4 98.0





#37

2-Methylnaphthalene

Concen: 67.385 ng

RT: 8.880 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

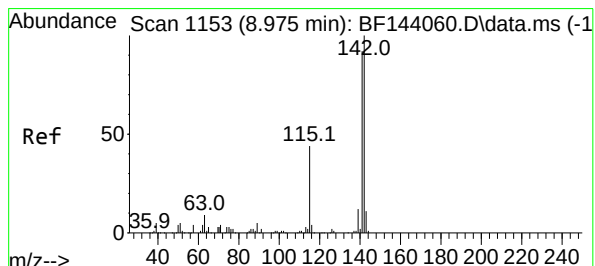
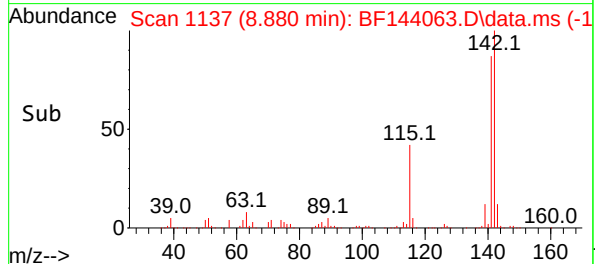
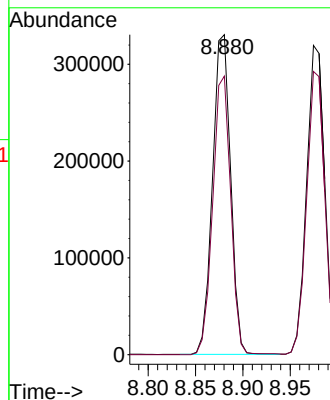
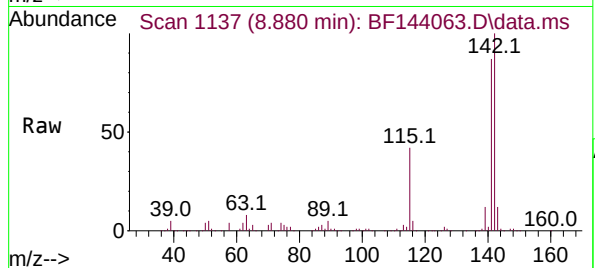
SSTDICC080

Tgt Ion:142 Resp: 438984

Ion Ratio Lower Upper

142 100

141 87.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 67.761 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144063.D

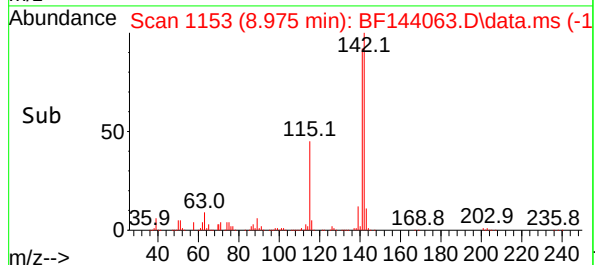
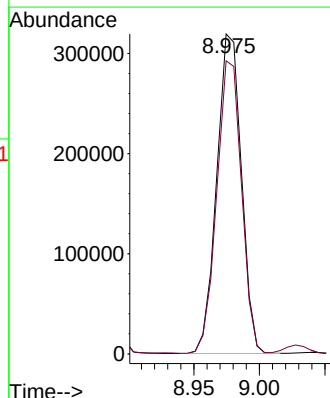
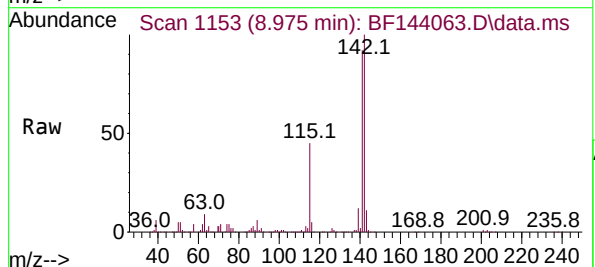
Acq: 24 Oct 2025 14:32

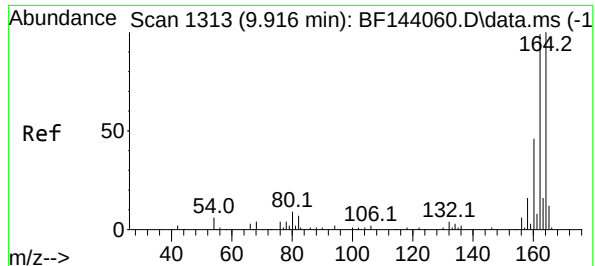
Tgt Ion:142 Resp: 418223

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

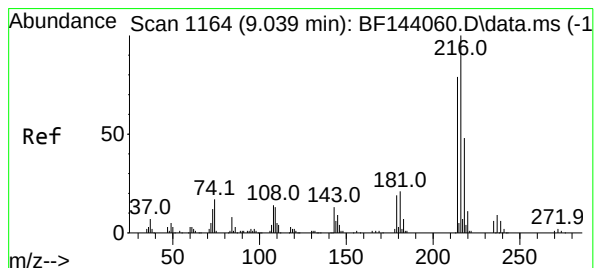
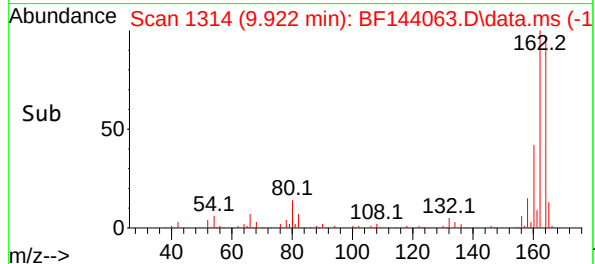
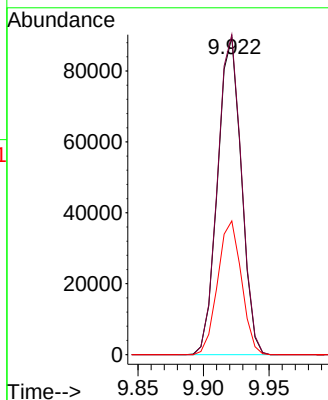
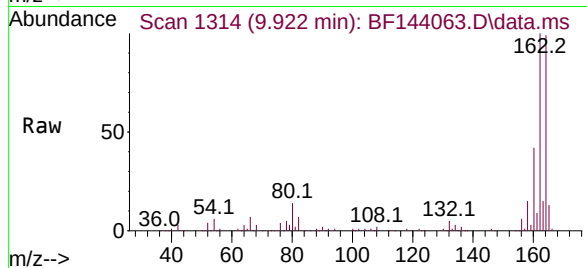




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

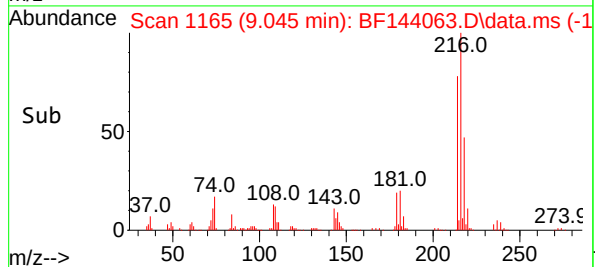
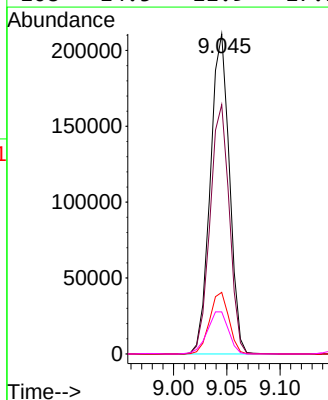
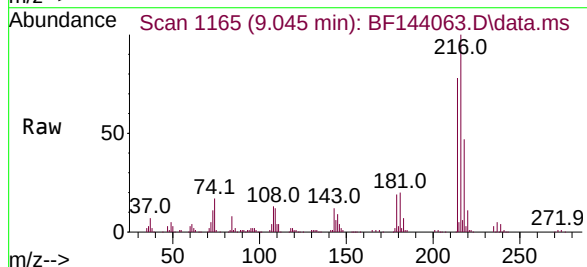
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

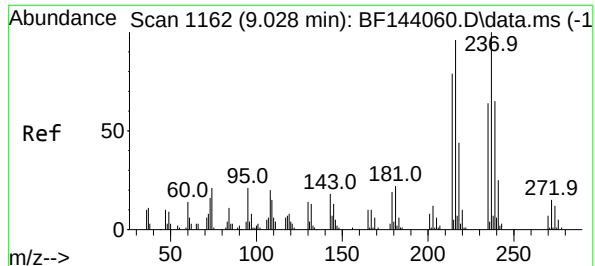
Tgt Ion:164 Resp: 112793
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 42.2 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 67.873 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:216 Resp: 263109
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 19.4 15.2 22.8
108 14.5 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 83.468 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

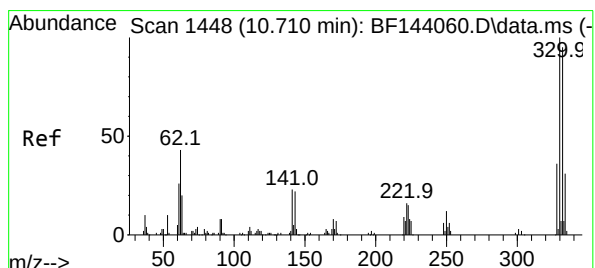
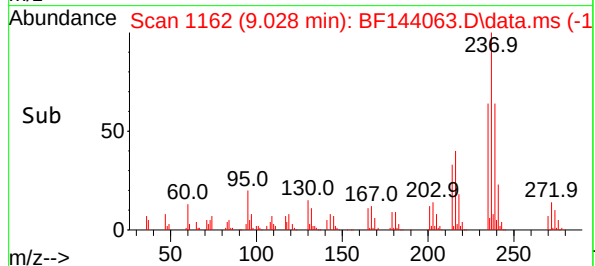
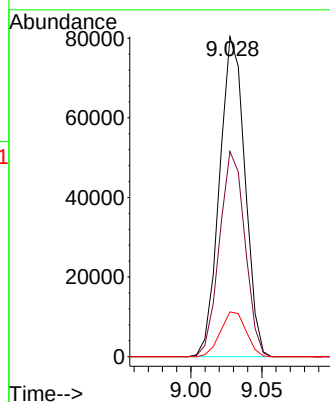
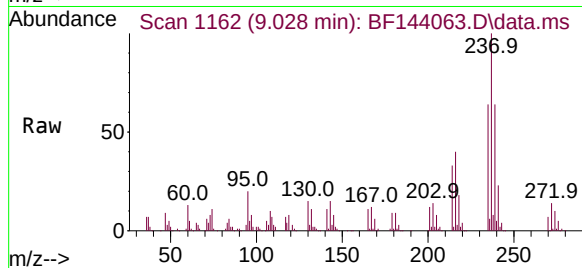
Tgt Ion:237 Resp: 99937

Ion Ratio Lower Upper

237 100

235 64.1 44.3 84.3

272 14.0 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 148.116 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

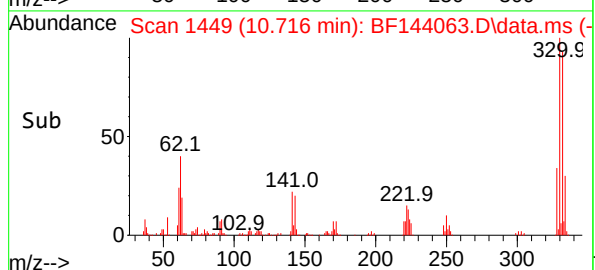
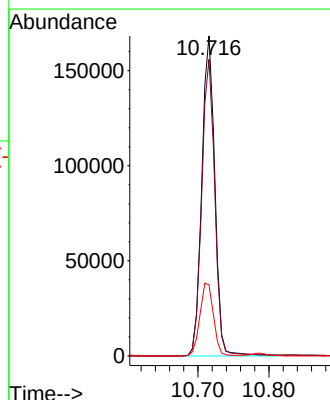
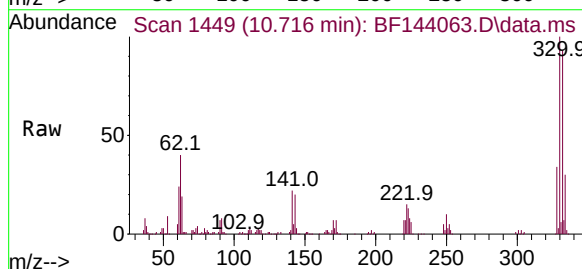
Tgt Ion:330 Resp: 212808

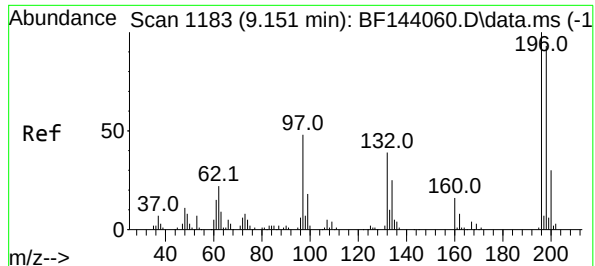
Ion Ratio Lower Upper

330 100

332 93.0 77.0 115.6

141 23.8 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 69.040 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

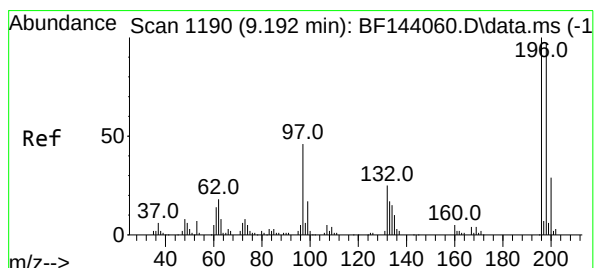
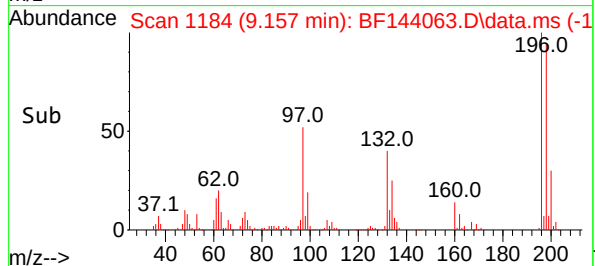
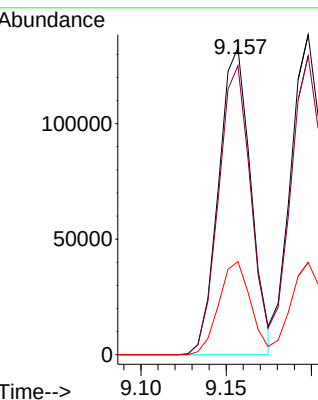
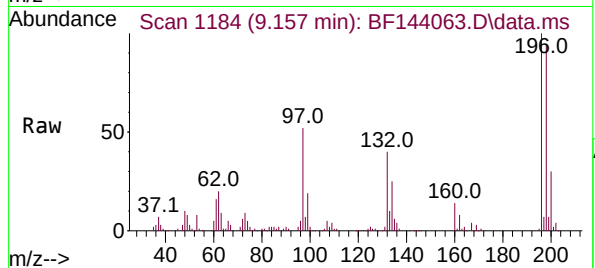
Tgt Ion:196 Resp: 173959

Ion Ratio Lower Upper

196 100

198 94.1 74.4 111.6

200 30.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 71.565 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:196 Resp: 189248

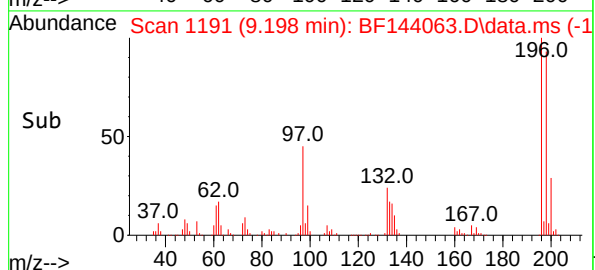
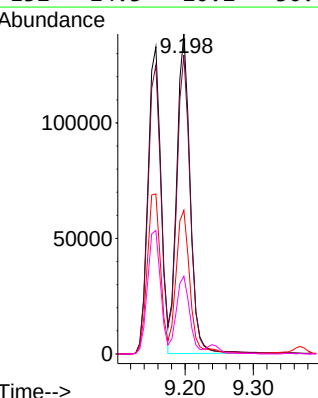
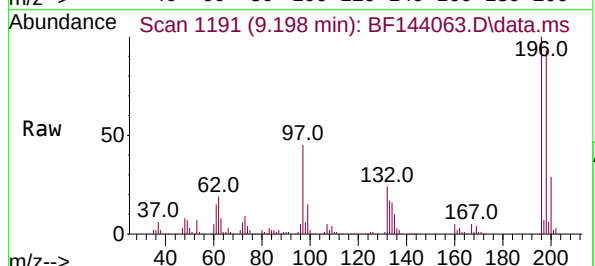
Ion Ratio Lower Upper

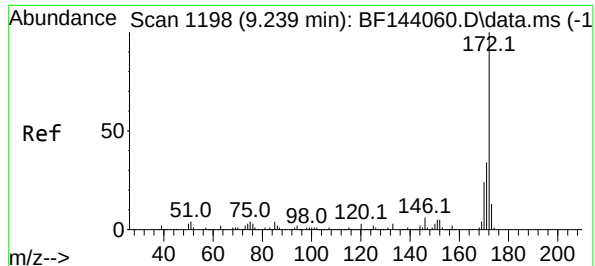
196 100

198 93.4 78.0 117.0

97 44.9 37.7 56.5

132 24.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 131.050 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

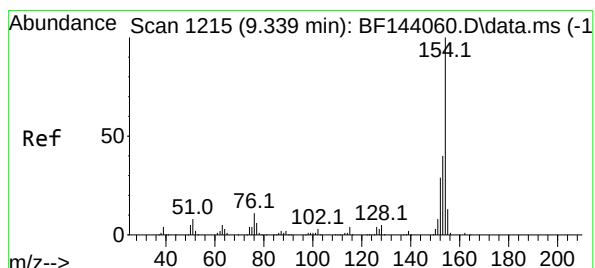
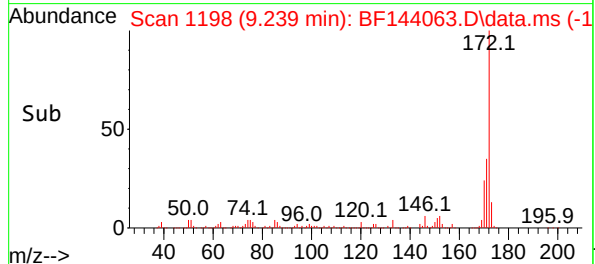
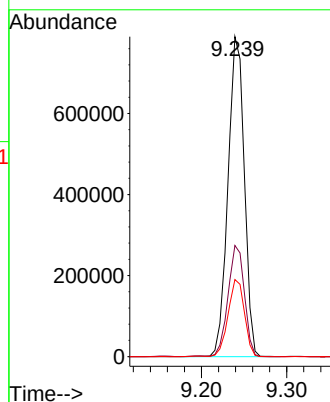
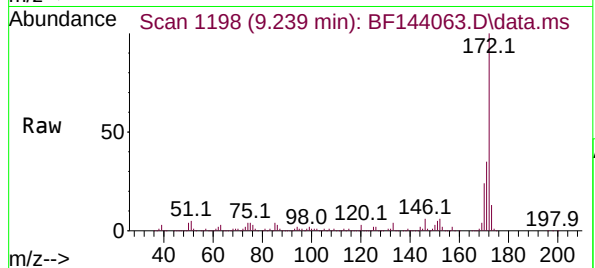
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 1050410

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.5	41.3
170	24.1	19.0	28.6



#46

1,1'-Biphenyl

Concen: 65.690 ng

RT: 9.345 min Scan# 1216

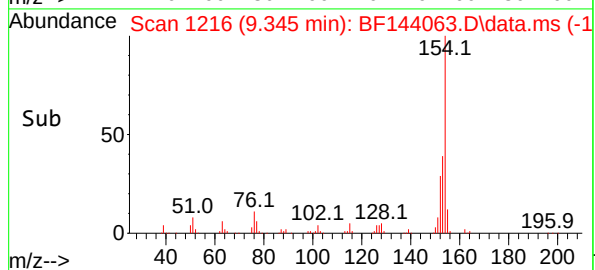
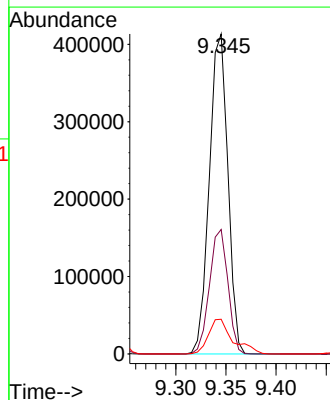
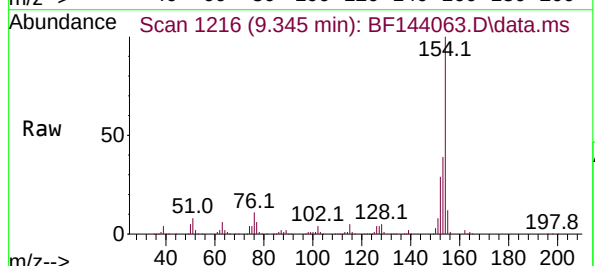
Delta R.T. 0.006 min

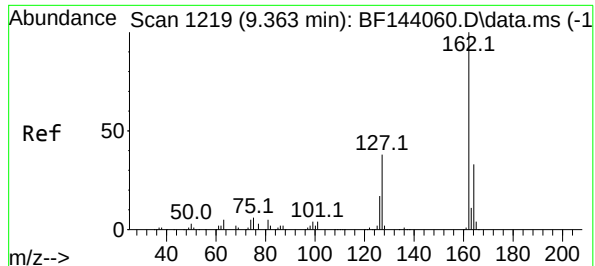
Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:154 Resp: 530392

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.7	59.7
76	10.8	0.0	31.1





#47

2-Chloronaphthalene

Concen: 65.979 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

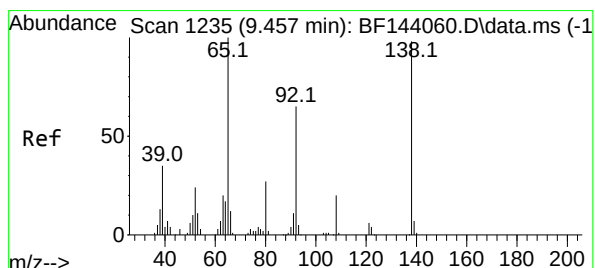
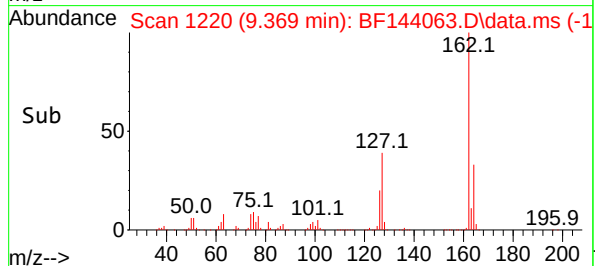
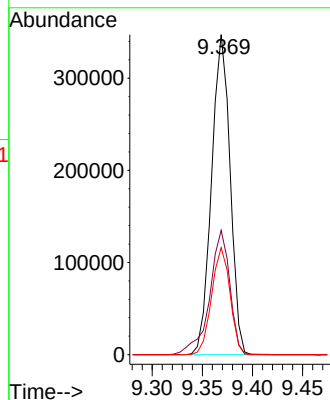
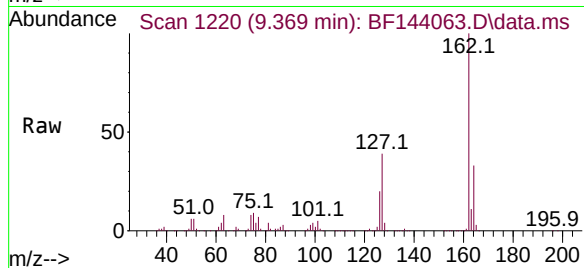
Tgt Ion:162 Resp: 446307

Ion Ratio Lower Upper

162 100

127 38.8 31.6 47.4

164 33.4 26.5 39.7



#48

2-Nitroaniline

Concen: 73.762 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

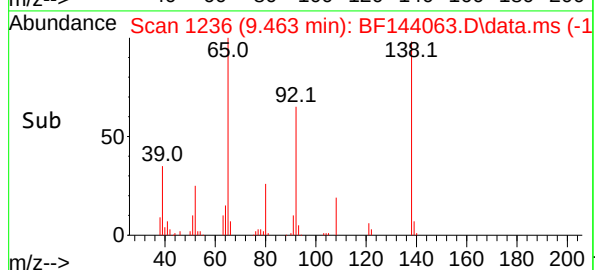
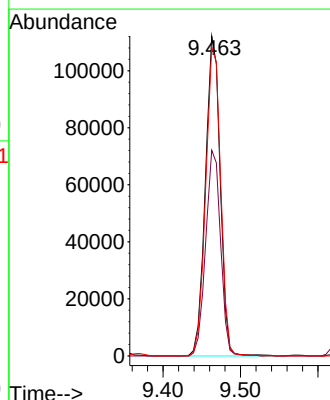
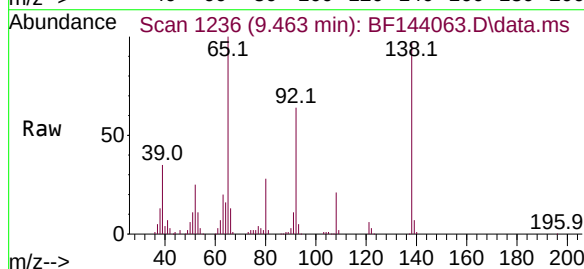
Tgt Ion: 65 Resp: 148164

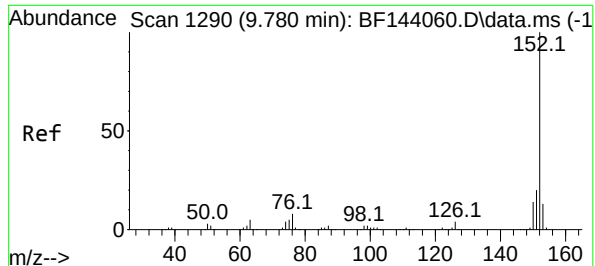
Ion Ratio Lower Upper

65 100

92 64.3 52.3 78.5

138 96.5 78.3 117.5





#49

Acenaphthylene

Concen: 66.126 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

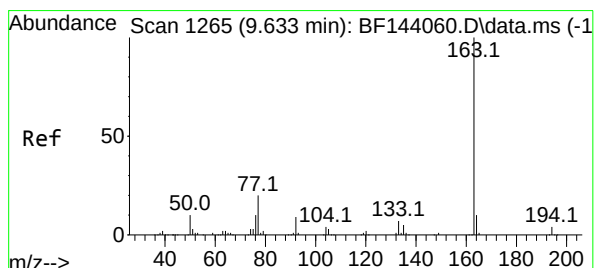
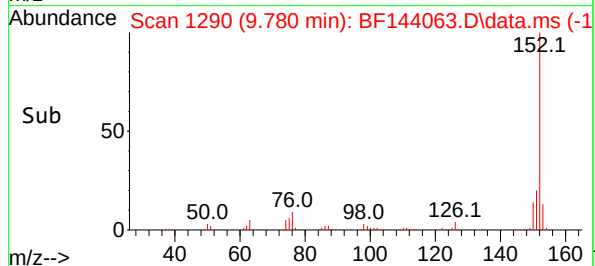
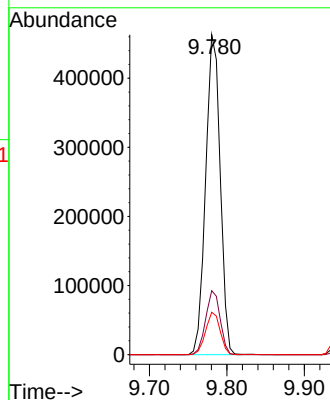
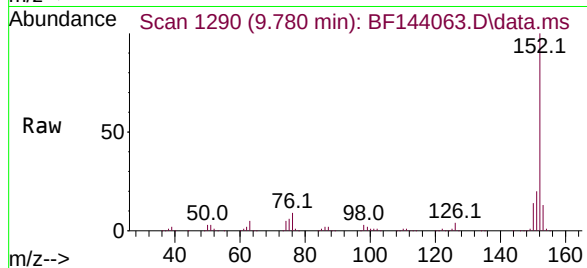
Tgt Ion:152 Resp: 603127

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 69.954 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

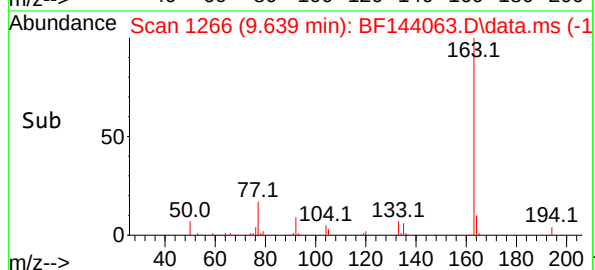
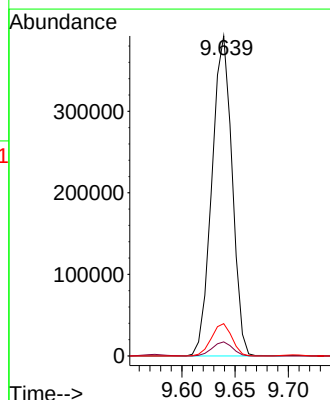
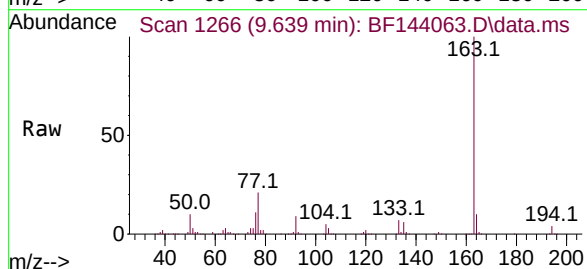
Tgt Ion:163 Resp: 517194

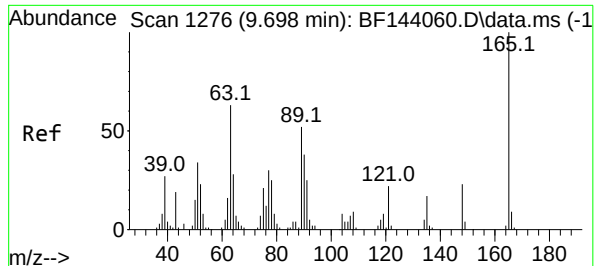
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.1 7.8 11.8

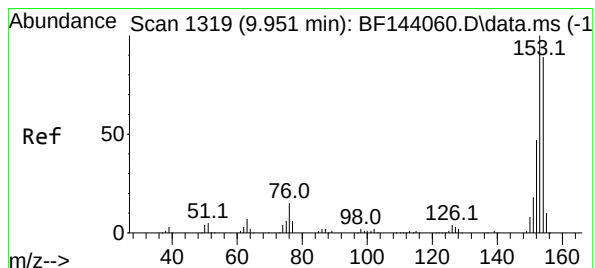
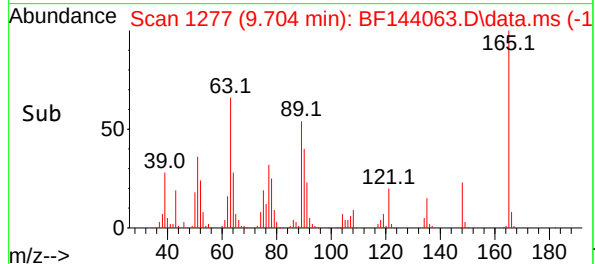
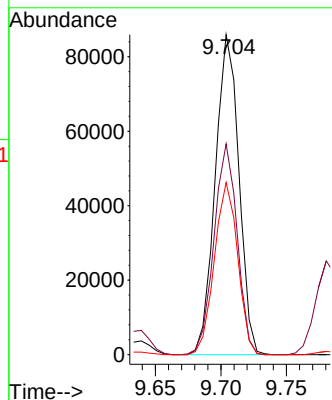
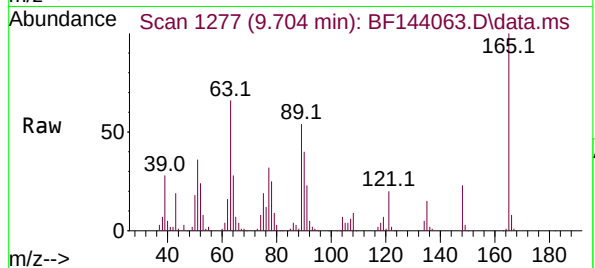




#51
2,6-Dinitrotoluene
Concen: 73.947 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

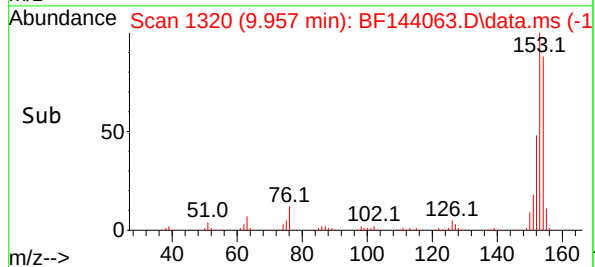
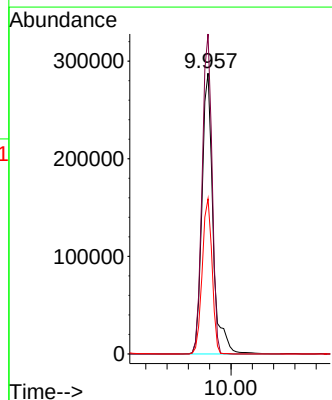
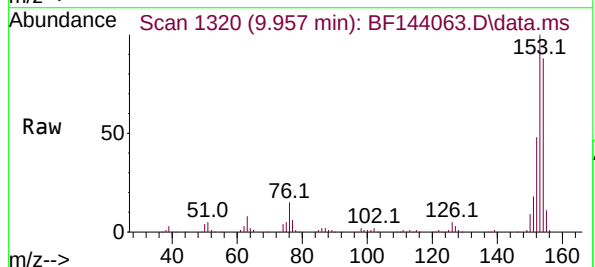
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

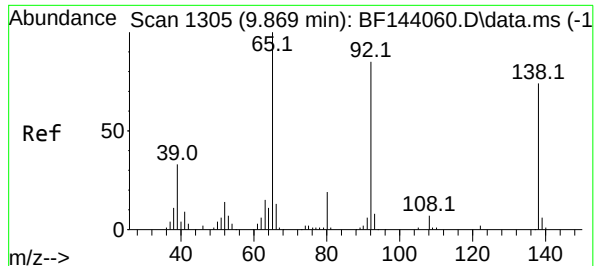
Tgt Ion:165 Resp: 108081
Ion Ratio Lower Upper
165 100
63 65.9 50.4 75.6
89 53.8 41.4 62.2



#52
Acenaphthene
Concen: 67.707 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:154 Resp: 412422
Ion Ratio Lower Upper
154 100
153 114.0 89.9 134.9
152 55.3 42.0 63.0





#53

3-Nitroaniline

Concen: 69.421 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

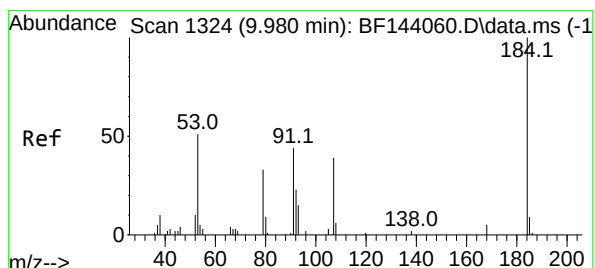
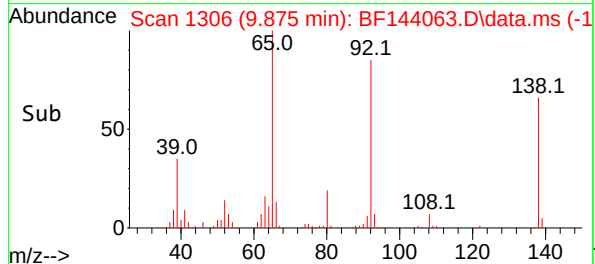
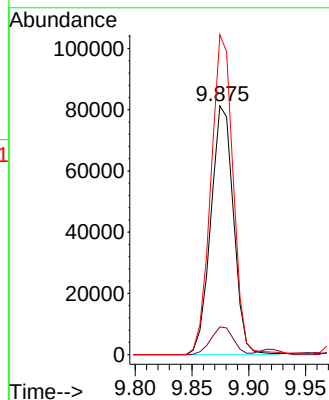
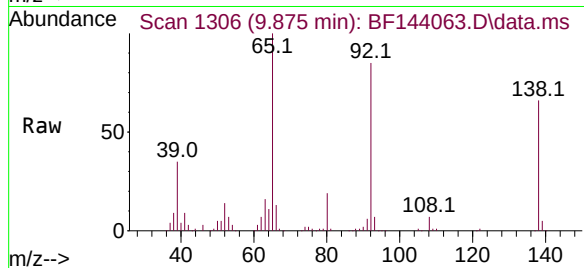
Tgt Ion:138 Resp: 112811

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

92 128.6 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 79.646 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

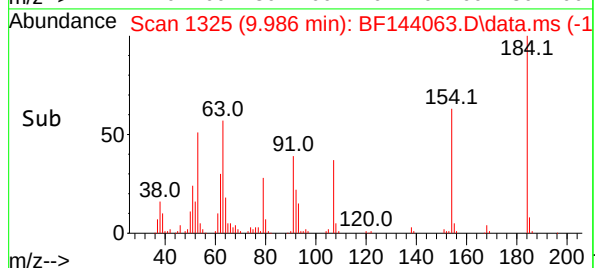
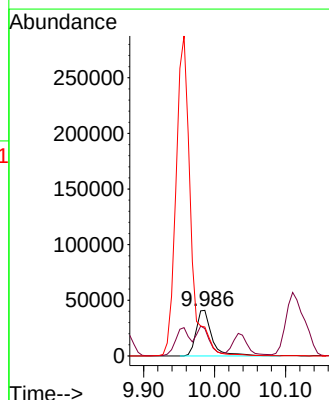
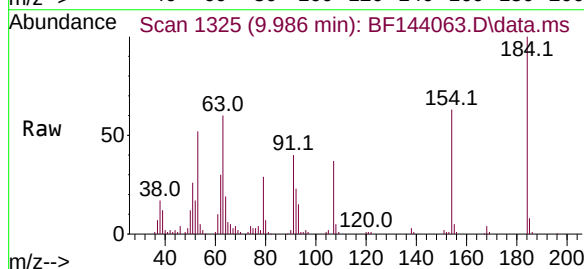
Tgt Ion:184 Resp: 62962

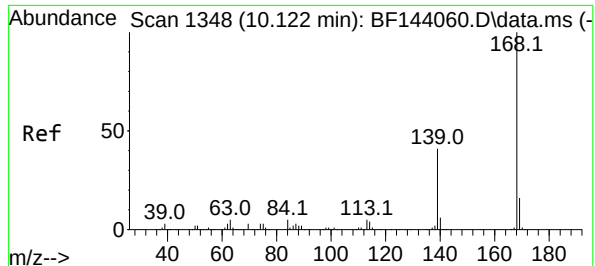
Ion Ratio Lower Upper

184 100

63 59.8 52.1 78.1

154 63.3 47.9 71.9





#55

Dibenzenofuran

Concen: 66.253 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

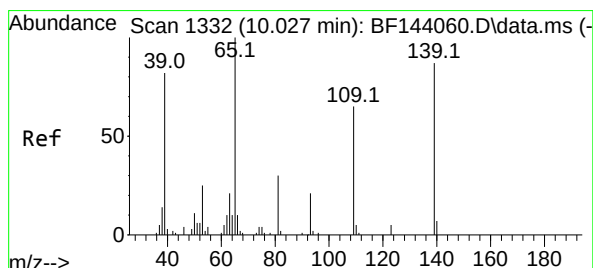
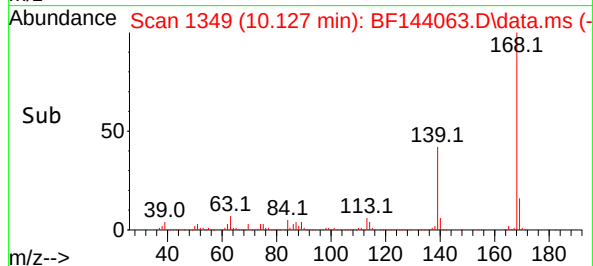
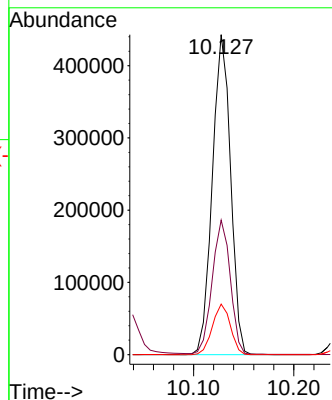
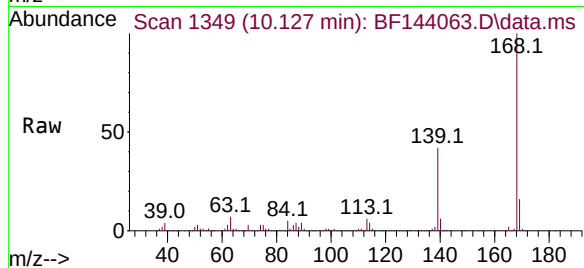
Tgt Ion:168 Resp: 560264

Ion Ratio Lower Upper

168 100

139 42.0 33.2 49.8

169 15.8 12.6 19.0



#56

4-Nitrophenol

Concen: 75.509 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

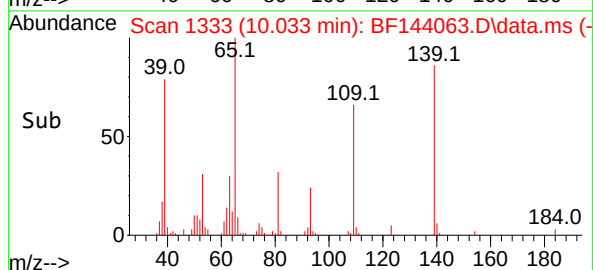
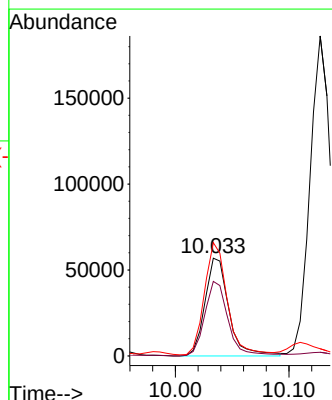
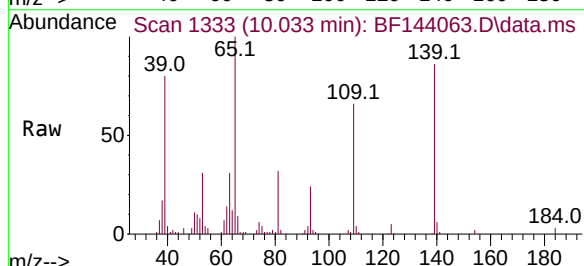
Tgt Ion:139 Resp: 83091

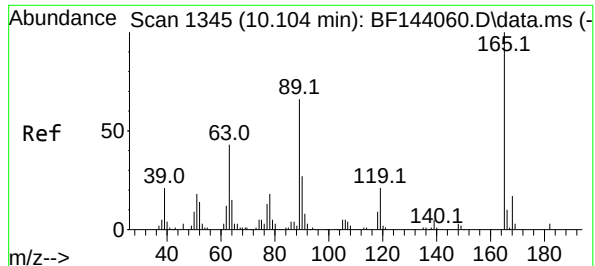
Ion Ratio Lower Upper

139 100

109 76.3 53.8 93.8

65 115.9 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 73.844 ng

RT: 10.110 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 145667

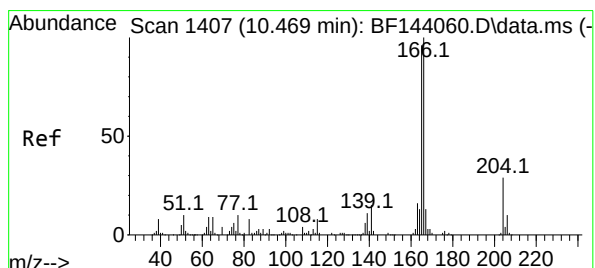
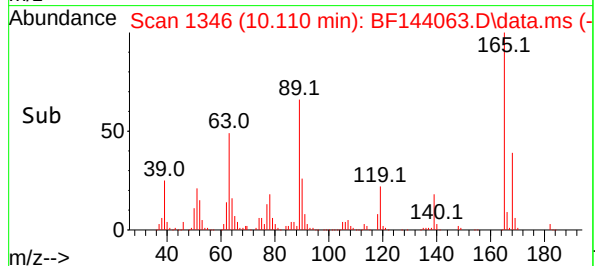
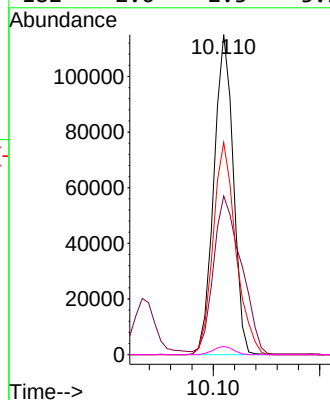
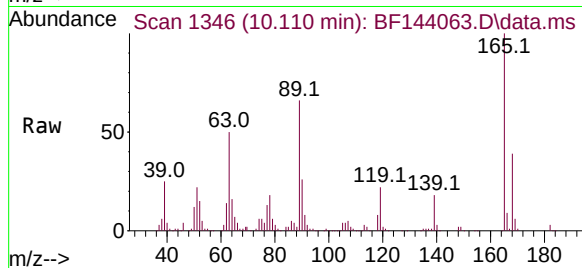
Ion Ratio Lower Upper

165 100

63 49.6 35.4 53.2

89 66.3 52.7 79.1

182 2.6 2.3 3.5



#58

Fluorene

Concen: 66.175 ng

RT: 10.474 min Scan# 1408

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

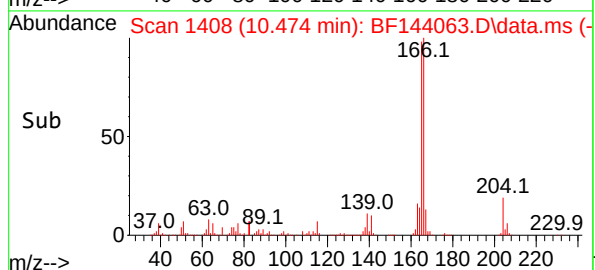
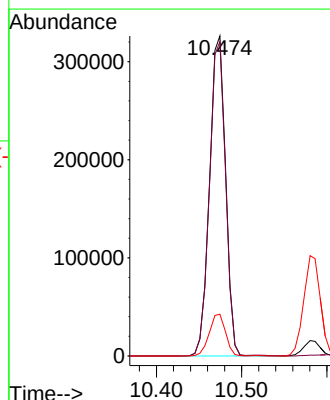
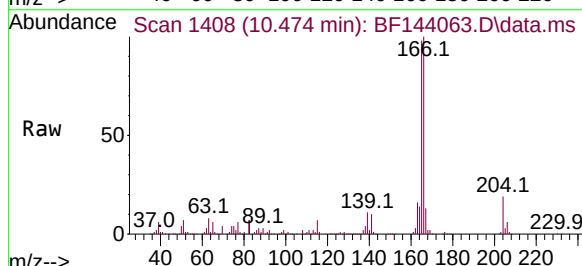
Tgt Ion:166 Resp: 426390

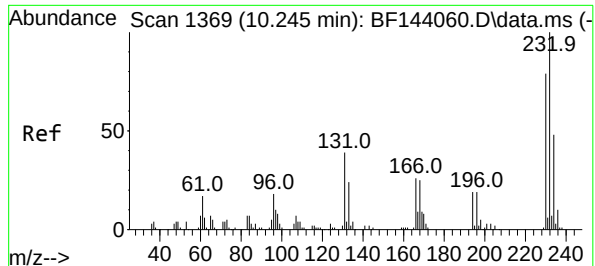
Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.4

167 13.0 10.2 15.4

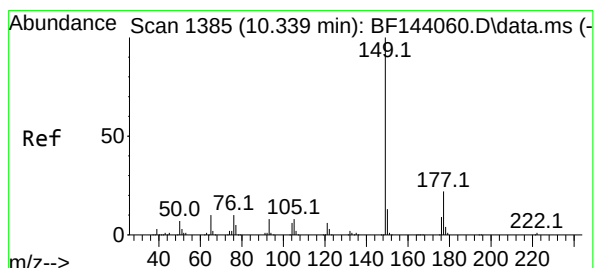
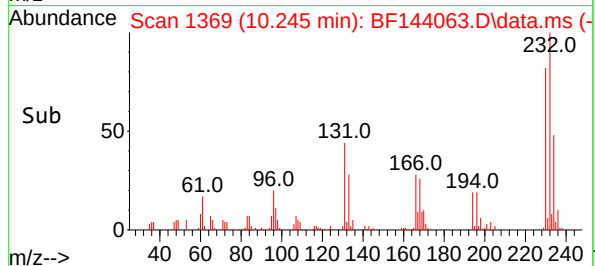
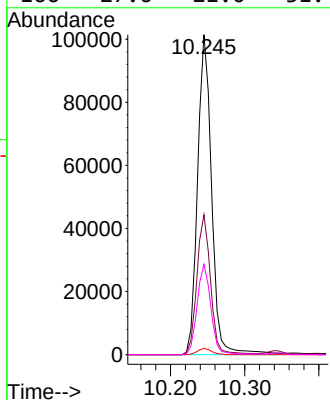
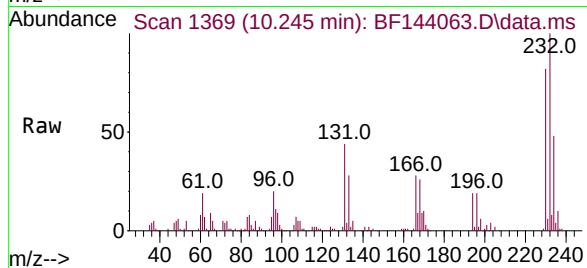




#59
2,3,4,6-Tetrachlorophenol
Concen: 71.865 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

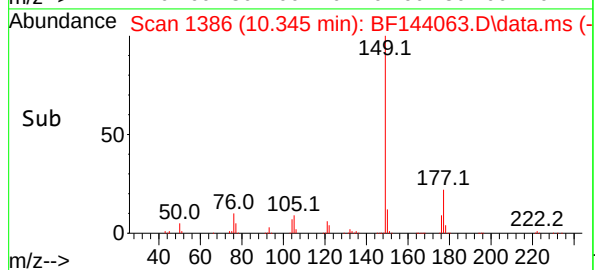
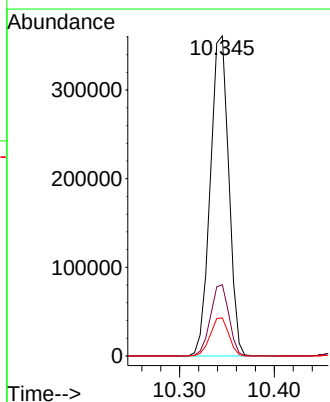
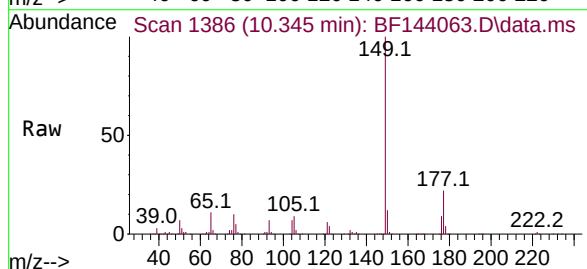
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

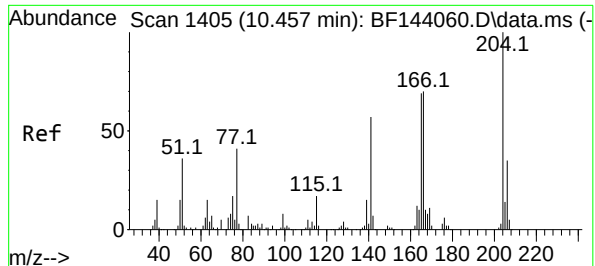
Tgt Ion:232 Resp: 133917
Ion Ratio Lower Upper
232 100
131 42.4 31.9 47.9
130 1.9 1.1 1.7#
166 27.6 21.0 31.4



#60
Diethylphthalate
Concen: 70.274 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:149 Resp: 488605
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.9 10.1 15.1

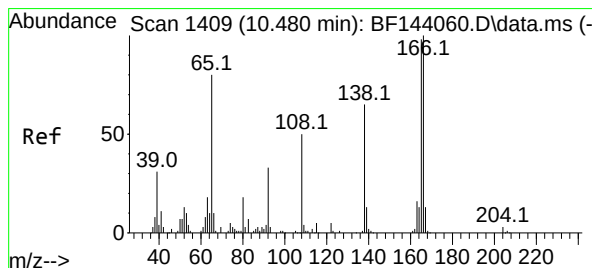
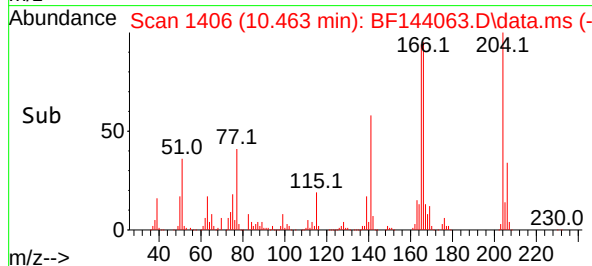
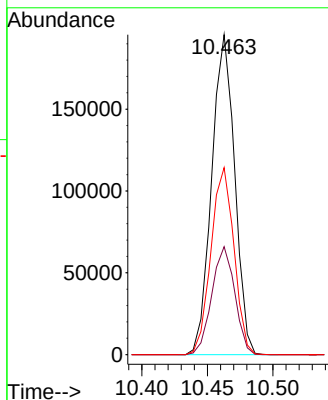
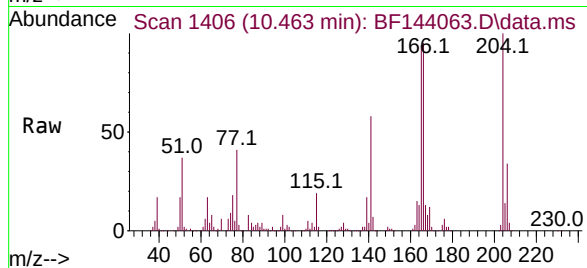




#61
4-Chlorophenyl-phenylether
Concen: 65.871 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

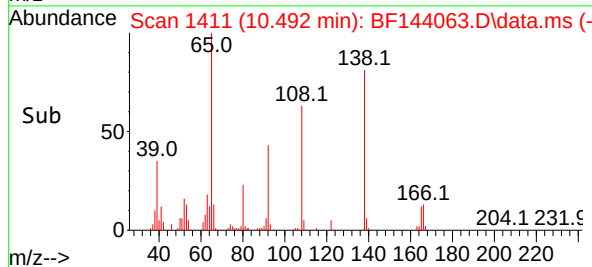
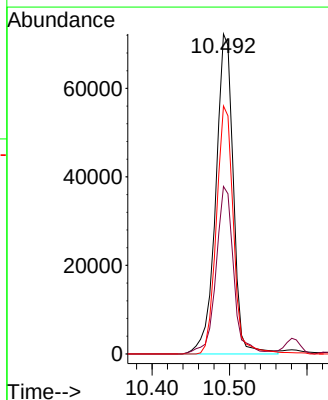
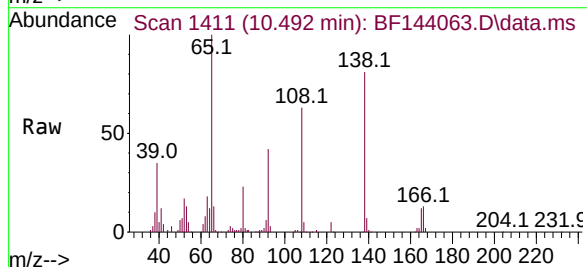
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

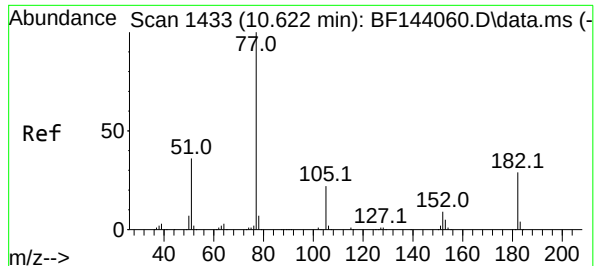
Tgt Ion:204 Resp: 238684
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 58.4 45.4 68.2



#62
4-Nitroaniline
Concen: 73.997 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:138 Resp: 113935
Ion Ratio Lower Upper
138 100
92 52.3 30.5 70.5
108 77.5 56.2 96.2

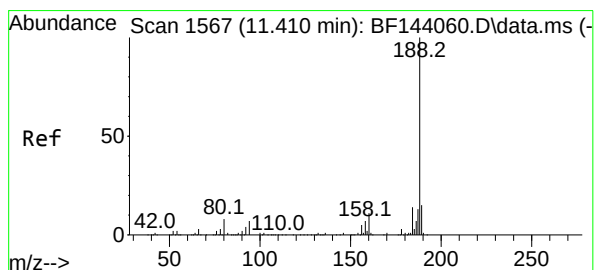
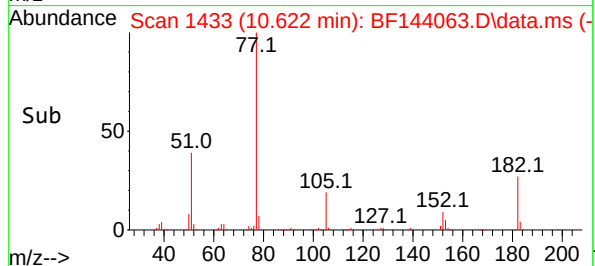
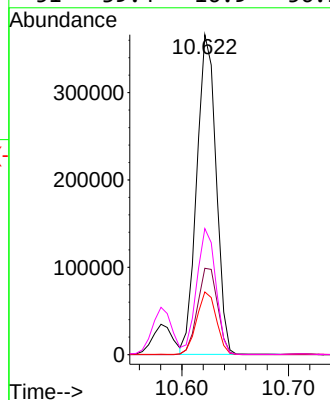
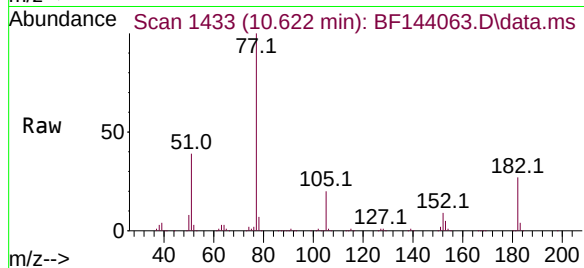




#63
Azobenzene
Concen: 69.934 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

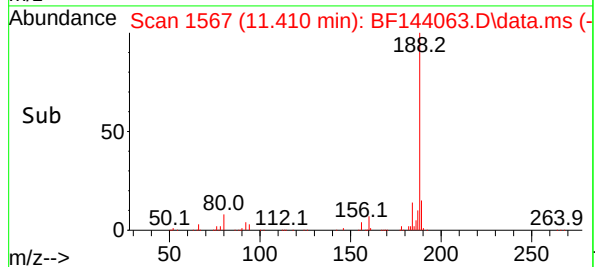
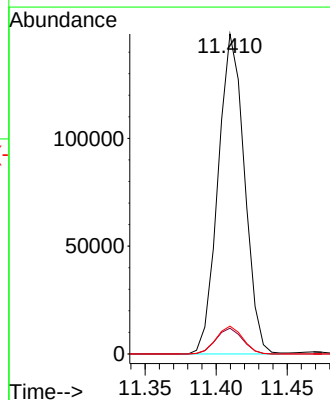
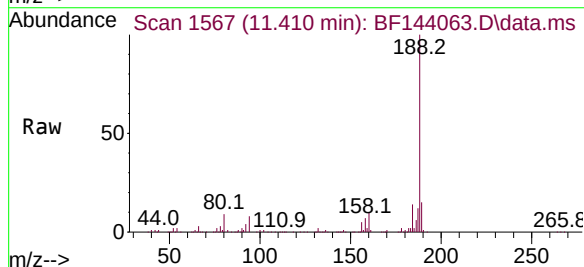
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

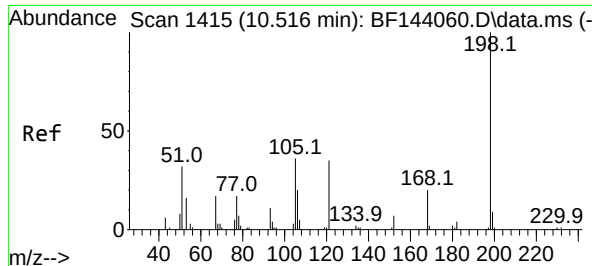
Tgt Ion: 77 Resp: 460222
Ion Ratio Lower Upper
77 100
182 27.0 9.0 49.0
105 19.6 1.4 41.4
51 39.4 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 188 Resp: 191608
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.0
80 8.7 6.0 9.0

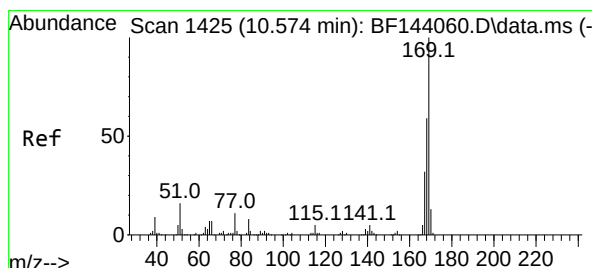
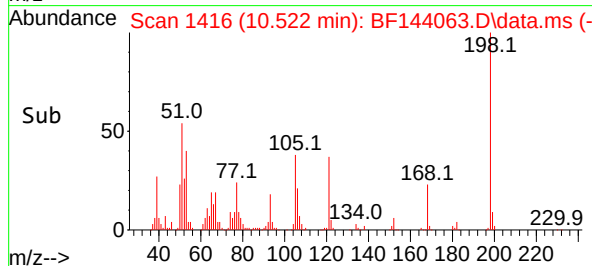
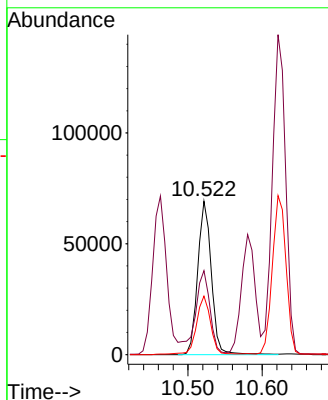
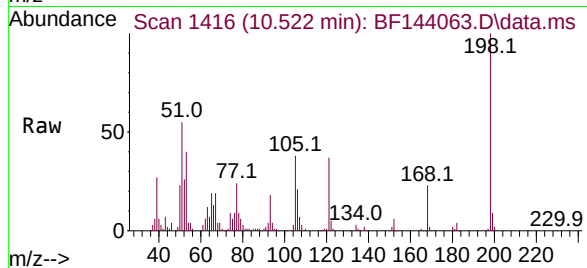




#65
4,6-Dinitro-2-methylphenol
Concen: 72.027 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

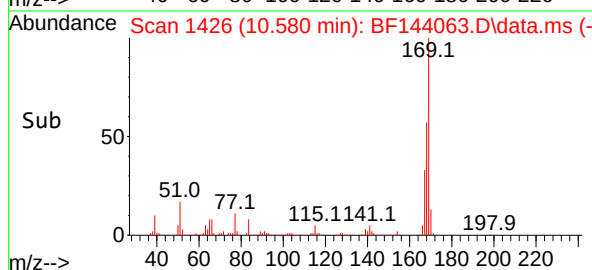
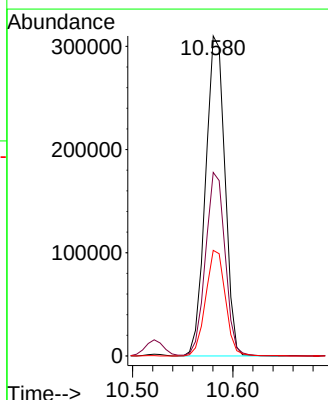
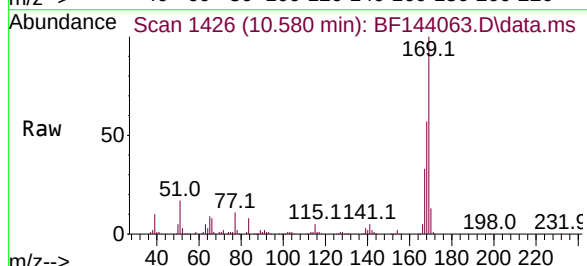
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

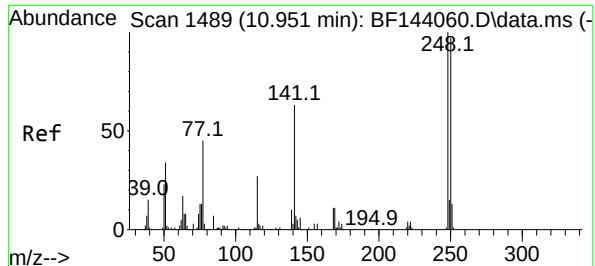
Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.7	25.8	65.8
105	38.1	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 67.908 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.3	47.4	71.2
167	33.0	25.5	38.3

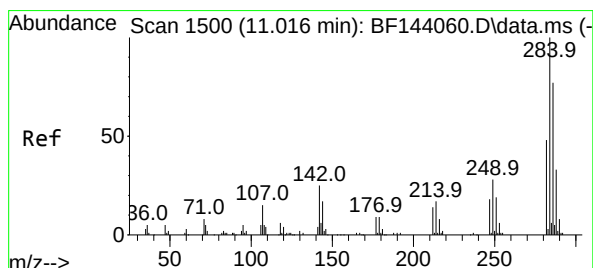
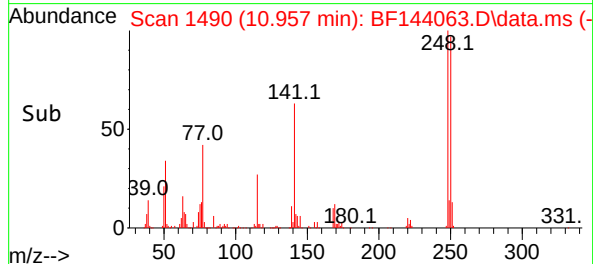
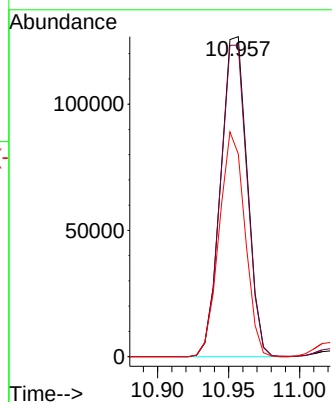
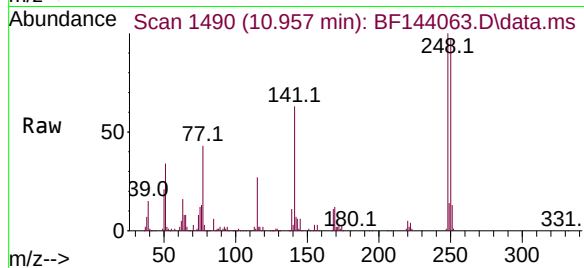




#67
4-Bromophenyl-phenylether
Concen: 68.643 ng
RT: 10.957 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

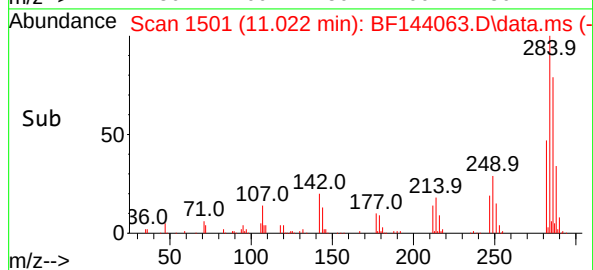
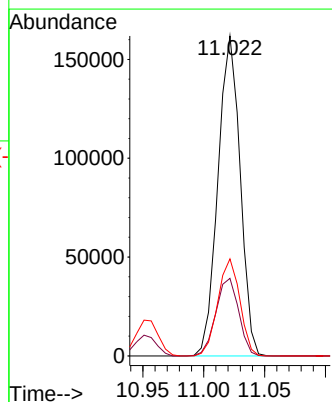
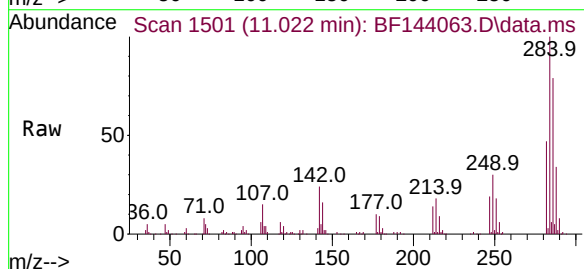
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

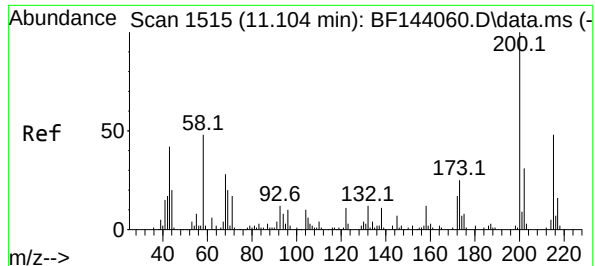
Tgt Ion:248 Resp: 164677
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 63.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 69.766 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:284 Resp: 205267
Ion Ratio Lower Upper
284 100
142 24.2 20.0 30.0
249 30.3 22.2 33.2





#69

Atrazine

Concen: 64.536 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

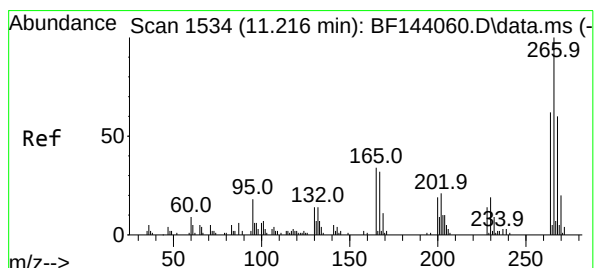
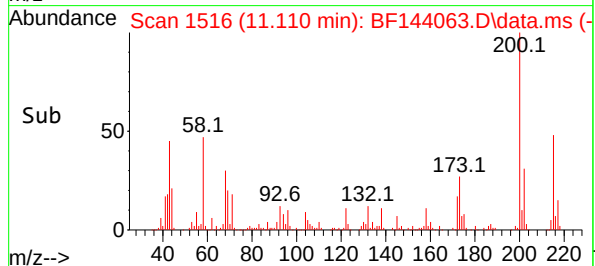
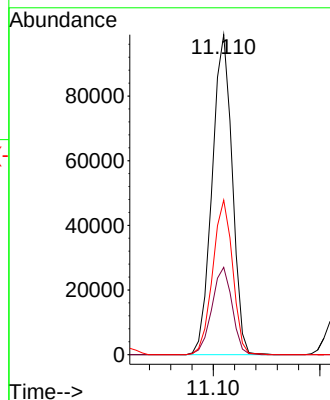
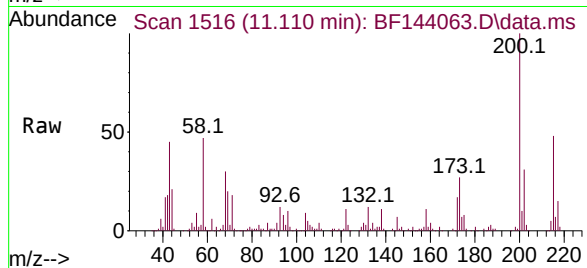
Tgt Ion:200 Resp: 129646

Ion Ratio Lower Upper

200 100

173 27.3 4.9 44.9

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 79.055 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

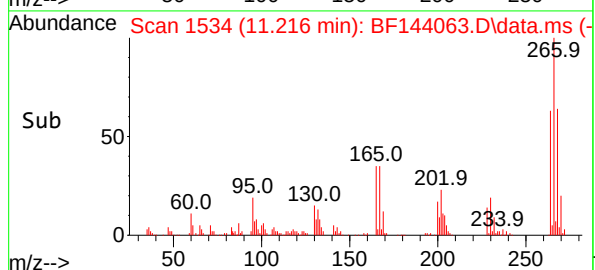
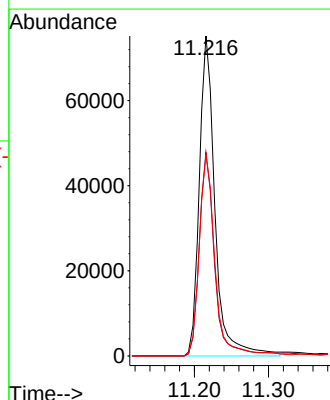
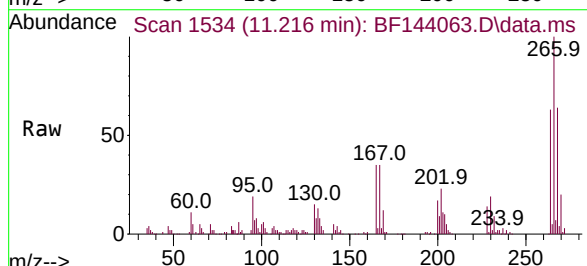
Tgt Ion:266 Resp: 110717

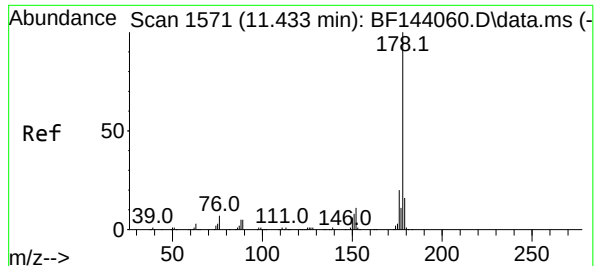
Ion Ratio Lower Upper

266 100

268 63.6 48.2 72.4

264 62.9 49.4 74.0

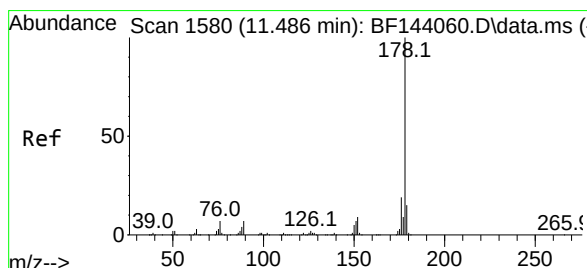
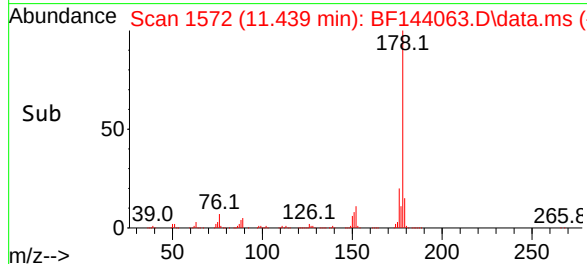
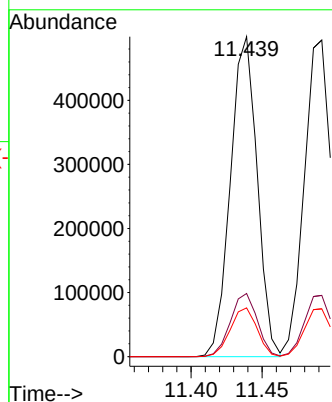
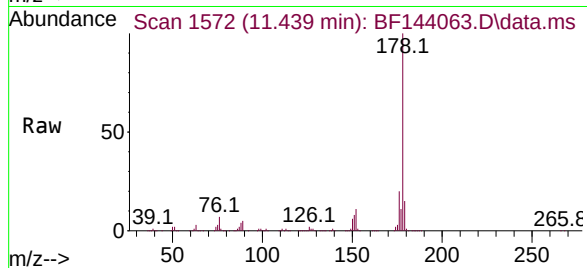




#71
Phenanthrene
Concen: 68.769 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

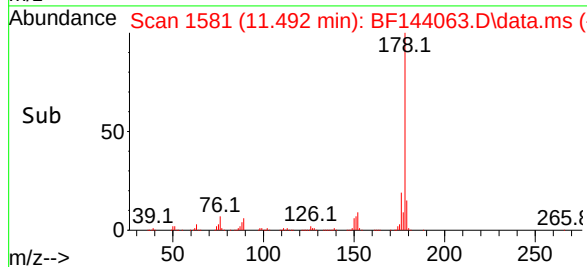
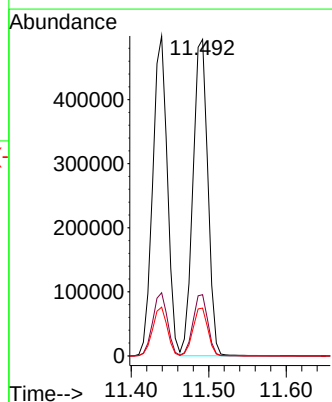
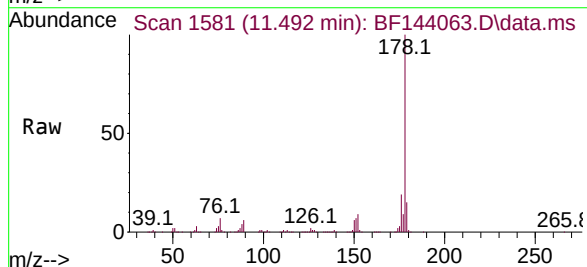
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

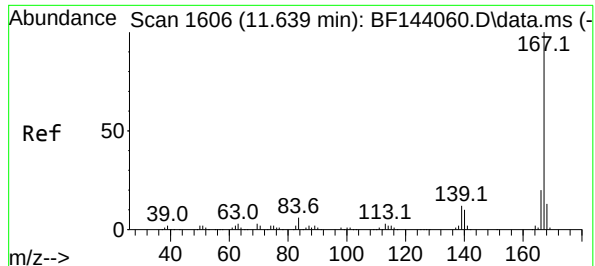
Tgt Ion:178 Resp: 654557
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.2 12.6 18.8



#72
Anthracene
Concen: 66.765 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

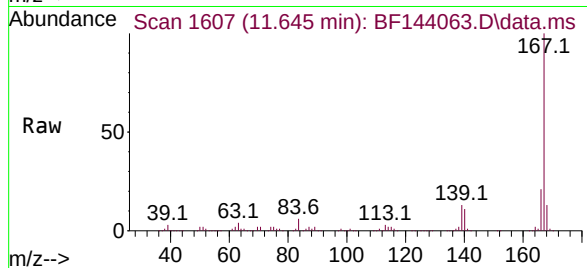
Tgt Ion:178 Resp: 656473
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.1 11.8 17.6



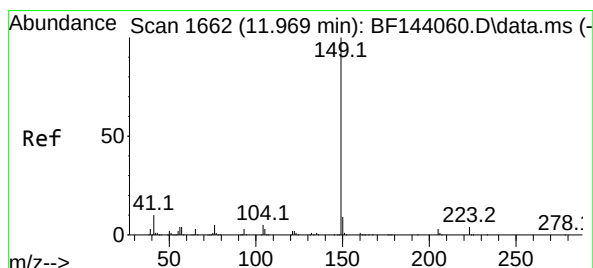
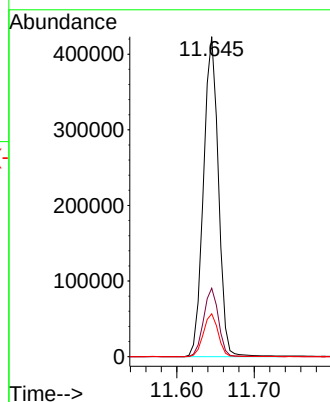
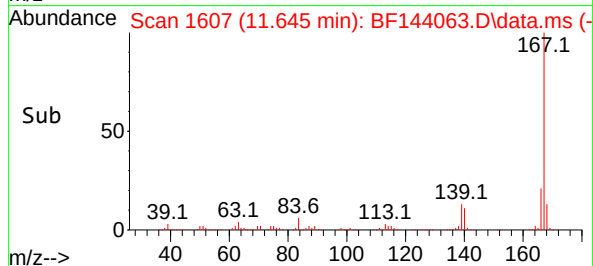


#73
Carbazole
Concen: 67.538 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

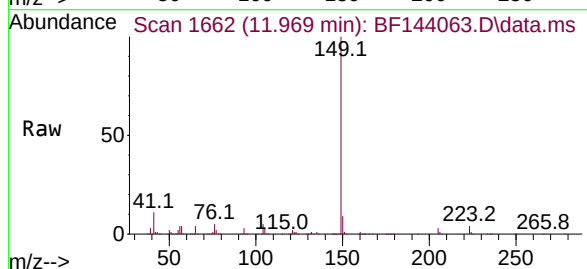
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



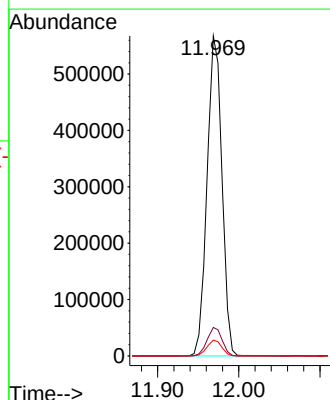
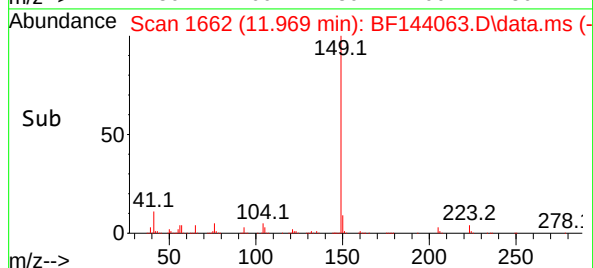
Tgt Ion:167 Resp: 565232
Ion Ratio Lower Upper
167 100
166 21.4 16.1 24.1
139 13.4 9.8 14.6

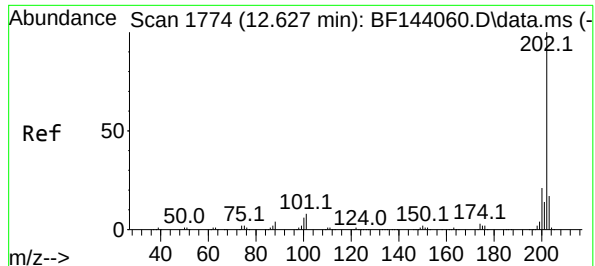


#74
Di-n-butylphthalate
Concen: 70.556 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32



Tgt Ion:149 Resp: 723962
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 69.552 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

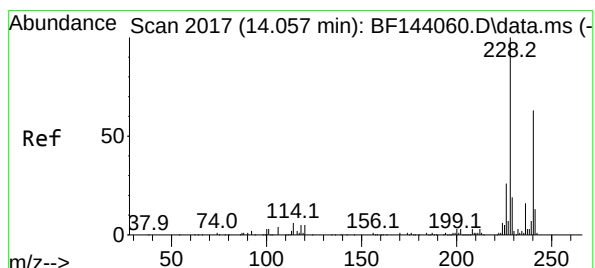
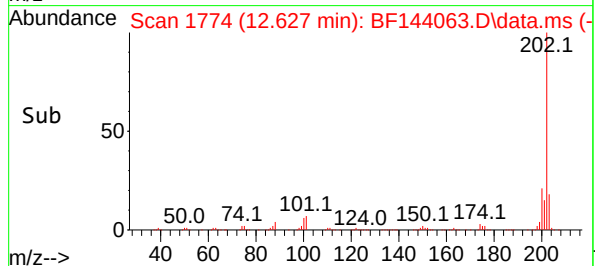
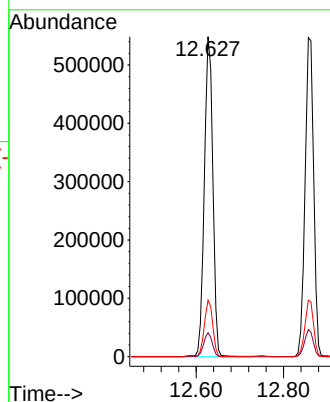
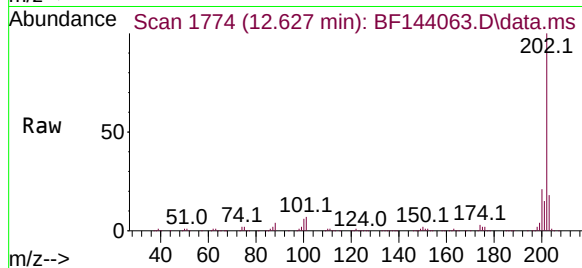
Tgt Ion:202 Resp: 731393

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

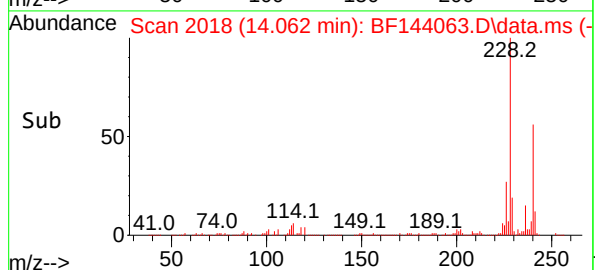
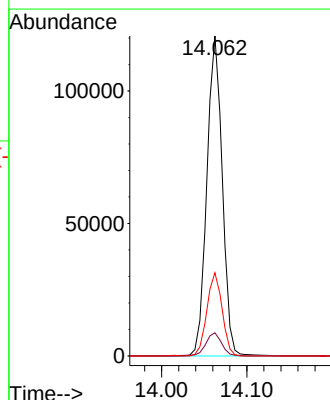
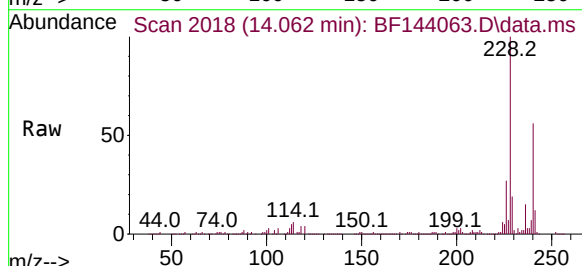
Tgt Ion:240 Resp: 151514

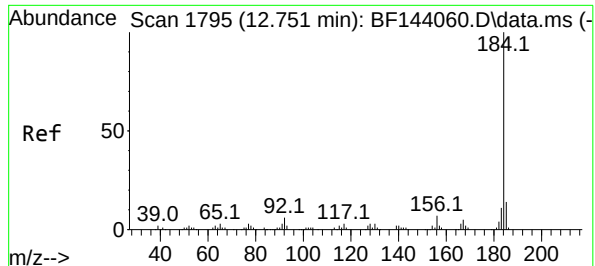
Ion Ratio Lower Upper

240 100

120 7.2 6.5 9.7

236 26.0 20.1 30.1





#77

Benzidine

Concen: 59.887 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

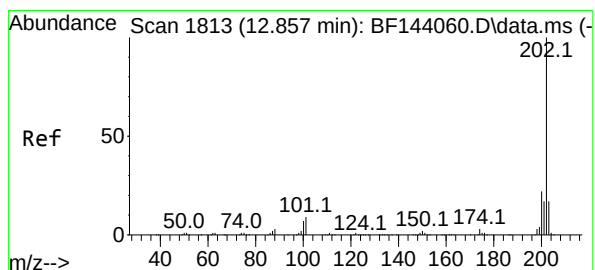
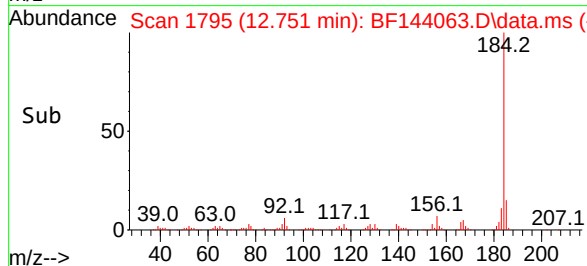
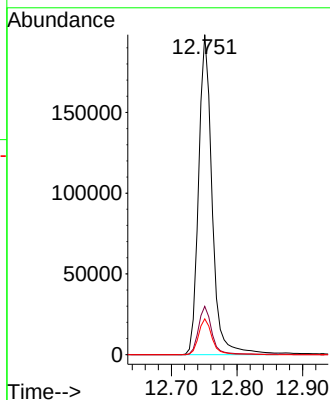
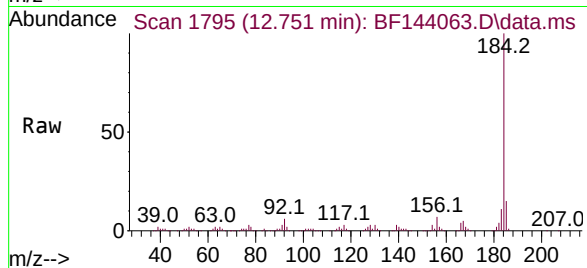
Tgt Ion:184 Resp: 282392

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 11.2 8.5 12.7



#78

Pyrene

Concen: 68.794 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

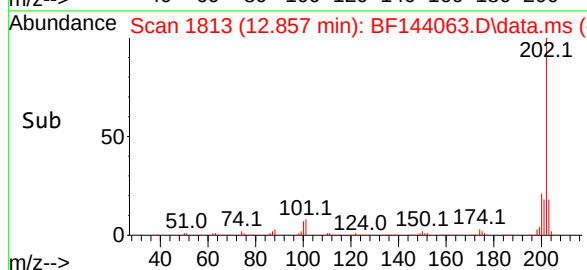
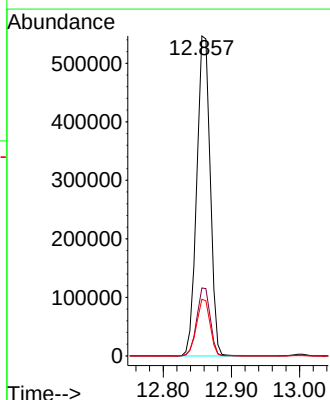
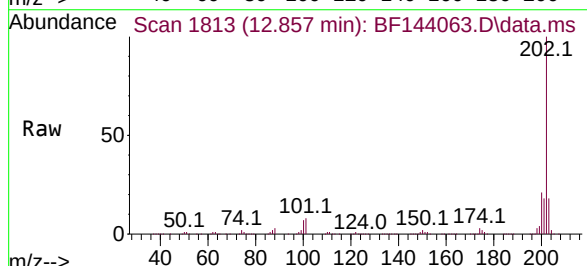
Tgt Ion:202 Resp: 749362

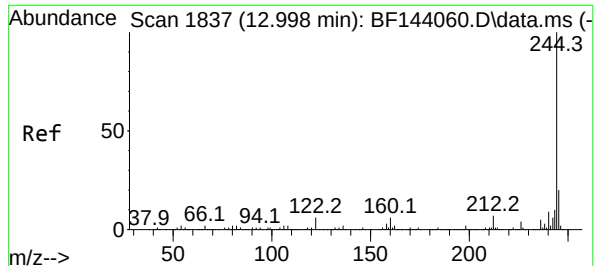
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.7 13.5 20.3





#79

Terphenyl-d14

Concen: 142.390 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

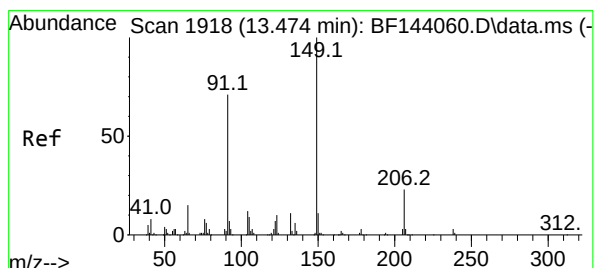
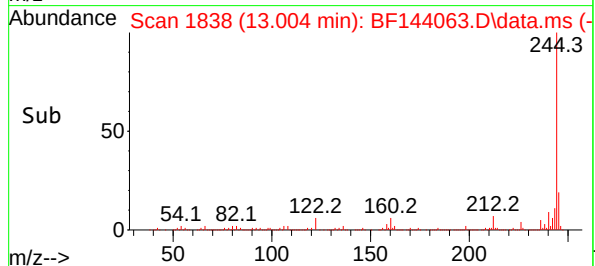
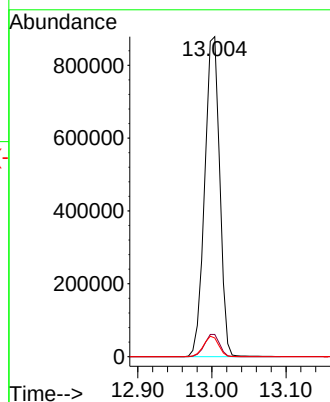
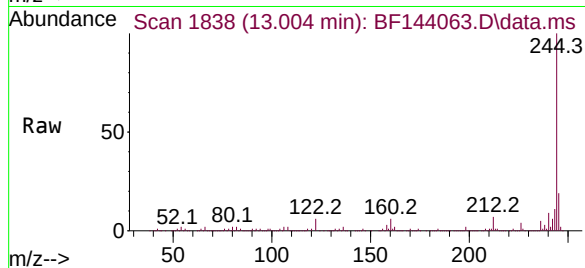
Tgt Ion:244 Resp: 1234056

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 5.8 4.9 7.3



#80

Butylbenzylphthalate

Concen: 73.645 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

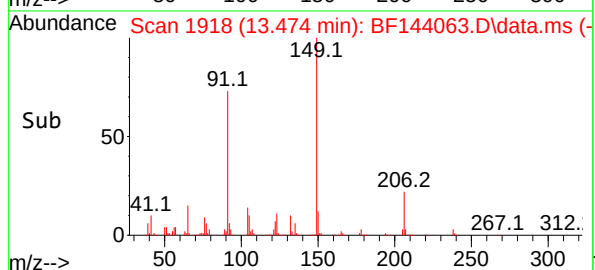
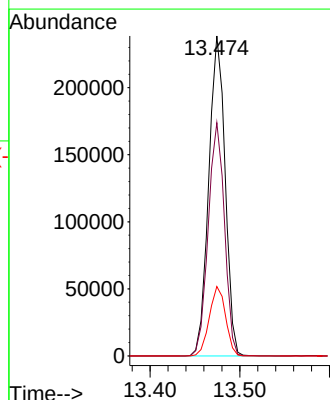
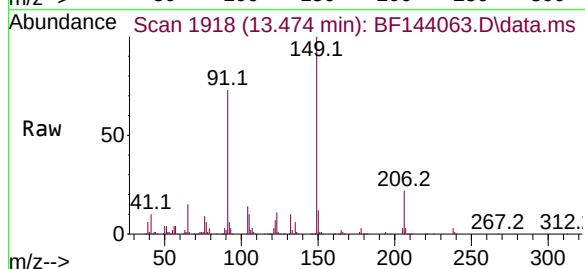
Tgt Ion:149 Resp: 303486

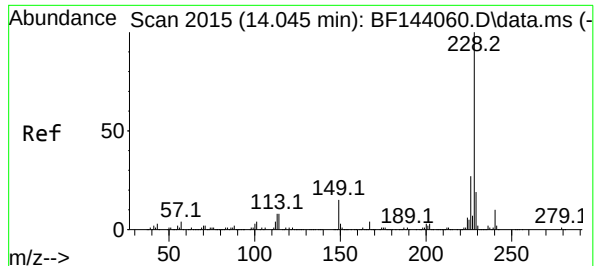
Ion Ratio Lower Upper

149 100

91 72.9 56.6 84.8

206 21.7 18.3 27.5





#81

Benzo(a)anthracene

Concen: 72.564 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

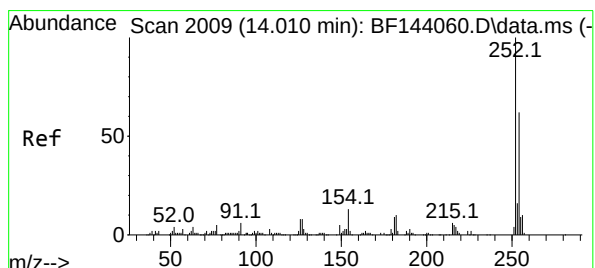
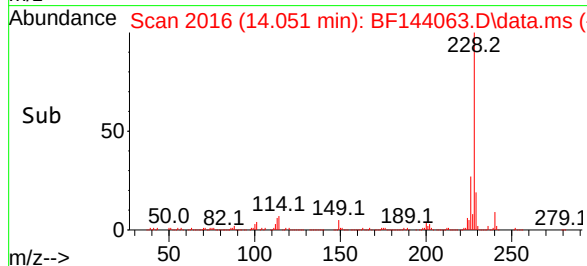
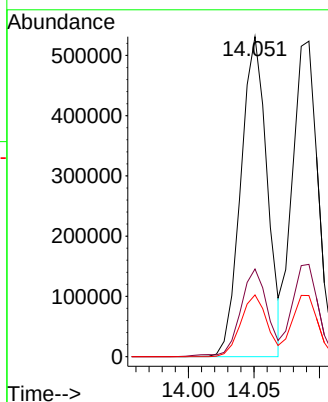
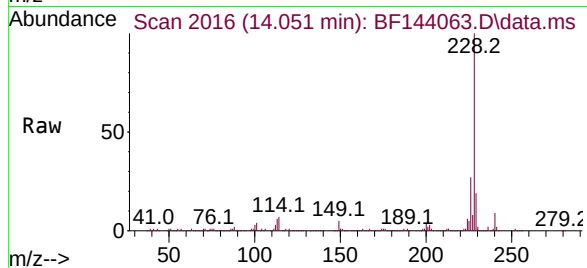
Tgt Ion:228 Resp: 743007

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 19.3 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 72.536 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

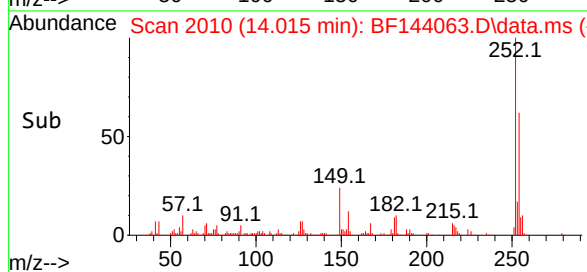
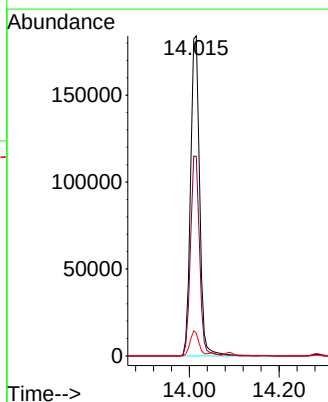
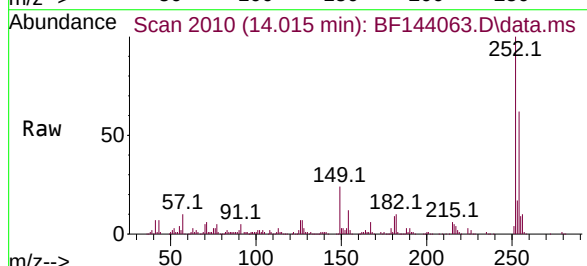
Tgt Ion:252 Resp: 258546

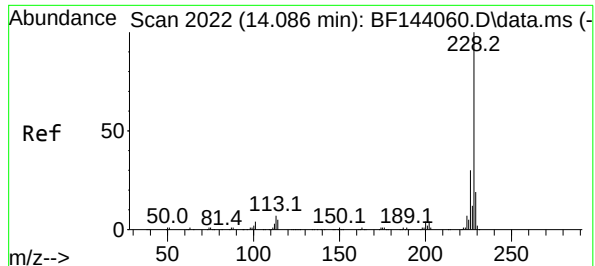
Ion Ratio Lower Upper

252 100

254 62.4 49.9 74.9

126 7.1 6.5 9.7





#83

Chrysene

Concen: 73.777 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

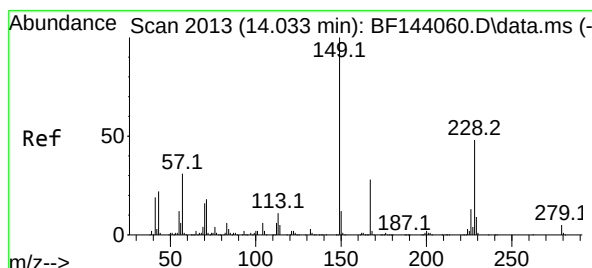
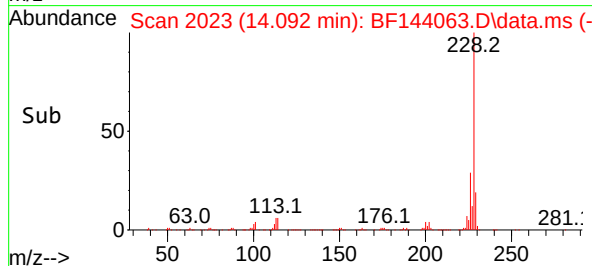
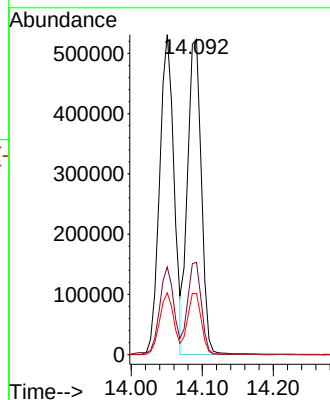
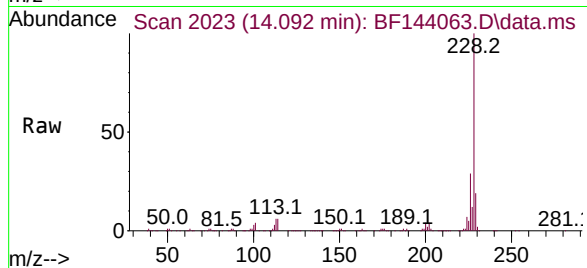
Tgt Ion:228 Resp: 708889

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.226 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

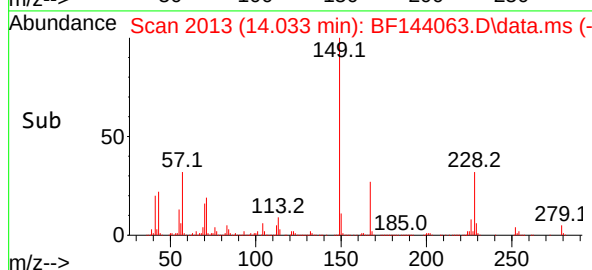
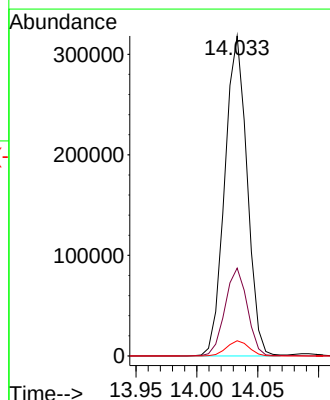
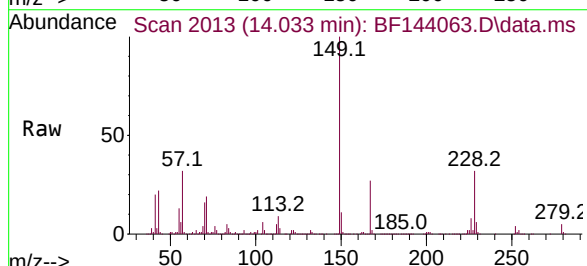
Tgt Ion:149 Resp: 406325

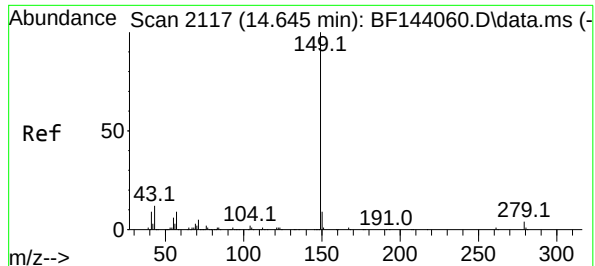
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.7 3.6 5.4

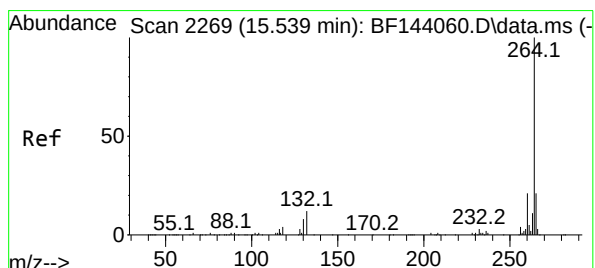
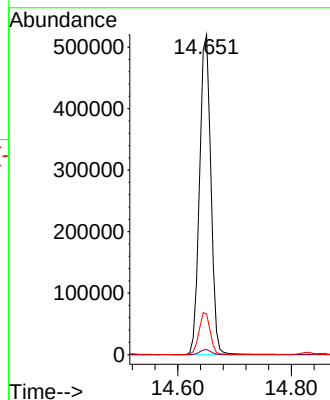
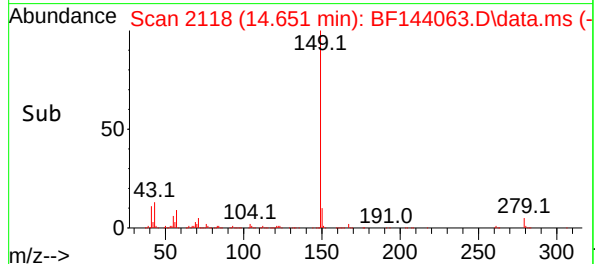
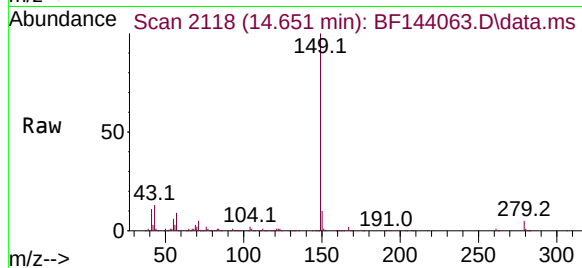




#85
Di-n-octyl phthalate
Concen: 73.894 ng
RT: 14.651 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

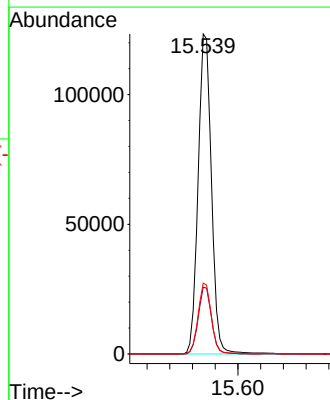
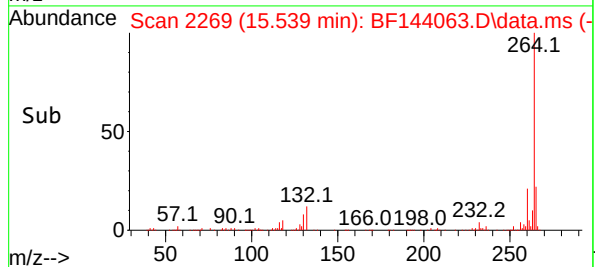
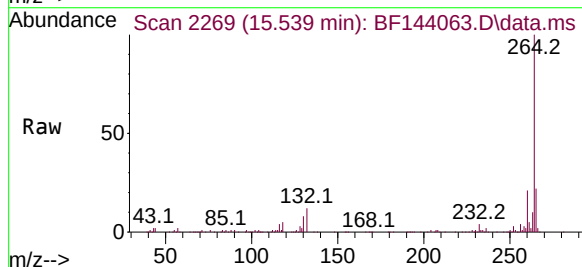
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

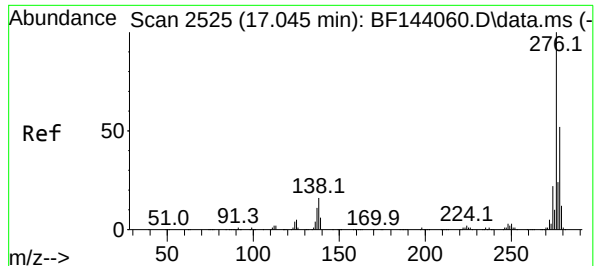
Tgt Ion:149 Resp: 714909
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:264 Resp: 200004
Ion Ratio Lower Upper
264 100
260 20.8 17.0 25.4
265 22.1 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 73.561 ng

RT: 17.062 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

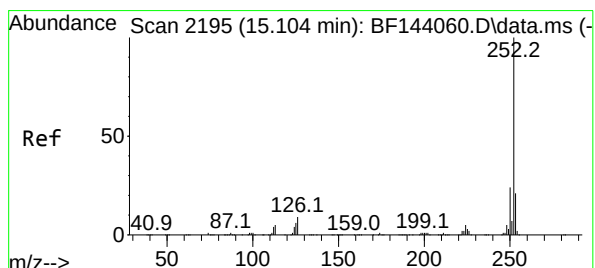
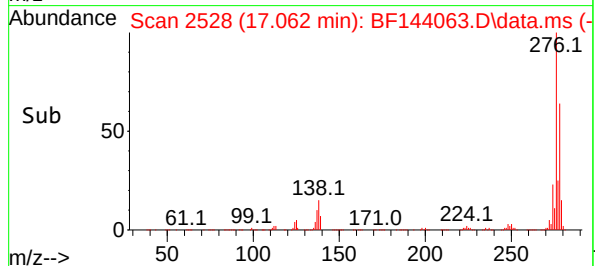
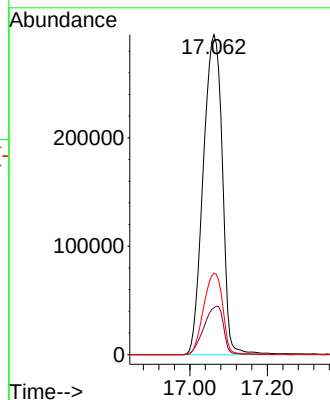
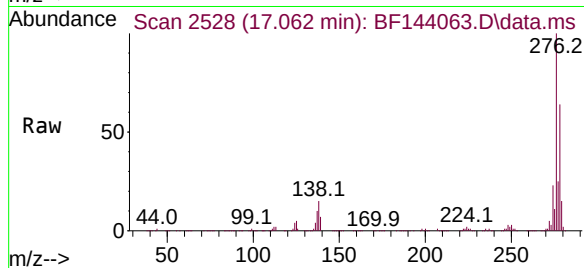
Tgt Ion:276 Resp: 1010103

Ion Ratio Lower Upper

276 100

138 15.6 13.0 19.6

277 25.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 74.302 ng

RT: 15.109 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

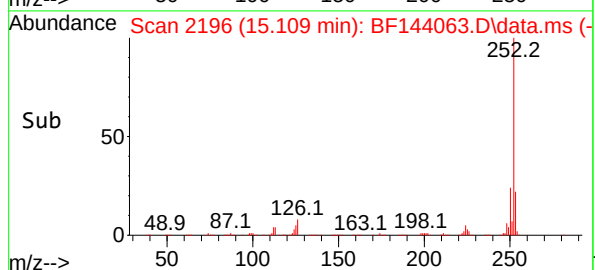
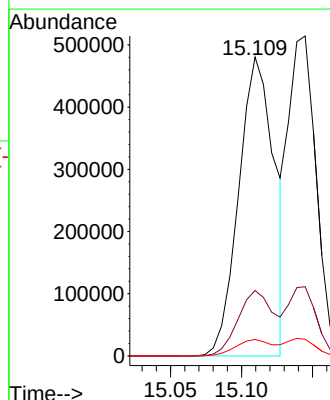
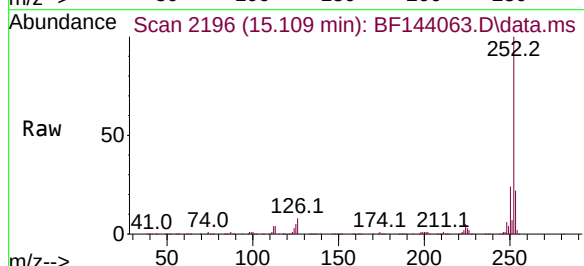
Tgt Ion:252 Resp: 840121

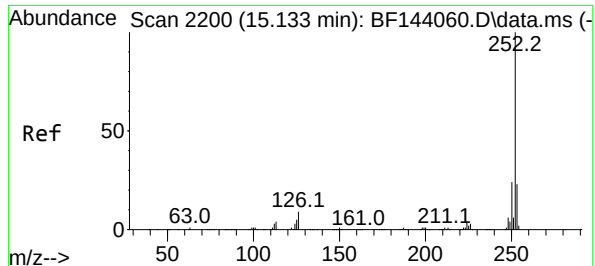
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 5.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 67.953 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

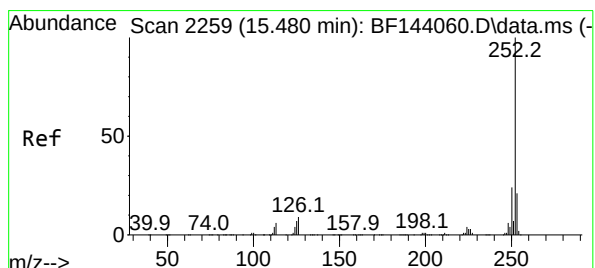
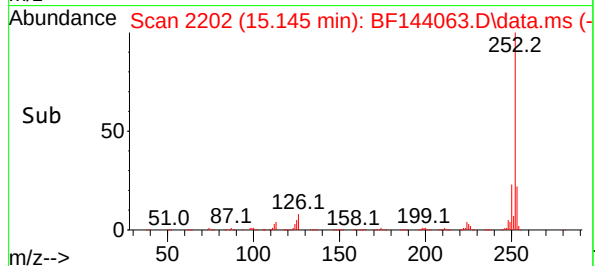
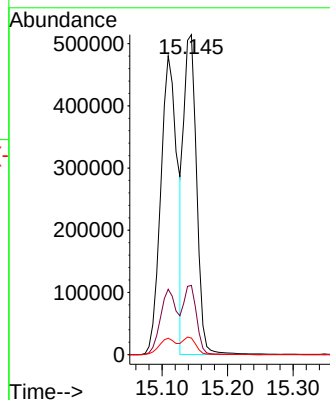
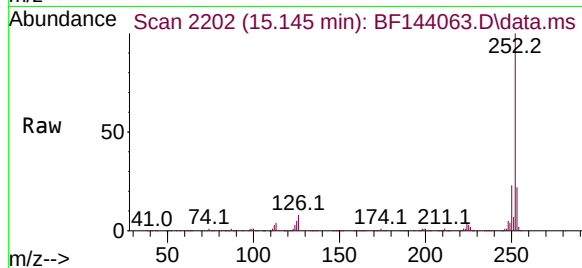
Tgt Ion:252 Resp: 708890

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 5.2 4.9 7.3



#90

Benzo(a)pyrene

Concen: 71.704 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

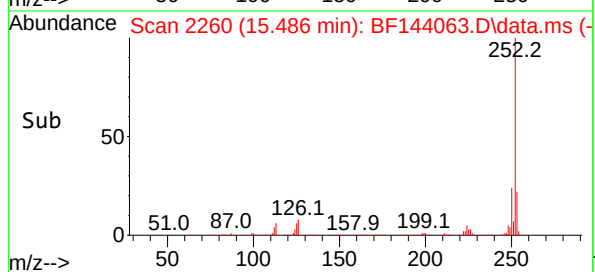
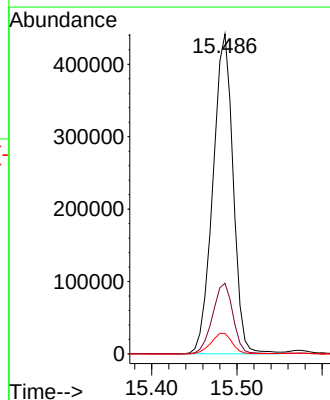
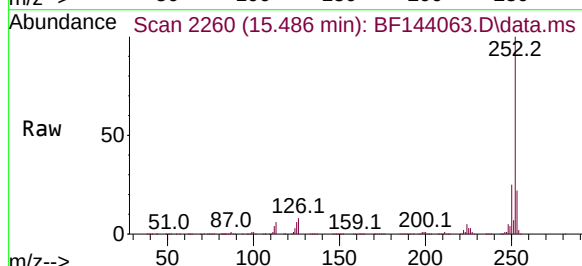
Tgt Ion:252 Resp: 727345

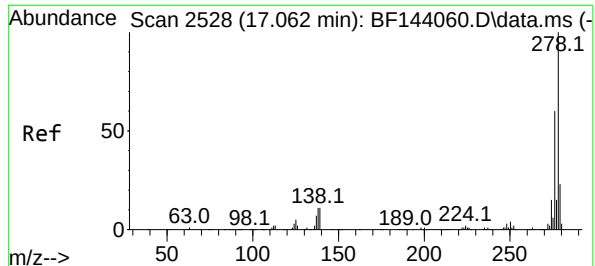
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.4 5.4 8.2

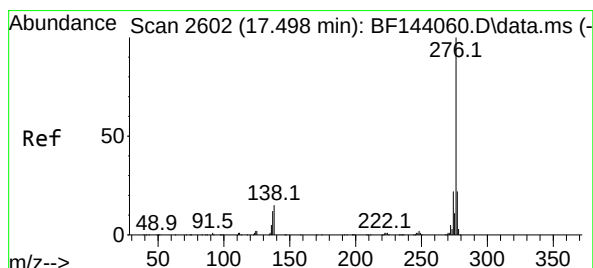
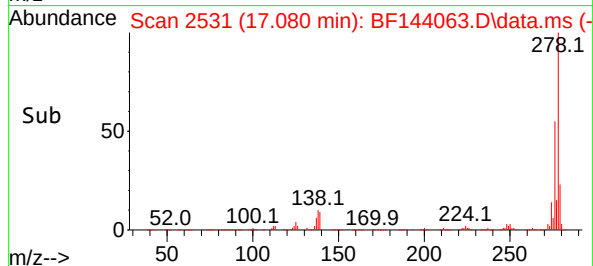
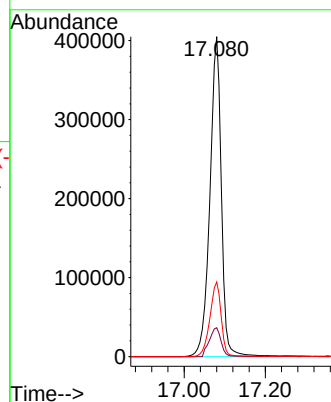
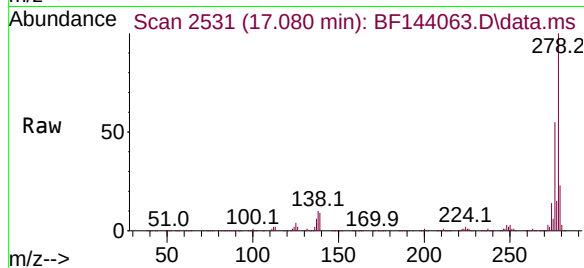




#91
Dibenzo(a,h)anthracene
Concen: 73.369 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

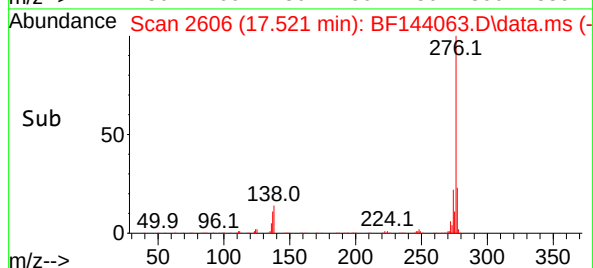
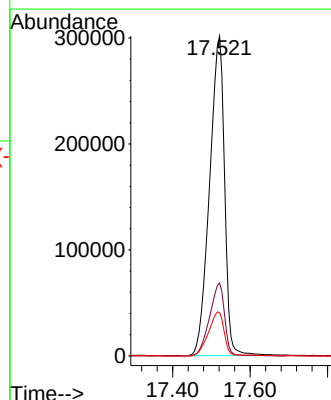
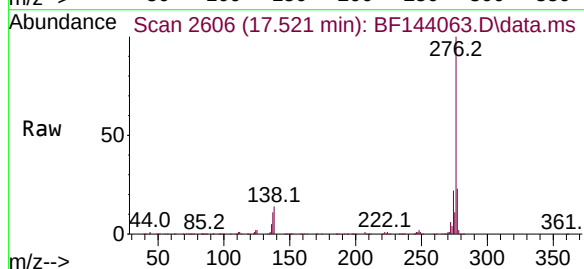
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 797474
Ion Ratio Lower Upper
278 100
139 9.0 8.5 12.7
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 74.269 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.024 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:276 Resp: 811620
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 13.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144064.D
 Acq On : 24 Oct 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 24 17:06:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	40936	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	144864	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	76683	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	132038	20.000	ng	0.00
76) Chrysene-d12	14.062	240	106050	20.000	ng	0.00
86) Perylene-d12	15.539	264	140075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	324791	125.526	ng	0.00
7) Phenol-d6	6.510	99	346692	121.325	ng	0.00
23) Nitrobenzene-d5	7.445	82	341936	129.319	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	132798	135.953	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	677674	124.361	ng	0.00
79) Terphenyl-d14	12.998	244	789728	130.186	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	70224	62.807	ng	98
3) Pyridine	3.398	79	196981	65.807	ng	97
4) n-Nitrosodimethylamine	3.351	42	124870	67.890	ng	95
6) Aniline	6.545	93	251710	61.571	ng	99
8) 2-Chlorophenol	6.663	128	154530	60.645	ng	97
9) Benzaldehyde	6.434	77	172641	77.814	ng	98
10) Phenol	6.522	94	211848	60.092	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	157748	61.925	ng	100
12) 1,3-Dichlorobenzene	6.822	146	192311	61.183	ng	96
13) 1,4-Dichlorobenzene	6.898	146	193362	62.421	ng	99
14) 1,2-Dichlorobenzene	7.051	146	186696	62.289	ng	99
15) Benzyl Alcohol	7.022	79	150113	64.606	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	284081	59.335	ng	98
17) 2-Methylphenol	7.128	107	120515	61.494	ng	97
18) Hexachloroethane	7.392	117	73031	65.943	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	115863	62.701	ng	99
20) 3+4-Methylphenols	7.286	107	142326	61.433	ng	# 85
22) Acetophenone	7.292	105	198031	63.255	ng	99
24) Nitrobenzene	7.463	77	181356	64.837	ng	96
25) Isophorone	7.704	82	298273	64.523	ng	99
26) 2-Nitrophenol	7.781	139	84384	63.417	ng	92
27) 2,4-Dimethylphenol	7.810	122	127412	64.435	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	180863	62.737	ng	98
29) 2,4-Dichlorophenol	8.022	162	142524	61.979	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	151390	63.994	ng	97
31) Naphthalene	8.186	128	427166	62.477	ng	99
32) Benzoic acid	7.928	122	73142	58.314	ng	85
33) 4-Chloroaniline	8.233	127	149397	62.767	ng	98
34) Hexachlorobutadiene	8.298	225	128615	66.488	ng	98
35) Caprolactam	8.604	113	37413	64.879	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	128805	63.473	ng	94
37) 2-Methylnaphthalene	8.875	142	276923	61.432	ng	96
38) 1-Methylnaphthalene	8.975	142	265532	62.174	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	164703	62.495	ng	99
41) Hexachlorocyclopentadiene	9.027	237	62879	77.248	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	111523	65.103	ng	99

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 Data File : BF144064.D
 Acq On : 24 Oct 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 24 17:06:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

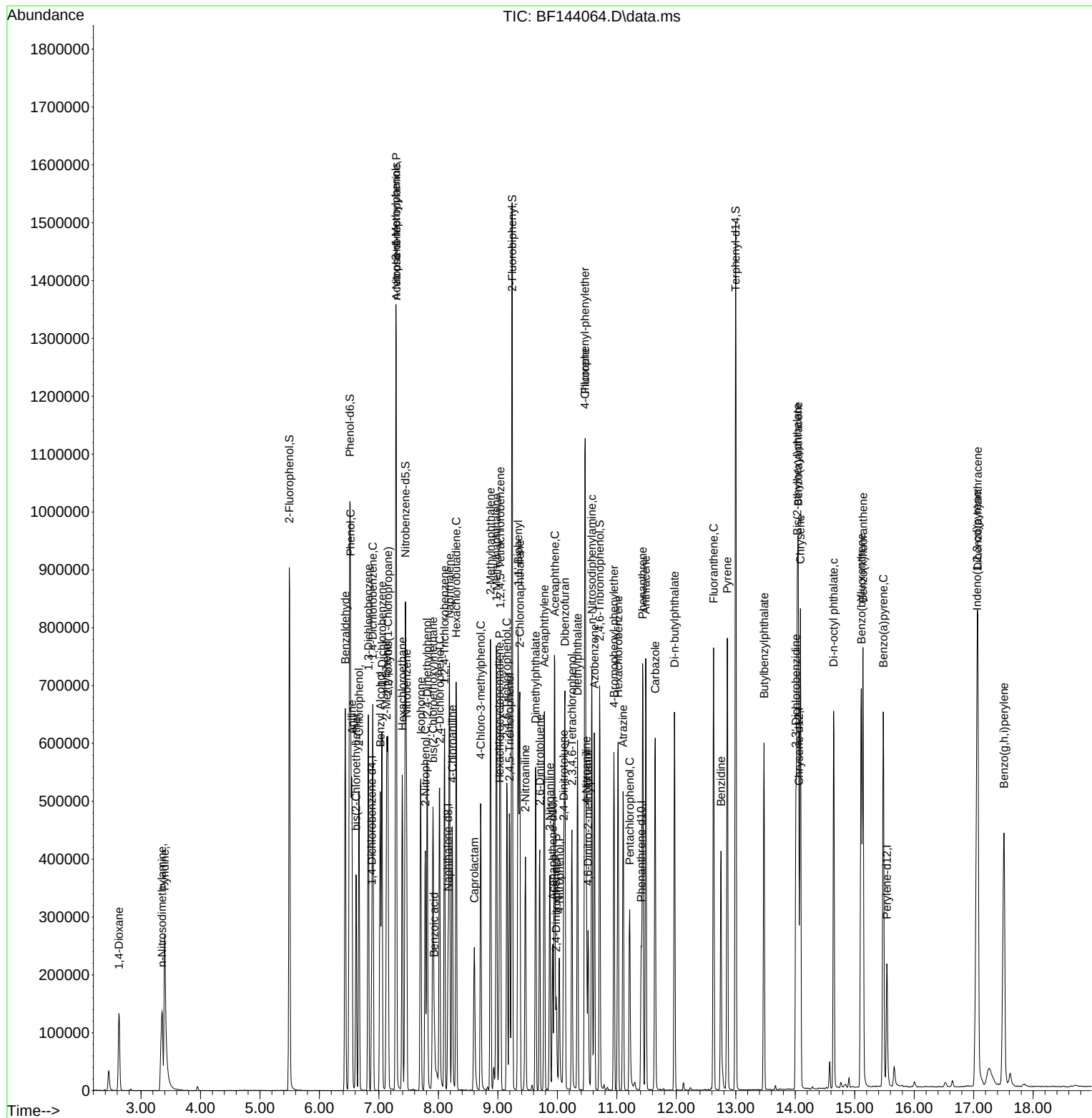
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117536	65.377	ng	96
46) 1,1'-Biphenyl	9.339	154	338254	61.621	ng	100
47) 2-Chloronaphthalene	9.369	162	287490	62.514	ng	99
48) 2-Nitroaniline	9.463	65	91867	67.272	ng	97
49) Acenaphthylene	9.780	152	383800	61.895	ng	99
50) Dimethylphthalate	9.633	163	319101	63.485	ng	100
51) 2,6-Dinitrotoluene	9.704	165	66198	66.619	ng	97
52) Acenaphthene	9.957	154	258125	62.331	ng	98
53) 3-Nitroaniline	9.874	138	69206	62.642	ng	93
54) 2,4-Dinitrophenol	9.980	184	31982	59.508	ng	88
55) Dibenzofuran	10.127	168	353228	61.440	ng	99
56) 4-Nitrophenol	10.033	139	46485	62.136	ng	95
57) 2,4-Dinitrotoluene	10.104	165	89630	66.833	ng	94
58) Fluorene	10.469	166	267202	60.997	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	84250	66.502	ng	# 96
60) Diethylphthalate	10.339	149	303176	64.138	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	155019	62.927	ng	99
62) 4-Nitroaniline	10.486	138	68899	65.819	ng	90
63) Azobenzene	10.621	77	288180	64.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	52340	61.785	ng	91
66) n-Nitrosodiphenylamine	10.580	169	261183	61.911	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	106864	64.641	ng	97
68) Hexachlorobenzene	11.021	284	129804	64.021	ng	98
69) Atrazine	11.104	200	93028	67.200	ng	96
70) Pentachlorophenol	11.216	266	66439	68.842	ng	98
71) Phenanthrene	11.433	178	413305	63.013	ng	98
72) Anthracene	11.486	178	421890	62.266	ng	99
73) Carbazole	11.645	167	359155	62.276	ng	97
74) Di-n-butylphthalate	11.968	149	449708	63.601	ng	99
75) Fluoranthene	12.627	202	462087	63.767	ng	99
77) Benzidine	12.751	184	250383	75.863	ng	99
78) Pyrene	12.857	202	483140	63.369	ng	99
80) Butylbenzylphthalate	13.474	149	189412	65.668	ng	99
81) Benzo(a)anthracene	14.051	228	474589	66.219	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	168368	67.487	ng	99
83) Chrysene	14.086	228	434514	64.608	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	258560	65.663	ng	99
85) Di-n-octyl phthalate	14.645	149	439771	64.942	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	630927	65.606	ng	98
88) Benzo(b)fluoranthene	15.109	252	483612	61.071	ng	98
89) Benzo(k)fluoranthene	15.139	252	486238	66.551	ng	99
90) Benzo(a)pyrene	15.480	252	456250	64.222	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	502376	65.994	ng	99
92) Benzo(g,h,i)perylene	17.509	276	500846	65.439	ng	98

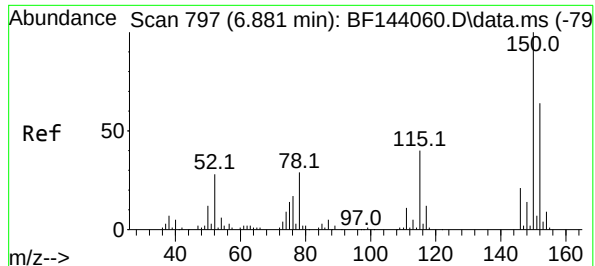
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Acq On    : 24 Oct 2025  16:24  
Operator  : RC/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 24 17:06:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

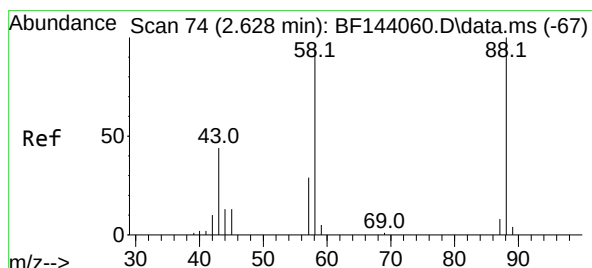
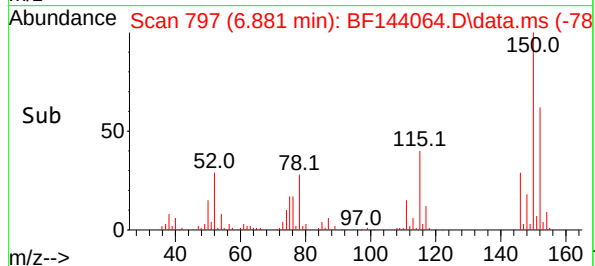
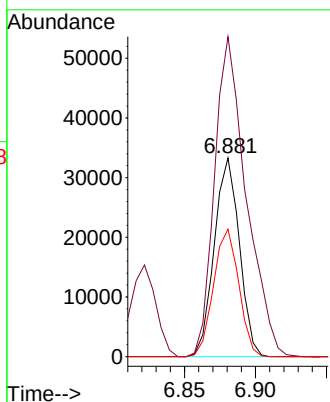
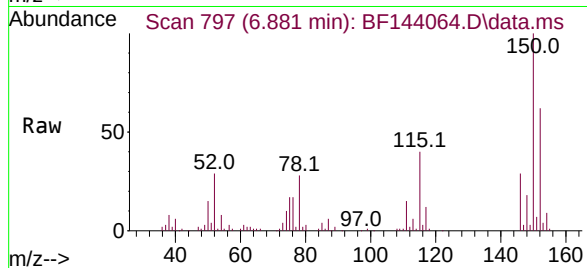




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

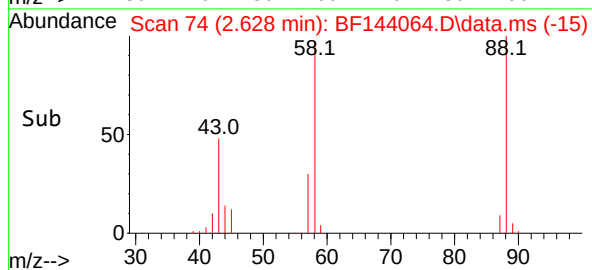
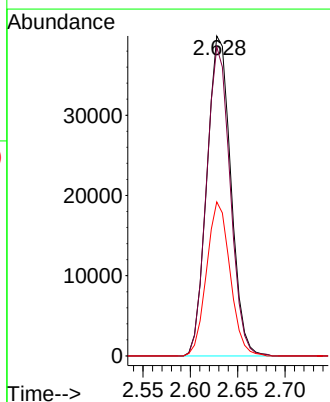
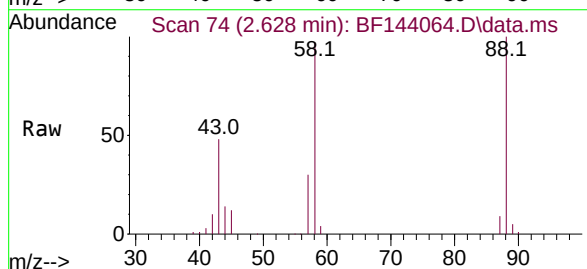
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

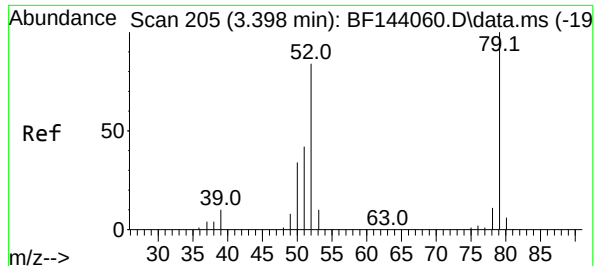
Tgt Ion:152 Resp: 40936
Ion Ratio Lower Upper
152 100
150 161.1 124.4 186.6
115 64.2 49.4 74.0



#2
1,4-Dioxane
Concen: 62.807 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 88 Resp: 70224
Ion Ratio Lower Upper
88 100
58 95.3 76.5 114.7
43 47.2 35.3 52.9





#3

Pyridine

Concen: 65.807 ng

RT: 3.398 min Scan# 205

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

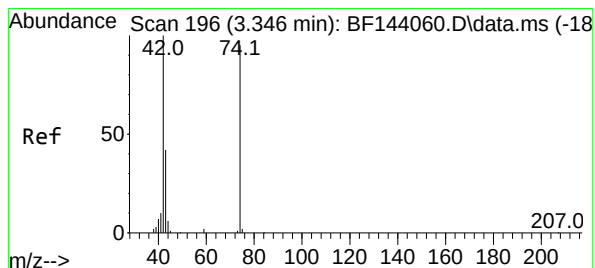
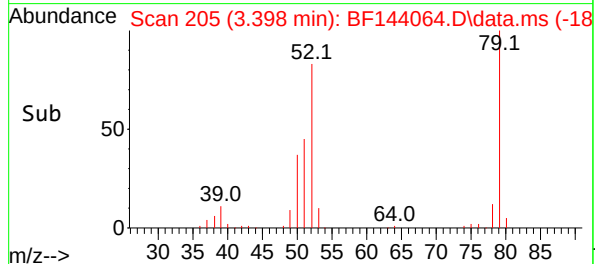
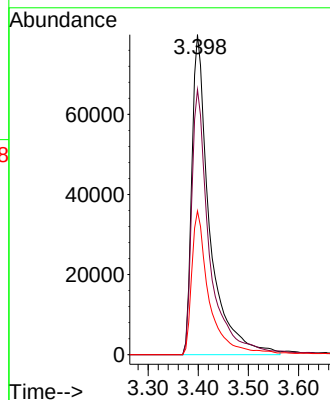
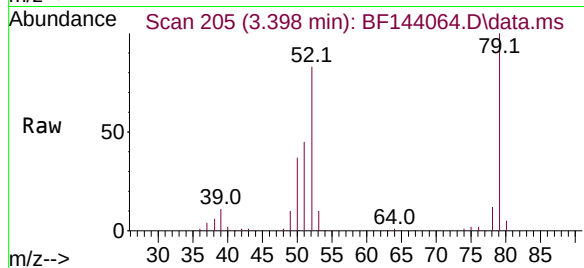
Tgt Ion: 79 Resp: 196981

Ion Ratio Lower Upper

79 100

52 82.8 67.5 101.3

51 44.9 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 67.890 ng

RT: 3.351 min Scan# 197

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

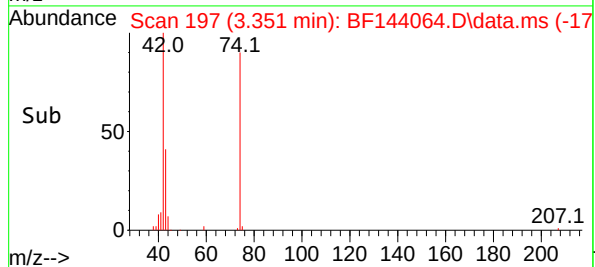
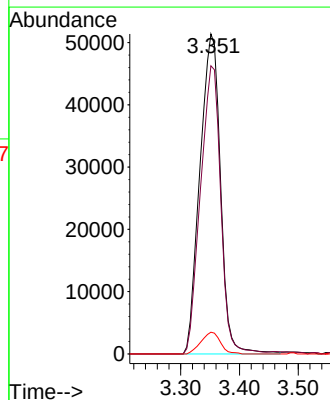
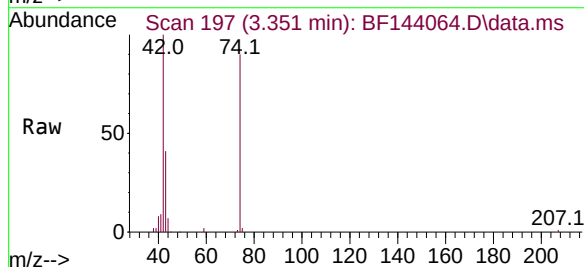
Tgt Ion: 42 Resp: 124870

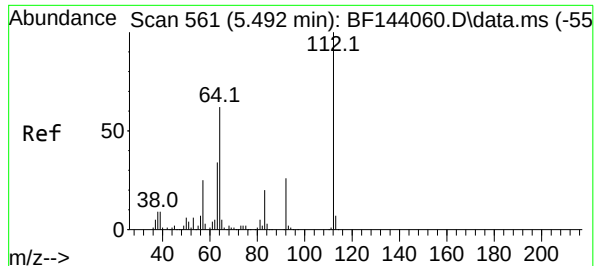
Ion Ratio Lower Upper

42 100

74 90.0 76.4 114.6

44 6.8 5.2 7.8

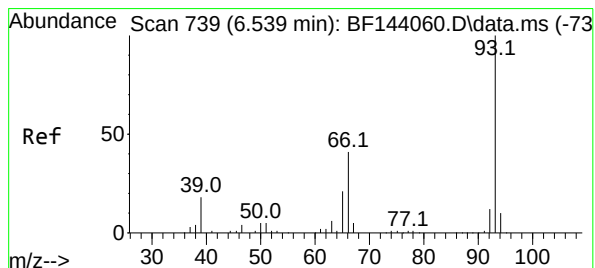
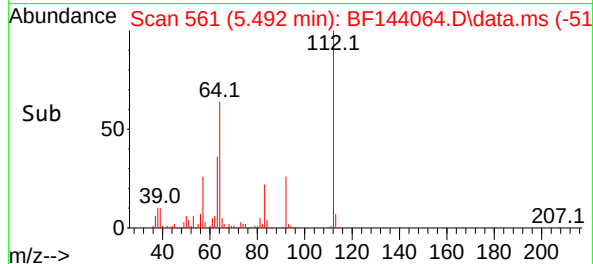
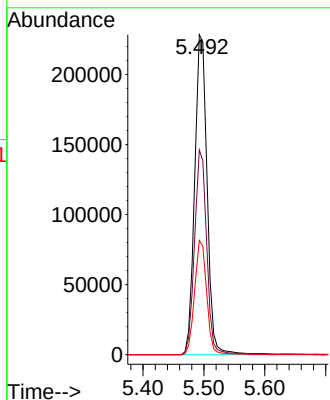
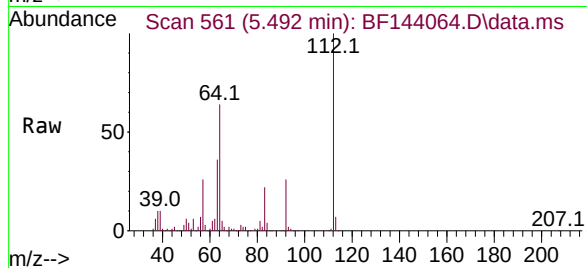




#5
2-Fluorophenol
Concen: 125.526 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

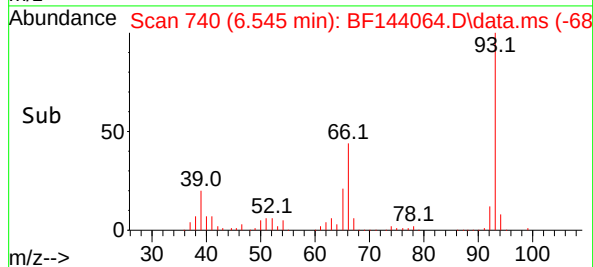
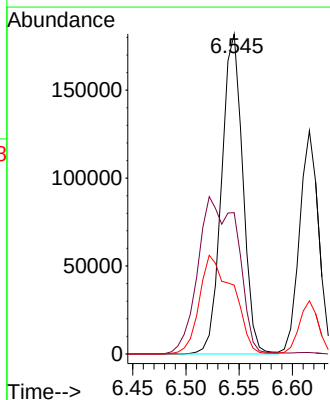
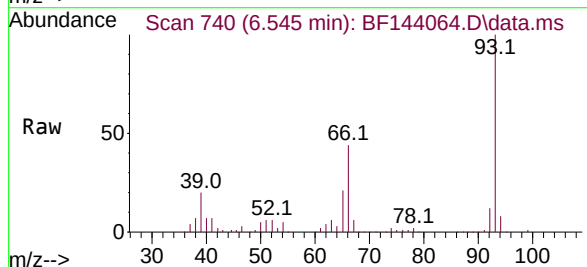
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

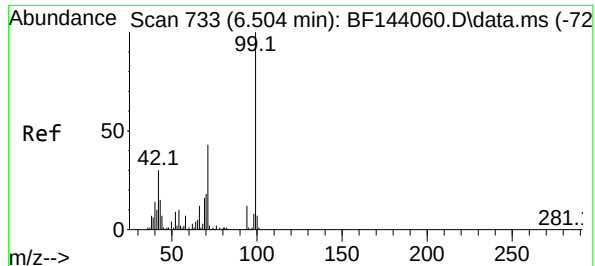
Tgt Ion:112 Resp: 324791
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 35.7 27.4 41.2



#6
Aniline
Concen: 61.571 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 93 Resp: 251710
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 21.5 17.0 25.6

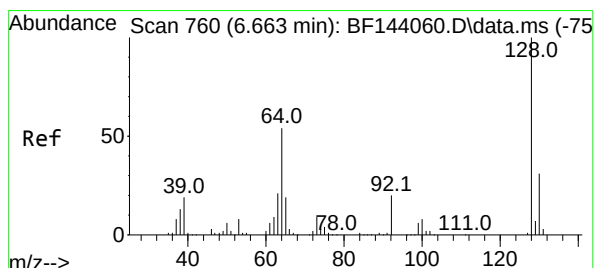
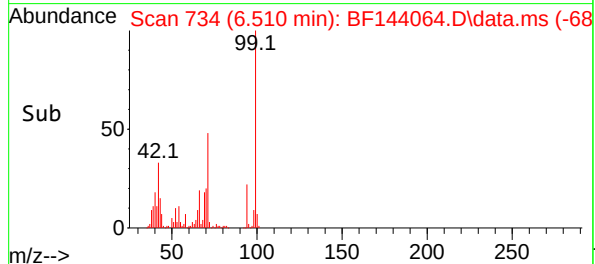
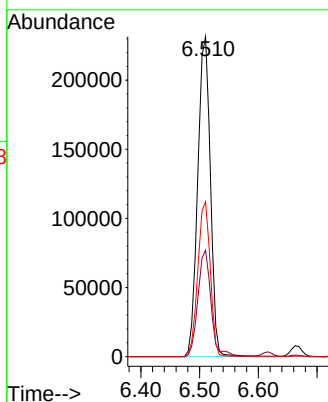
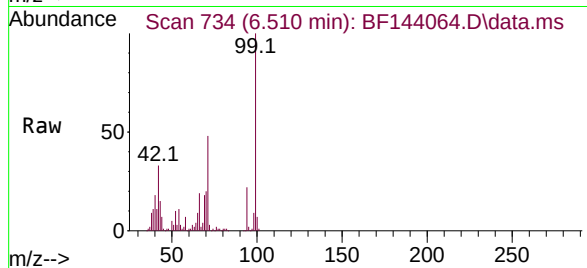




#7
Phenol-d6
Concen: 121.325 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

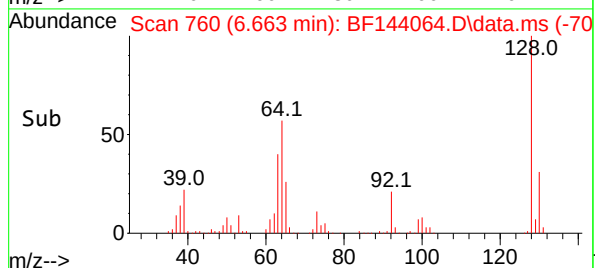
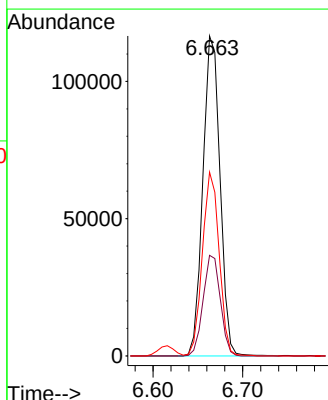
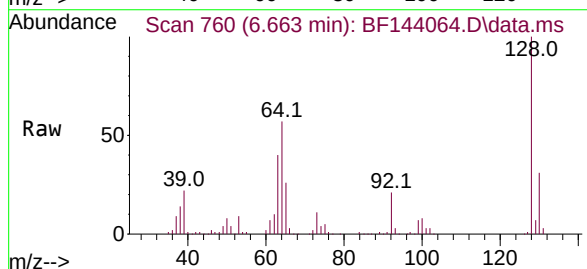
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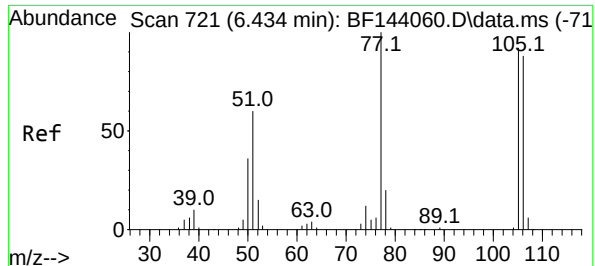
Tgt Ion: 99 Resp: 346692
Ion Ratio Lower Upper
99 100
42 33.3 23.9 35.9
71 48.4 34.4 51.6



#8
2-Chlorophenol
Concen: 60.645 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 128 Resp: 154530
Ion Ratio Lower Upper
128 100
130 31.4 10.7 50.7
64 57.4 34.7 74.7





#9

Benzaldehyde

Concen: 77.814 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

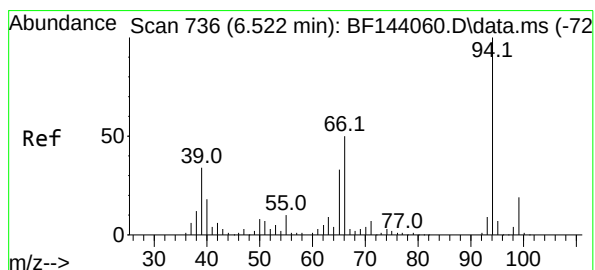
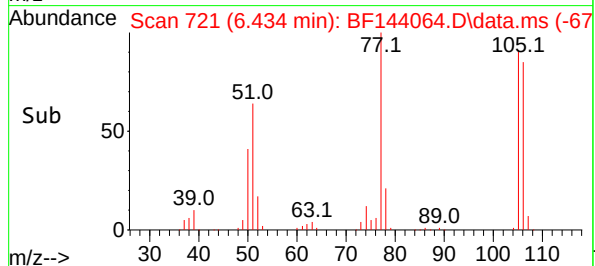
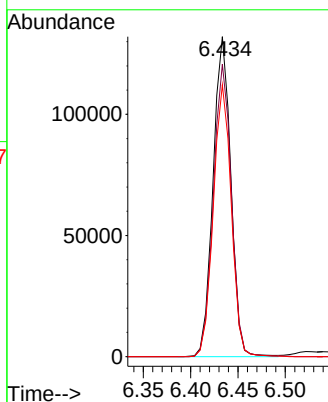
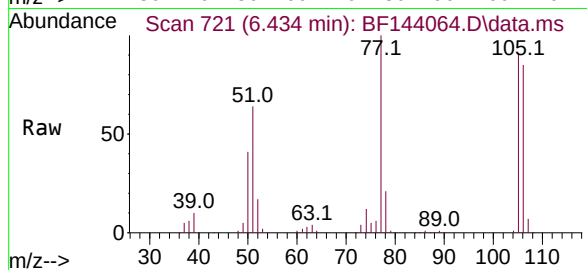
Tgt Ion: 77 Resp: 172641

Ion Ratio Lower Upper

77 100

105 91.4 72.2 112.2

106 84.9 67.9 107.9



#10

Phenol

Concen: 60.092 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

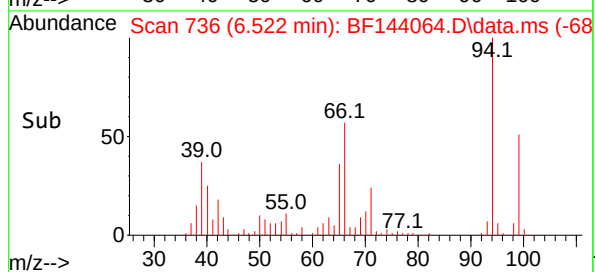
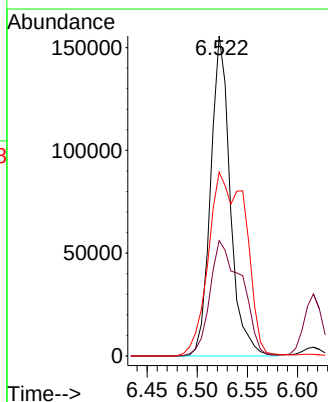
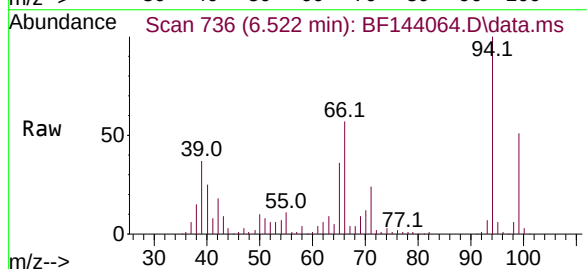
Tgt Ion: 94 Resp: 211848

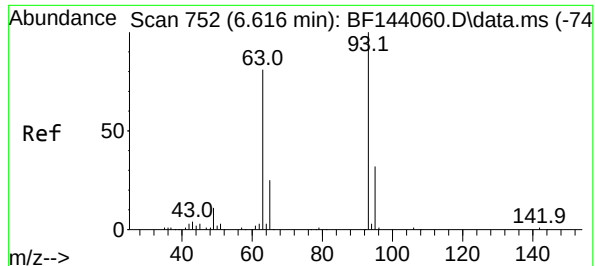
Ion Ratio Lower Upper

94 100

65 36.0 13.1 53.1

66 57.4 30.6 70.6

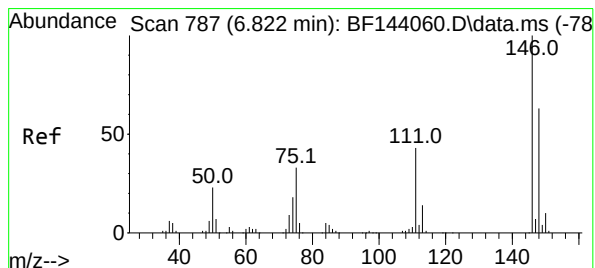
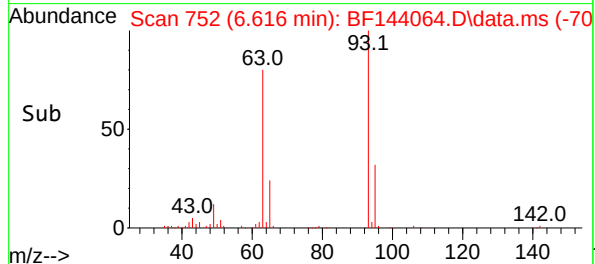
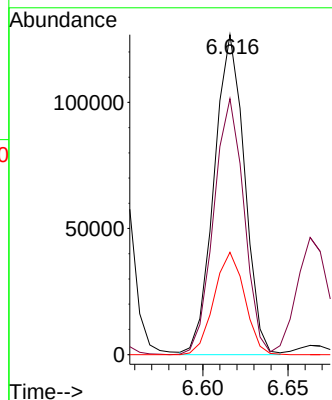
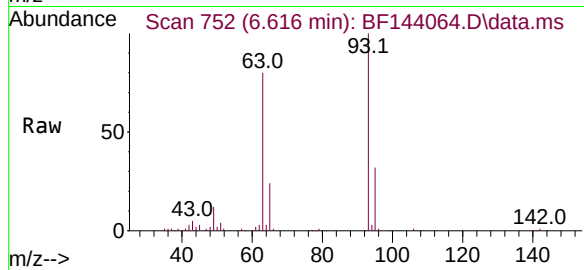




#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

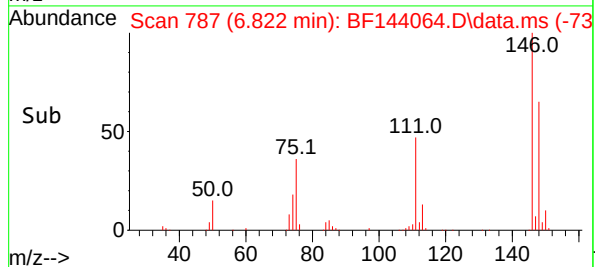
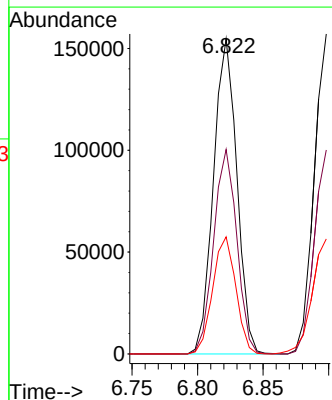
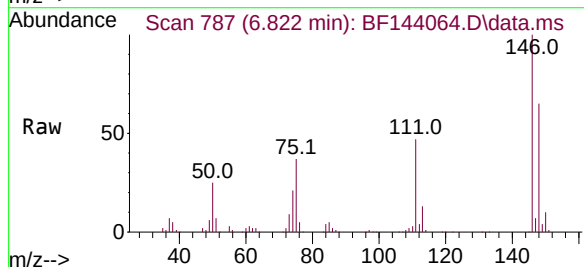
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

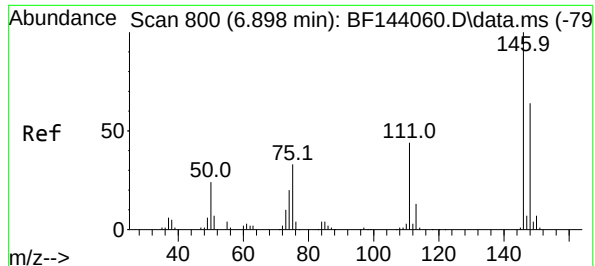
Tgt Ion: 93 Resp: 157748
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 61.183 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 146 Resp: 192311
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 37.1 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 62.421 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

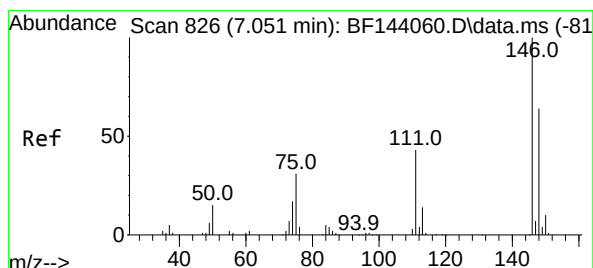
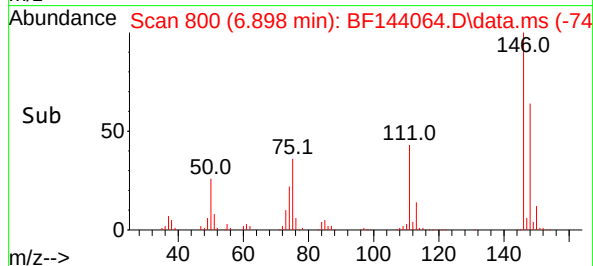
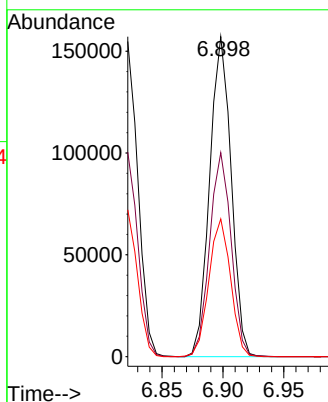
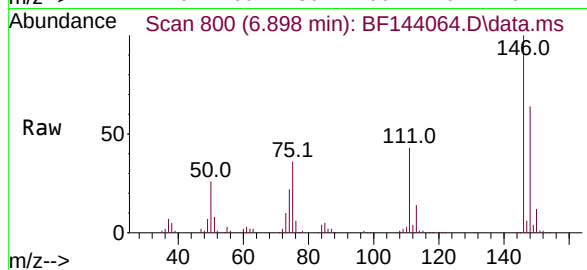
Tgt Ion:146 Resp: 193362

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 43.0 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 62.289 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

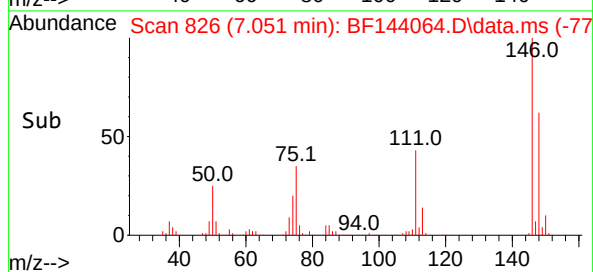
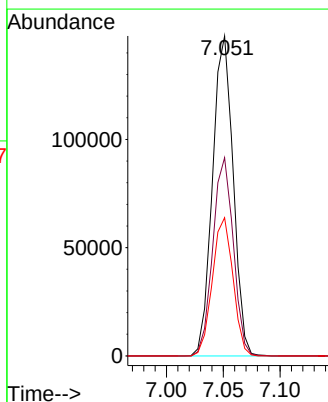
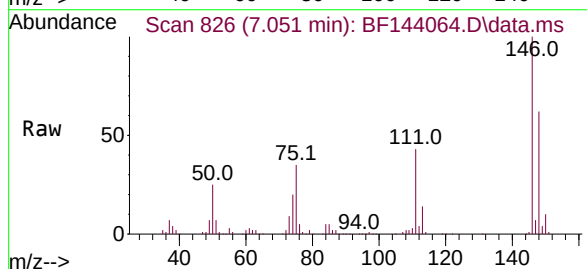
Tgt Ion:146 Resp: 186696

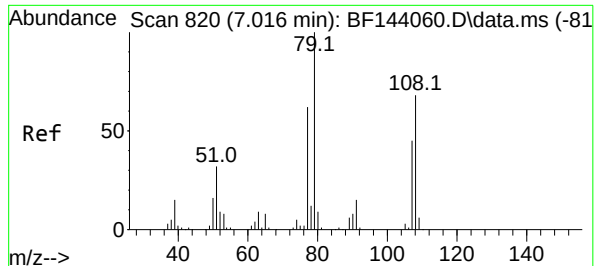
Ion Ratio Lower Upper

146 100

148 61.9 50.8 76.2

111 43.2 34.7 52.1

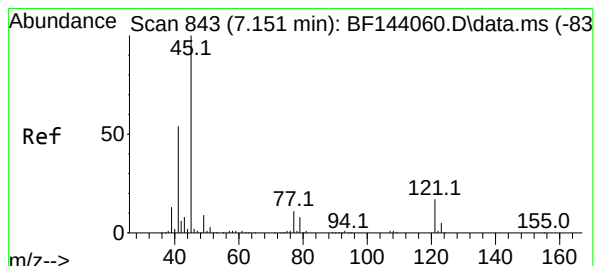
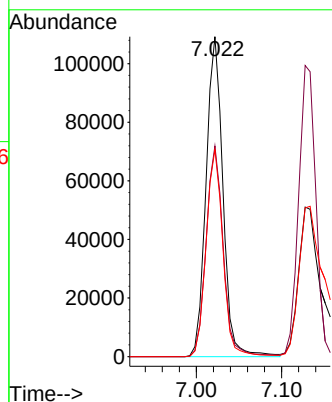
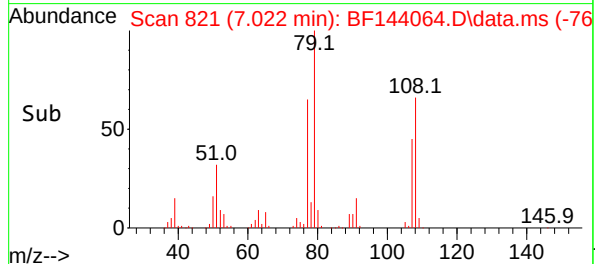
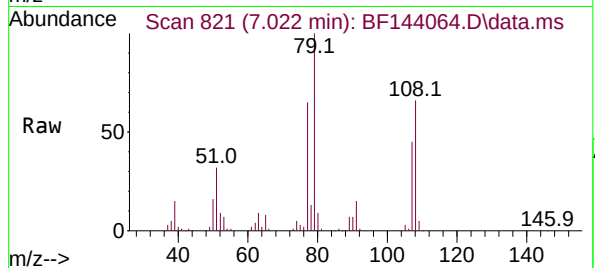




#15
Benzyl Alcohol
Concen: 64.606 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

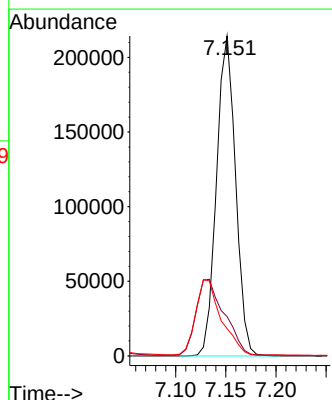
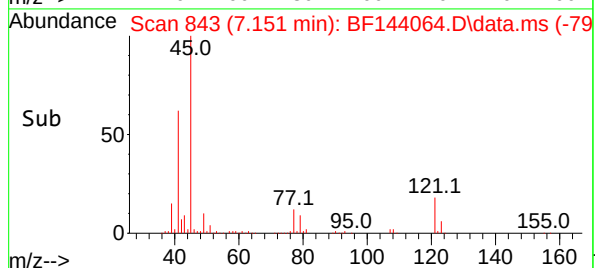
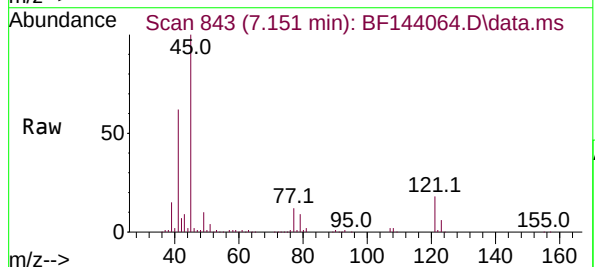
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

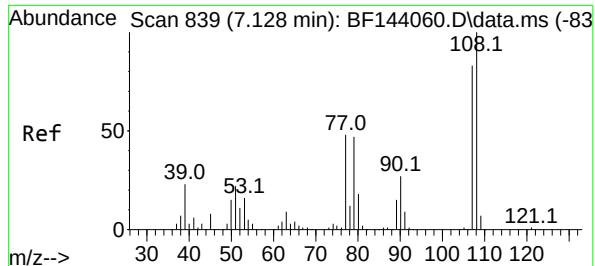
Tgt Ion: 79 Resp: 150113
Ion Ratio Lower Upper
79 100
108 65.8 54.8 82.2
77 64.7 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.335 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 45 Resp: 284081
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.9
79 8.5 0.0 28.2

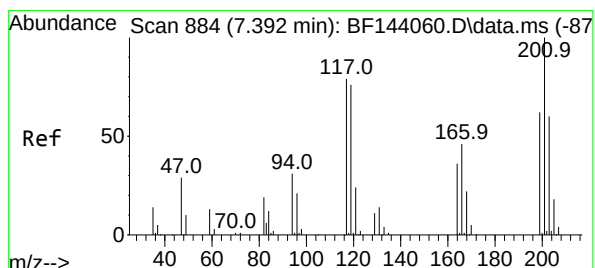
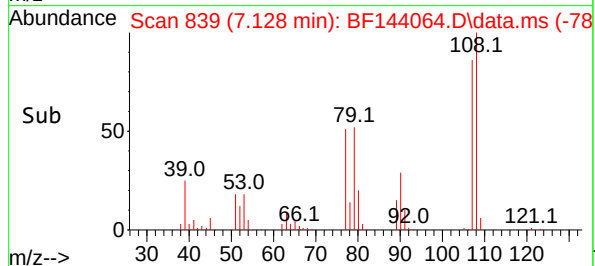
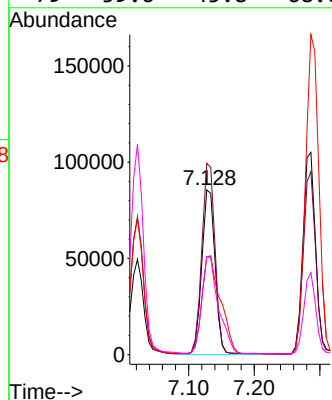
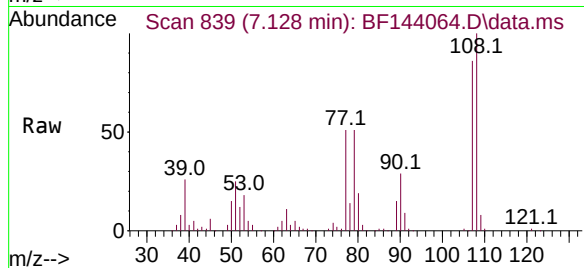




#17
2-Methylphenol
Concen: 61.494 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

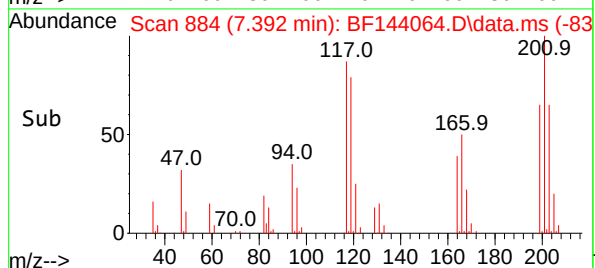
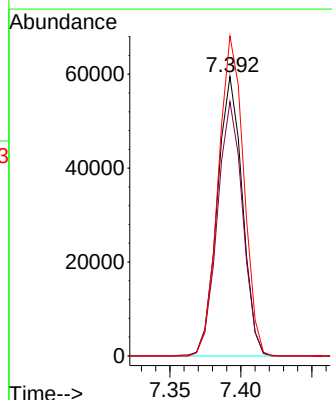
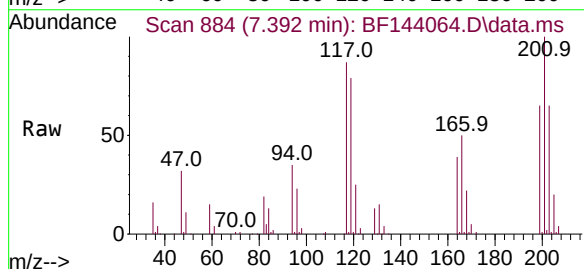
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

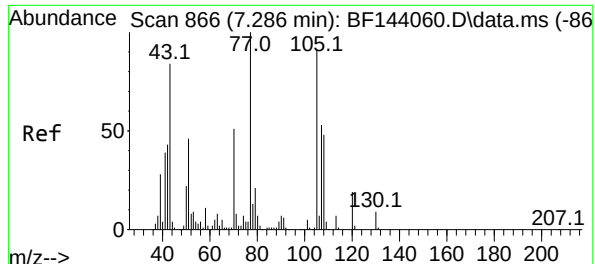
Tgt Ion:107 Resp: 120515
Ion Ratio Lower Upper
107 100
108 116.1 96.4 144.6
77 59.3 46.8 70.2
79 59.6 45.8 68.6



#18
Hexachloroethane
Concen: 65.943 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:117 Resp: 73031
Ion Ratio Lower Upper
117 100
119 91.0 76.6 115.0
201 114.5 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 62.701 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

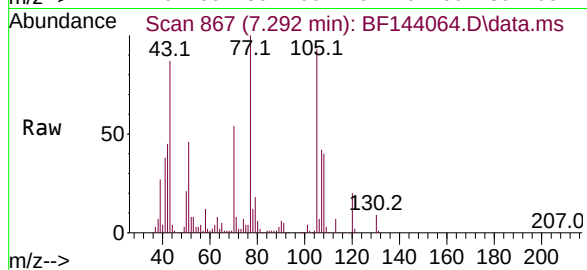
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 115863

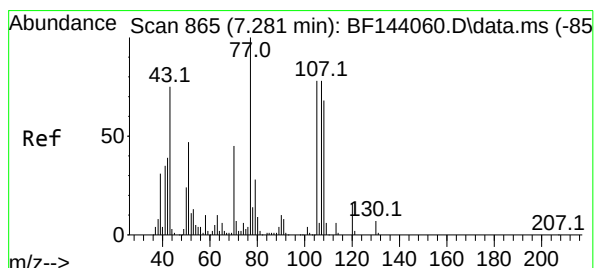
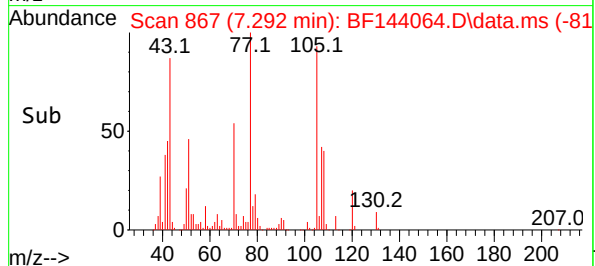
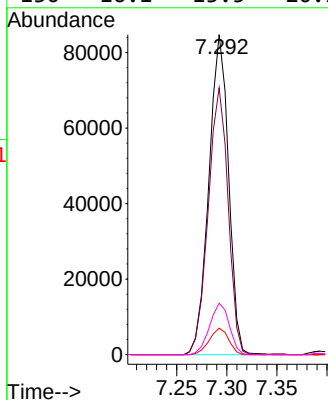
Ion Ratio Lower Upper

70 100

42 83.4 67.4 101.0

101 8.3 7.1 10.7

130 16.1 13.5 20.3



#20

3+4-Methylphenols

Concen: 61.433 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion: 107 Resp: 142326

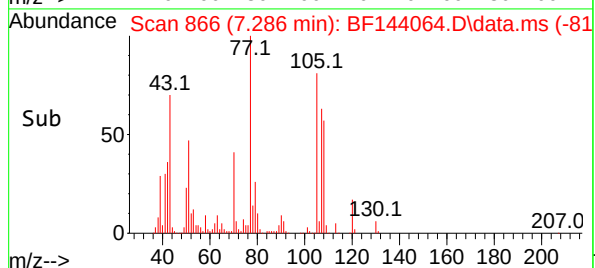
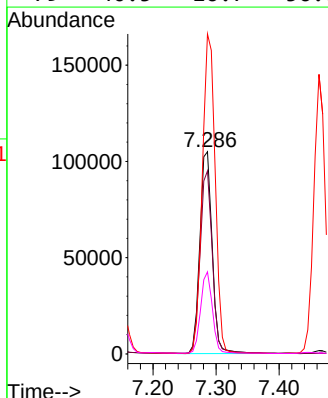
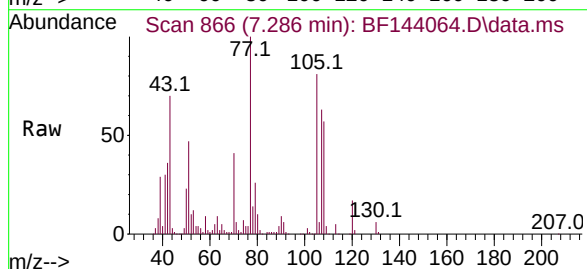
Ion Ratio Lower Upper

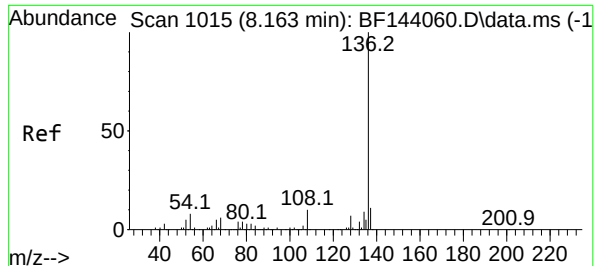
107 100

108 90.5 68.0 108.0

77 158.2 108.7 148.7#

79 40.5 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 144864

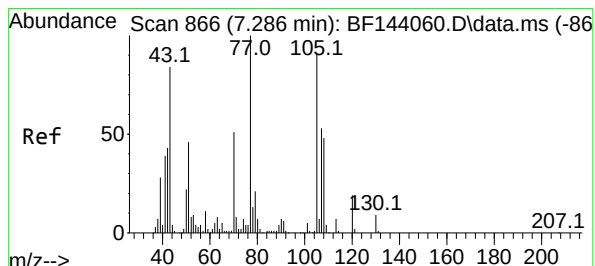
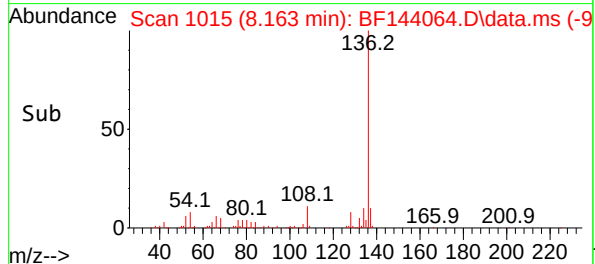
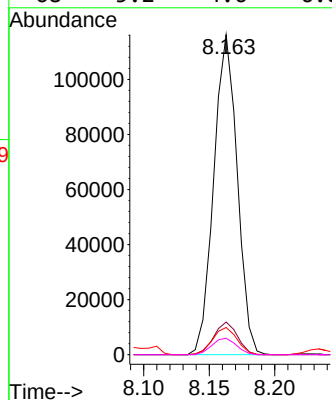
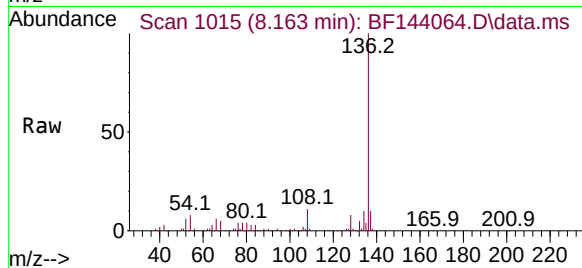
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 8.5 6.6 9.8

68 5.2 4.6 6.8



#22

Acetophenone

Concen: 63.255 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:105 Resp: 198031

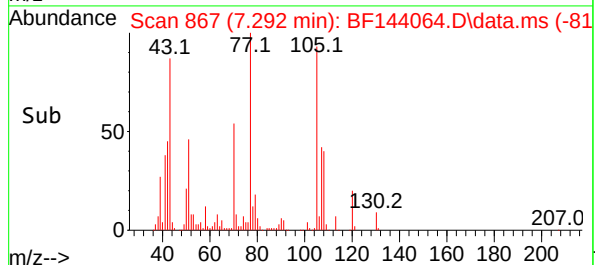
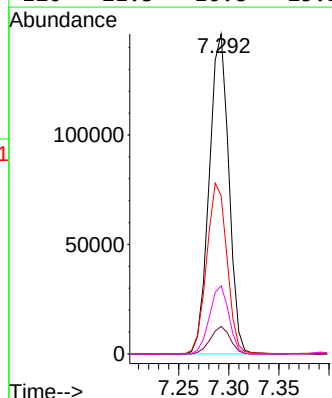
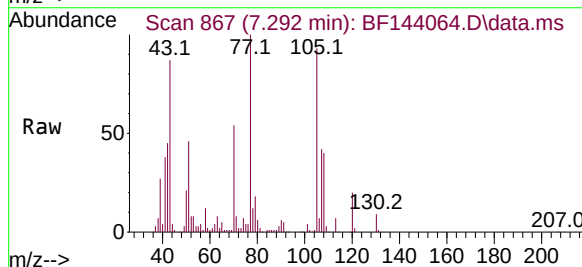
Ion Ratio Lower Upper

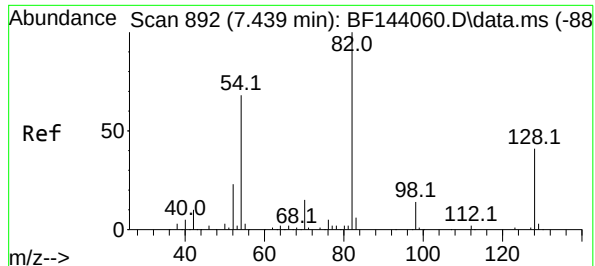
105 100

71 8.6 6.9 10.3

51 49.4 40.6 60.8

120 21.3 16.8 25.2

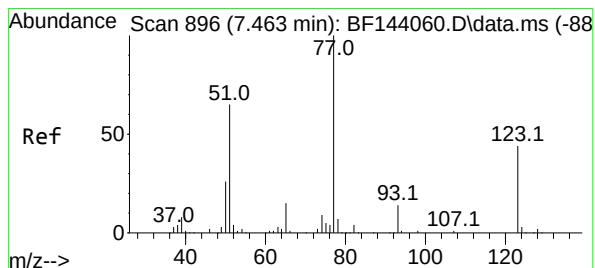
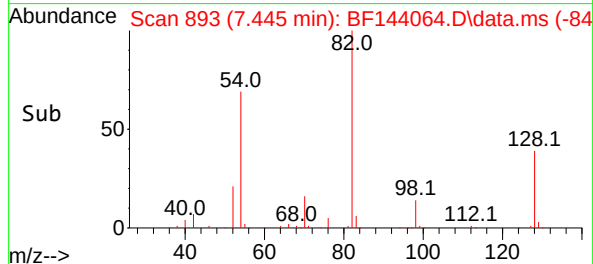
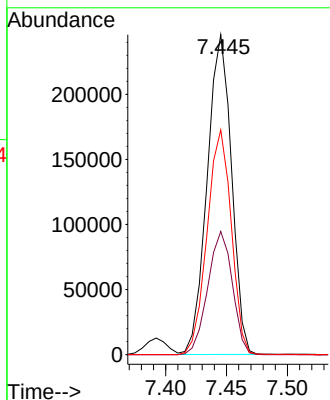
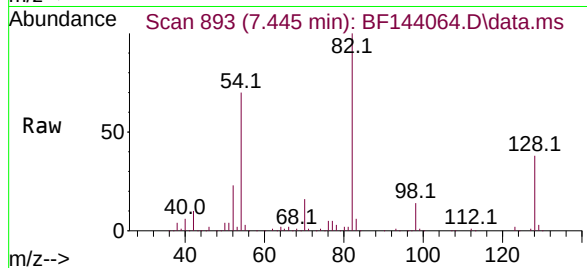




#23
Nitrobenzene-d5
Concen: 129.319 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

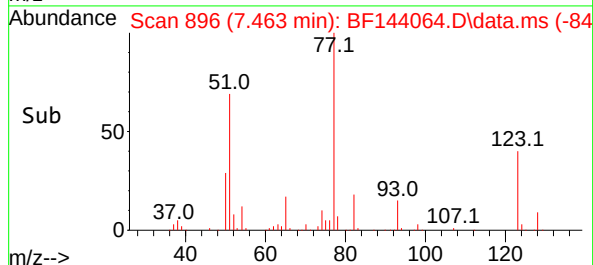
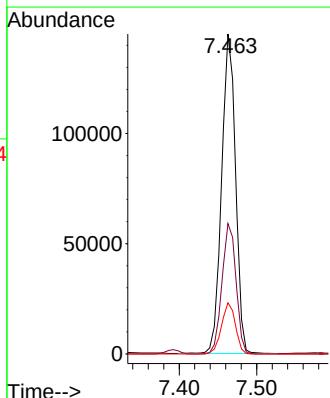
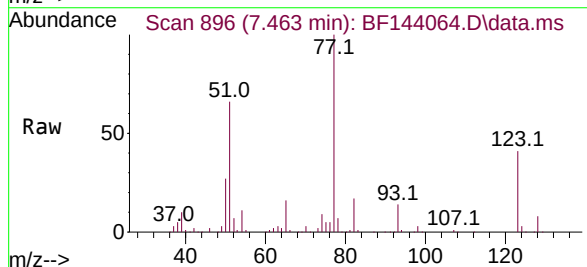
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

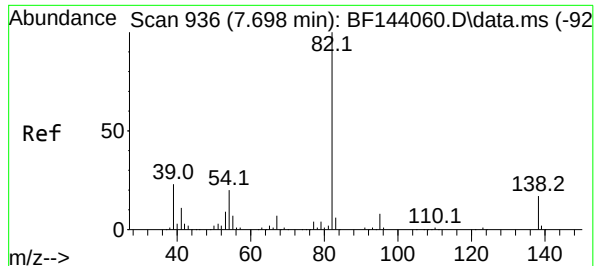
Tgt Ion: 82 Resp: 341936
Ion Ratio Lower Upper
82 100
128 38.5 32.4 48.6
54 70.2 54.0 81.0



#24
Nitrobenzene
Concen: 64.837 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 77 Resp: 181356
Ion Ratio Lower Upper
77 100
123 40.7 35.0 52.6
65 16.0 12.2 18.2





#25

Isophorone

Concen: 64.523 ng

RT: 7.704 min Scan# 936

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

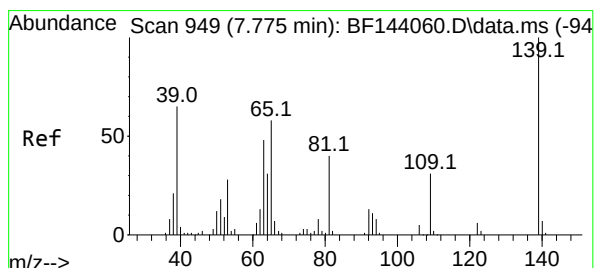
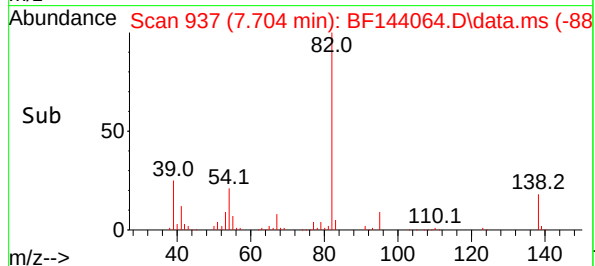
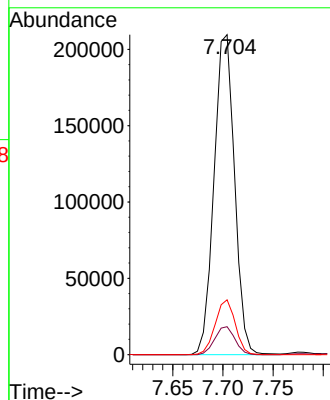
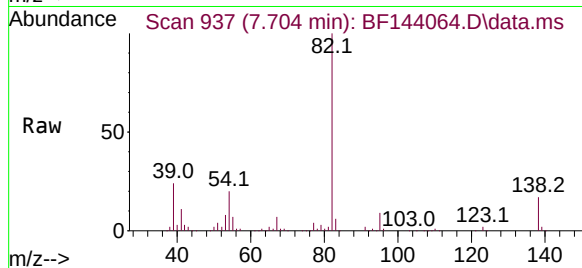
Tgt Ion: 82 Resp: 298273

Ion Ratio Lower Upper

82 100

95 8.7 6.6 9.8

138 17.1 13.8 20.8



#26

2-Nitrophenol

Concen: 63.417 ng

RT: 7.781 min Scan# 950

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

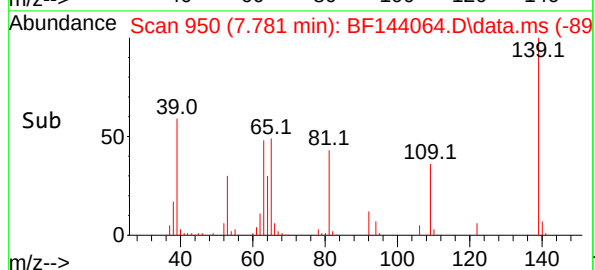
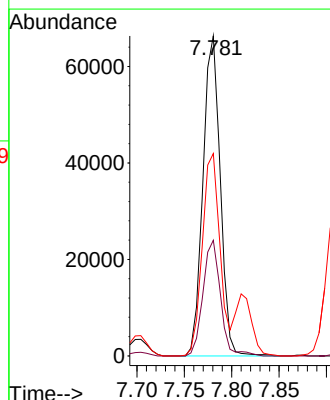
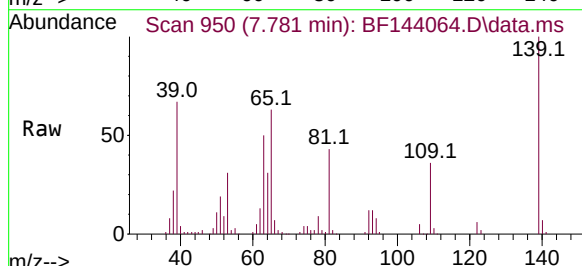
Tgt Ion: 139 Resp: 84384

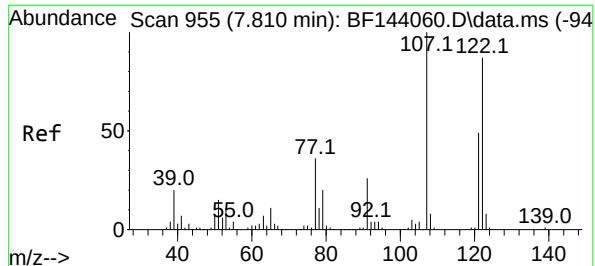
Ion Ratio Lower Upper

139 100

109 36.1 24.6 37.0

65 63.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 64.435 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

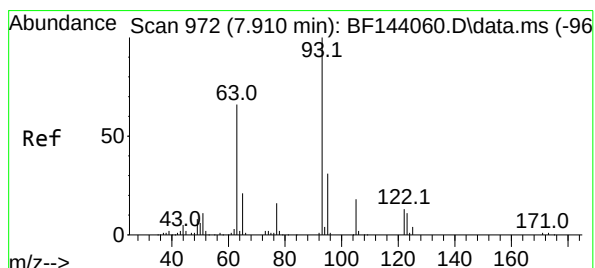
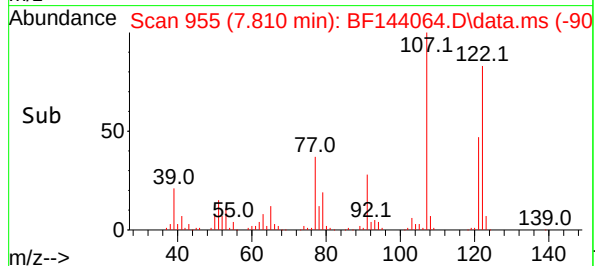
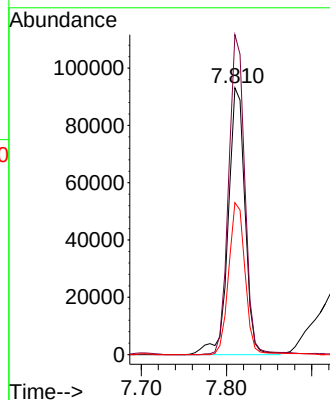
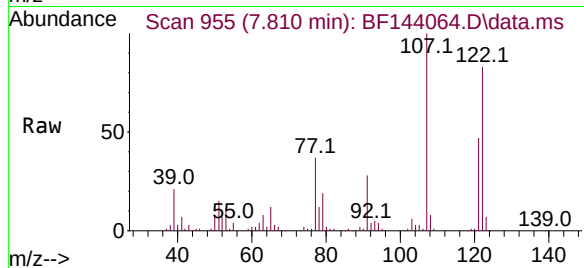
Tgt Ion:122 Resp: 127412

Ion Ratio Lower Upper

122 100

107 120.0 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.737 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

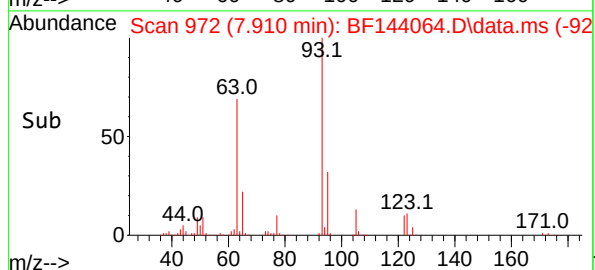
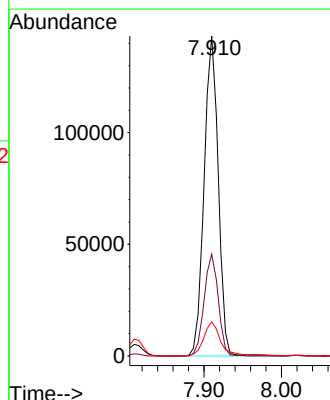
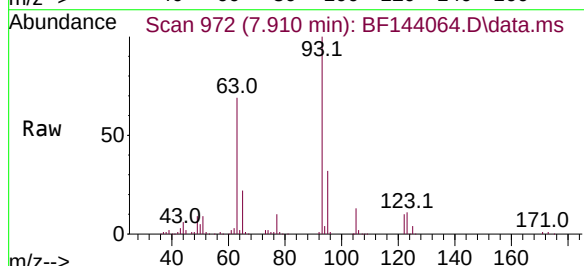
Tgt Ion: 93 Resp: 180863

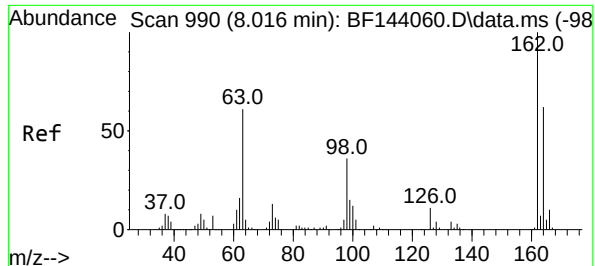
Ion Ratio Lower Upper

93 100

95 31.8 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 61.979 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

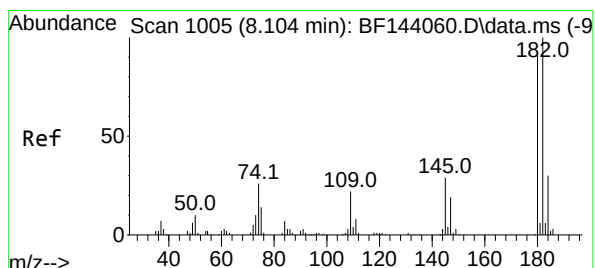
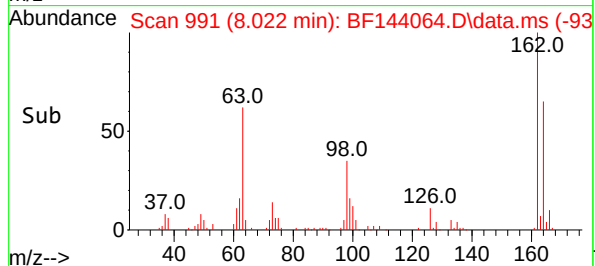
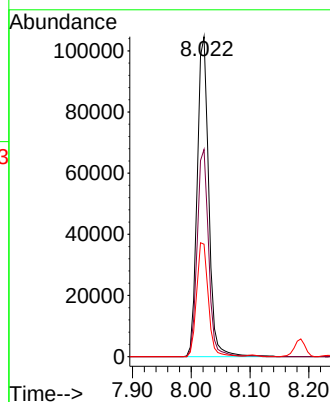
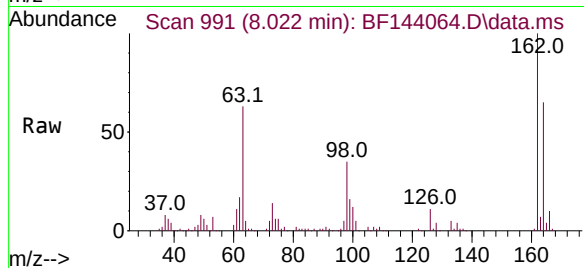
Tgt Ion:162 Resp: 142524

Ion Ratio Lower Upper

162 100

164 64.7 42.1 82.1

98 35.1 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 63.994 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

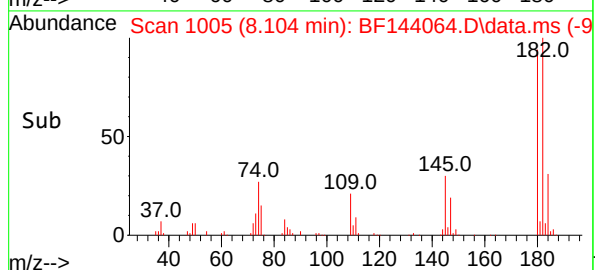
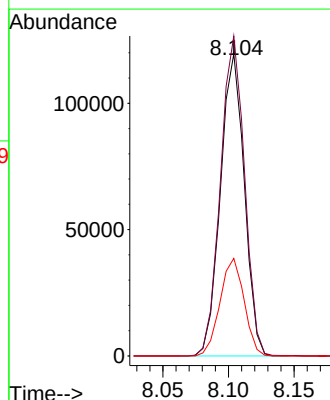
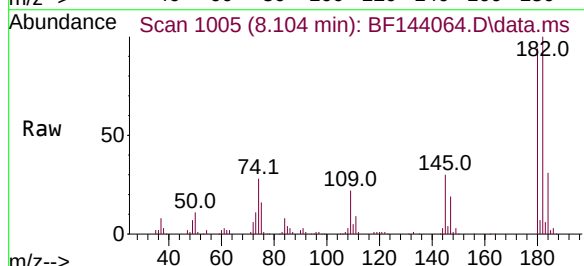
Tgt Ion:180 Resp: 151390

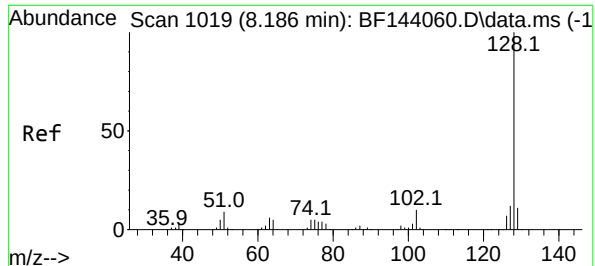
Ion Ratio Lower Upper

180 100

182 105.9 87.1 130.7

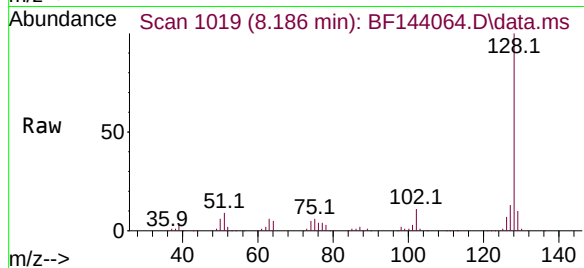
145 32.3 25.3 37.9



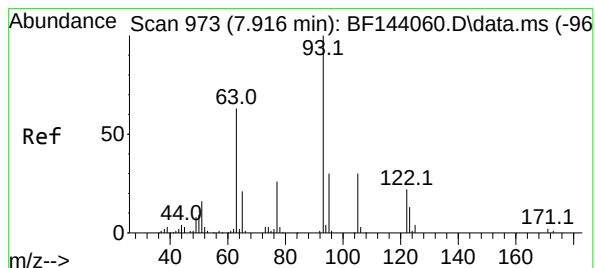
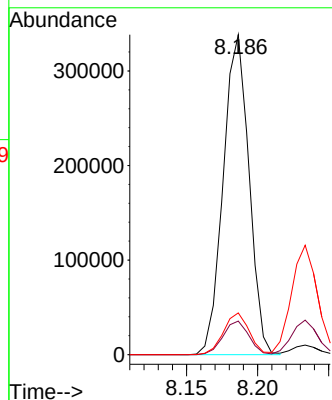
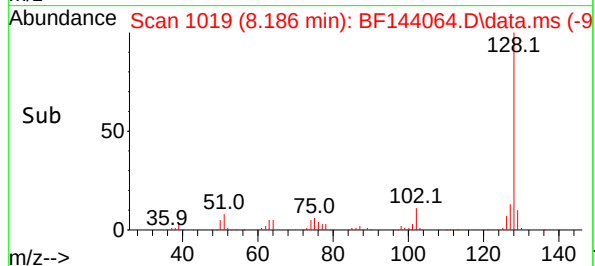


#31
Naphthalene
Concen: 62.477 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

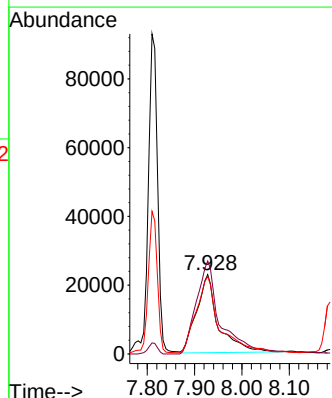
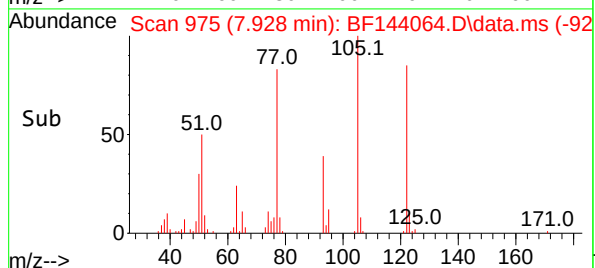
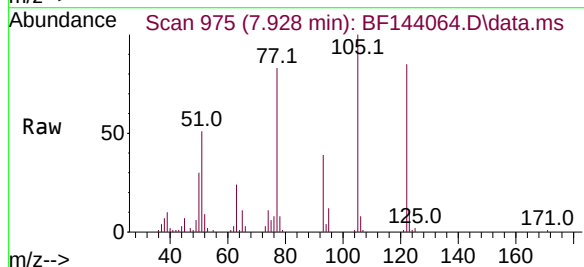


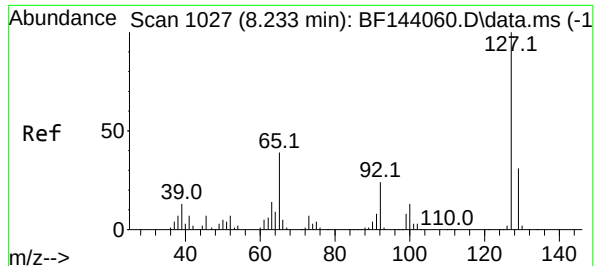
Tgt Ion:128 Resp: 427166
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 58.314 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:122 Resp: 73142
Ion Ratio Lower Upper
122 100
105 117.2 111.3 151.3
77 97.6 96.7 136.7





#33

4-Chloroaniline

Concen: 62.767 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 149397

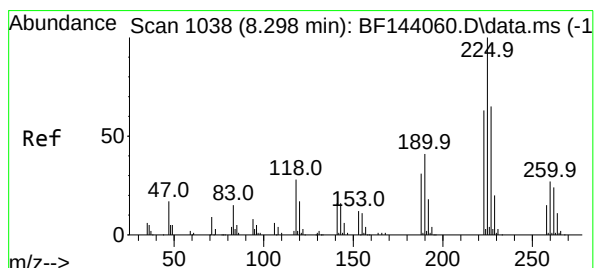
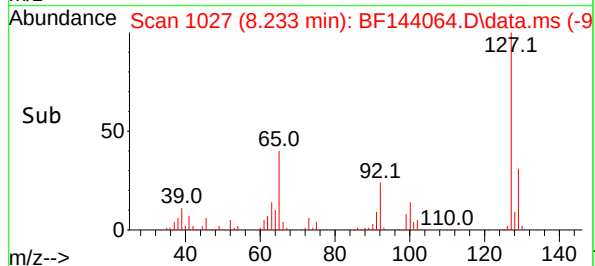
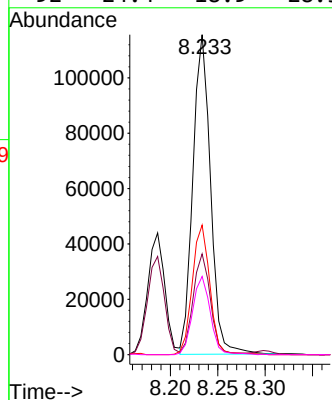
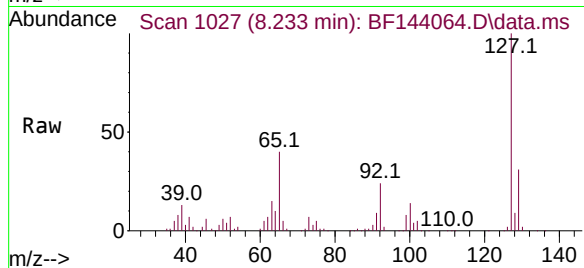
Ion Ratio Lower Upper

127 100

129 31.5 25.6 38.4

65 40.5 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 66.488 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

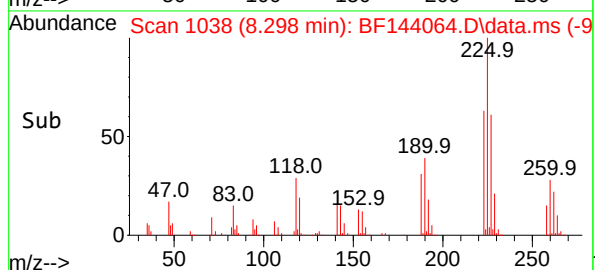
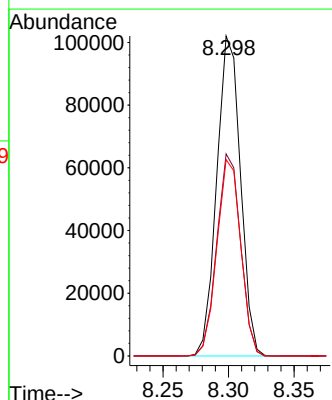
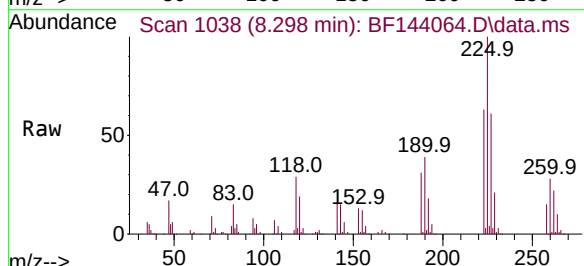
Tgt Ion:225 Resp: 128615

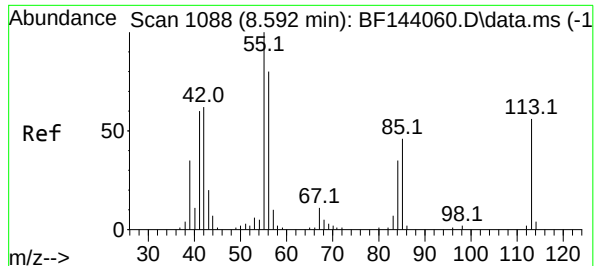
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 61.3 51.8 77.8

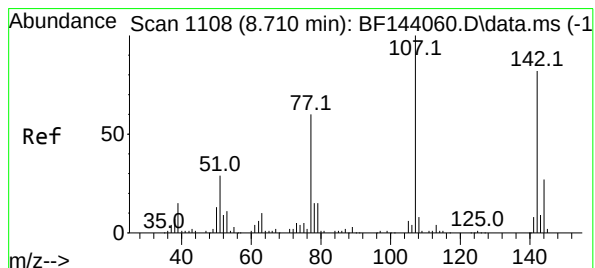
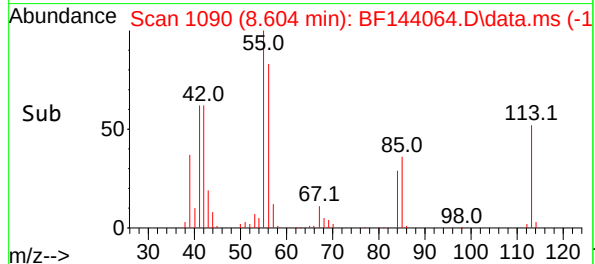
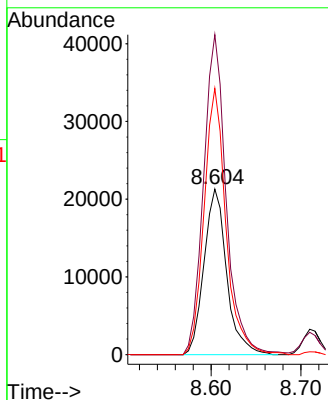
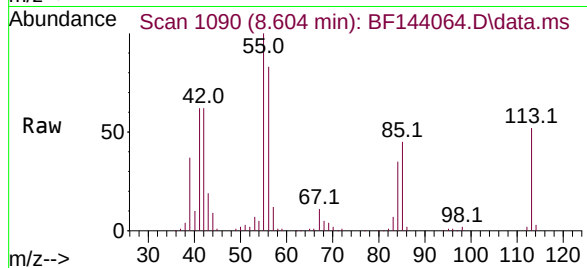




#35
Caprolactam
Concen: 64.879 ng
RT: 8.604 min Scan# 1088
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

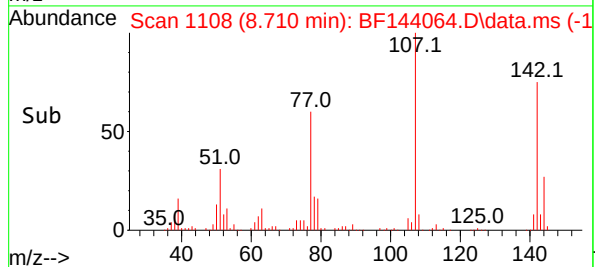
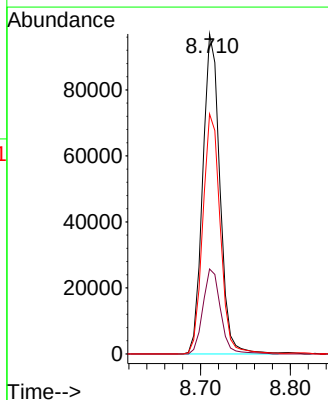
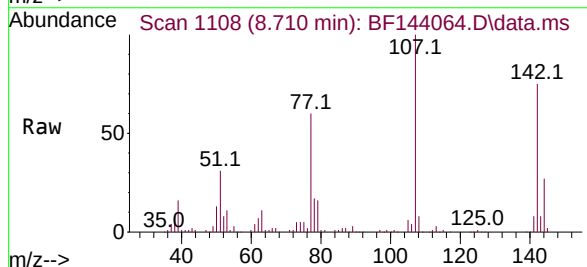
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

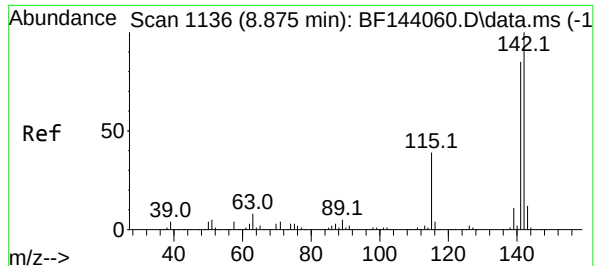
Tgt Ion:113 Resp: 37413
Ion Ratio Lower Upper
113 100
55 193.3 160.1 200.1
56 160.7 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 63.473 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:107 Resp: 128805
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 75.0 65.4 98.0

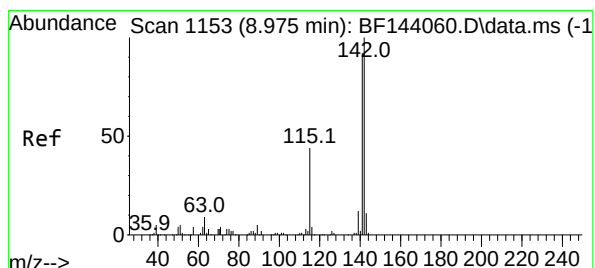
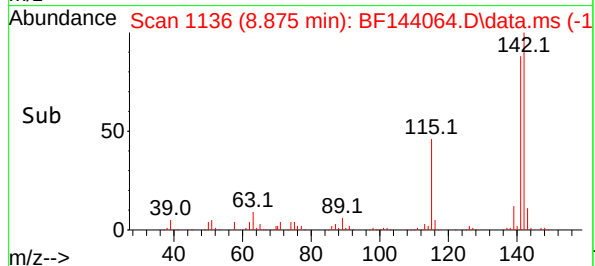
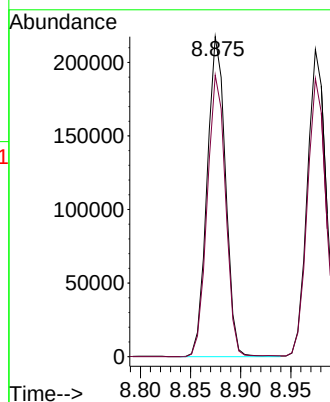
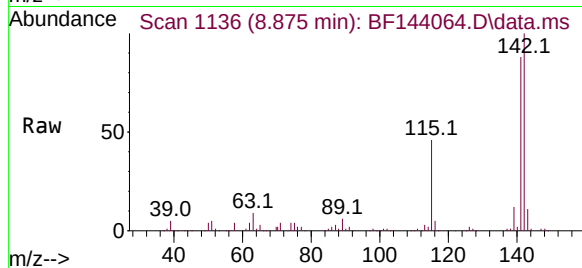




#37
2-Methylnaphthalene
Concen: 61.432 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

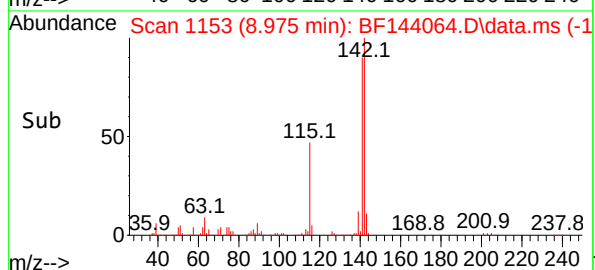
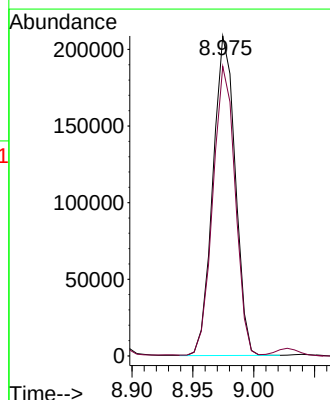
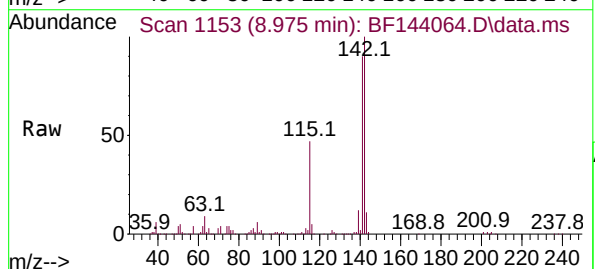
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

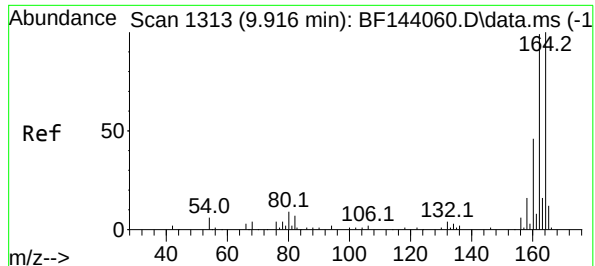
Tgt Ion:142 Resp: 276923
Ion Ratio Lower Upper
142 100
141 88.0 67.6 101.4



#38
1-Methylnaphthalene
Concen: 62.174 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:142 Resp: 265532
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

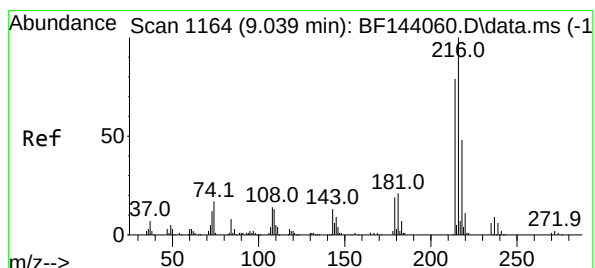
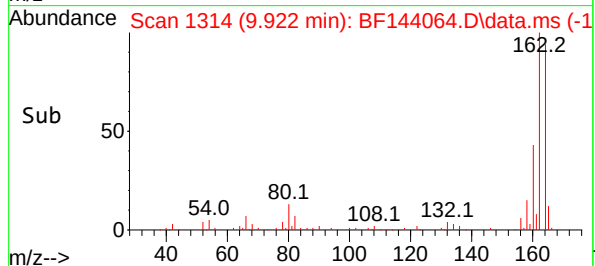
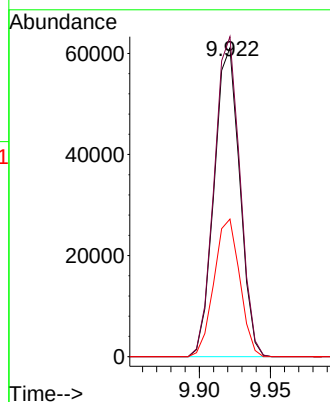
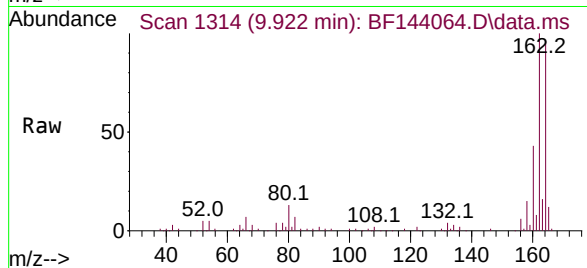
Tgt Ion:164 Resp: 76683

Ion Ratio Lower Upper

164 100

162 103.7 79.4 119.2

160 44.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.495 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:216 Resp: 164703

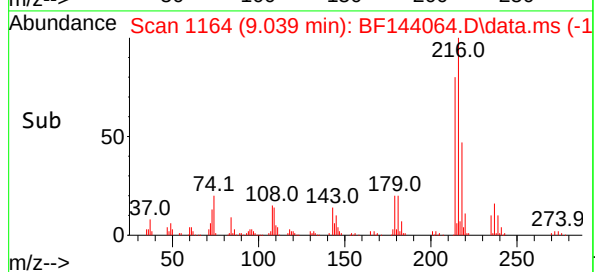
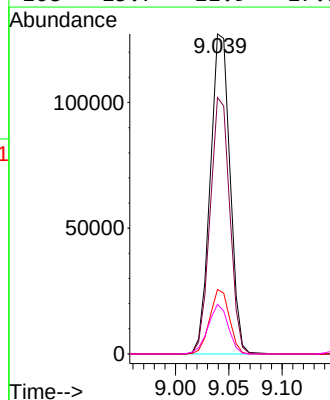
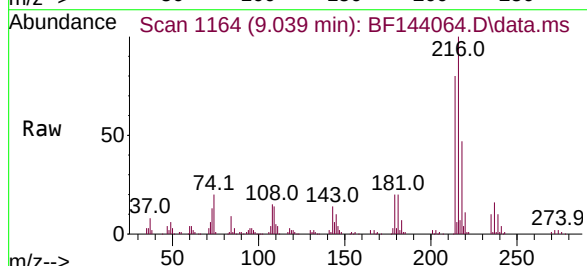
Ion Ratio Lower Upper

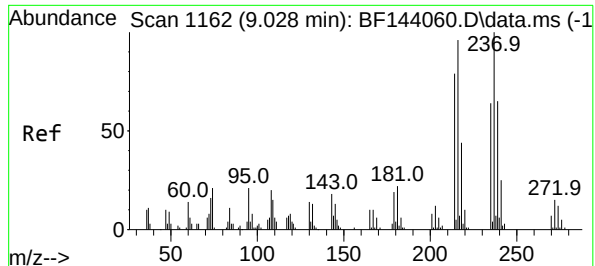
216 100

214 79.2 63.2 94.8

179 19.9 15.2 22.8

108 15.7 11.9 17.9

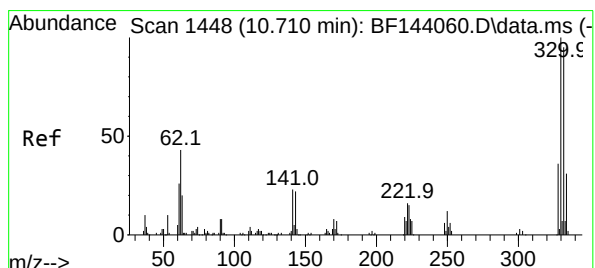
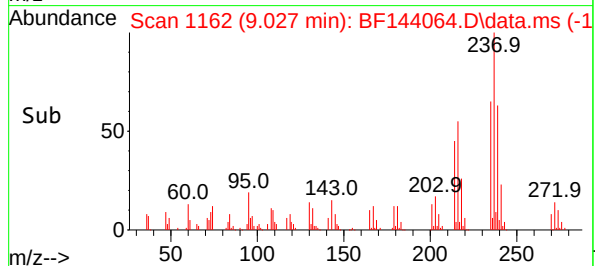
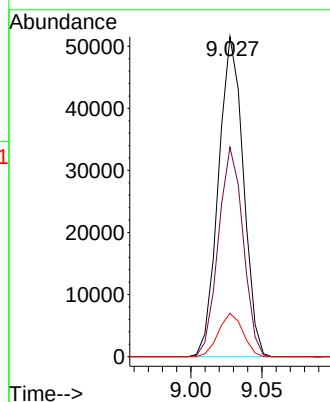
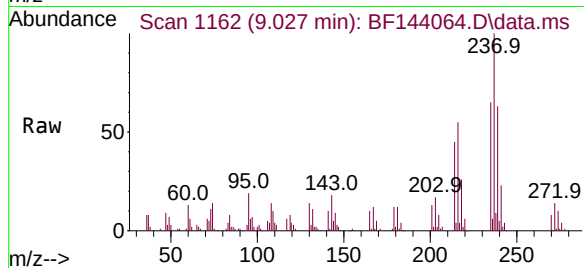




#41
Hexachlorocyclopentadiene
Concen: 77.248 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

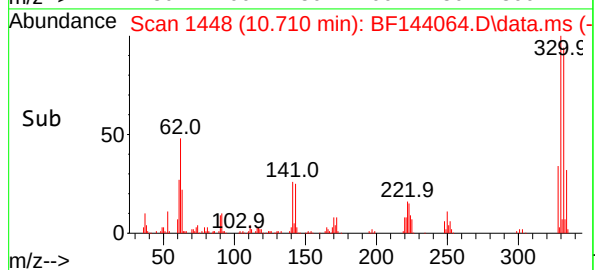
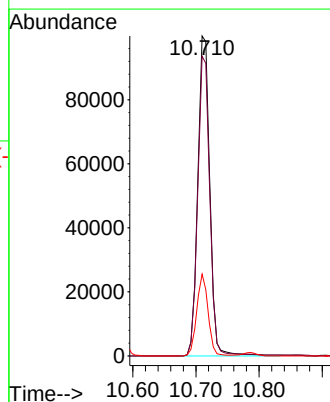
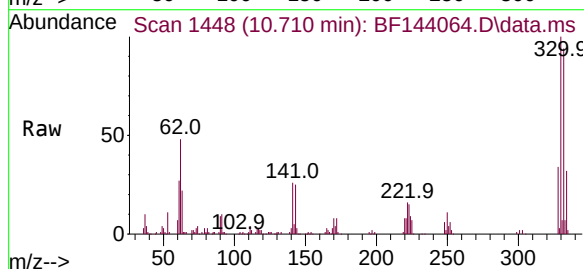
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

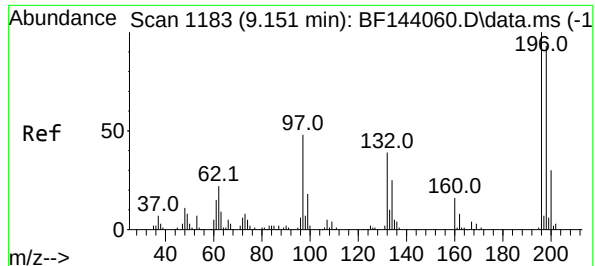
Tgt Ion:237 Resp: 62879
Ion Ratio Lower Upper
237 100
235 65.4 44.3 84.3
272 13.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 135.953 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:330 Resp: 132798
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 65.103 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144064.D

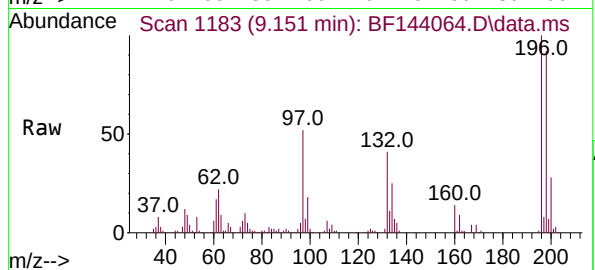
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



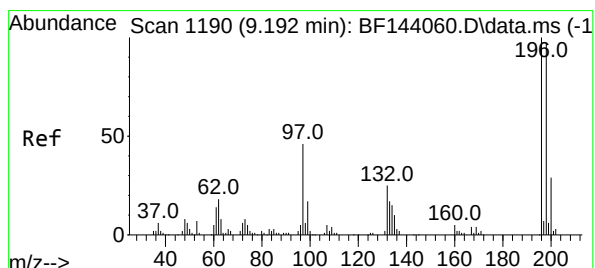
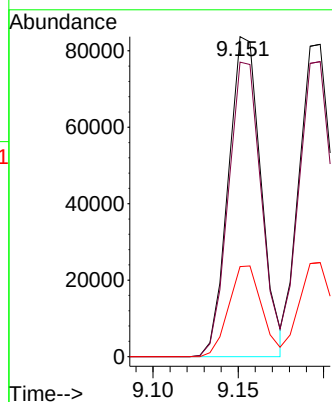
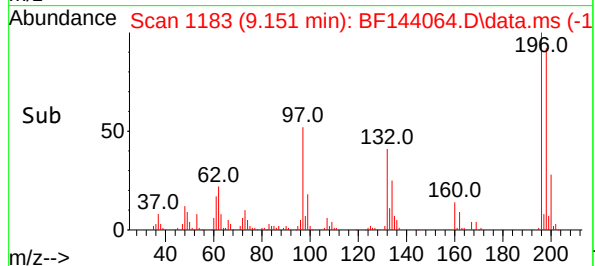
Tgt Ion:196 Resp: 111523

Ion Ratio Lower Upper

196 100

198 92.0 74.4 111.6

200 28.2 23.8 35.8



#44

2,4,5-Trichlorophenol

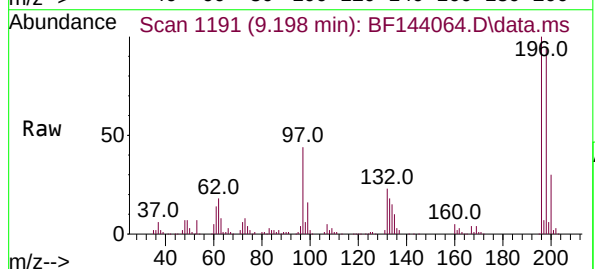
Concen: 65.377 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24



Tgt Ion:196 Resp: 117536

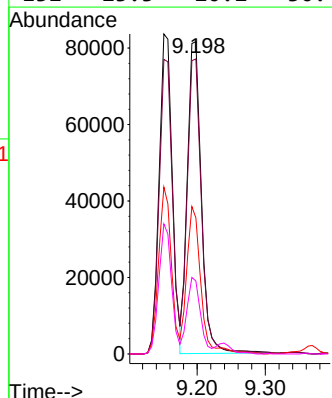
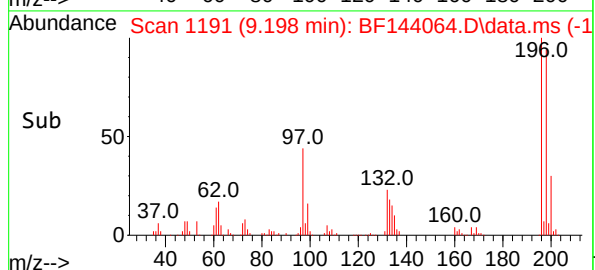
Ion Ratio Lower Upper

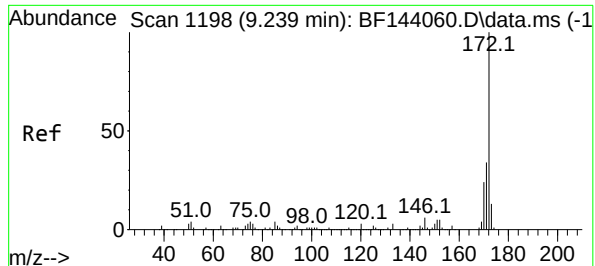
196 100

198 94.5 78.0 117.0

97 43.6 37.7 56.5

132 23.3 20.2 30.4

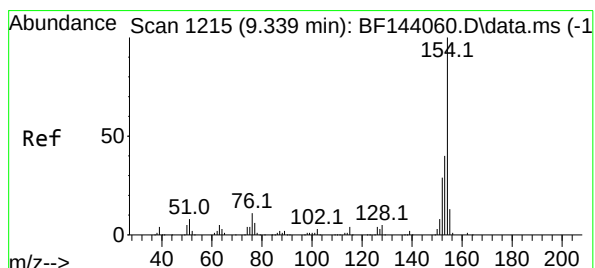
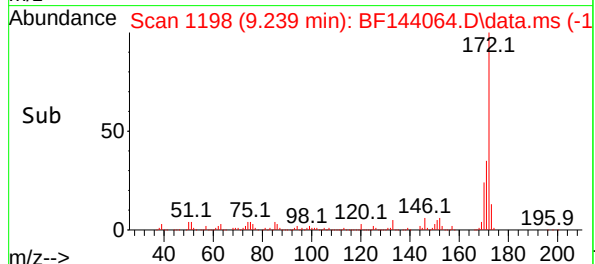
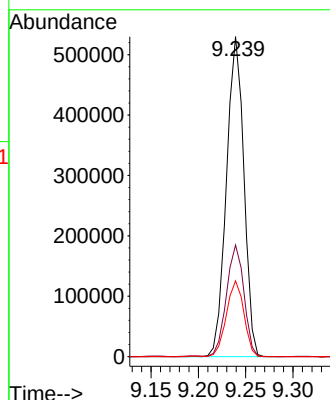
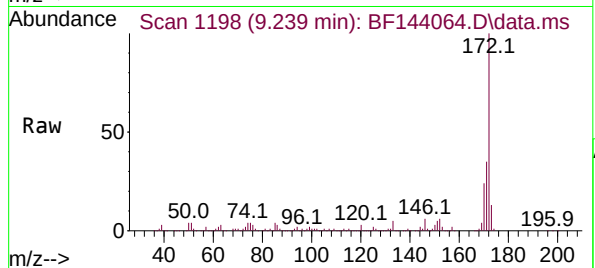




#45
2-Fluorobiphenyl
Concen: 124.361 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

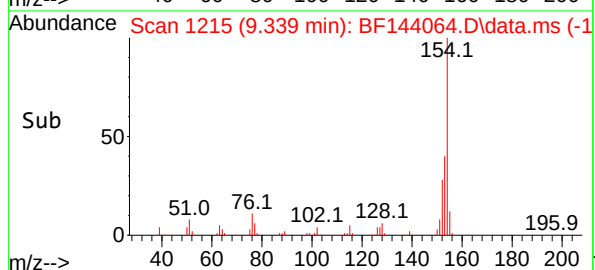
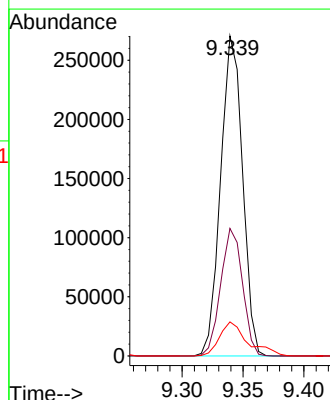
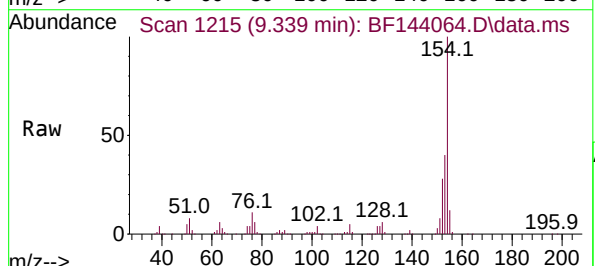
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

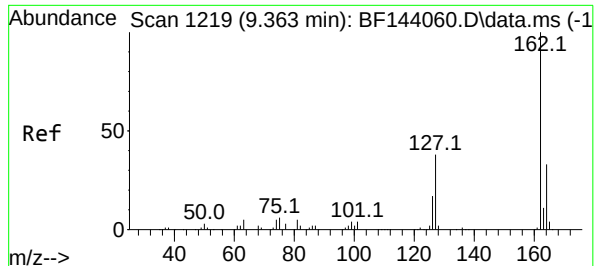
Tgt Ion:172 Resp: 677674
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 61.621 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:154 Resp: 338254
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 10.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 62.514 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

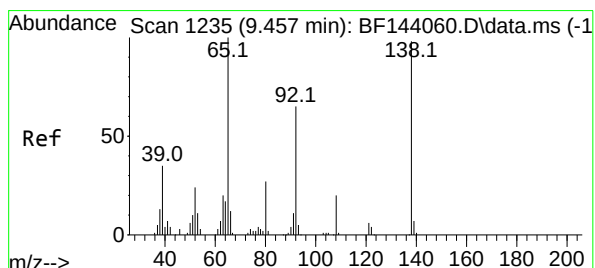
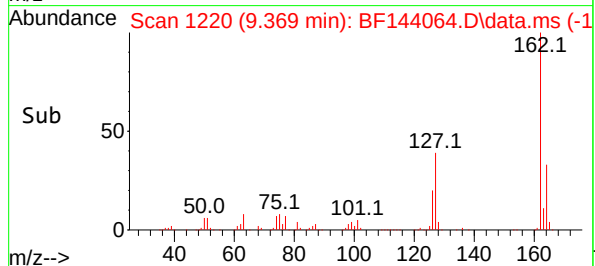
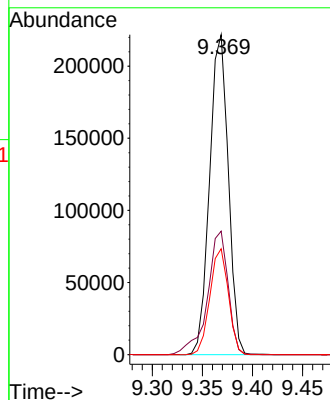
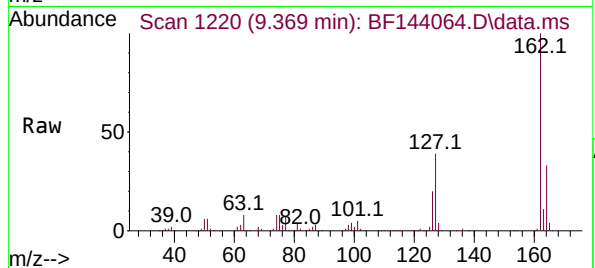
Tgt Ion:162 Resp: 287490

Ion Ratio Lower Upper

162 100

127 38.6 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 67.272 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

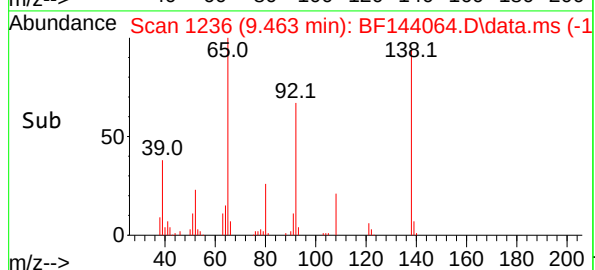
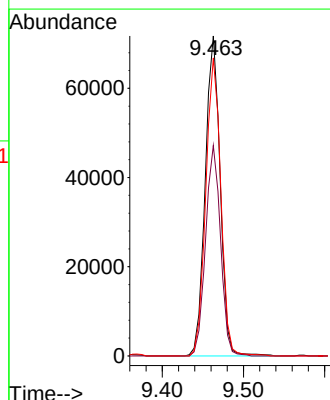
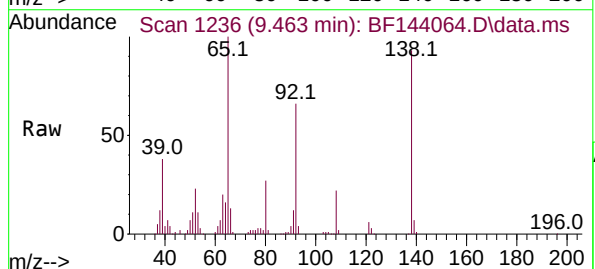
Tgt Ion: 65 Resp: 91867

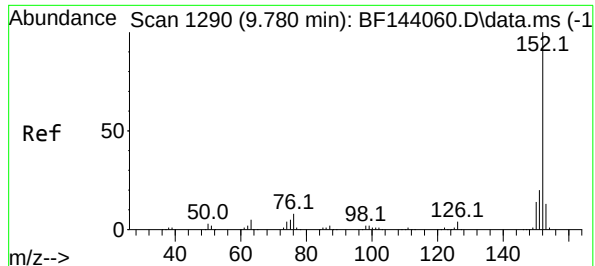
Ion Ratio Lower Upper

65 100

92 65.7 52.3 78.5

138 93.1 78.3 117.5





#49

Acenaphthylene

Concen: 61.895 ng

RT: 9.780 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF144064.D

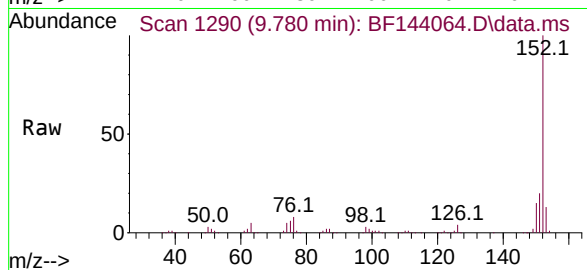
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



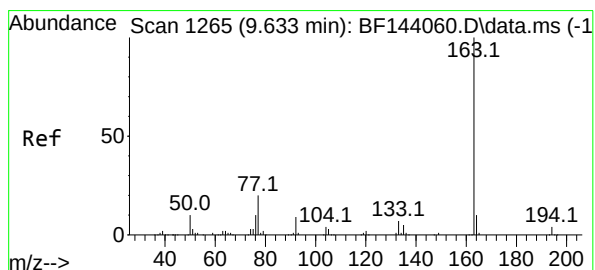
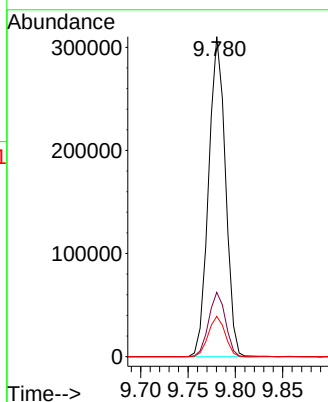
Tgt Ion:152 Resp: 383800

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

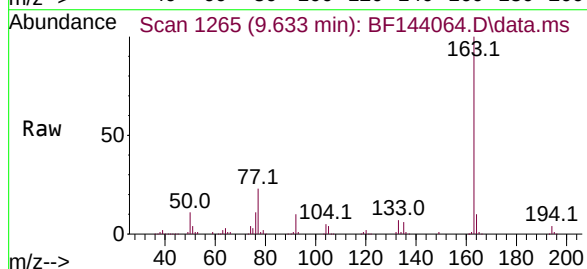
Concen: 63.485 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24



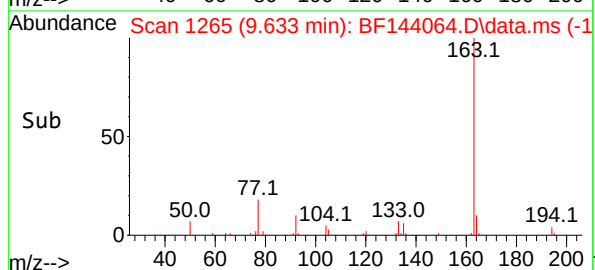
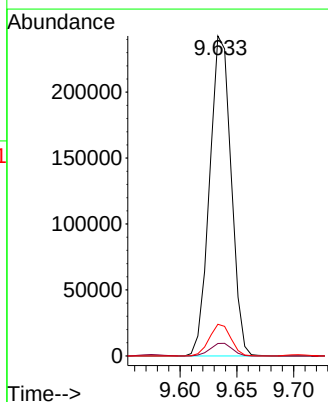
Tgt Ion:163 Resp: 319101

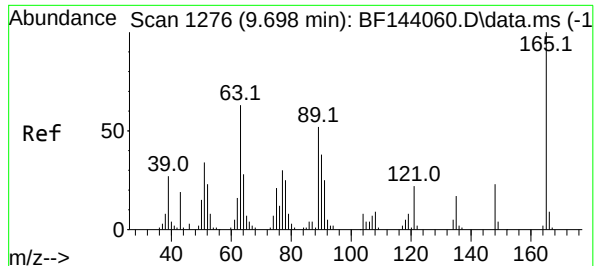
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 66.619 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

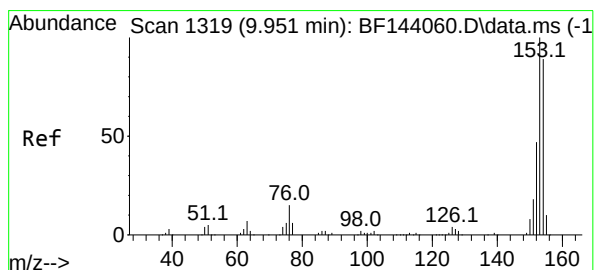
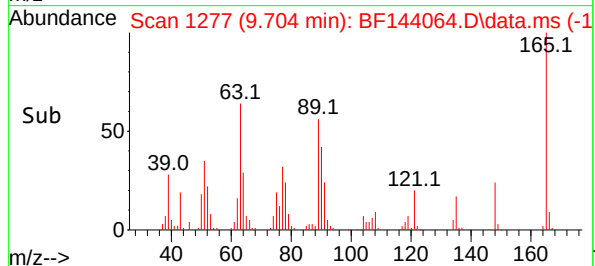
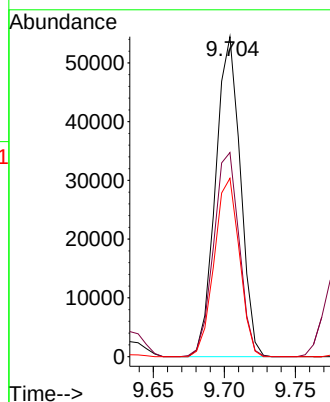
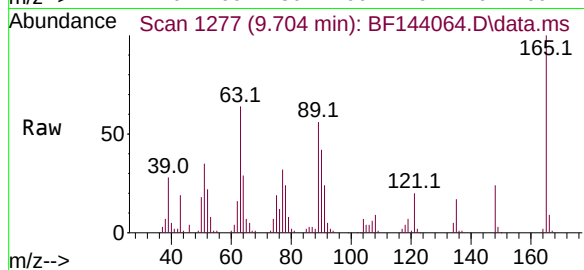
Tgt Ion:165 Resp: 66198

Ion Ratio Lower Upper

165 100

63 63.8 50.4 75.6

89 55.7 41.4 62.2



#52

Acenaphthene

Concen: 62.331 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

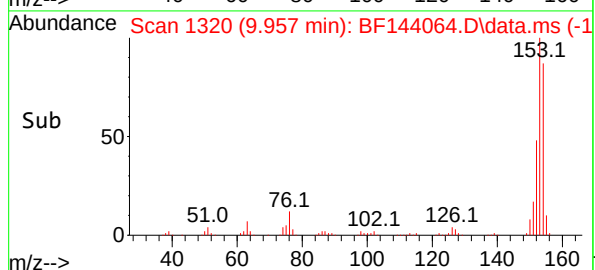
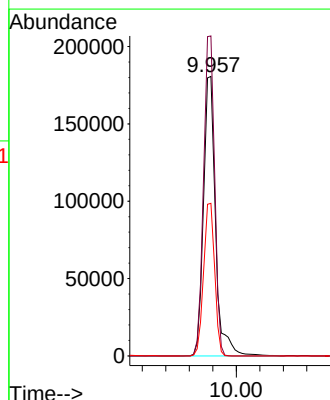
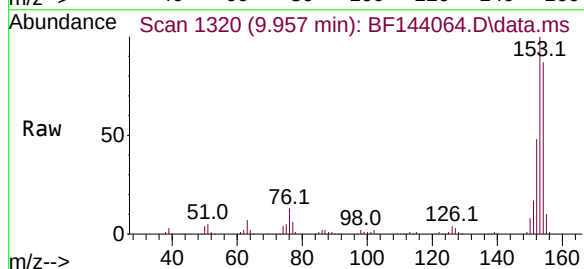
Tgt Ion:154 Resp: 258125

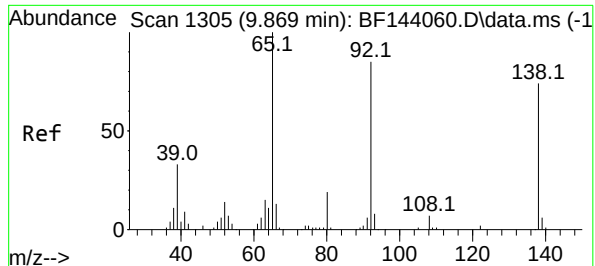
Ion Ratio Lower Upper

154 100

153 114.5 89.9 134.9

152 54.6 42.0 63.0





#53

3-Nitroaniline

Concen: 62.642 ng

RT: 9.874 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

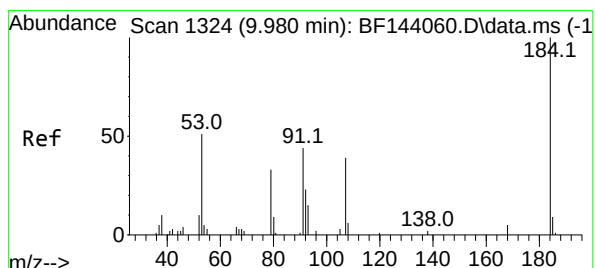
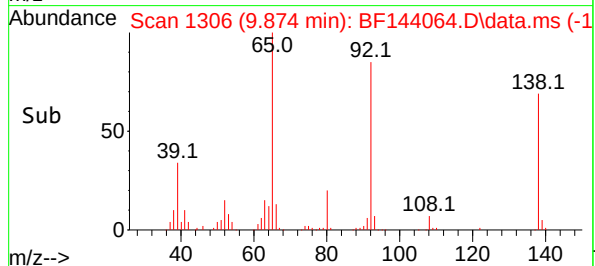
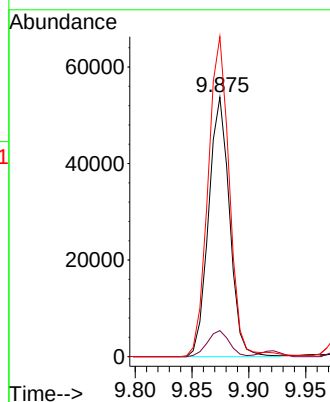
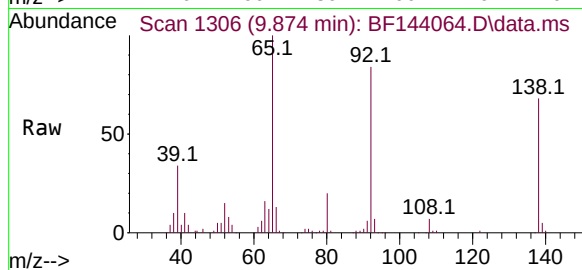
Tgt Ion:138 Resp: 69206

Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

92 123.3 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 59.508 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

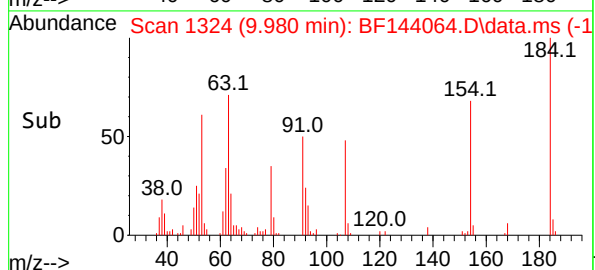
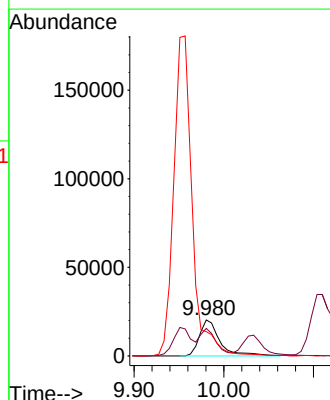
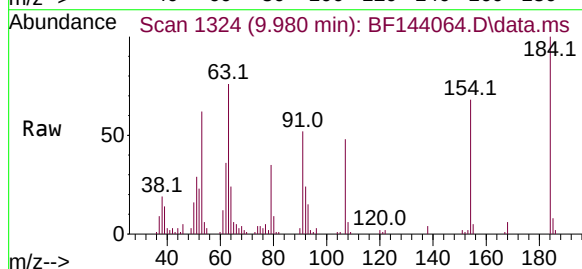
Tgt Ion:184 Resp: 31982

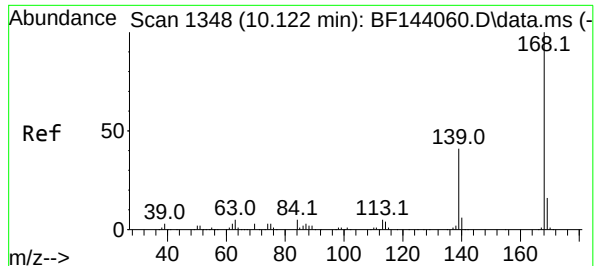
Ion Ratio Lower Upper

184 100

63 76.4 52.1 78.1

154 67.6 47.9 71.9

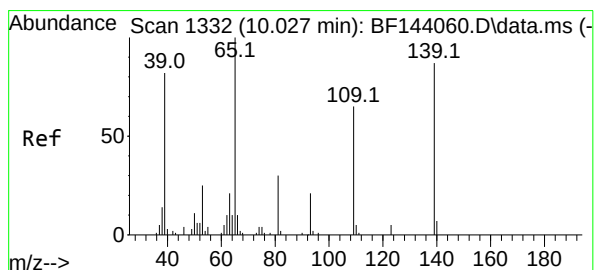
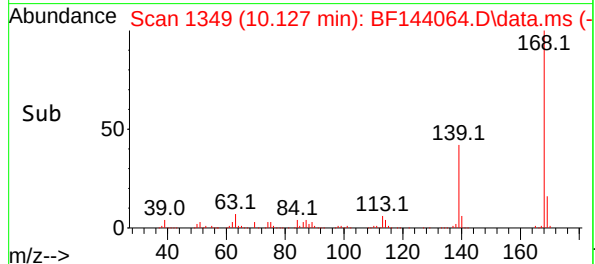
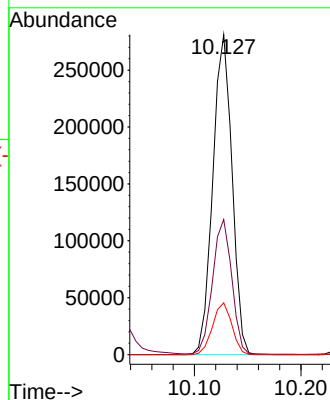
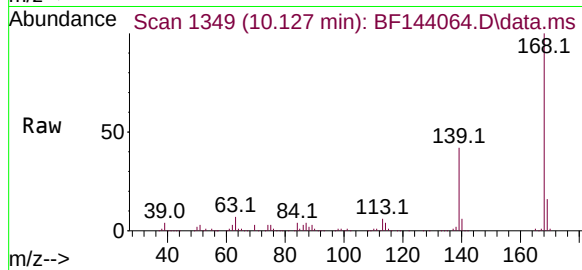




#55
Dibenzofuran
Concen: 61.440 ng
RT: 10.127 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

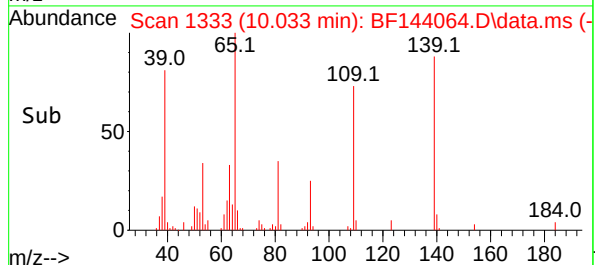
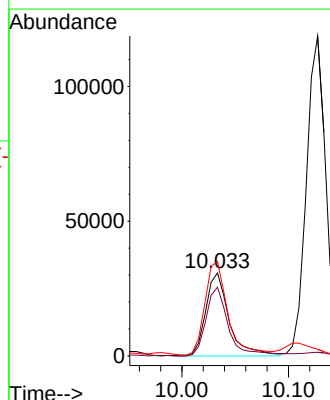
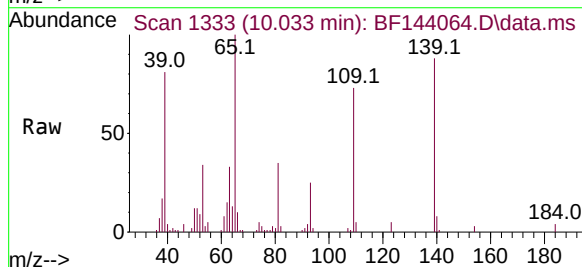
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

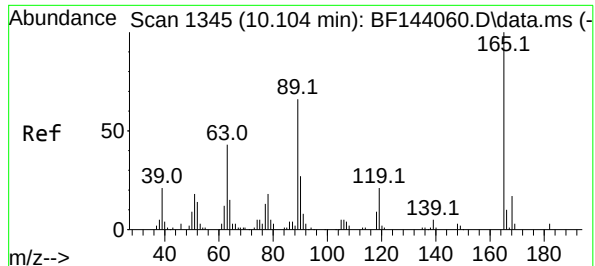
Tgt Ion:168 Resp: 353228
Ion Ratio Lower Upper
168 100
139 42.2 33.2 49.8
169 16.2 12.6 19.0



#56
4-Nitrophenol
Concen: 62.136 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:139 Resp: 46485
Ion Ratio Lower Upper
139 100
109 82.7 53.8 93.8
65 113.8 95.9 135.9

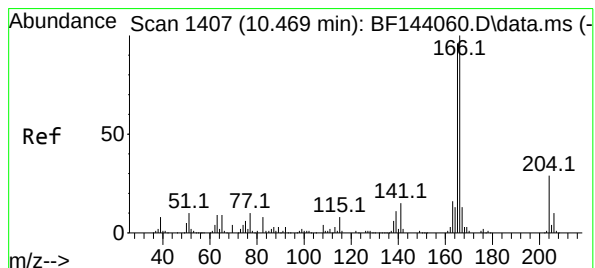
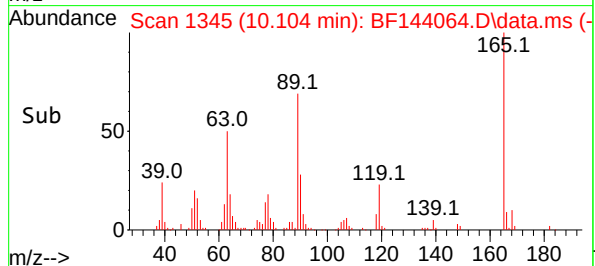
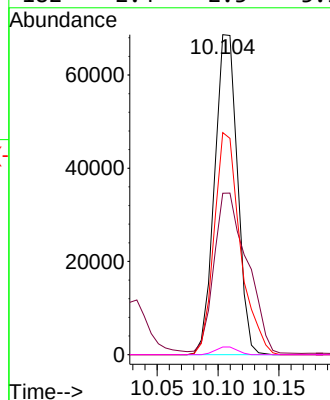
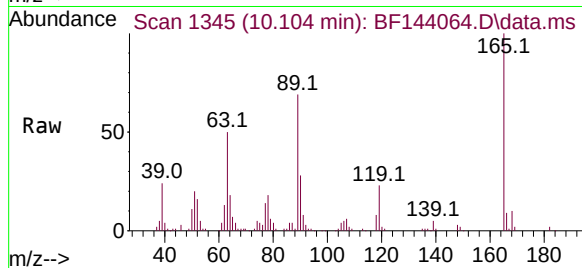




#57
2,4-Dinitrotoluene
Concen: 66.833 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

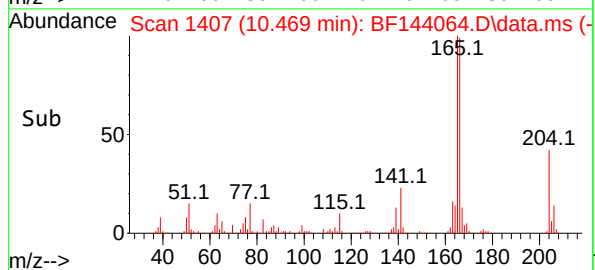
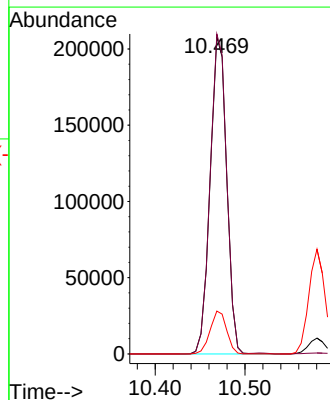
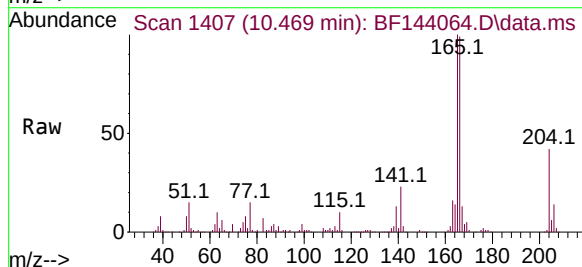
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

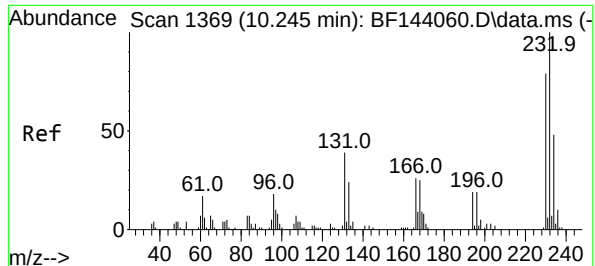
Tgt Ion	165	Resp	89630
Ion Ratio	Lower	Upper	
165	100		
63	50.4	35.4	53.2
89	69.4	52.7	79.1
182	2.4	2.3	3.5



#58
Fluorene
Concen: 60.997 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	166	Resp	267202
Ion Ratio	Lower	Upper	
166	100		
165	101.0	77.0	115.4
167	13.5	10.2	15.4

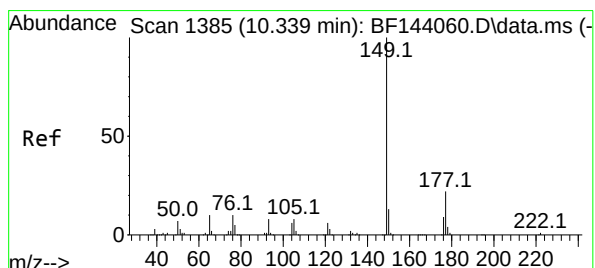
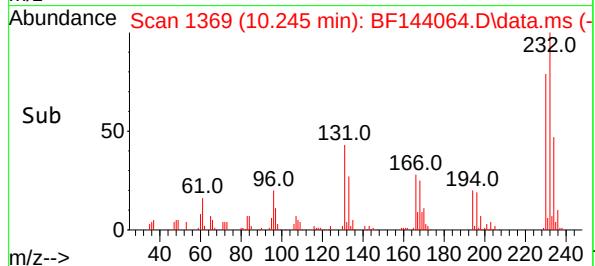
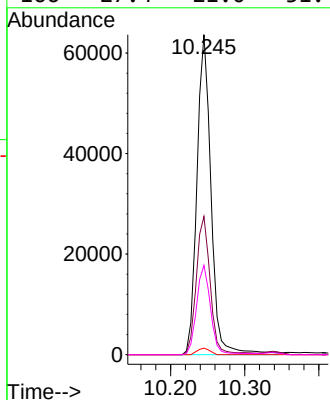
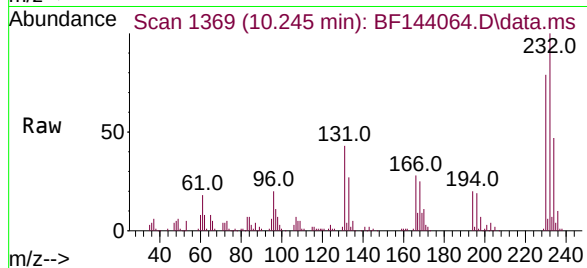




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.502 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

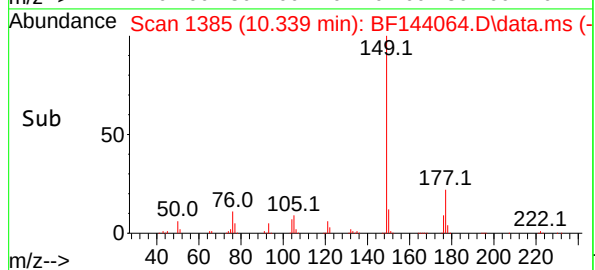
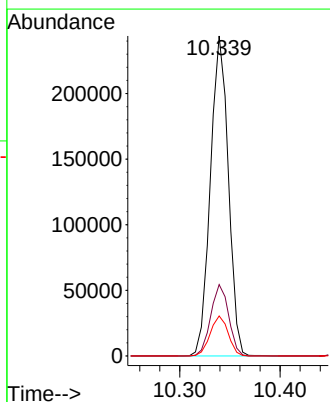
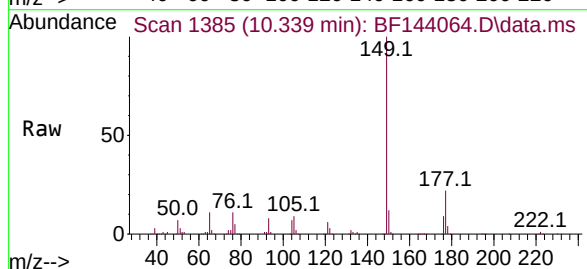
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

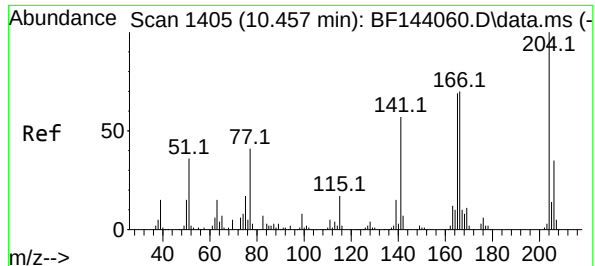
Tgt Ion:232 Resp: 84250
Ion Ratio Lower Upper
232 100
131 42.7 31.9 47.9
130 1.8 1.1 1.7#
166 27.4 21.0 31.4



#60
Diethylphthalate
Concen: 64.138 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:149 Resp: 303176
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.5 10.1 15.1

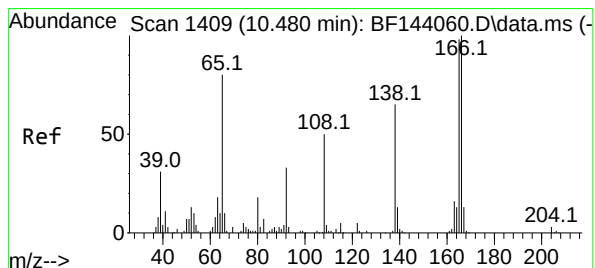
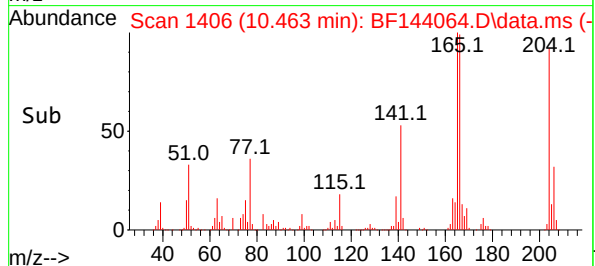
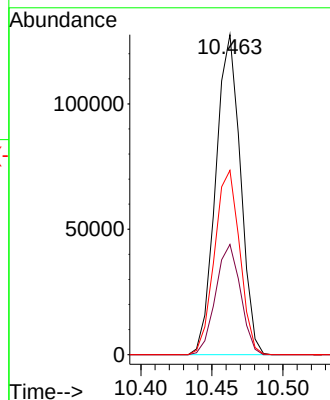
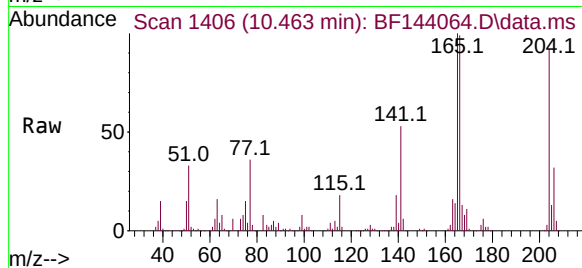




#61
4-Chlorophenyl-phenylether
Concen: 62.927 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

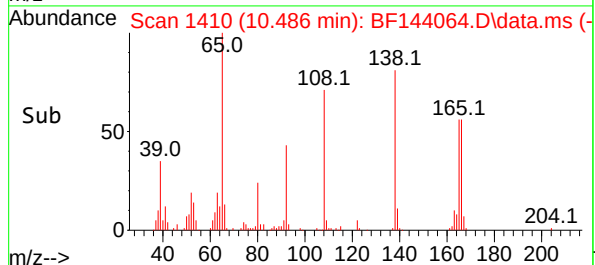
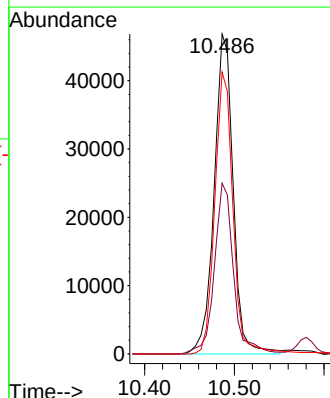
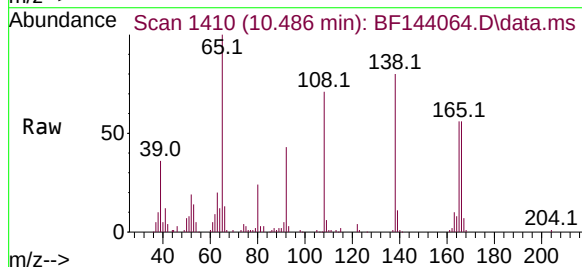
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

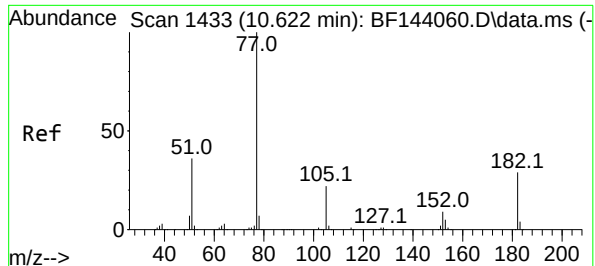
Tgt Ion:204 Resp: 155019
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.6
141 57.6 45.4 68.2



#62
4-Nitroaniline
Concen: 65.819 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:138 Resp: 68899
Ion Ratio Lower Upper
138 100
92 53.3 30.5 70.5
108 88.1 56.2 96.2

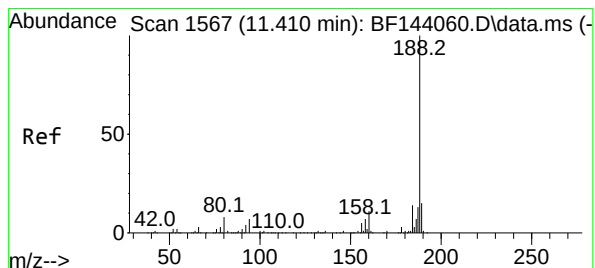
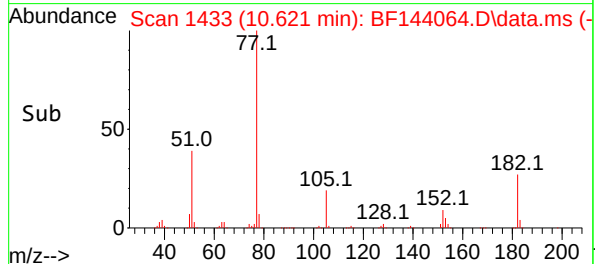
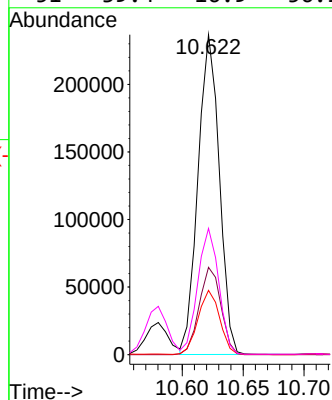
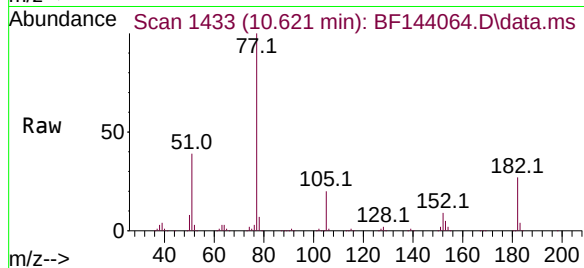




#63
Azobenzene
Concen: 64.412 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

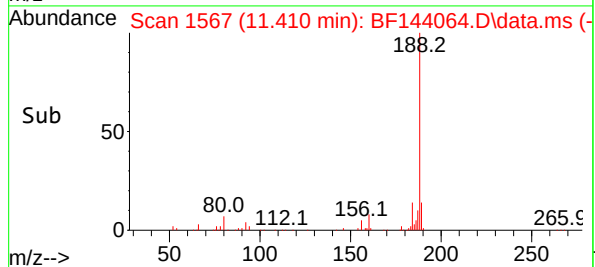
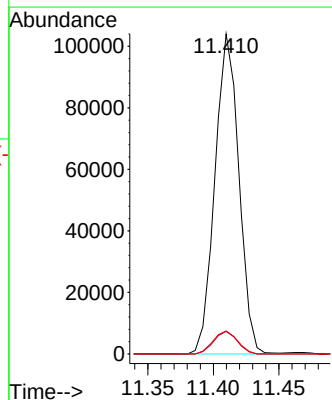
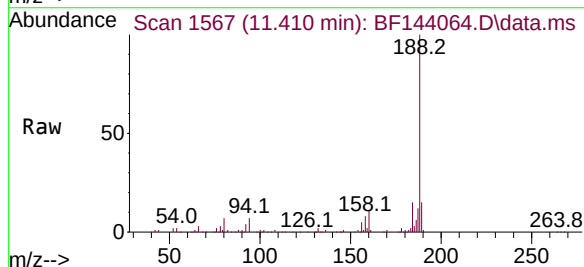
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

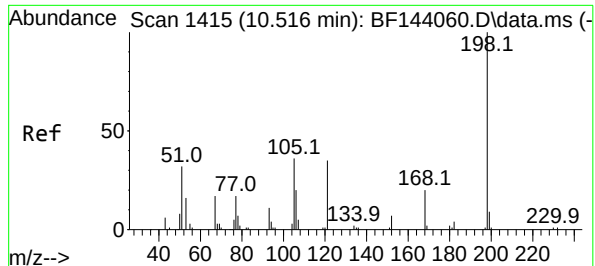
Tgt Ion: 77 Resp: 288180
Ion Ratio Lower Upper
77 100
182 27.3 9.0 49.0
105 20.1 1.4 41.4
51 39.4 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 188 Resp: 132038
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.2 6.0 9.0

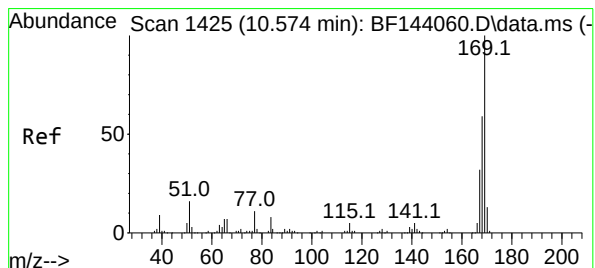
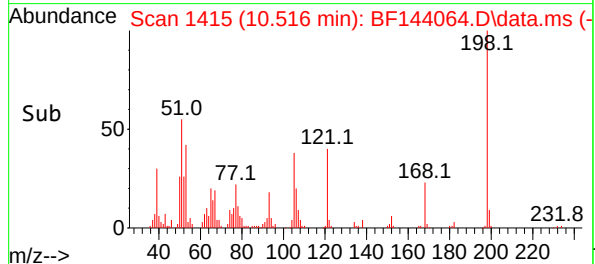
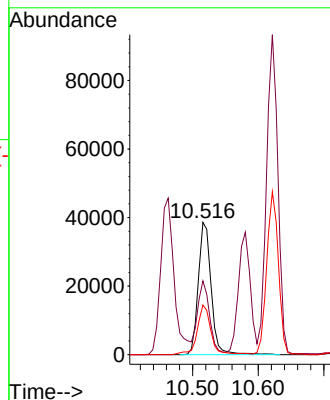
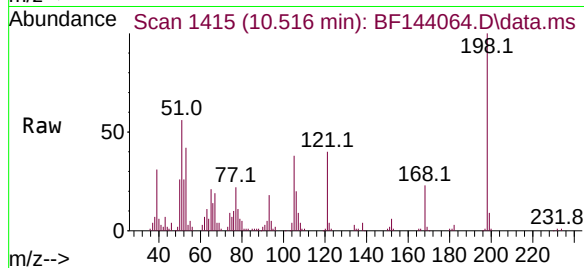




#65
4,6-Dinitro-2-methylphenol
Concen: 61.785 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

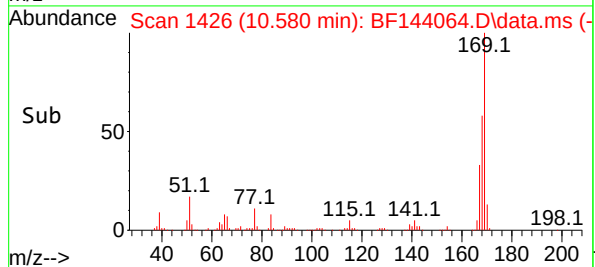
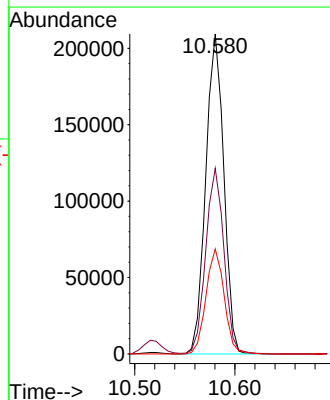
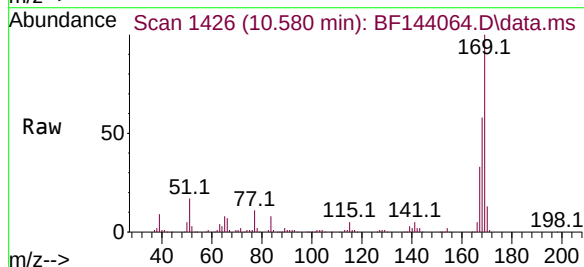
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

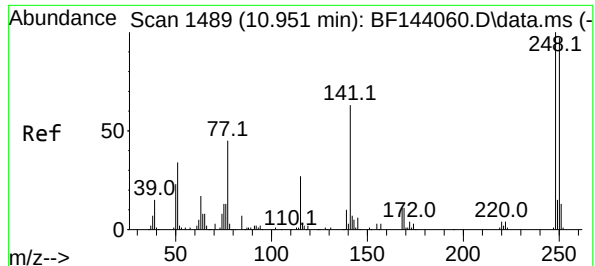
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.8	25.8	65.8
105	37.5	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 61.911 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.0	47.4	71.2
167	32.8	25.5	38.3

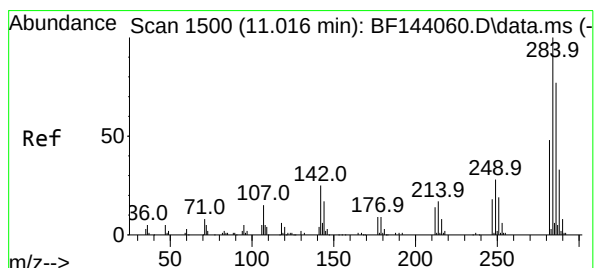
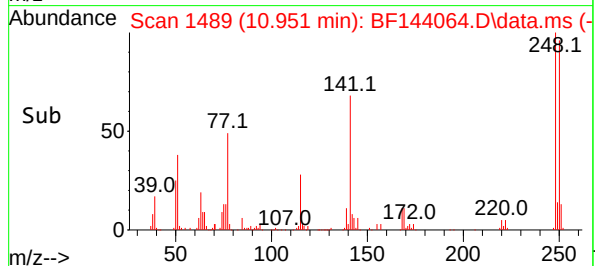
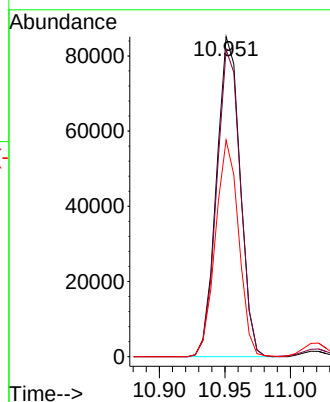
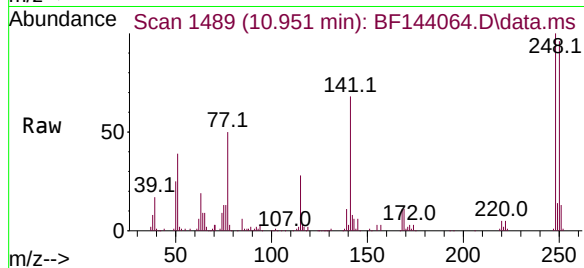




#67
4-Bromophenyl-phenylether
Concen: 64.641 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

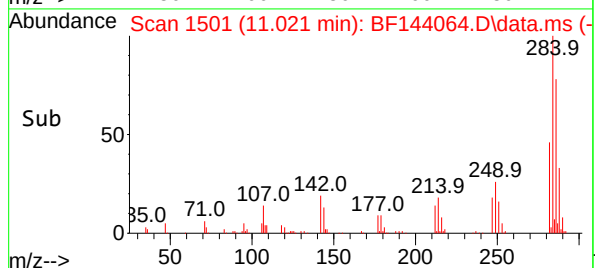
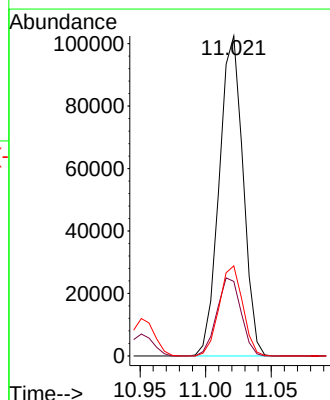
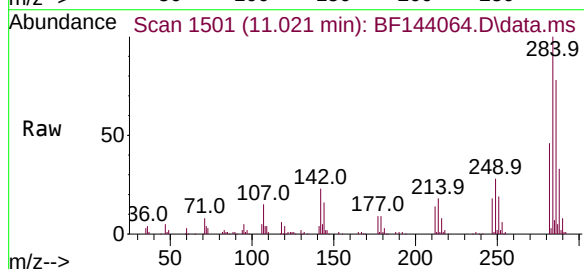
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

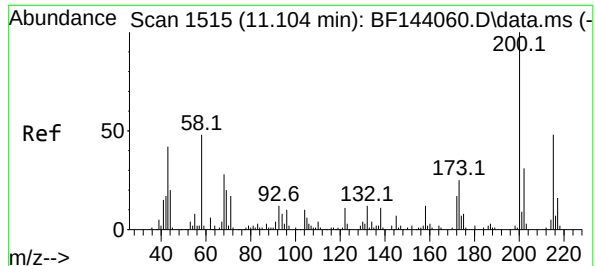
Tgt Ion:248 Resp: 106864
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 67.7 50.5 75.7



#68
Hexachlorobenzene
Concen: 64.021 ng
RT: 11.021 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:284 Resp: 129804
Ion Ratio Lower Upper
284 100
142 23.3 20.0 30.0
249 28.1 22.2 33.2





#69

Atrazine

Concen: 67.200 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

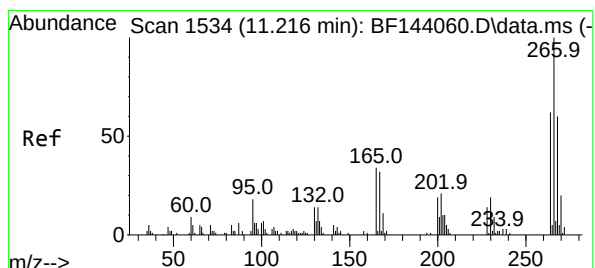
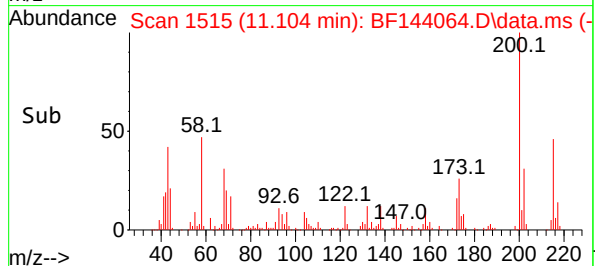
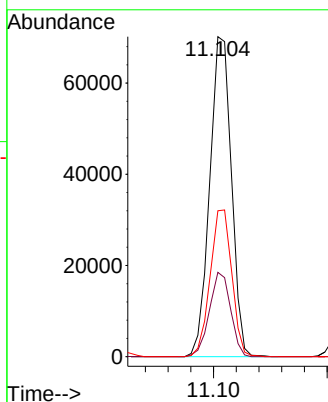
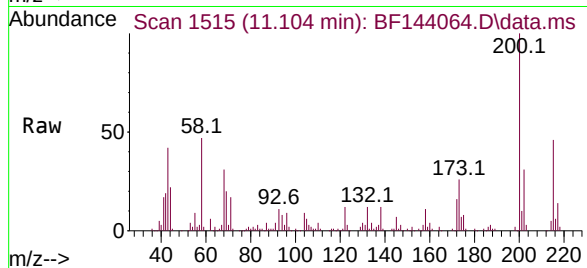
Tgt Ion:200 Resp: 93028

Ion Ratio Lower Upper

200 100

173 26.3 4.9 44.9

215 45.6 28.2 68.2



#70

Pentachlorophenol

Concen: 68.842 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

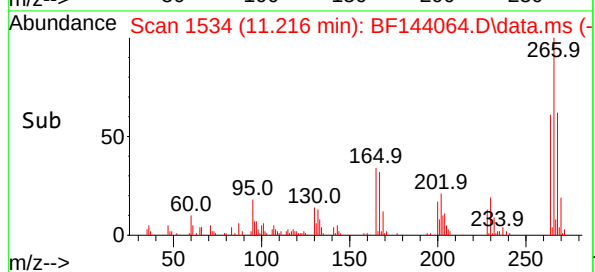
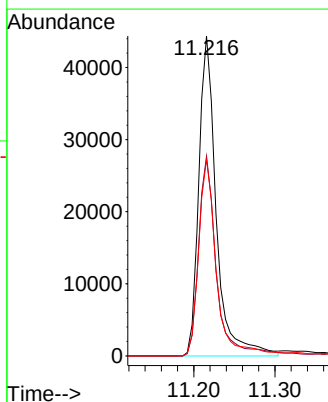
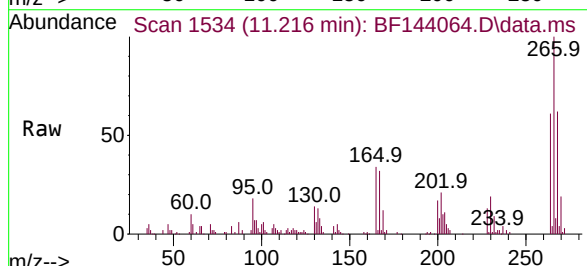
Tgt Ion:266 Resp: 66439

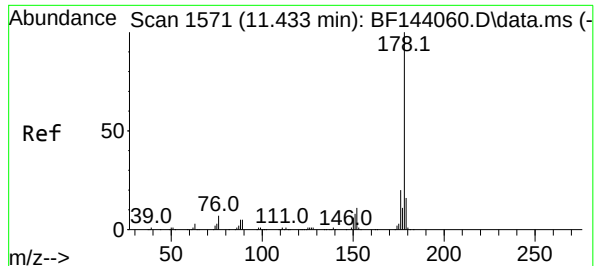
Ion Ratio Lower Upper

266 100

268 62.4 48.2 72.4

264 61.4 49.4 74.0

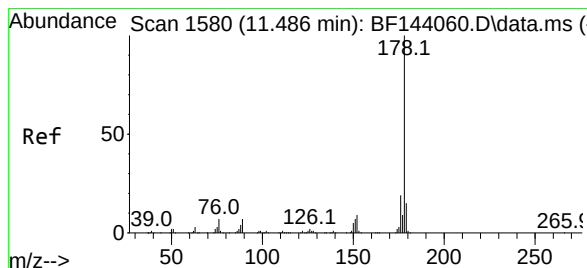
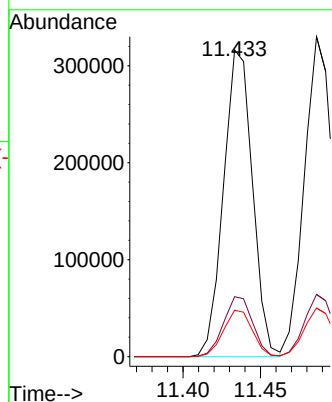
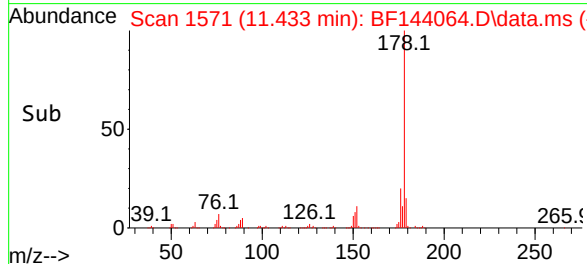
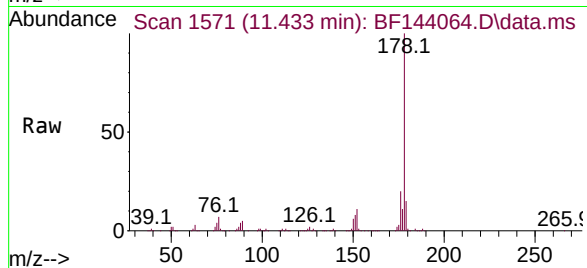




#71
Phenanthrene
Concen: 63.013 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

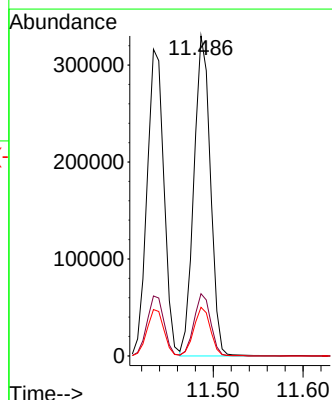
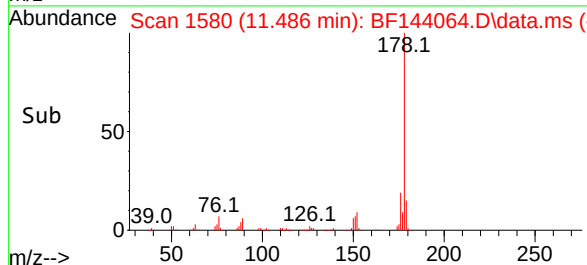
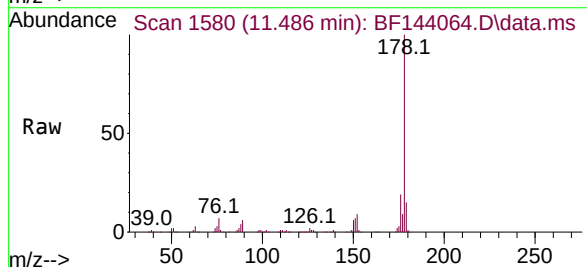
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

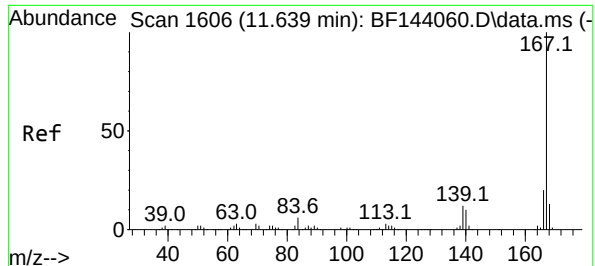
Tgt Ion:178 Resp: 413305
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.1 12.6 18.8



#72
Anthracene
Concen: 62.266 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

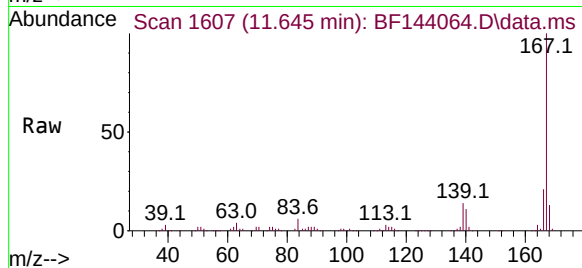
Tgt Ion:178 Resp: 421890
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 15.2 11.8 17.6



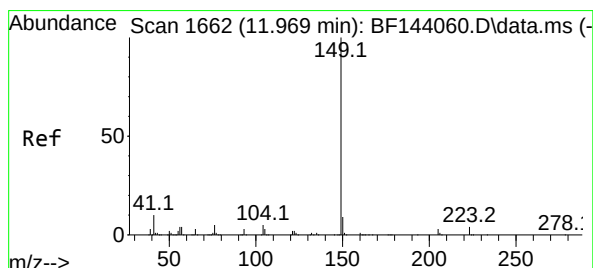
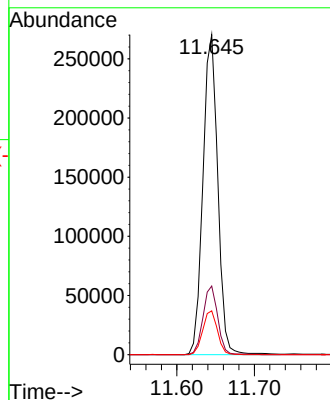
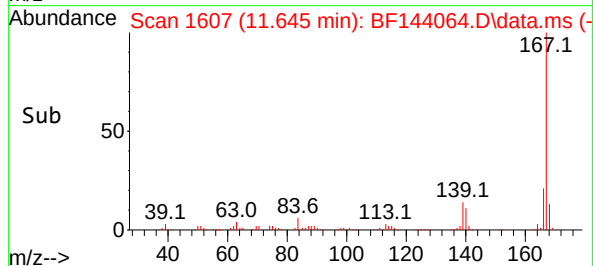


#73
Carbazole
Concen: 62.276 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

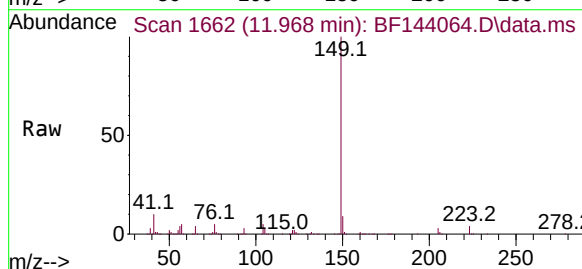
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



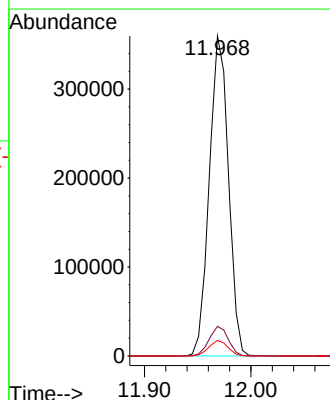
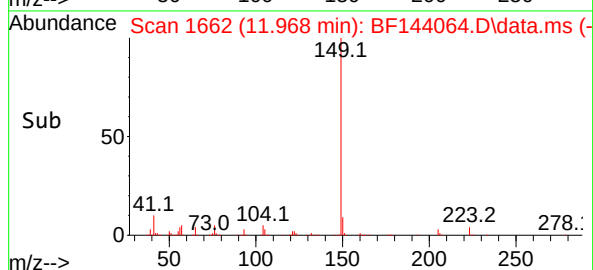
Tgt Ion:167 Resp: 359155
Ion Ratio Lower Upper
167 100
166 21.5 16.1 24.1
139 13.7 9.8 14.6

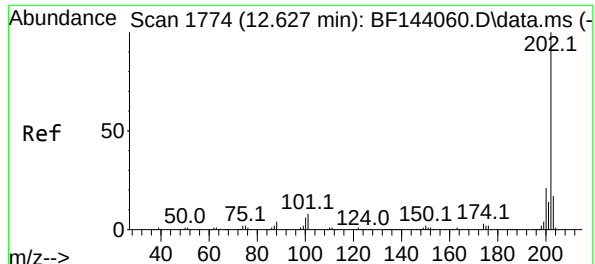


#74
Di-n-butylphthalate
Concen: 63.601 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24



Tgt Ion:149 Resp: 449708
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.8 3.6 5.4

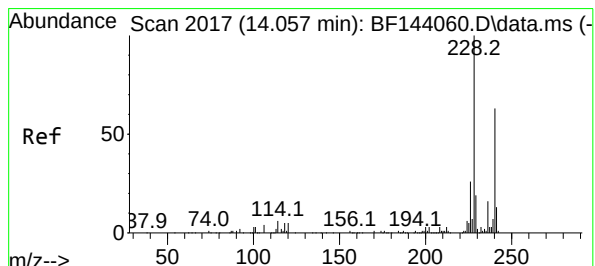
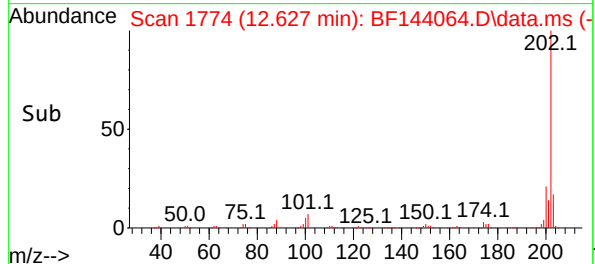
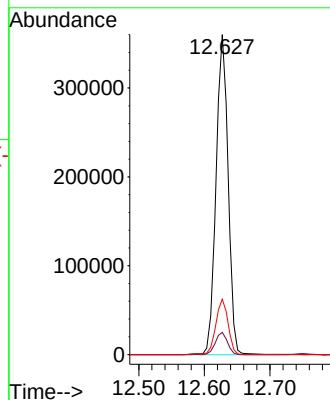
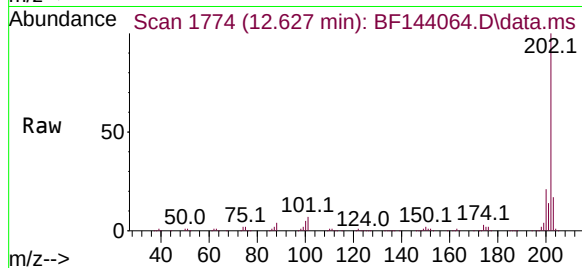




#75
Fluoranthene
Concen: 63.767 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

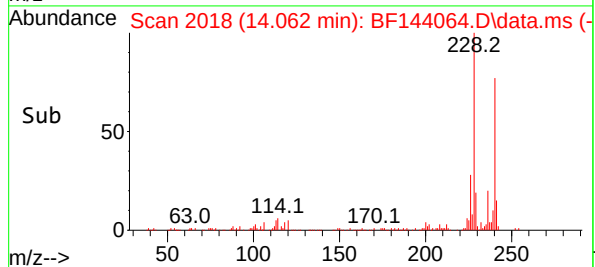
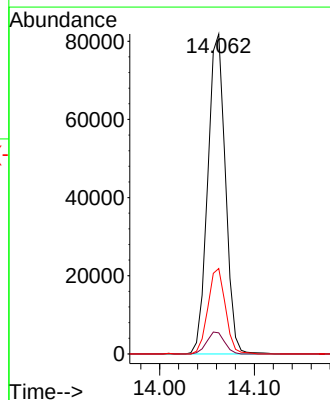
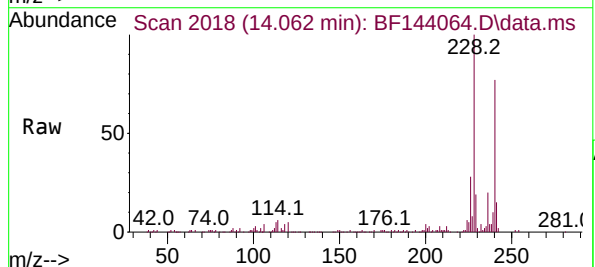
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

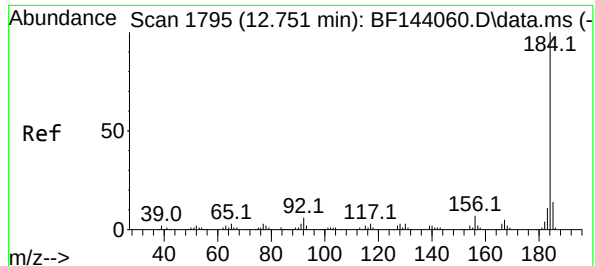
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.7
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.5	9.7
236	26.7	20.1	30.1

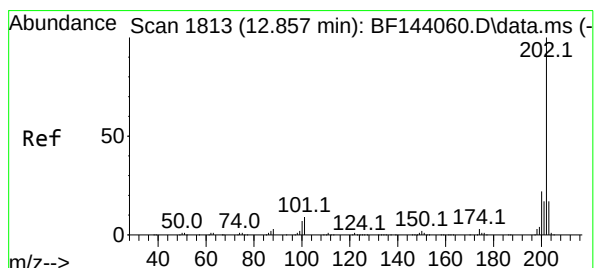
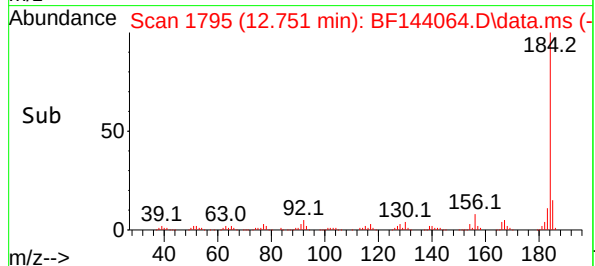
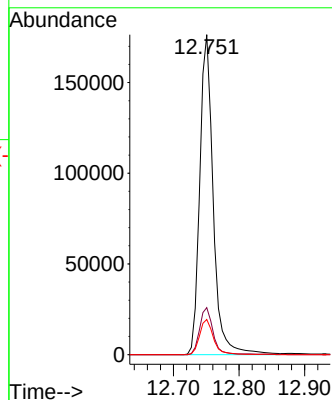
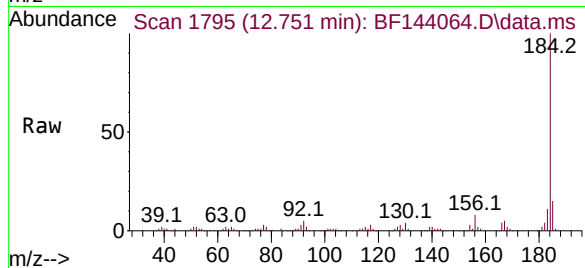




#77
Benzidine
Concen: 75.863 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

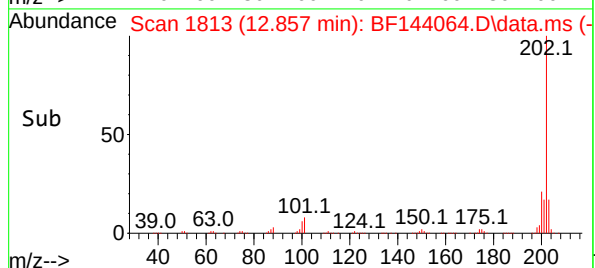
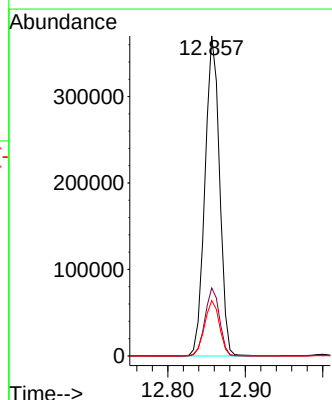
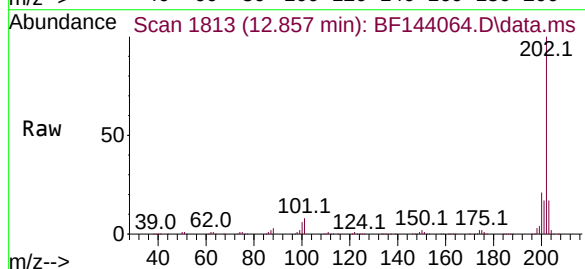
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

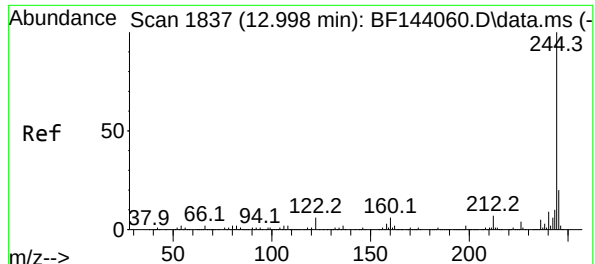
Tgt Ion:184 Resp: 250383
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.0 8.5 12.7



#78
Pyrene
Concen: 63.369 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:202 Resp: 483140
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 130.186 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF144064.D

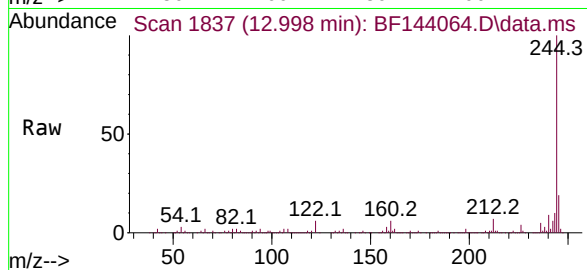
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



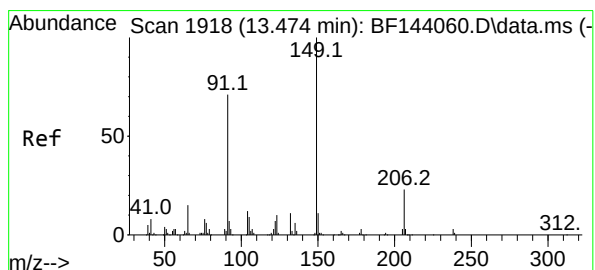
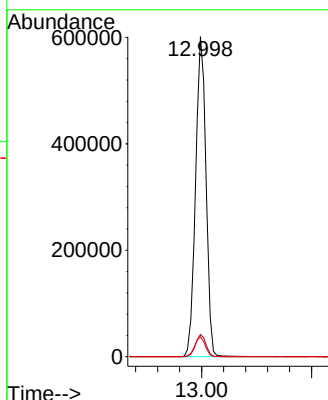
Tgt Ion:244 Resp: 789728

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.2 4.9 7.3



#80

Butylbenzylphthalate

Concen: 65.668 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

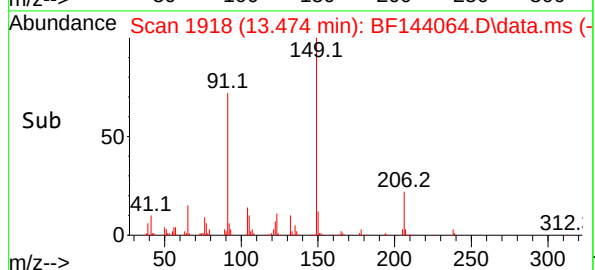
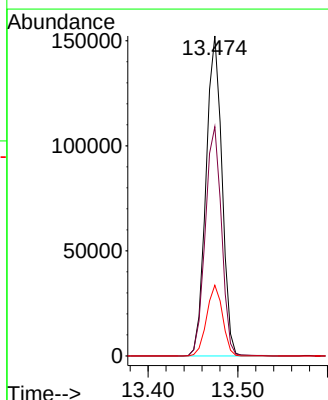
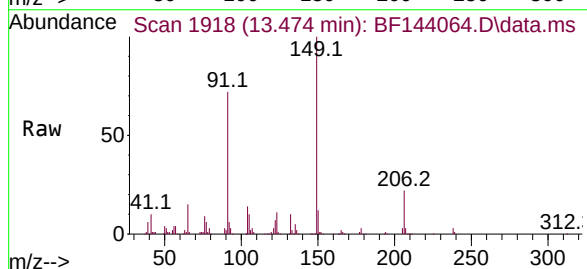
Tgt Ion:149 Resp: 189412

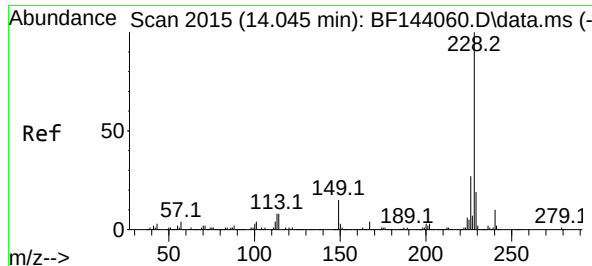
Ion Ratio Lower Upper

149 100

91 71.6 56.6 84.8

206 22.1 18.3 27.5

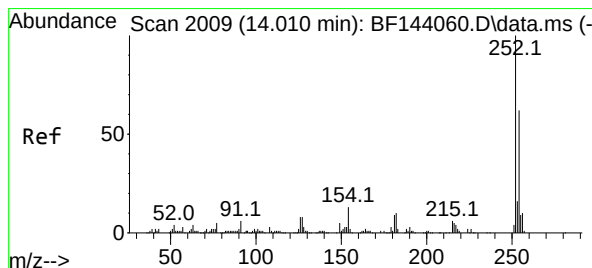
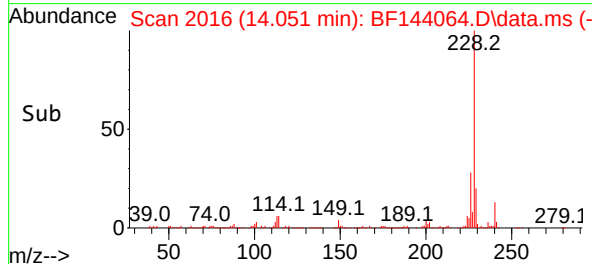
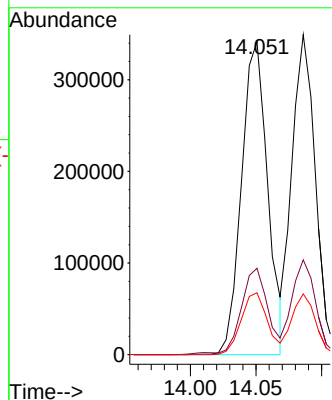
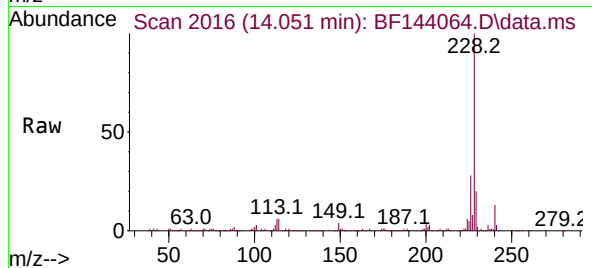




#81
Benzo(a)anthracene
Concen: 66.219 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

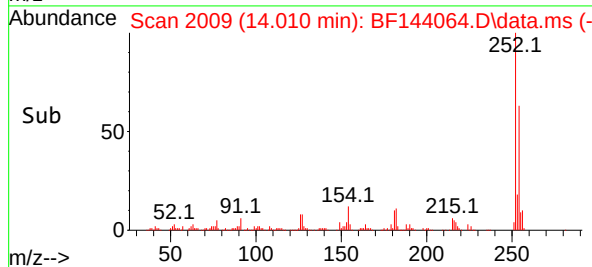
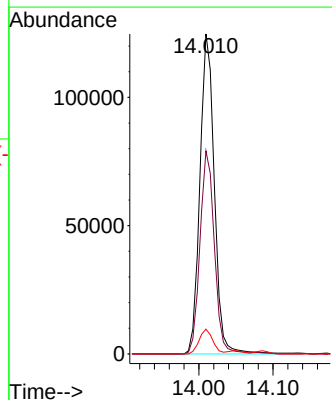
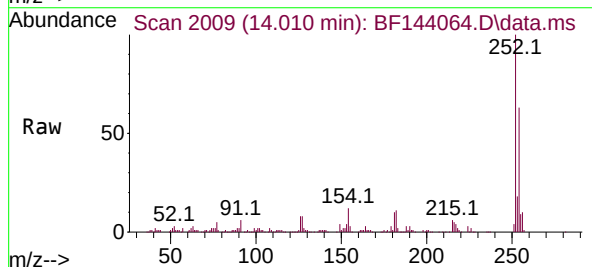
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

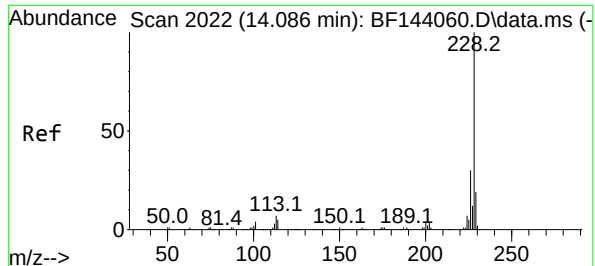
Tgt Ion:228 Resp: 474589
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 67.487 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:252 Resp: 168368
Ion Ratio Lower Upper
252 100
254 63.4 49.9 74.9
126 7.7 6.5 9.7





#83

Chrysene

Concen: 64.608 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

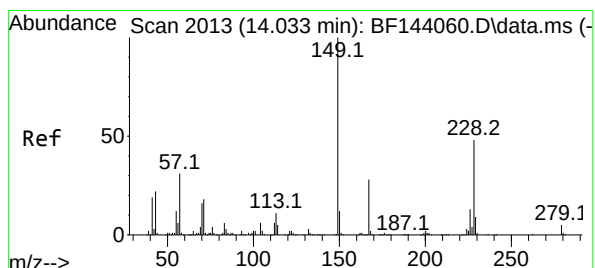
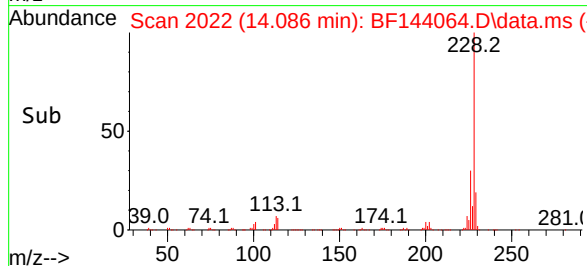
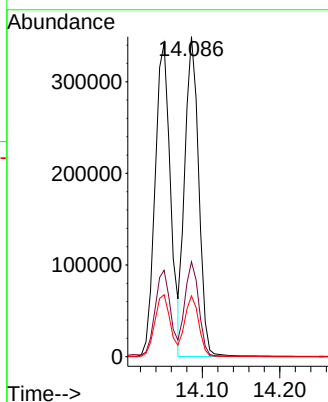
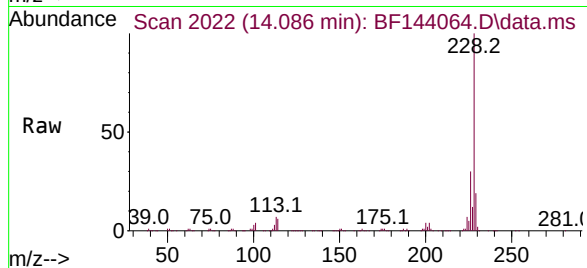
Tgt Ion:228 Resp: 434514

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.663 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

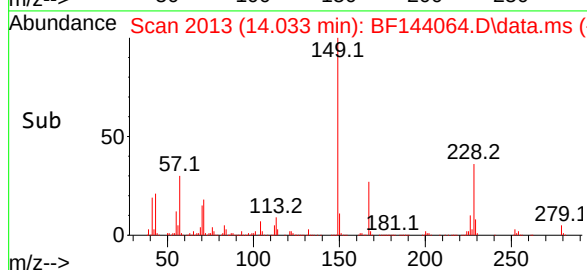
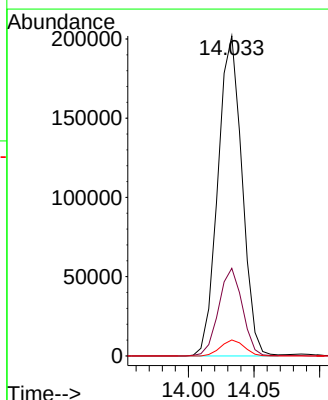
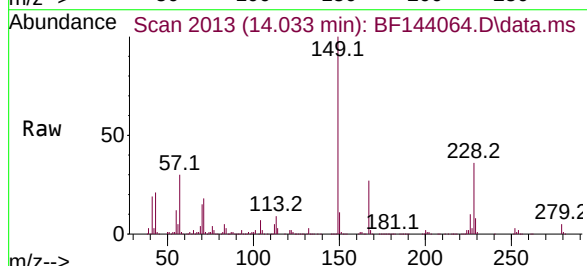
Tgt Ion:149 Resp: 258560

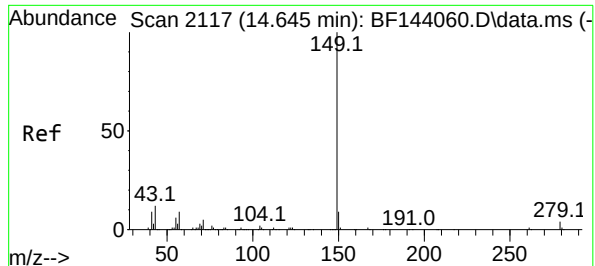
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 5.0 3.6 5.4

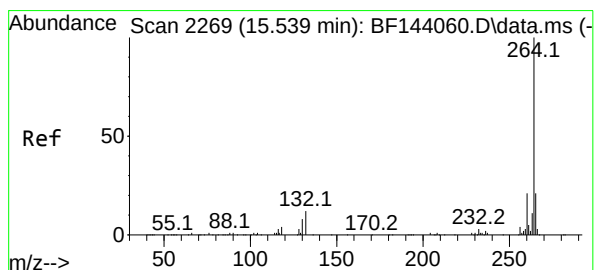
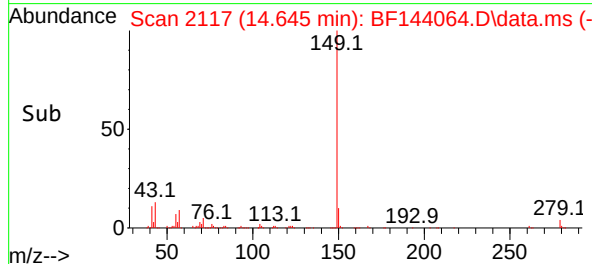
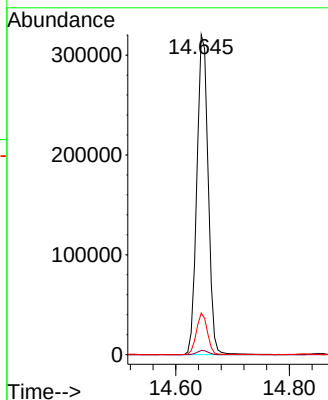
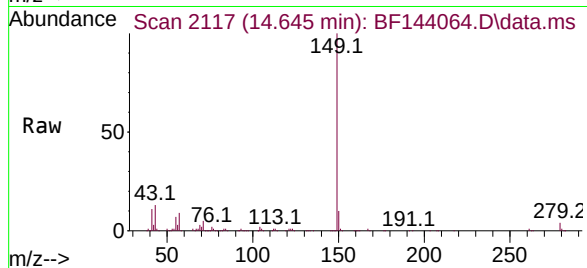




#85
Di-n-octyl phthalate
Concen: 64.942 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

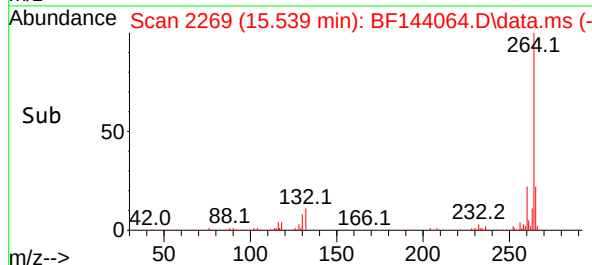
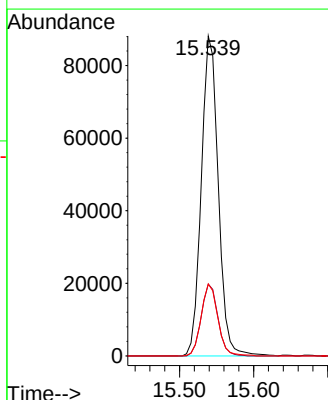
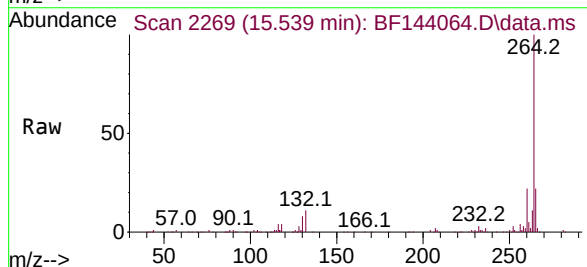
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

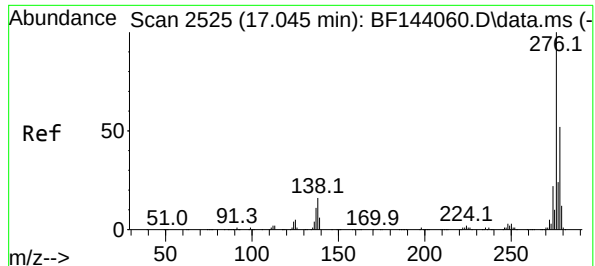
Tgt Ion:149 Resp: 439771
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.7 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:264 Resp: 140075
Ion Ratio Lower Upper
264 100
260 22.4 17.0 25.4
265 22.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.606 ng

RT: 17.056 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

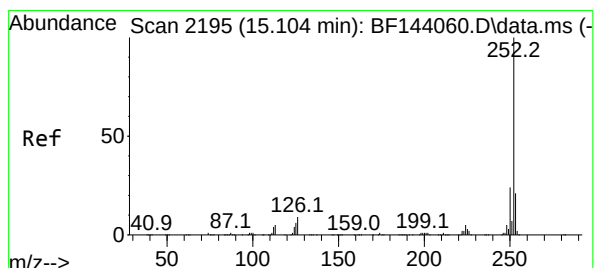
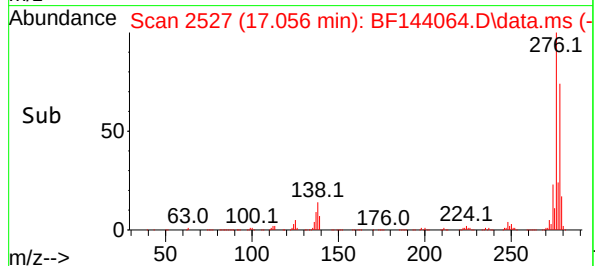
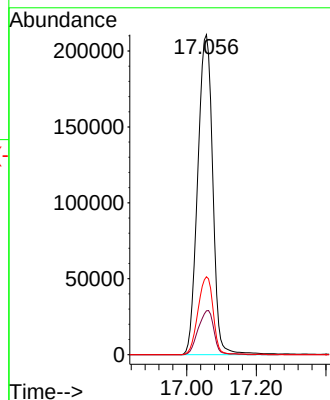
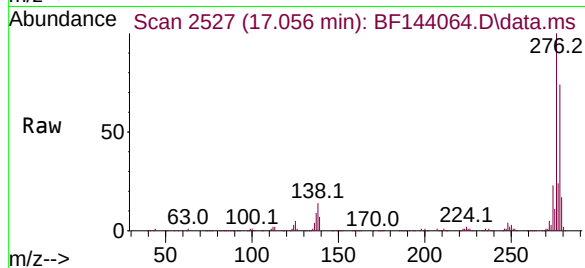
Tgt Ion:276 Resp: 630927

Ion Ratio Lower Upper

276 100

138 14.2 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 61.071 ng

RT: 15.109 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

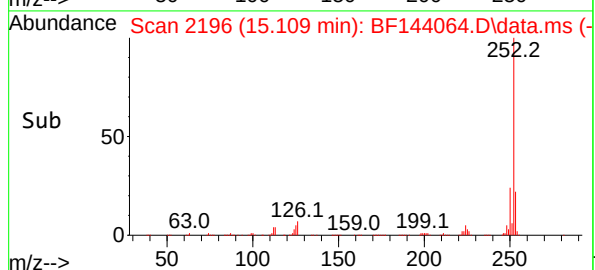
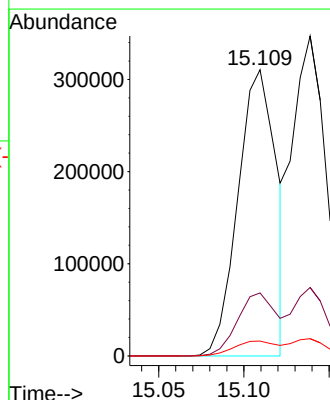
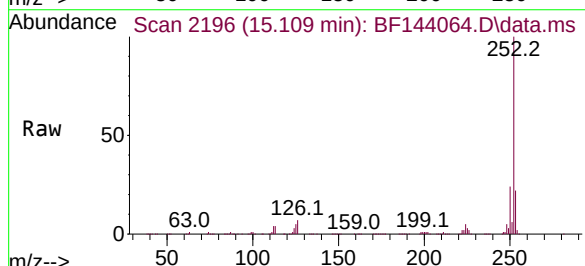
Tgt Ion:252 Resp: 483612

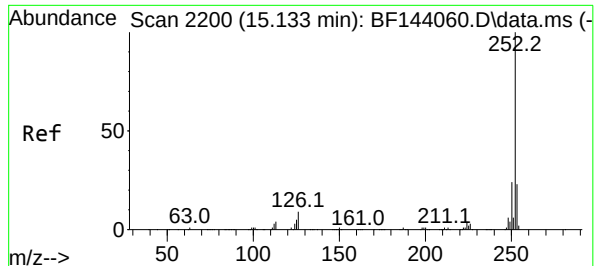
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 5.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 66.551 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

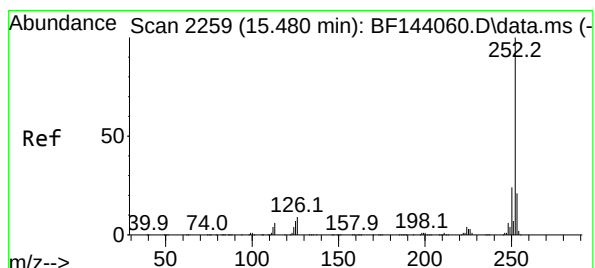
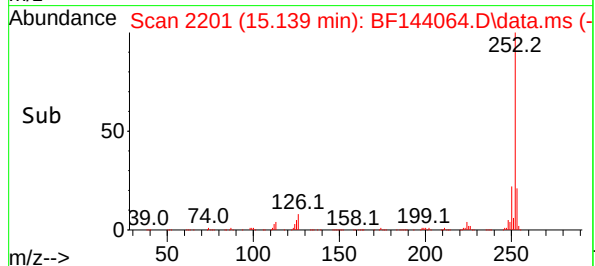
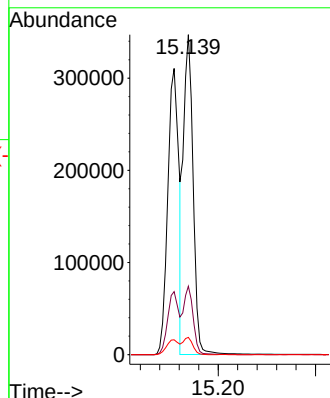
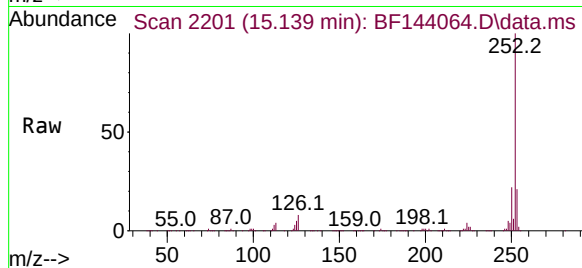
Tgt Ion:252 Resp: 486238

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 5.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 64.222 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

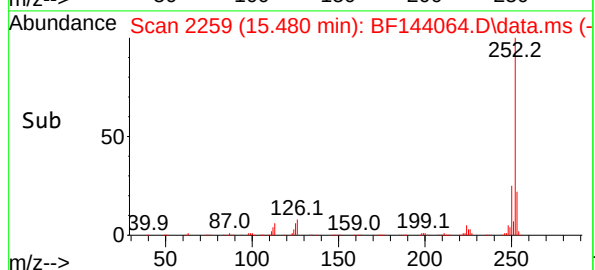
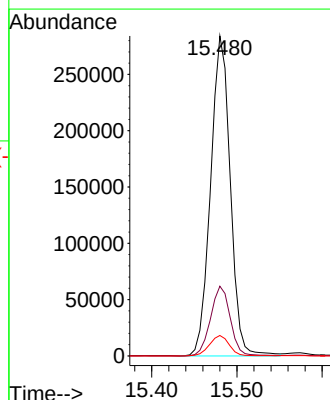
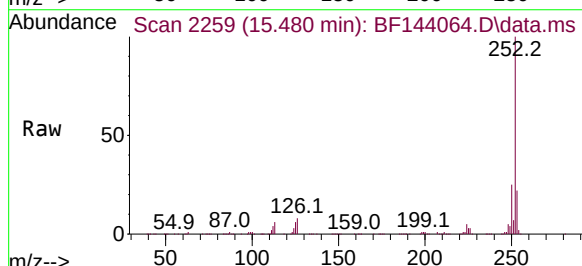
Tgt Ion:252 Resp: 456250

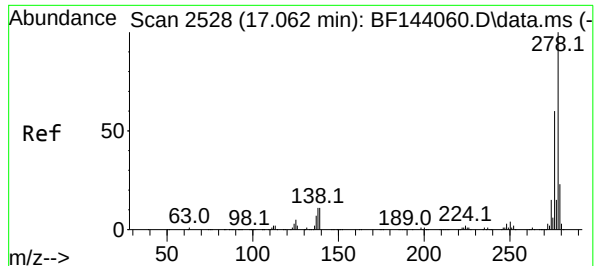
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 6.4 5.4 8.2

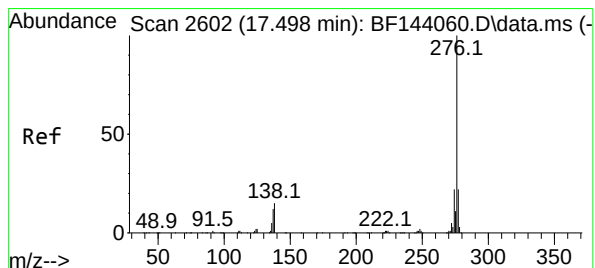
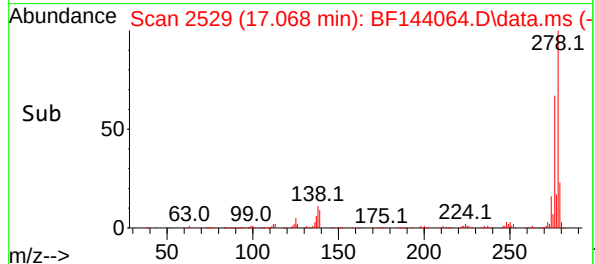
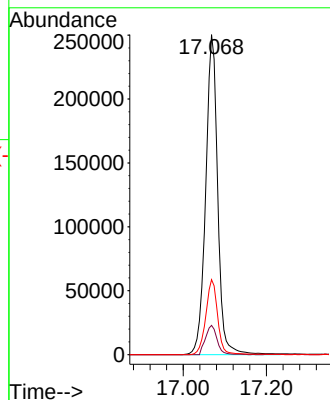
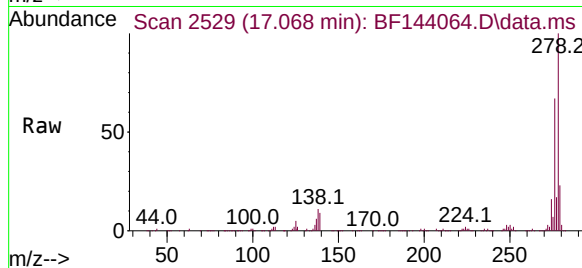




#91
Dibenzo(a,h)anthracene
Concen: 65.994 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

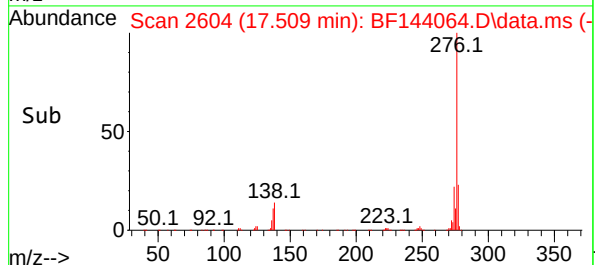
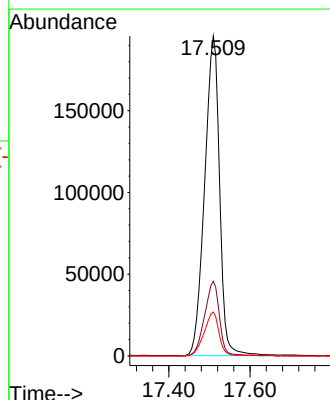
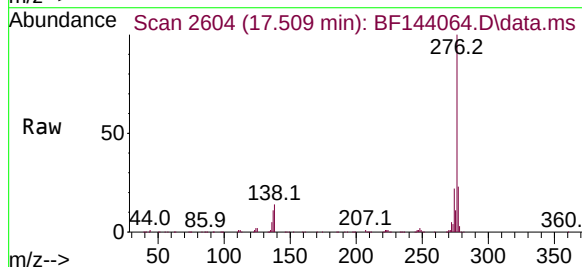
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 502376
Ion Ratio Lower Upper
278 100
139 9.1 8.5 12.7
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 65.439 ng
RT: 17.509 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:276 Resp: 500846
Ion Ratio Lower Upper
276 100
277 23.3 17.9 26.9
138 13.7 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	39660	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	138565	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	76145	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	127305	20.000	ng	0.00
76) Chrysene-d12	14.057	240	97298	20.000	ng	0.00
86) Perylene-d12	15.539	264	122912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	176184	70.283	ng	0.00
7) Phenol-d6	6.504	99	190899	68.955	ng	0.00
23) Nitrobenzene-d5	7.440	82	178800	70.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	66490	68.551	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	366420	67.717	ng	0.00
79) Terphenyl-d14	12.998	244	409300	73.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	38586	35.621	ng	94
3) Pyridine	3.405	79	94470	32.576	ng	96
4) n-Nitrosodimethylamine	3.346	42	65742	36.893	ng	93
6) Aniline	6.540	93	143853	36.320	ng	98
8) 2-Chlorophenol	6.663	128	82897	33.579	ng	98
9) Benzaldehyde	6.434	77	74914	34.852	ng	98
10) Phenol	6.516	94	119040	34.853	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	83544	33.851	ng	98
12) 1,3-Dichlorobenzene	6.822	146	112585	36.971	ng	99
13) 1,4-Dichlorobenzene	6.898	146	111592	37.183	ng	99
14) 1,2-Dichlorobenzene	7.051	146	104166	35.872	ng	99
15) Benzyl Alcohol	7.016	79	81782	36.330	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	160104	34.517	ng	100
17) 2-Methylphenol	7.128	107	66743	35.152	ng	96
18) Hexachloroethane	7.392	117	37228	34.696	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	62662	35.002	ng	99
20) 3+4-Methylphenols	7.281	107	81018	36.095	ng	92
22) Acetophenone	7.287	105	115151	38.453	ng	97
24) Nitrobenzene	7.457	77	98332	36.753	ng	97
25) Isophorone	7.698	82	160608	36.322	ng	100
26) 2-Nitrophenol	7.775	139	46278	36.360	ng	95
27) 2,4-Dimethylphenol	7.810	122	74530	39.405	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	97014	35.182	ng	97
29) 2,4-Dichlorophenol	8.016	162	78967	35.901	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	87660	38.739	ng	99
31) Naphthalene	8.181	128	234353	35.834	ng	99
32) Benzoic acid	7.922	122	52854	44.054	ng	88
33) 4-Chloroaniline	8.234	127	94319	41.428	ng	99
34) Hexachlorobutadiene	8.298	225	70793	38.260	ng	97
35) Caprolactam	8.587	113	19488	35.331	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	70096	36.112	ng	94
37) 2-Methylnaphthalene	8.875	142	143296	33.233	ng	94
38) 1-Methylnaphthalene	8.975	142	146838	35.945	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	91910	35.121	ng	99
41) Hexachlorocyclopentadiene	9.028	237	39270	48.585	ng	94
43) 2,4,6-Trichlorophenol	9.151	196	57810	33.986	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	64300	36.018	ng	94
46) 1,1'-Biphenyl	9.339	154	192660	35.345	ng	99
47) 2-Chloronaphthalene	9.363	162	159410	34.908	ng	99
48) 2-Nitroaniline	9.457	65	49659	36.621	ng	95
49) Acenaphthylene	9.781	152	243055	39.474	ng	99
50) Dimethylphthalate	9.634	163	170189	34.098	ng	99
51) 2,6-Dinitrotoluene	9.698	165	34990	35.461	ng	96
52) Acenaphthene	9.951	154	144520	35.145	ng	99
53) 3-Nitroaniline	9.869	138	39278	35.804	ng	98
54) 2,4-Dinitrophenol	9.981	184	21935	41.102	ng	94
55) Dibenzofuran	10.122	168	194900	34.140	ng	98
56) 4-Nitrophenol	10.028	139	28418	38.254	ng	95
57) 2,4-Dinitrotoluene	10.104	165	49275	37.002	ng	96
58) Fluorene	10.469	166	151653	34.864	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49354	39.232	ng	# 96
60) Diethylphthalate	10.333	149	166357	35.442	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	86789	35.479	ng	99
62) 4-Nitroaniline	10.481	138	35087	33.756	ng	90
63) Azobenzene	10.616	77	161807	36.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	30929	37.867	ng	97
66) n-Nitrosodiphenylamine	10.575	169	146733	36.075	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	56286	35.313	ng	96
68) Hexachlorobenzene	11.016	284	70184	35.903	ng	98
69) Atrazine	11.104	200	48908	36.643	ng	99
70) Pentachlorophenol	11.216	266	30927	33.237	ng	95
71) Phenanthrene	11.433	178	228423	36.120	ng	98
72) Anthracene	11.486	178	233757	35.782	ng	99
73) Carbazole	11.639	167	196006	35.250	ng	98
74) Di-n-butylphthalate	11.969	149	245199	35.967	ng	100
75) Fluoranthene	12.622	202	244043	34.929	ng	99
77) Benzidine	12.745	184	146518	48.386	ng	99
78) Pyrene	12.857	202	246902	35.297	ng	100
80) Butylbenzylphthalate	13.469	149	94583	35.741	ng	98
81) Benzo(a)anthracene	14.045	228	234218	35.620	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	97608	42.643	ng	99
83) Chrysene	14.080	228	224422	36.371	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	130456	36.110	ng	98
85) Di-n-octyl phthalate	14.645	149	218335	35.142	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.039	276	302575	35.856	ng	100
88) Benzo(b)fluoranthene	15.104	252	234274	33.715	ng	99
89) Benzo(k)fluoranthene	15.133	252	240517	37.516	ng	99
90) Benzo(a)pyrene	15.474	252	229237	36.773	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	240551	36.012	ng	98
92) Benzo(g,h,i)perylene	17.492	276	248094	36.942	ng	98

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

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Abundance

TIC: BF144065.D\data.ms

Time-->

1,4-Dioxane

Nitrosodiphenylamine,

2-Fluorophenol, S

Phenol-d6, S

Phenol-G

Bis(2-chloroethyl)ether, chloro

1,4-Dichlorobenzene, C

2,2'-oxybis(1-chloroethane)

Hexachlorobenzene

Nitrobenzene-d5, S

Isopropylphenol

2-Nitrophenol, C

2,4-Dichlorophenol

2,4,6-Trichlorophenol

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methyl-4-chlorophenol

2-Chloronitrobenzene

2-Nitroaniline

2,6-Dinitrotoluene

Dimethylphthalate

3-Nitroanisole

Acenaphthene, C

Acenaphthene, C

Dibenzo(a,h)anthracene

2,3,4,6-Tetrachlorophthalate

4-Nitroanisole

4-Ethoxy-2-methylphenol

4-Bromophenol, S

4-Bromophenyl ether

4-Nitrophenol, S

Atrazine

Phenanthrene-d10, L

Anthracene

Carbazole

Di-n-butylphthalate

Pentachlorophenol, C

Benzidine

Fluoranthene, C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine

2-Ethylhexylphthalate

Di-n-octyl phthalate, c

Benzo(a)pyrene

Benzo(a)anthracene

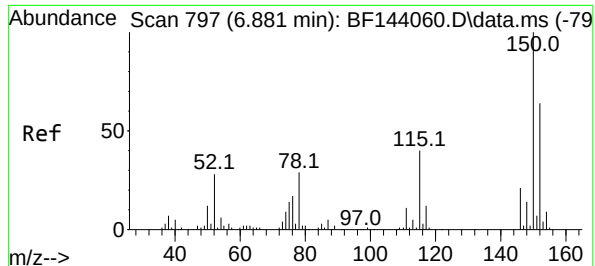
Perylene-d12, I

Benzo(a)pyrene, C

Dibenzo(a,h)anthracene

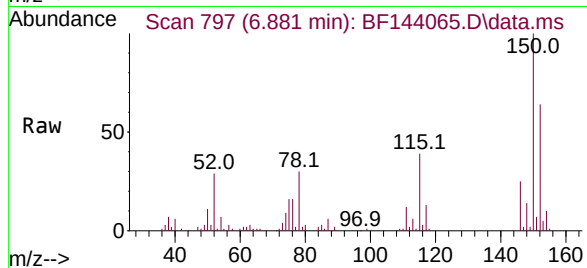
Benzo(g,h,i)perylene

Terphenyl-d14, S

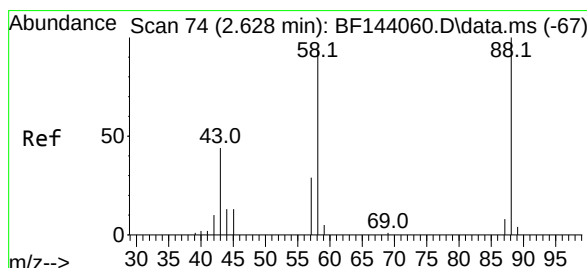
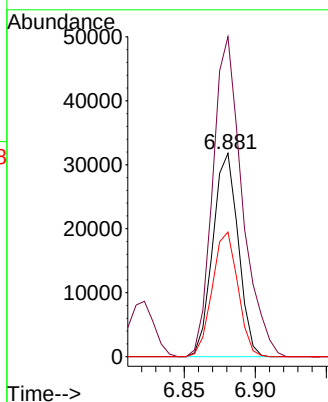
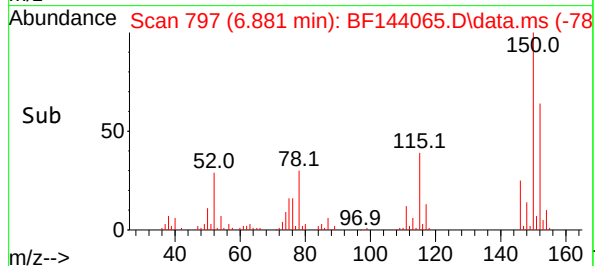


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

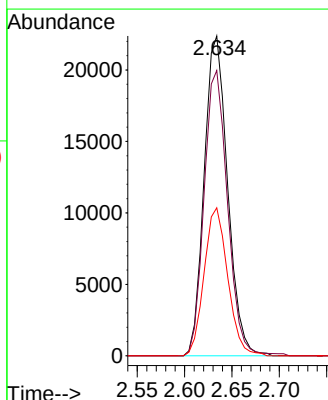
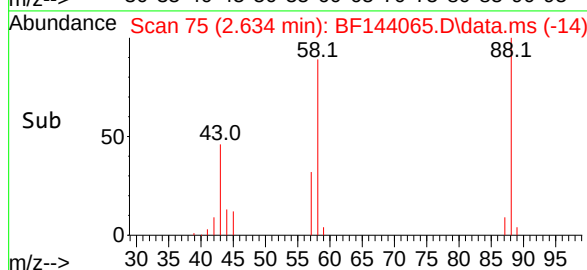
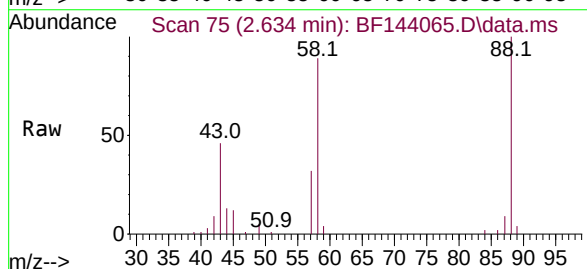


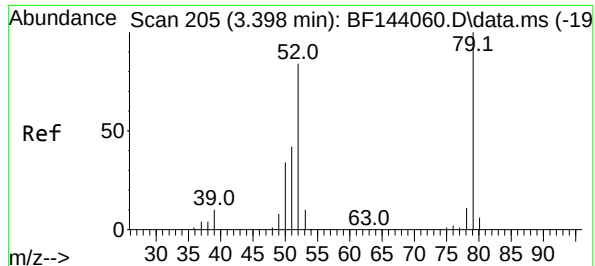
Tgt Ion:152 Resp: 39660
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 61.2 49.4 74.0



#2
1,4-Dioxane
Concen: 35.621 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 88 Resp: 38586
Ion Ratio Lower Upper
88 100
58 89.3 76.5 114.7
43 46.7 35.3 52.9





#3

Pyridine

Concen: 32.576 ng

RT: 3.405 min Scan# 205

Delta R.T. 0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

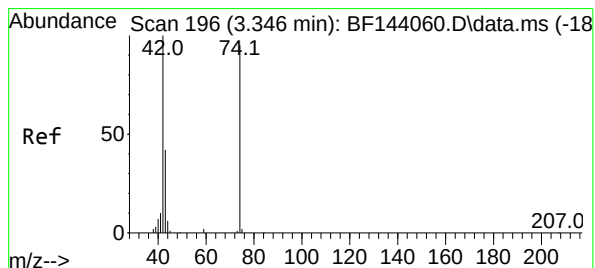
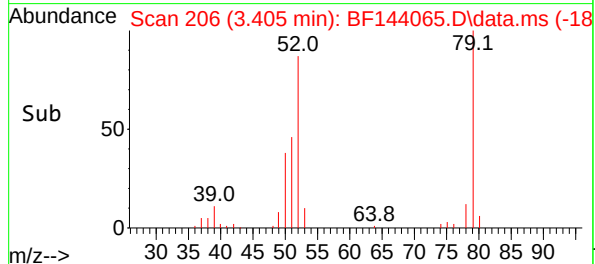
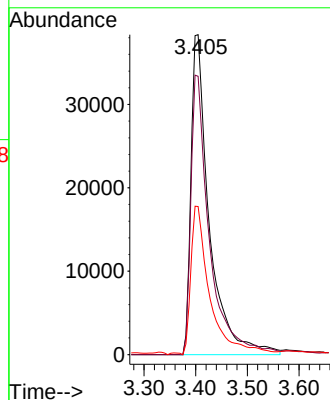
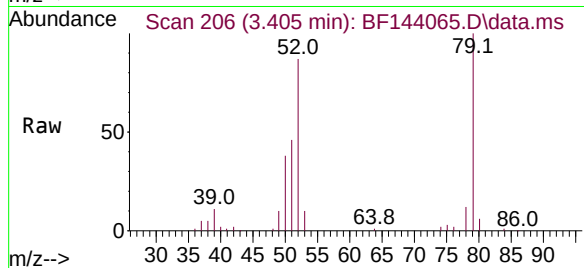
Tgt Ion: 79 Resp: 94470

Ion Ratio Lower Upper

79 100

52 87.0 67.5 101.3

51 46.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 36.893 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

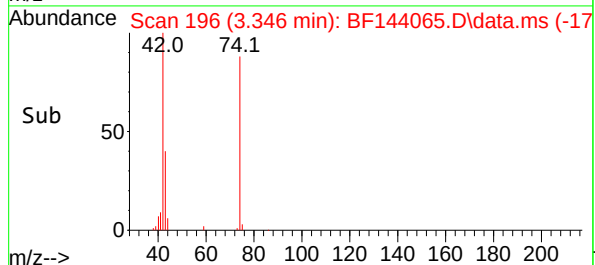
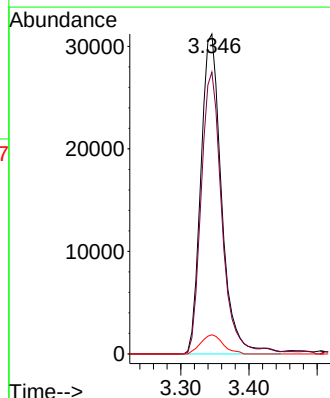
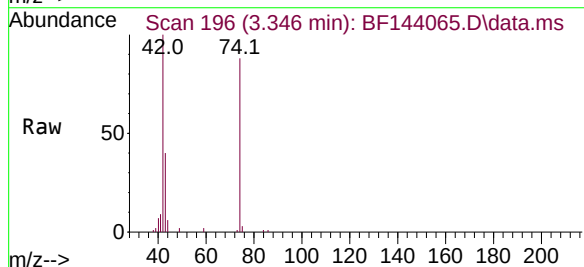
Tgt Ion: 42 Resp: 65742

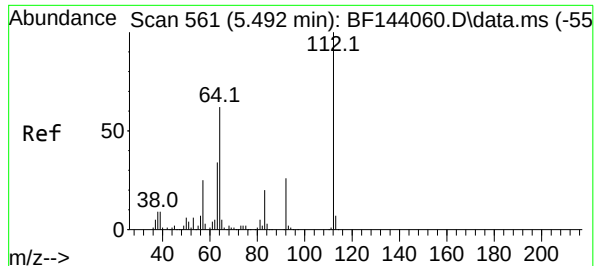
Ion Ratio Lower Upper

42 100

74 88.1 76.4 114.6

44 6.0 5.2 7.8

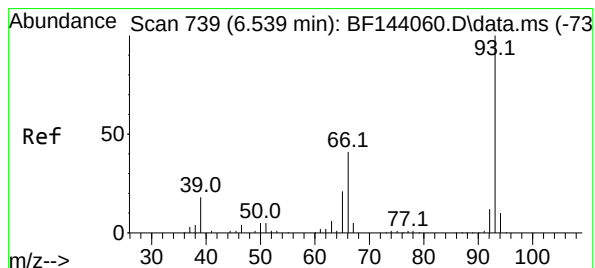
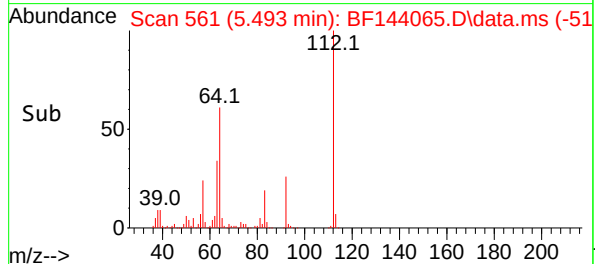
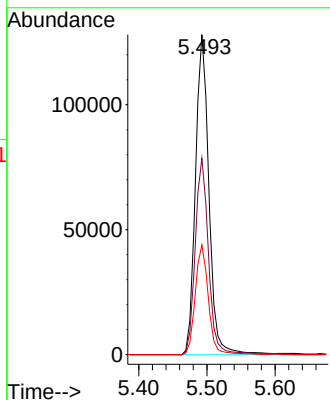
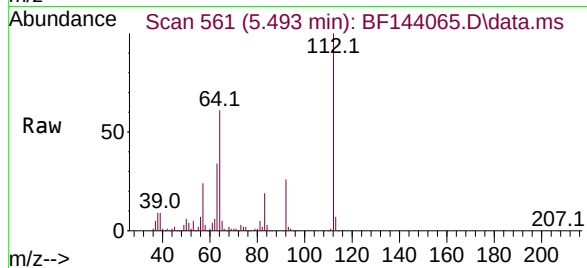




#5
2-Fluorophenol
Concen: 70.283 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

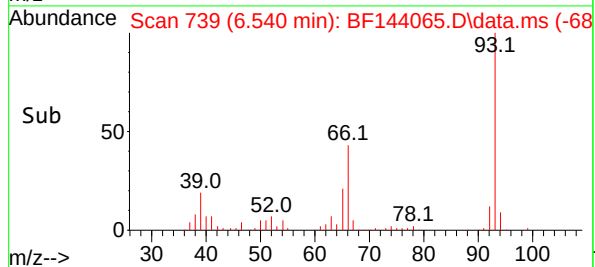
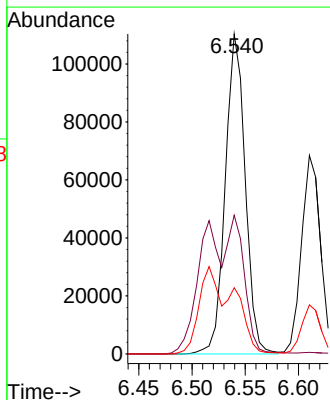
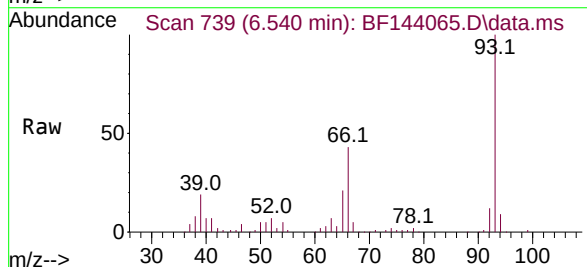
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

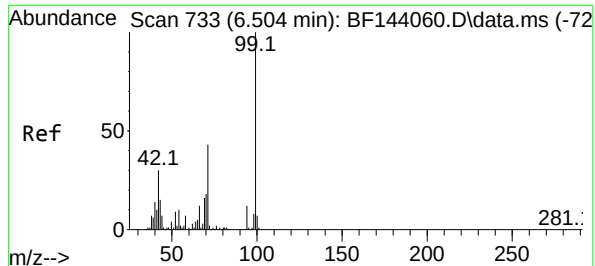
Tgt Ion:112 Resp: 176184
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 36.320 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 93 Resp: 143853
Ion Ratio Lower Upper
93 100
66 43.3 35.7 53.5
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 68.955 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

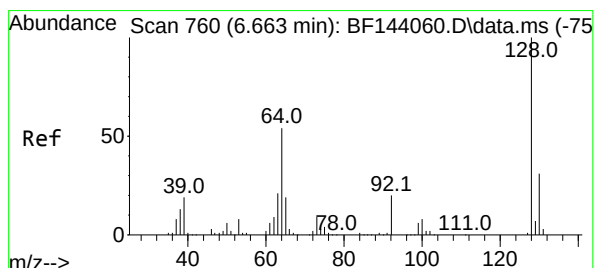
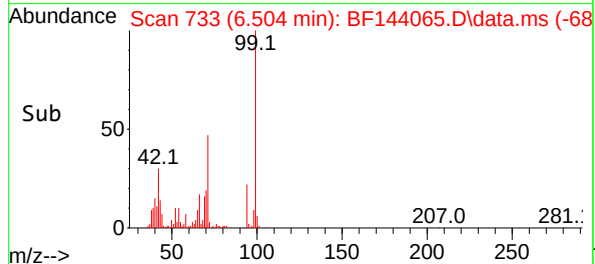
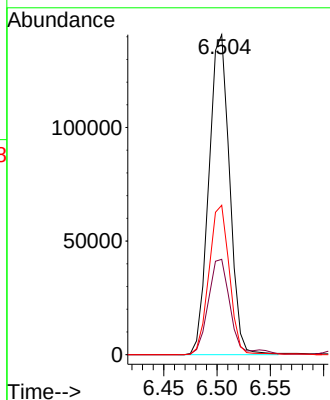
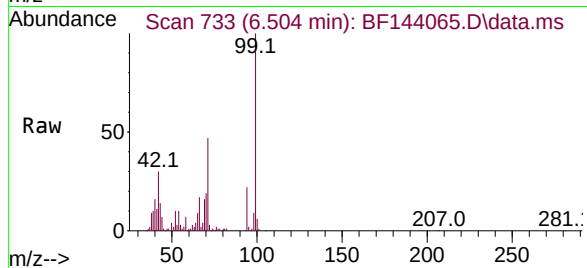
Tgt Ion: 99 Resp: 190899

Ion Ratio Lower Upper

99 100

42 29.8 23.9 35.9

71 46.7 34.4 51.6



#8

2-Chlorophenol

Concen: 33.579 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

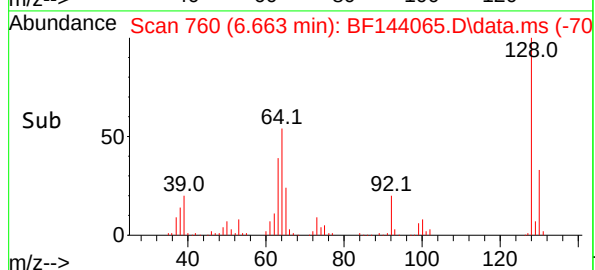
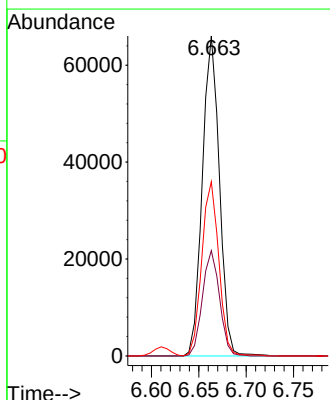
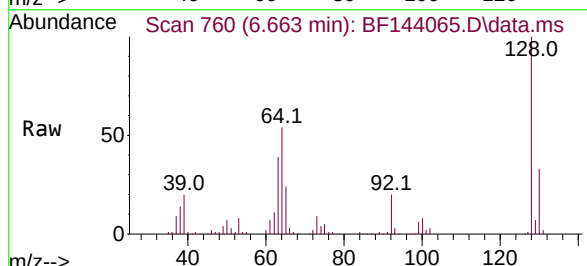
Tgt Ion: 128 Resp: 82897

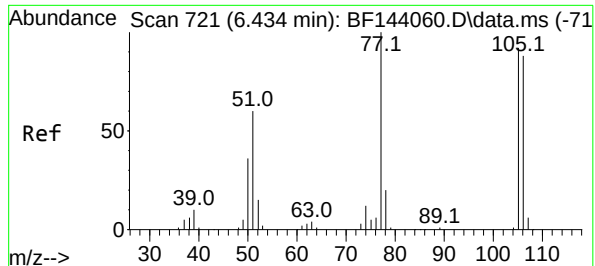
Ion Ratio Lower Upper

128 100

130 32.9 10.7 50.7

64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 34.852 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

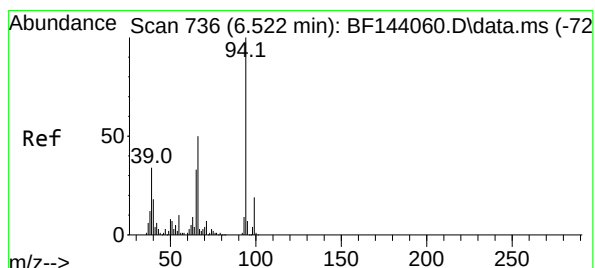
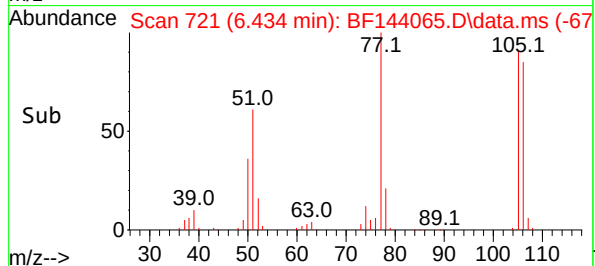
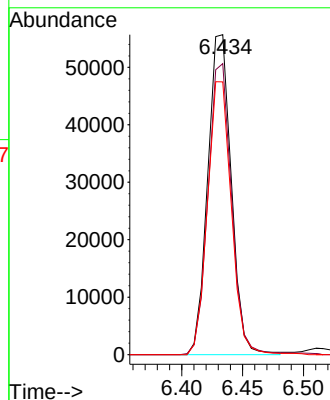
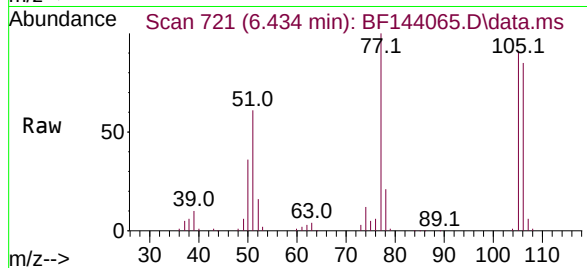
Tgt Ion: 77 Resp: 74914

Ion Ratio Lower Upper

77 100

105 90.9 72.2 112.2

106 85.3 67.9 107.9



#10

Phenol

Concen: 34.853 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

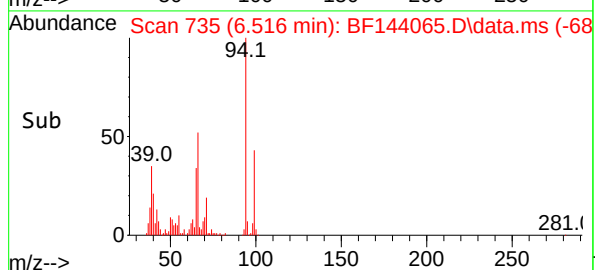
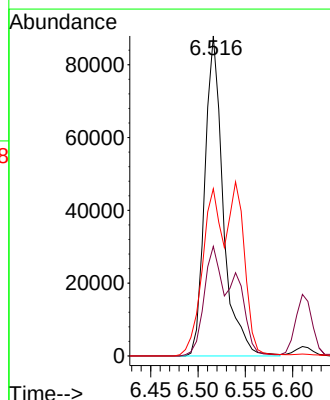
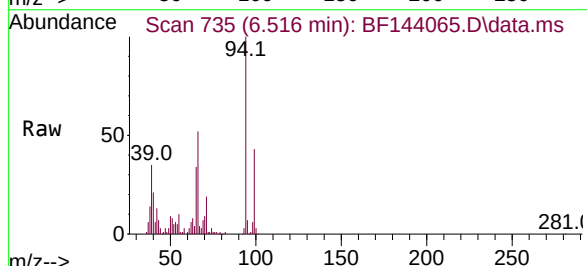
Tgt Ion: 94 Resp: 119040

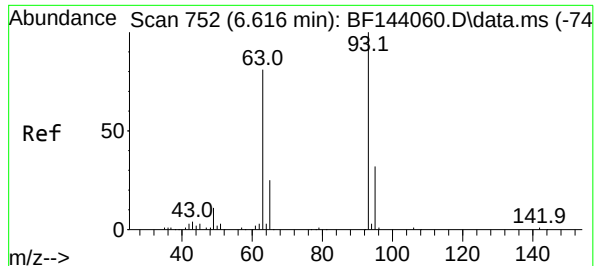
Ion Ratio Lower Upper

94 100

65 34.2 13.1 53.1

66 52.2 30.6 70.6

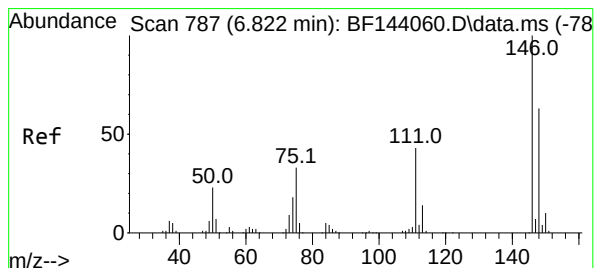
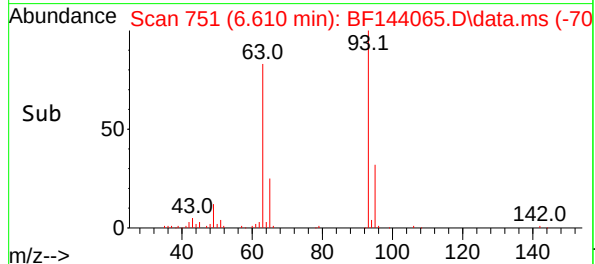
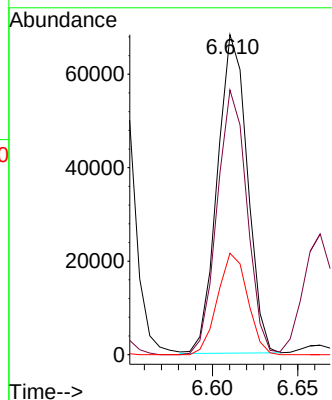
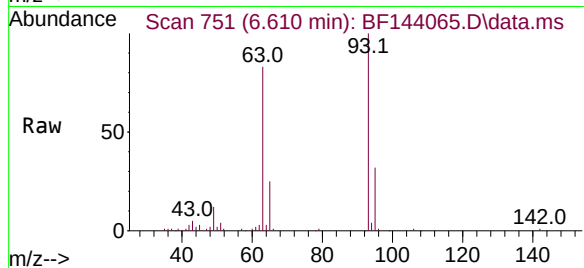




#11
bis(2-Chloroethyl)ether
Concen: 33.851 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

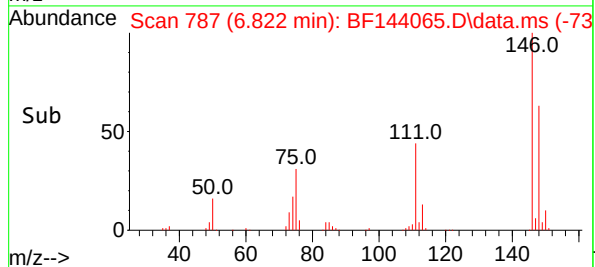
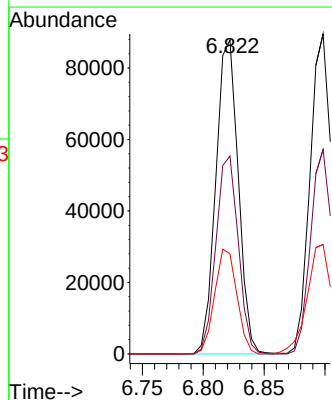
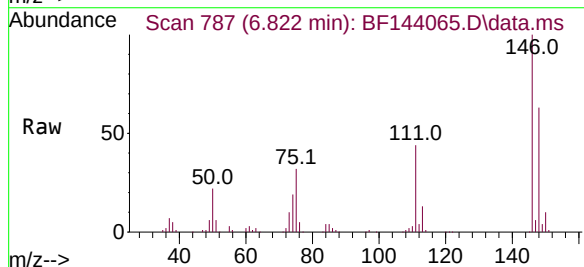
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

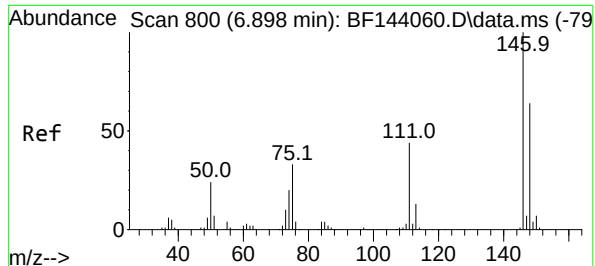
Tgt Ion: 93 Resp: 83544
Ion Ratio Lower Upper
93 100
63 82.7 60.2 100.2
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.971 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 146 Resp: 112585
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 31.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 37.183 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

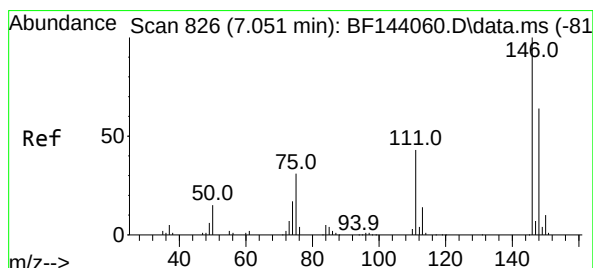
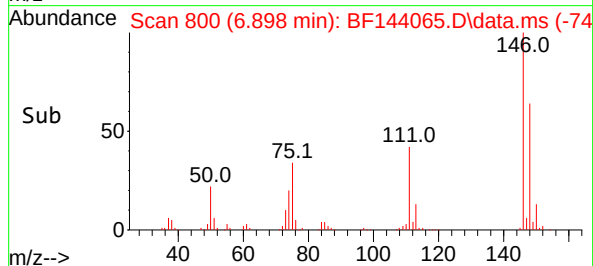
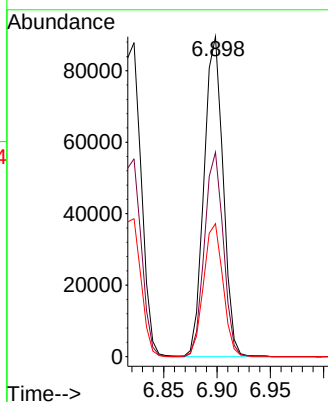
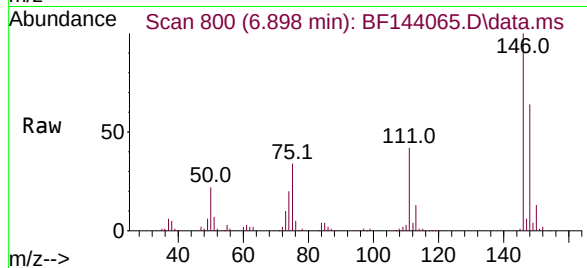
Tgt Ion:146 Resp: 111592

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 41.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 35.872 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

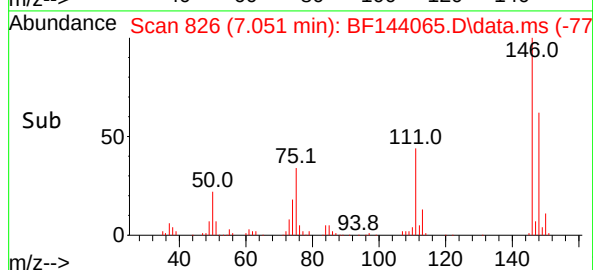
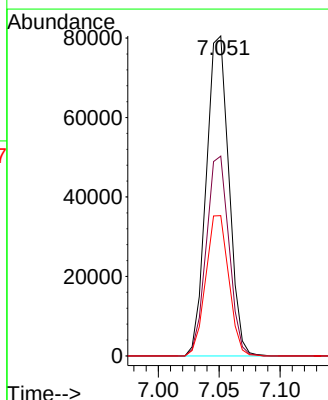
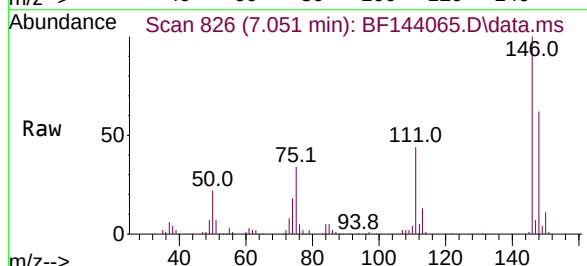
Tgt Ion:146 Resp: 104166

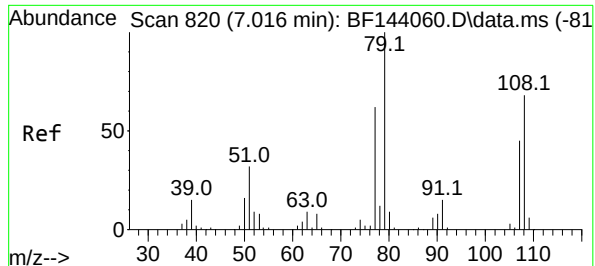
Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

111 43.8 34.7 52.1





#15

Benzyl Alcohol

Concen: 36.330 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

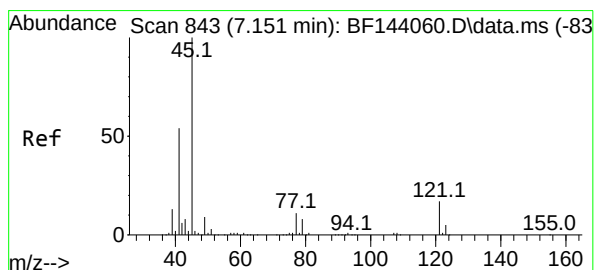
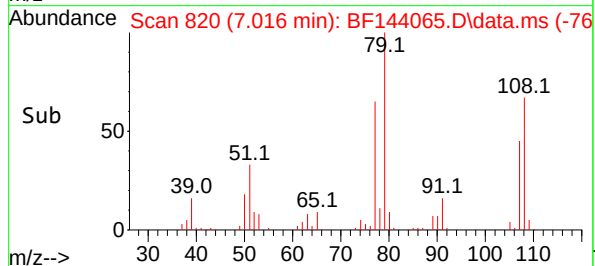
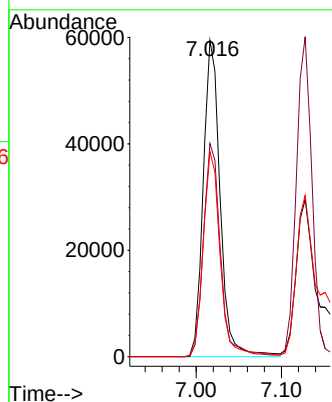
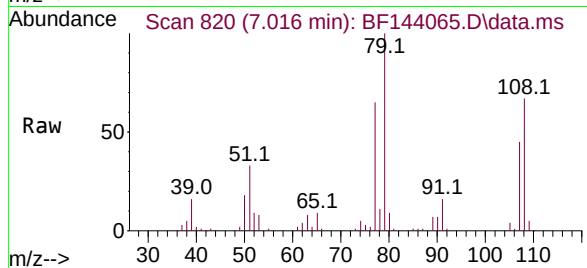
Tgt Ion: 79 Resp: 81782

Ion Ratio Lower Upper

79 100

108 67.4 54.8 82.2

77 64.8 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.517 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

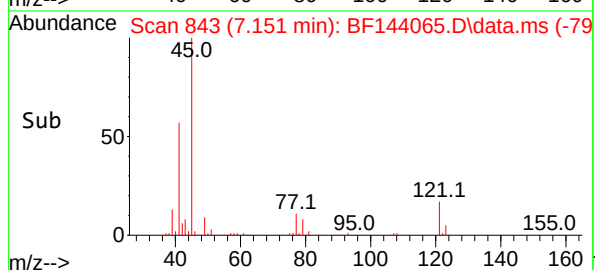
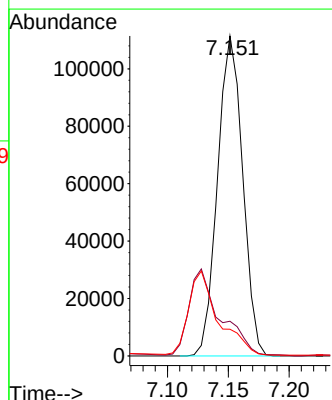
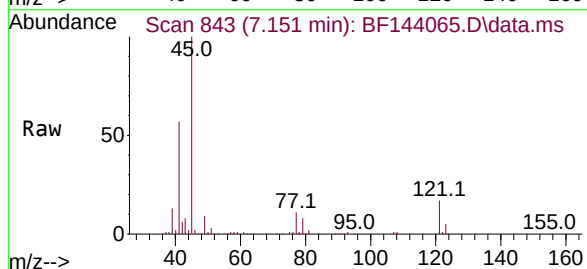
Tgt Ion: 45 Resp: 160104

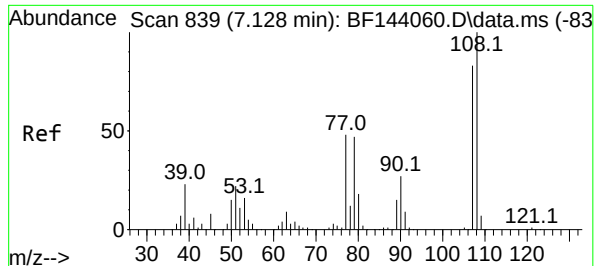
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.9

79 8.3 0.0 28.2

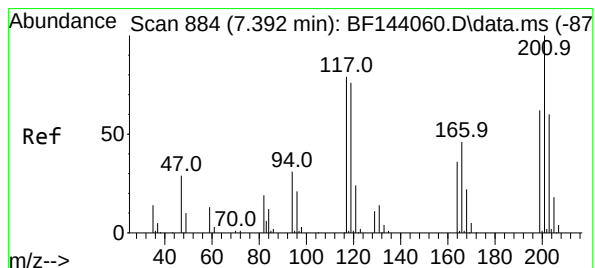
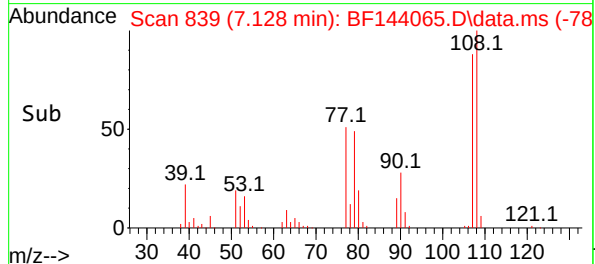
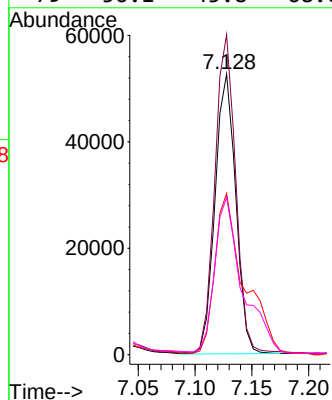
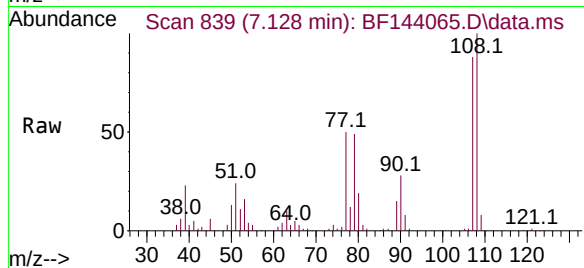




#17
2-Methylphenol
Concen: 35.152 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

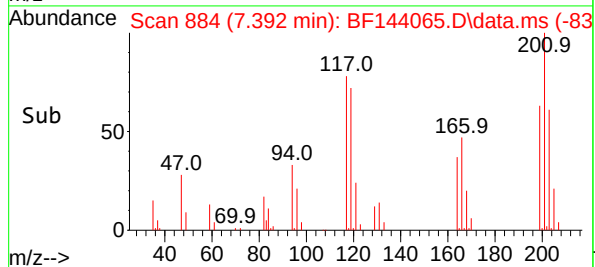
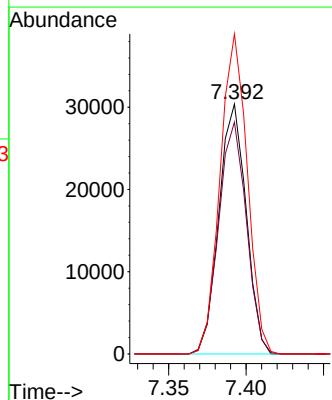
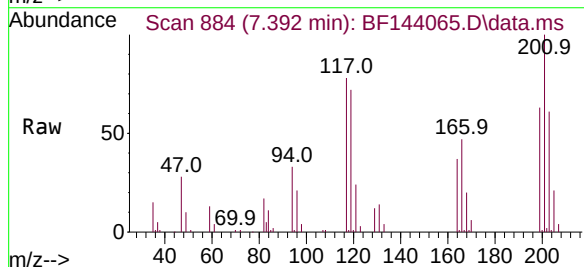
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

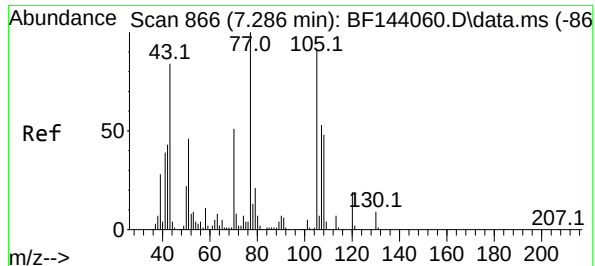
Tgt Ion:	107	Resp:	66743
Ion	Ratio	Lower	Upper
107	100		
108	114.1	96.4	144.6
77	57.5	46.8	70.2
79	56.1	45.8	68.6



#18
Hexachloroethane
Concen: 34.696 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	117	Resp:	37228
Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.6	115.0
201	128.1	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 35.002 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion: 70 Resp: 62662

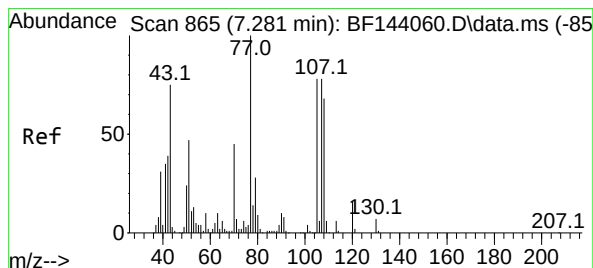
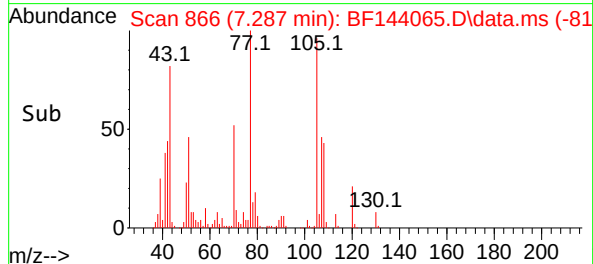
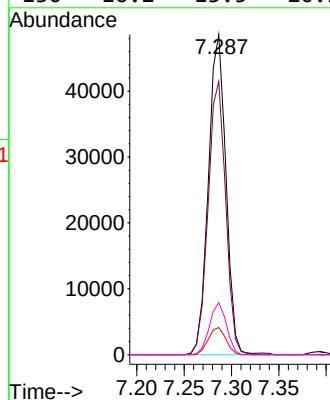
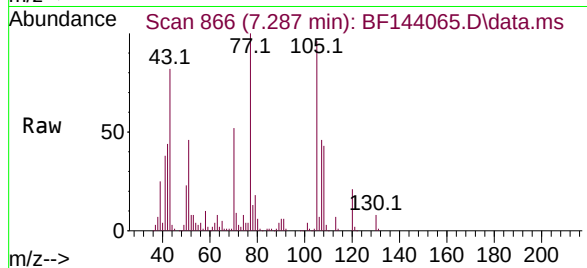
Ion Ratio Lower Upper

70 100

42 85.3 67.4 101.0

101 8.5 7.1 10.7

130 16.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 36.095 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion: 107 Resp: 81018

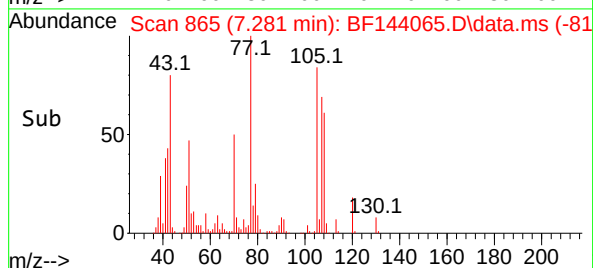
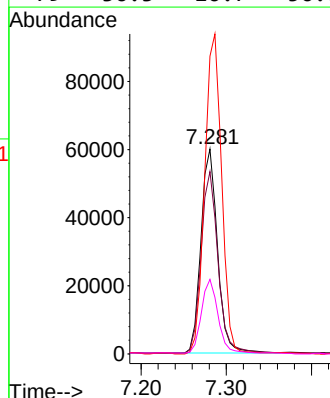
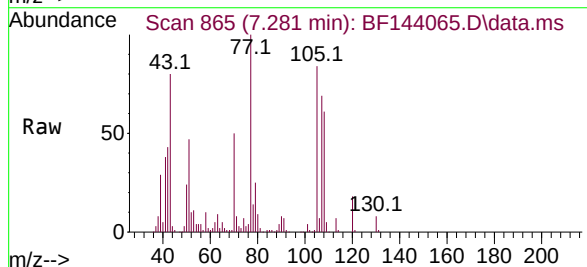
Ion Ratio Lower Upper

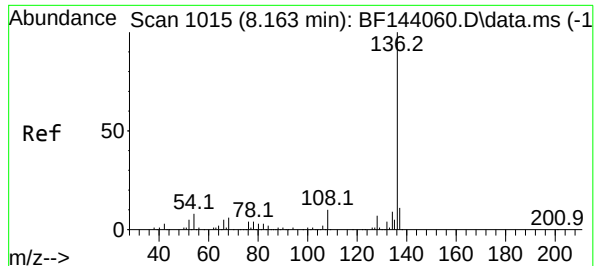
107 100

108 88.9 68.0 108.0

77 145.2 108.7 148.7

79 36.3 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:136 Resp: 138565

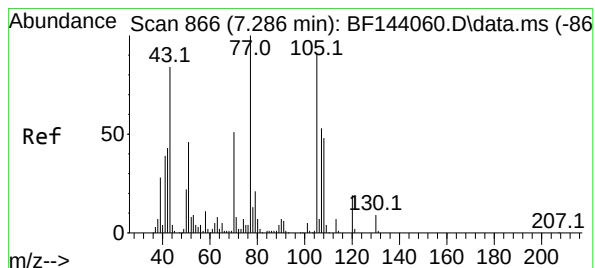
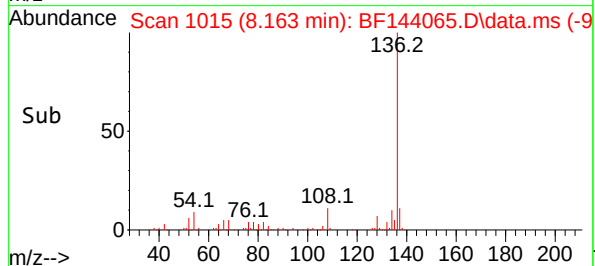
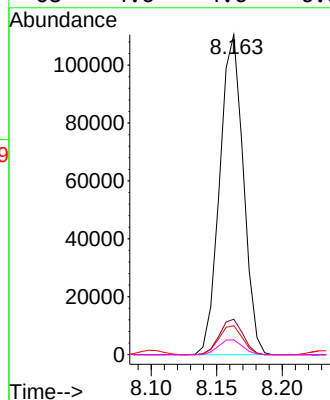
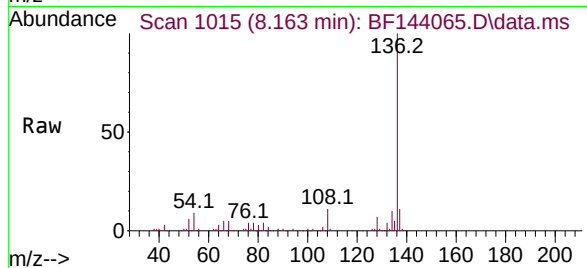
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.0 6.6 9.8

68 4.6 4.6 6.8



#22

Acetophenone

Concen: 38.453 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:105 Resp: 115151

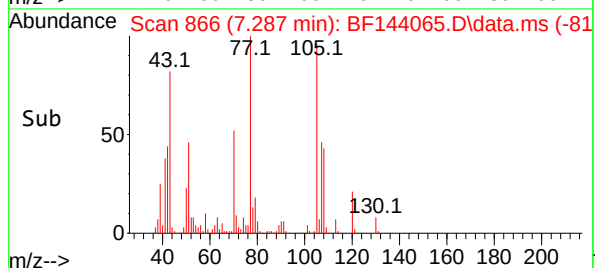
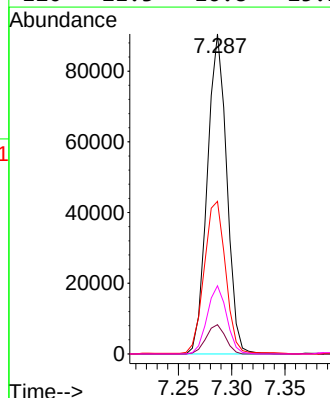
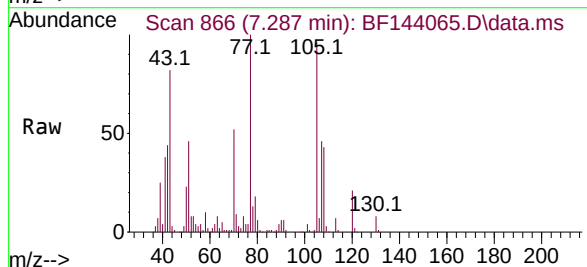
Ion Ratio Lower Upper

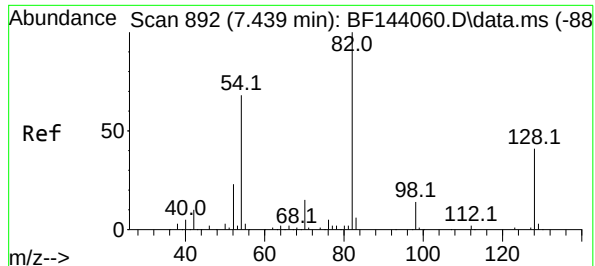
105 100

71 9.1 6.9 10.3

51 47.7 40.6 60.8

120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 70.696 ng

RT: 7.440 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

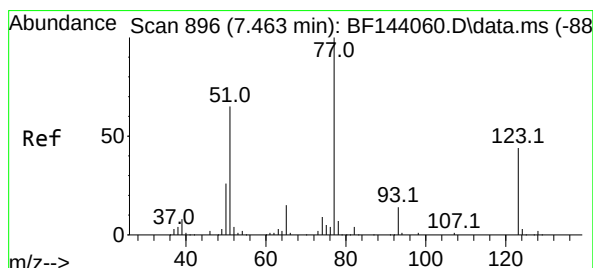
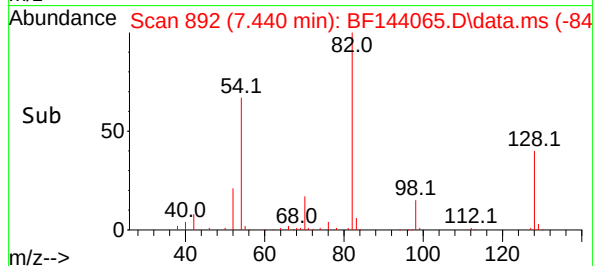
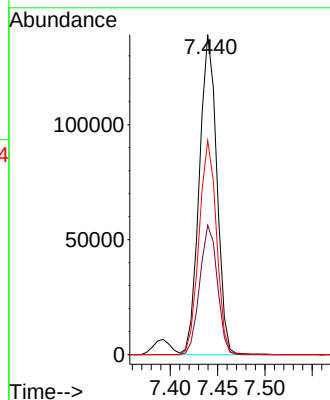
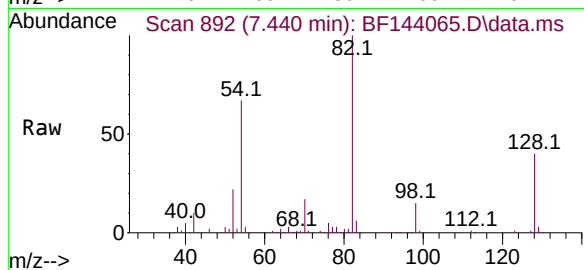
Tgt Ion: 82 Resp: 178800

Ion Ratio Lower Upper

82 100

128 40.4 32.4 48.6

54 66.9 54.0 81.0



#24

Nitrobenzene

Concen: 36.753 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

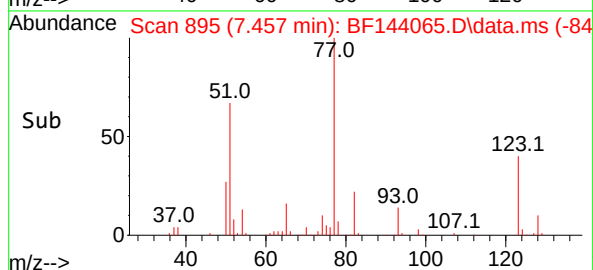
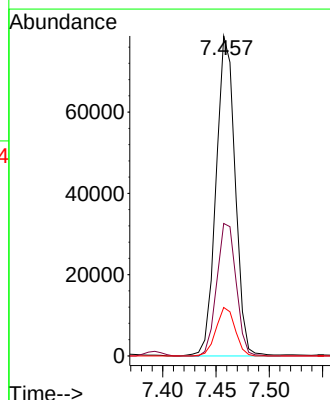
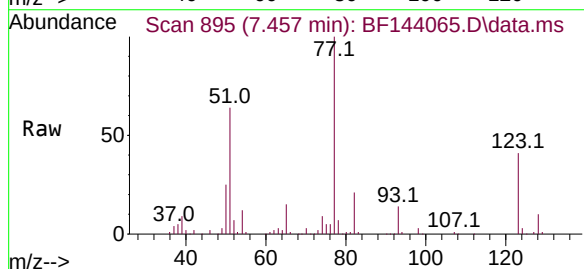
Tgt Ion: 77 Resp: 98332

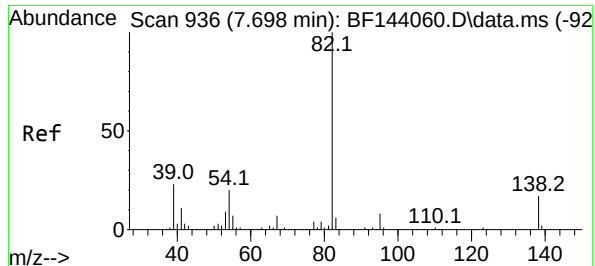
Ion Ratio Lower Upper

77 100

123 41.4 35.0 52.6

65 15.1 12.2 18.2

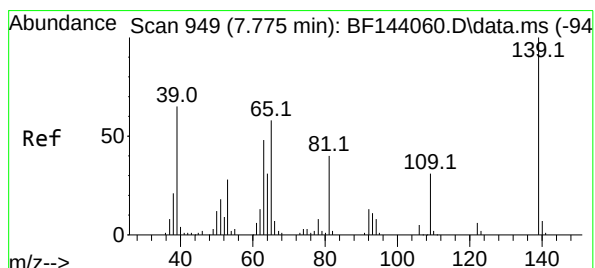
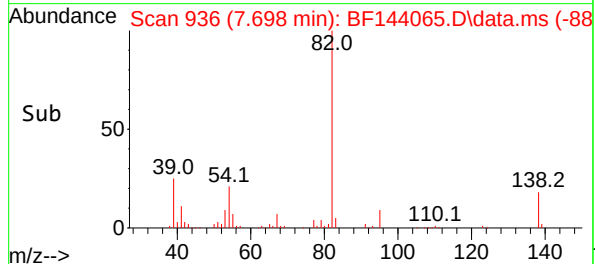
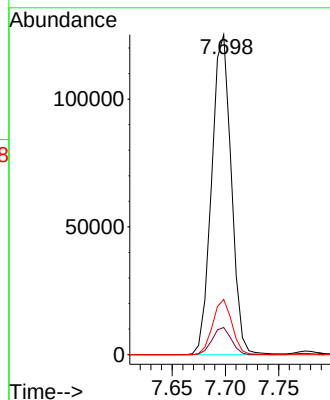
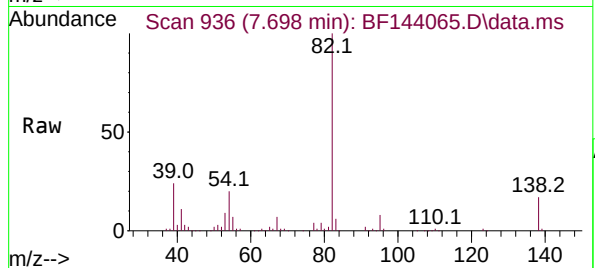




#25
Isophorone
Concen: 36.322 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

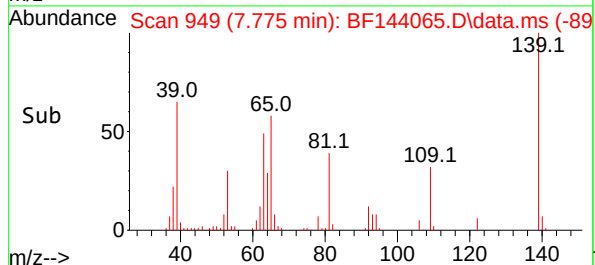
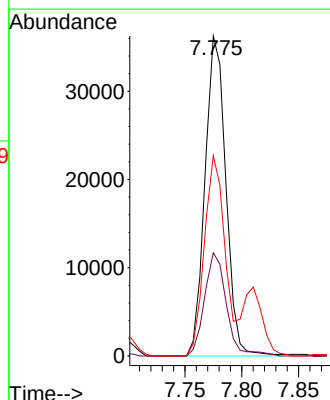
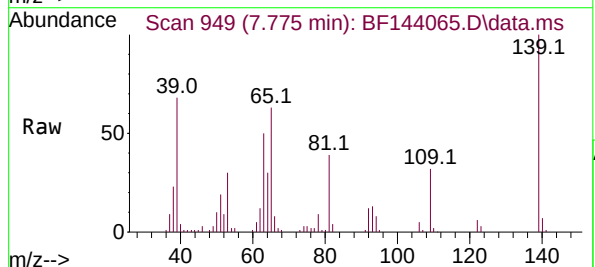
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

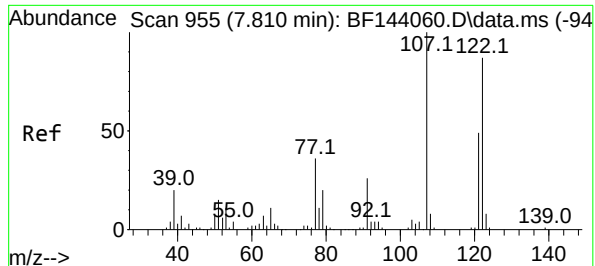
Tgt Ion: 82 Resp: 160608
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 17.2 13.8 20.8



#26
2-Nitrophenol
Concen: 36.360 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 139 Resp: 46278
Ion Ratio Lower Upper
139 100
109 32.2 24.6 37.0
65 62.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 39.405 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

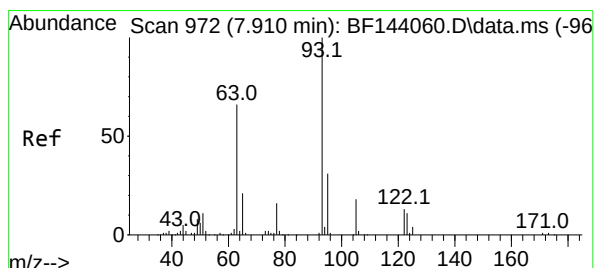
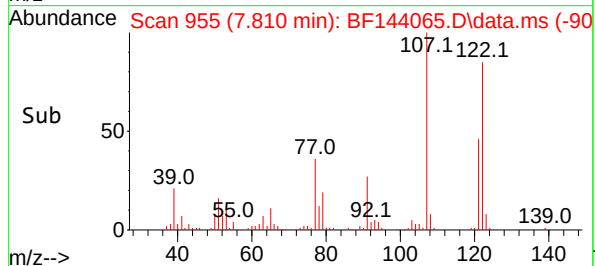
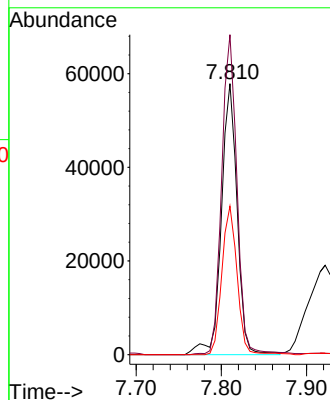
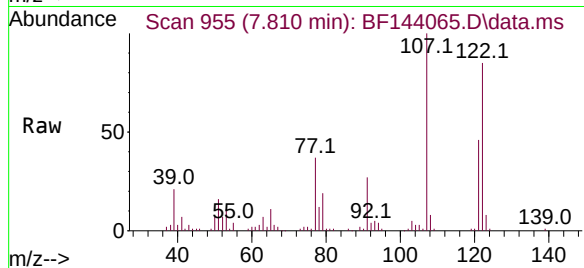
Tgt Ion:122 Resp: 74530

Ion Ratio Lower Upper

122 100

107 118.1 91.8 137.8

121 54.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.182 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

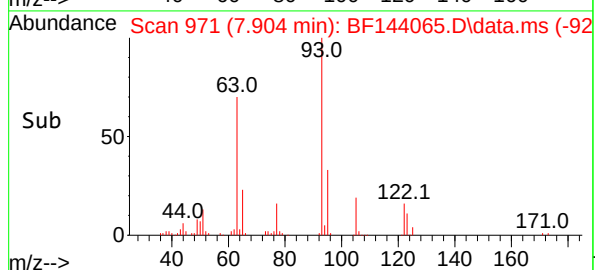
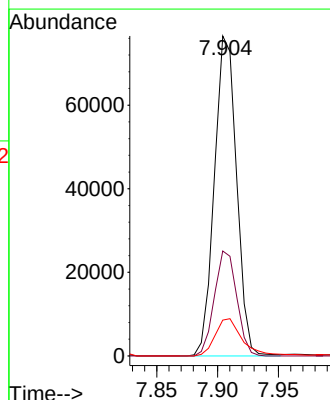
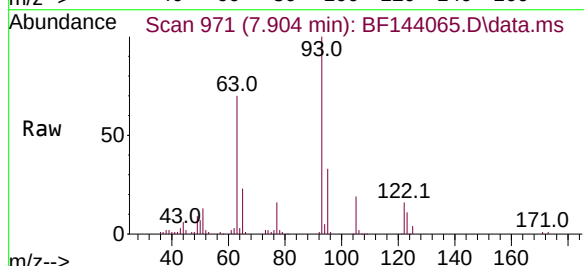
Tgt Ion: 93 Resp: 97014

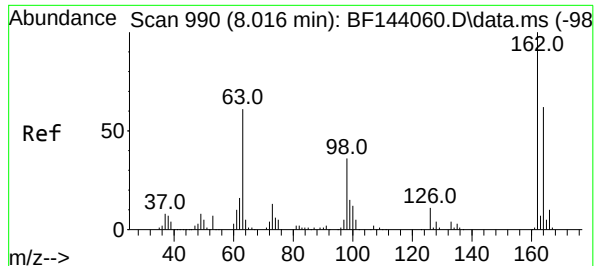
Ion Ratio Lower Upper

93 100

95 32.8 24.6 36.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.901 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

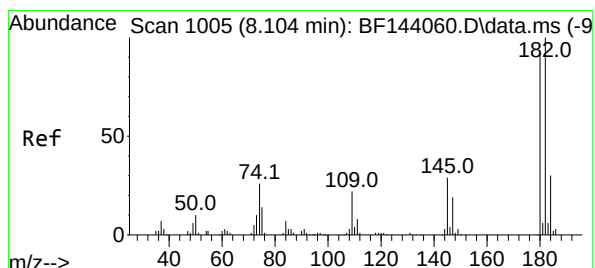
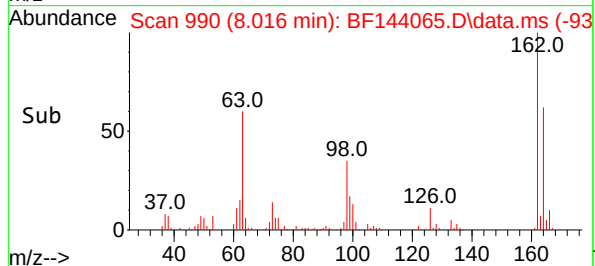
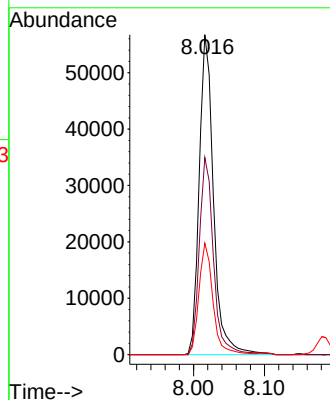
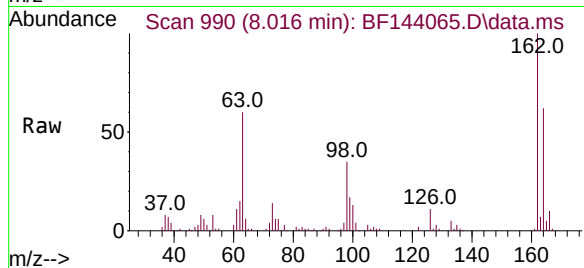
Tgt Ion:162 Resp: 78967

Ion Ratio Lower Upper

162 100

164 61.6 42.1 82.1

98 34.8 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 38.739 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

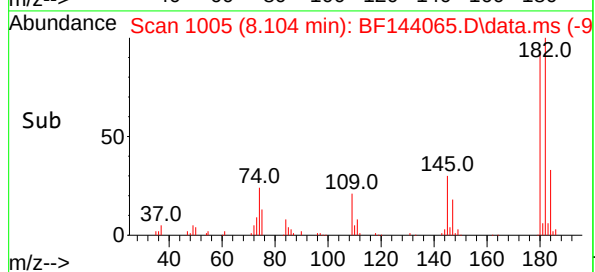
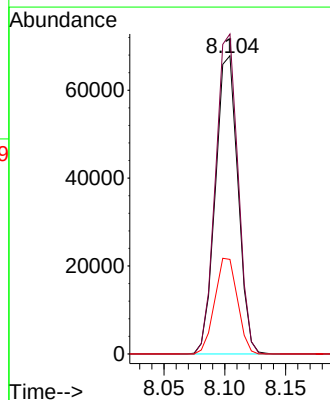
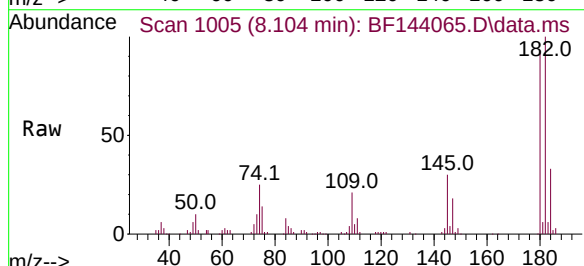
Tgt Ion:180 Resp: 87660

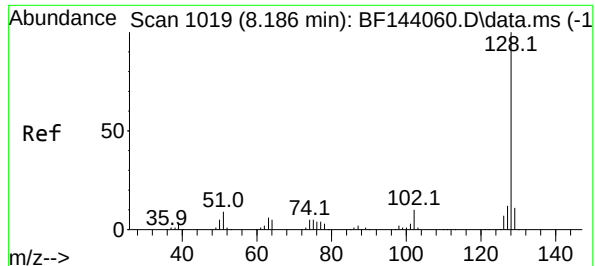
Ion Ratio Lower Upper

180 100

182 107.3 87.1 130.7

145 31.7 25.3 37.9

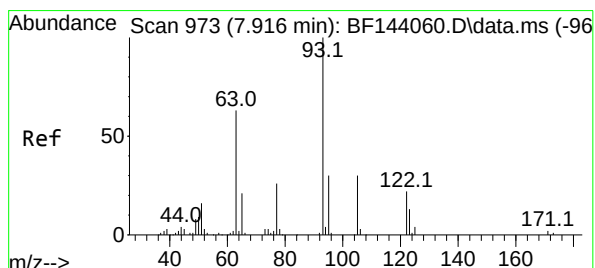
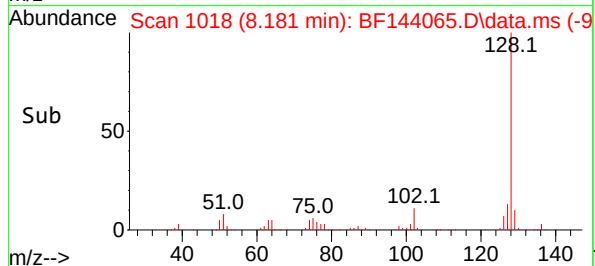
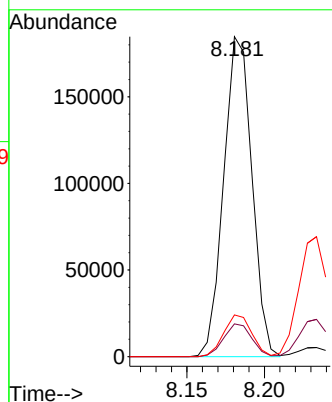
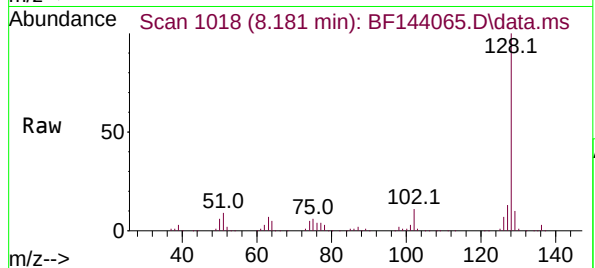




#31
Naphthalene
Concen: 35.834 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

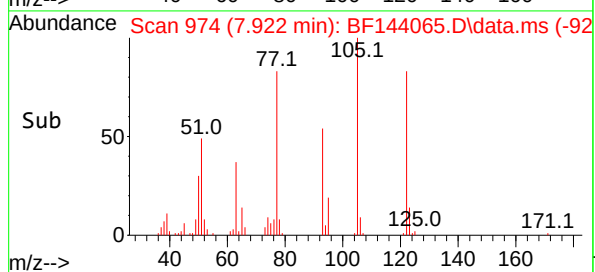
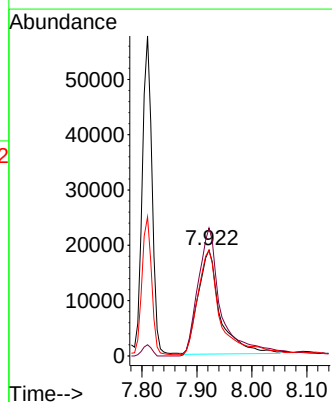
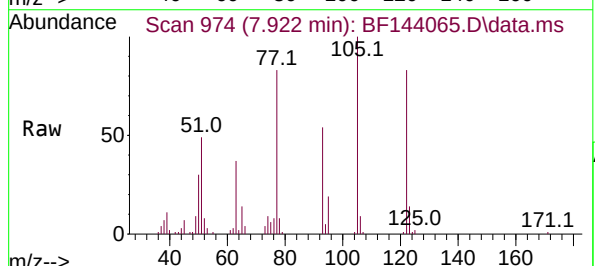
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

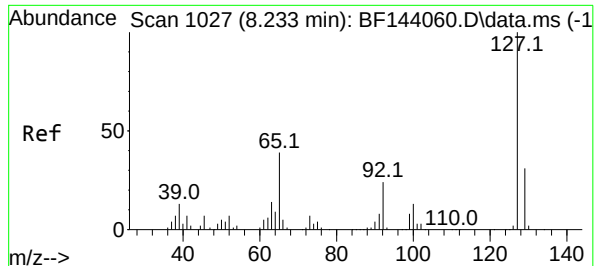
Tgt Ion:128 Resp: 234353
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 44.054 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:122 Resp: 52854
Ion Ratio Lower Upper
122 100
105 121.1 111.3 151.3
77 100.0 96.7 136.7

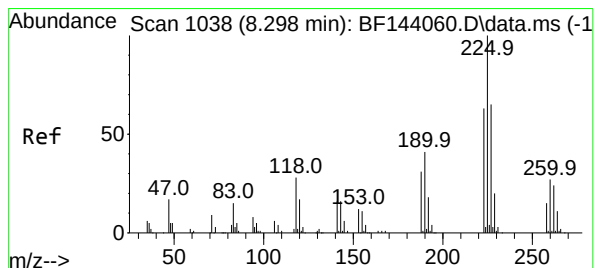
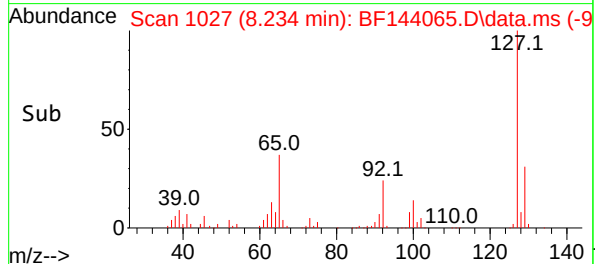
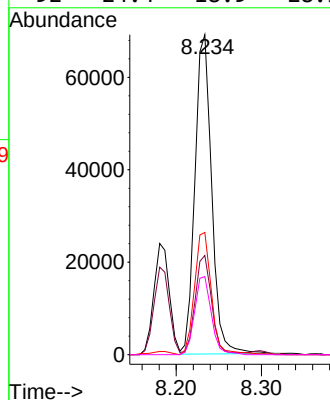
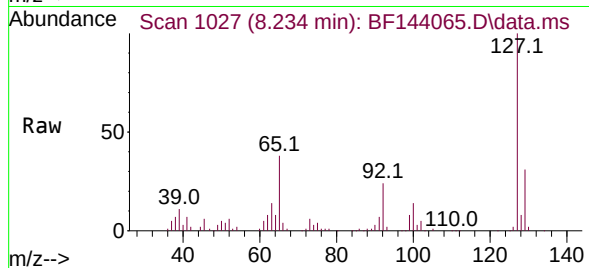




#33
4-Chloroaniline
Concen: 41.428 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

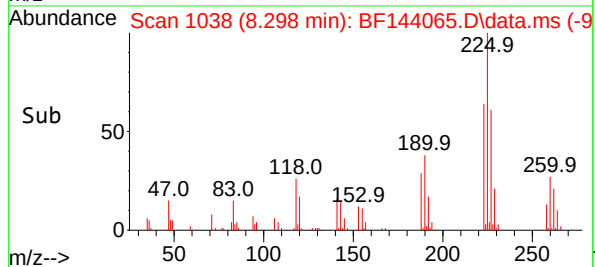
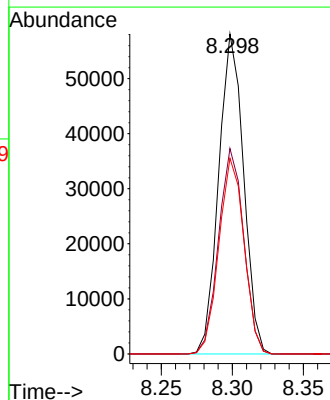
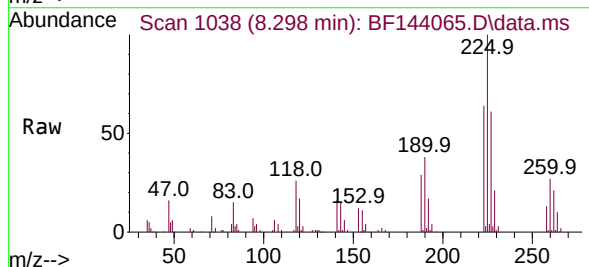
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

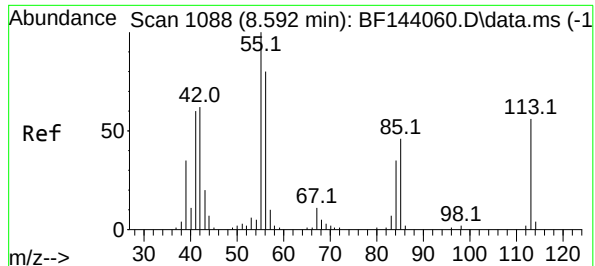
Tgt Ion:127	Resp:	94319
Ion	Ratio	Lower Upper
127	100	
129	31.0	25.6 38.4
65	38.2	30.9 46.3
92	24.4	18.9 28.3



#34
Hexachlorobutadiene
Concen: 38.260 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:225	Resp:	70793
Ion	Ratio	Lower Upper
225	100	
223	64.2	50.6 76.0
227	61.1	51.8 77.8





#35

Caprolactam

Concen: 35.331 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

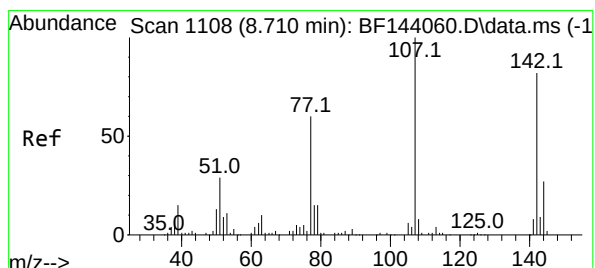
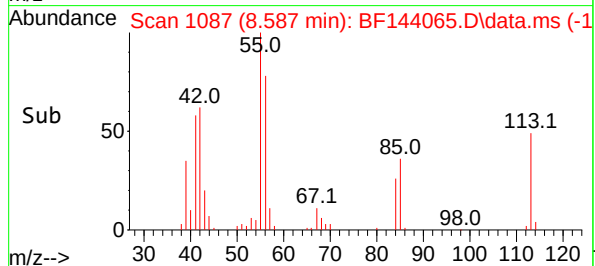
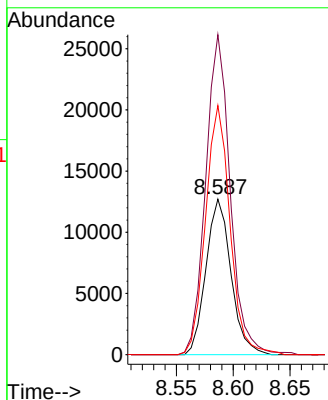
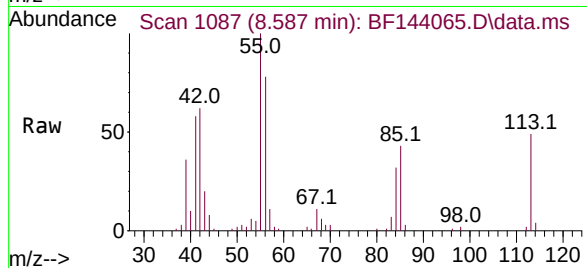
Tgt Ion:113 Resp: 19488

Ion Ratio Lower Upper

113 100

55 205.9 160.1 200.1#

56 160.2 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 36.112 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

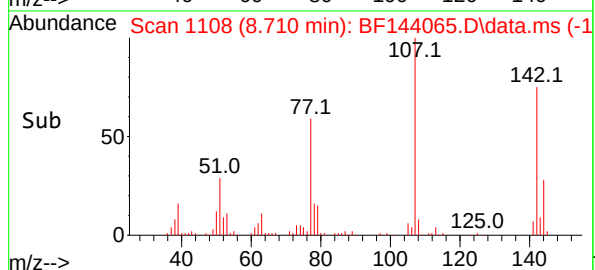
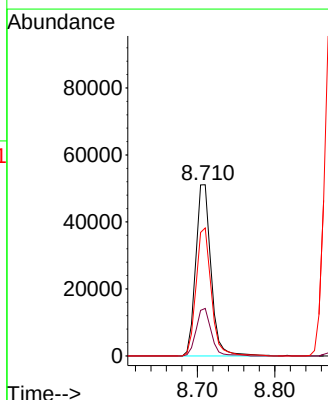
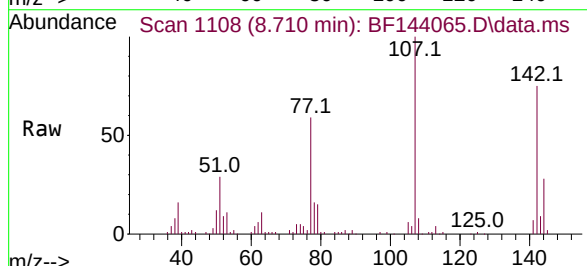
Tgt Ion:107 Resp: 70096

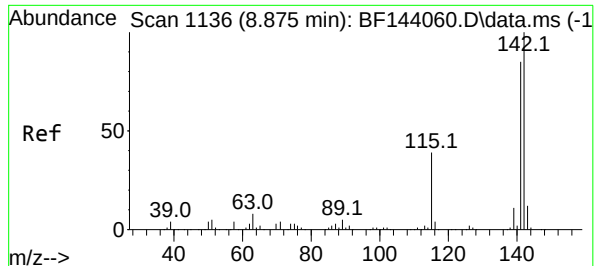
Ion Ratio Lower Upper

107 100

144 27.7 21.6 32.4

142 74.8 65.4 98.0





#37

2-Methylnaphthalene

Concen: 33.233 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

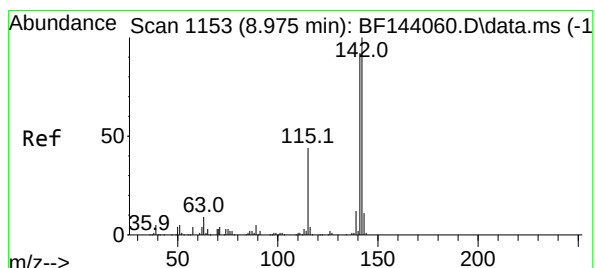
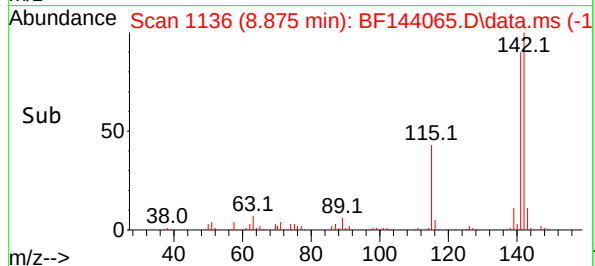
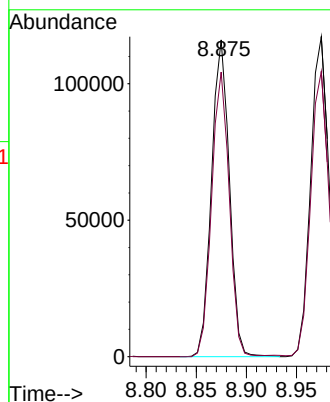
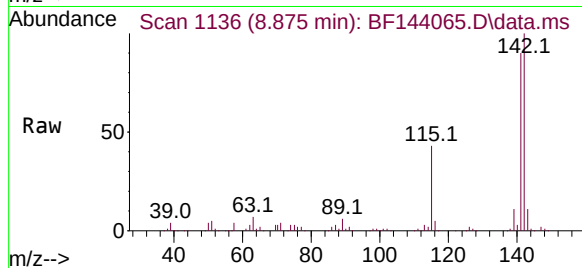
ICVBF102425

Tgt Ion:142 Resp: 143296

Ion Ratio Lower Upper

142 100

141 89.8 67.6 101.4



#38

1-Methylnaphthalene

Concen: 35.945 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144065.D

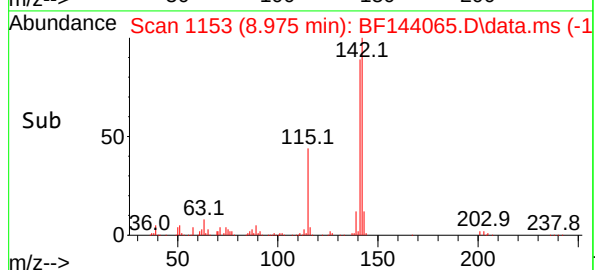
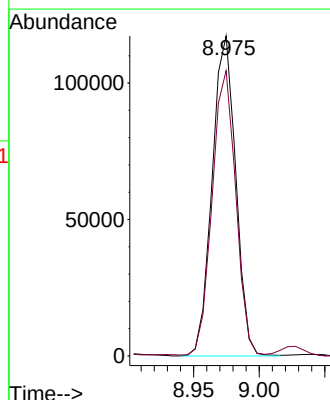
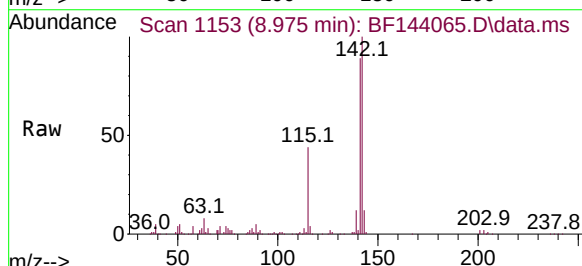
Acq: 24 Oct 2025 17:22

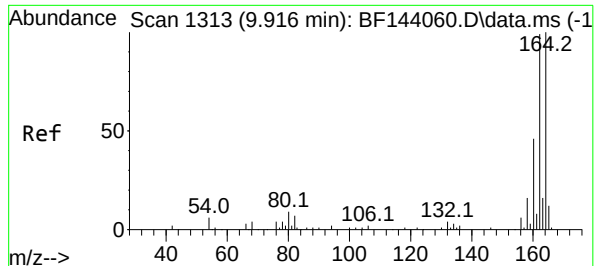
Tgt Ion:142 Resp: 146838

Ion Ratio Lower Upper

142 100

141 89.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144065.D

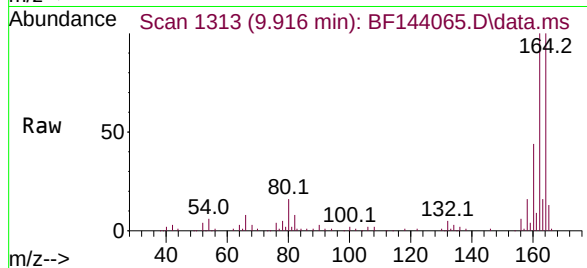
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



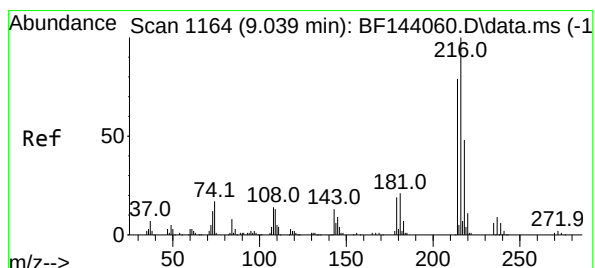
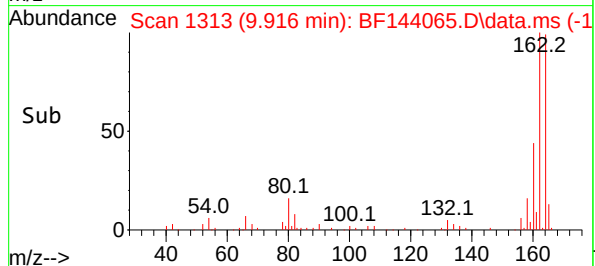
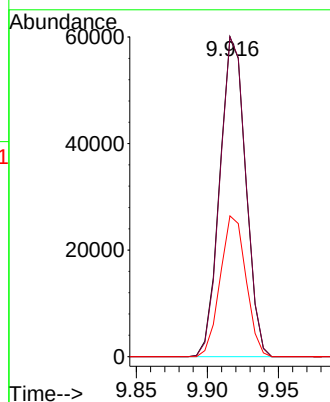
Tgt Ion:164 Resp: 76145

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.2

160 44.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.121 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:216 Resp: 91910

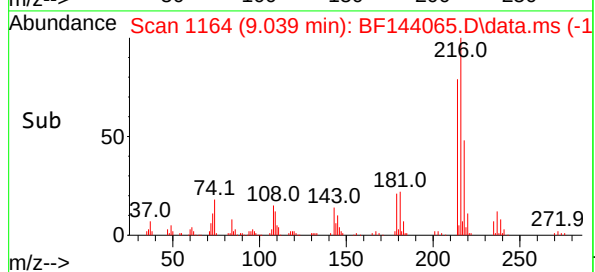
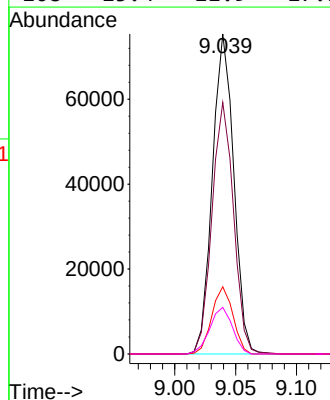
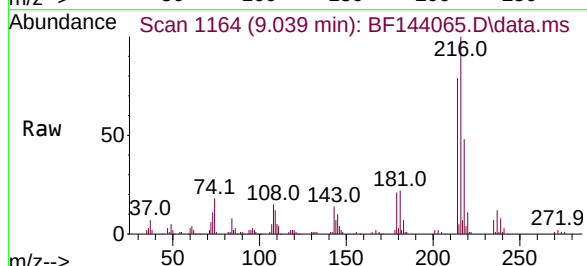
Ion Ratio Lower Upper

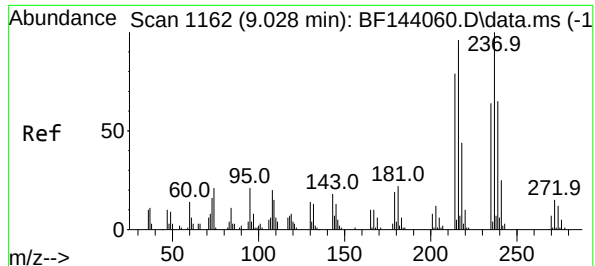
216 100

214 79.3 63.2 94.8

179 20.8 15.2 22.8

108 15.4 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 48.585 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

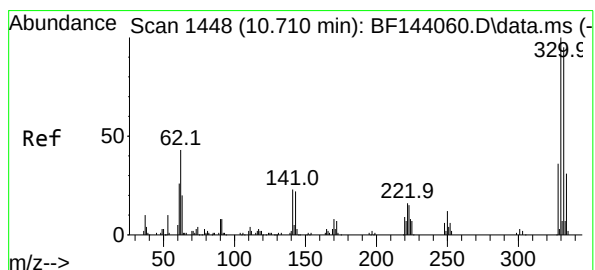
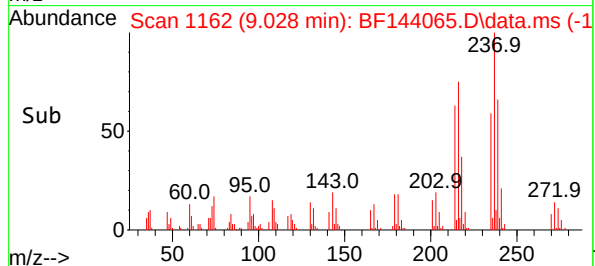
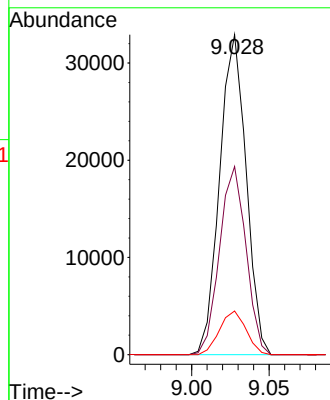
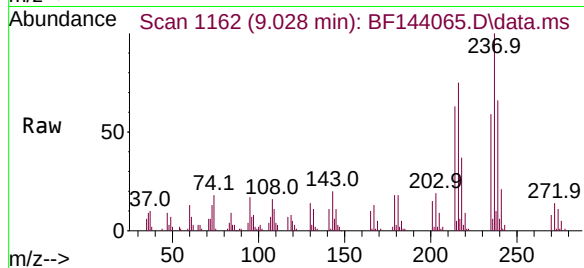
Tgt Ion:237 Resp: 39270

Ion Ratio Lower Upper

237 100

235 58.8 44.3 84.3

272 13.6 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 68.551 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

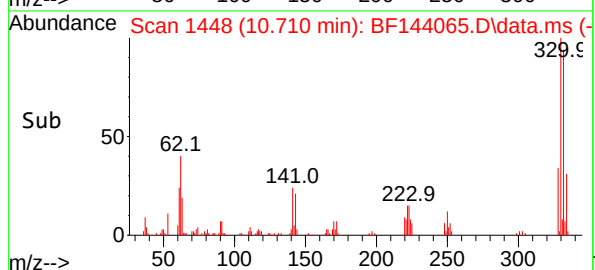
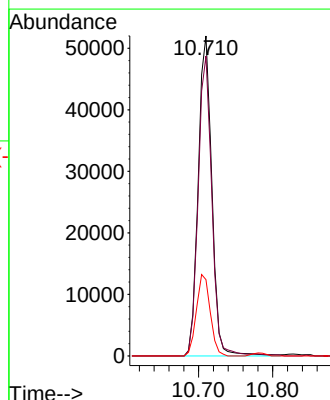
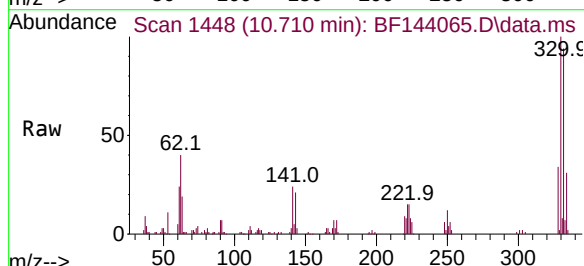
Tgt Ion:330 Resp: 66490

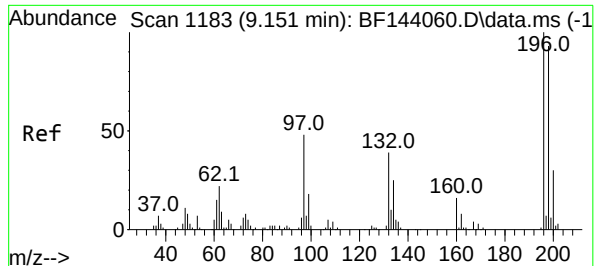
Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

141 25.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 33.986 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144065.D

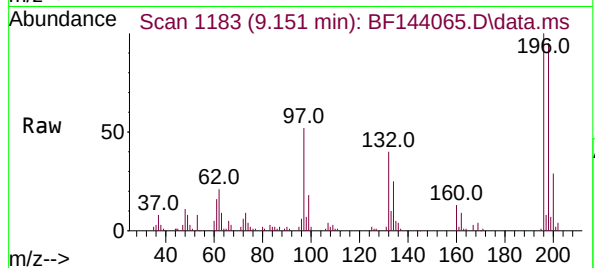
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



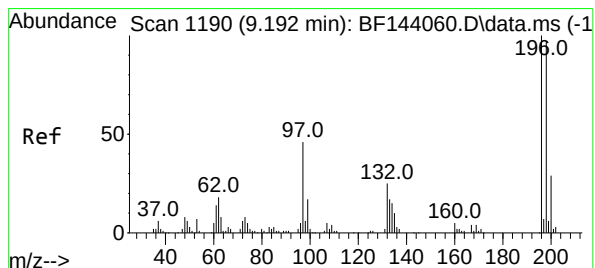
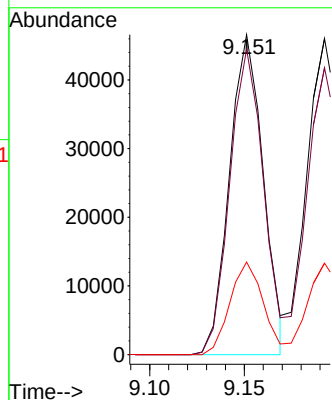
Tgt Ion:196 Resp: 57810

Ion Ratio Lower Upper

196 100

198 95.5 74.4 111.6

200 28.9 23.8 35.8



#44

2,4,5-Trichlorophenol

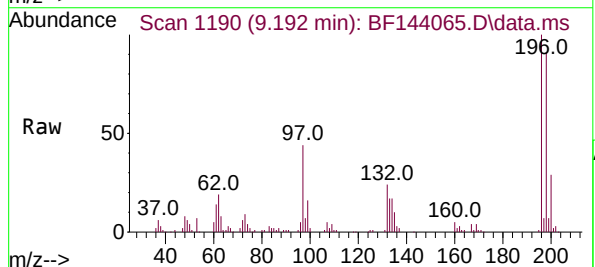
Concen: 36.018 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22



Tgt Ion:196 Resp: 64300

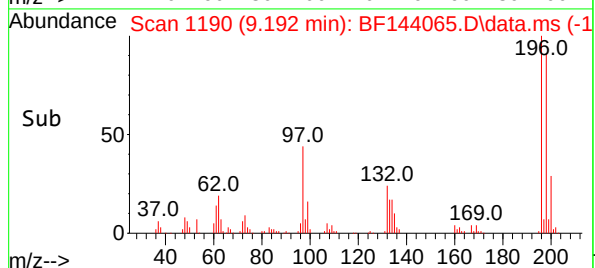
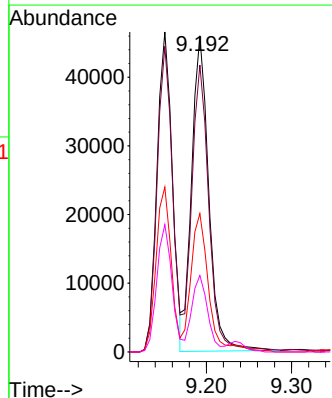
Ion Ratio Lower Upper

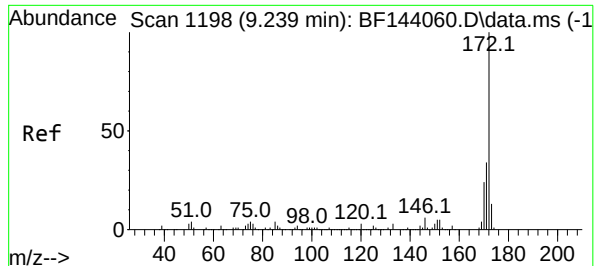
196 100

198 90.7 78.0 117.0

97 43.7 37.7 56.5

132 24.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 67.717 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

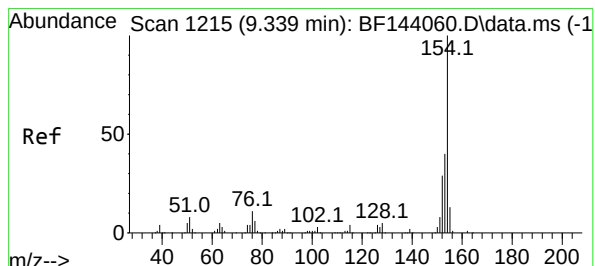
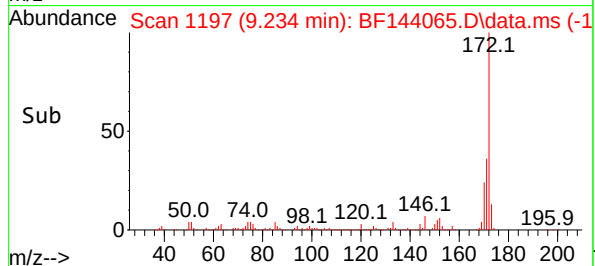
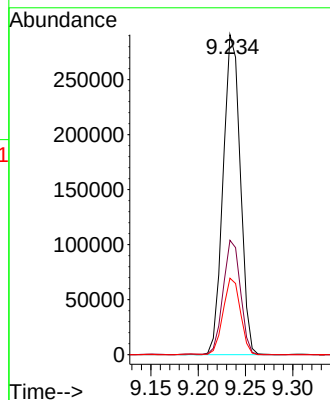
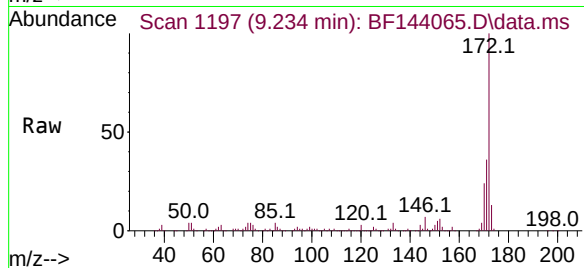
Tgt Ion:172 Resp: 366420

Ion Ratio Lower Upper

172 100

171 35.7 27.5 41.3

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 35.345 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

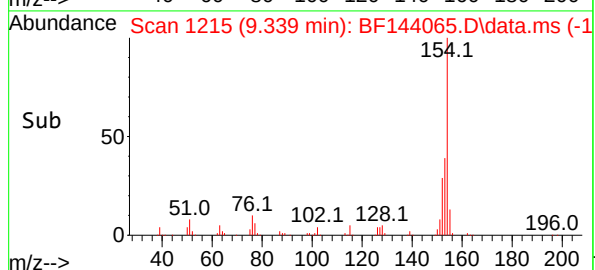
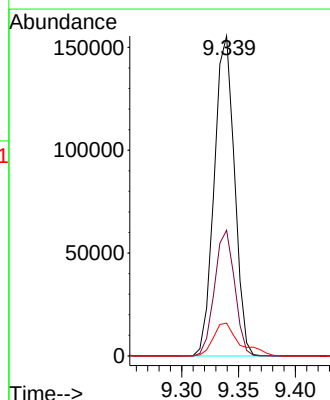
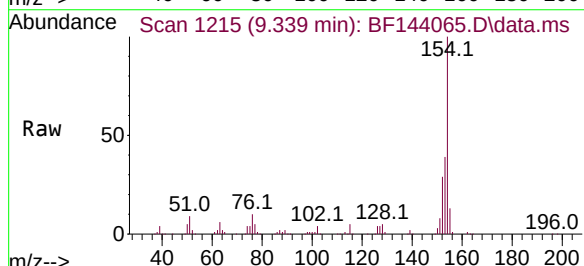
Tgt Ion:154 Resp: 192660

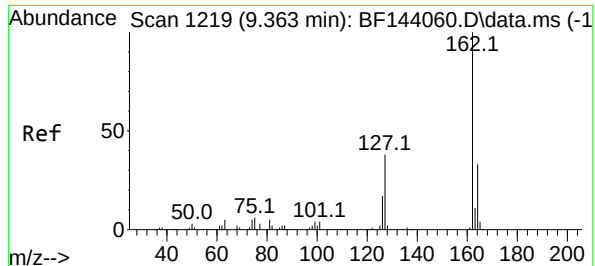
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 34.908 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

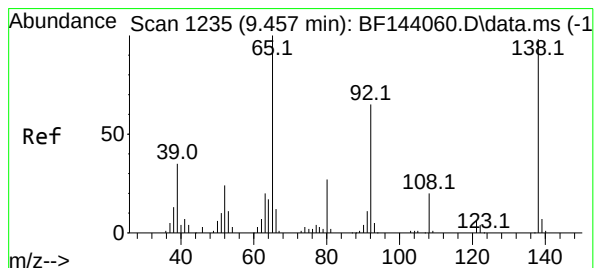
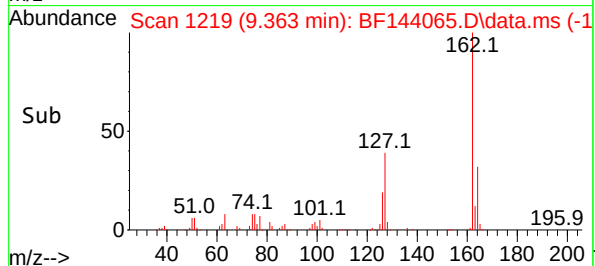
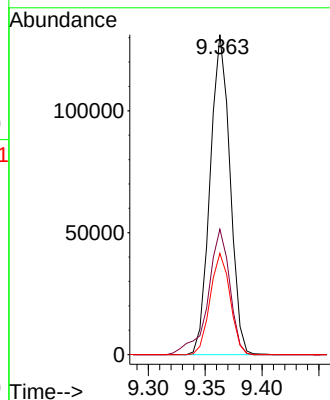
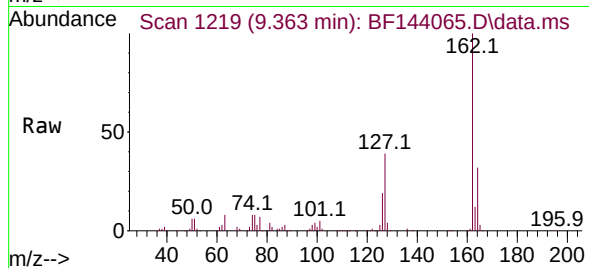
Tgt Ion:162 Resp: 159410

Ion Ratio Lower Upper

162 100

127 39.2 31.6 47.4

164 31.6 26.5 39.7



#48

2-Nitroaniline

Concen: 36.621 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

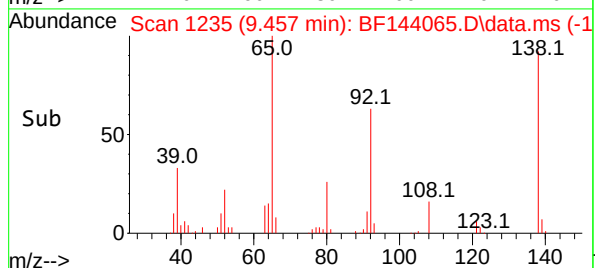
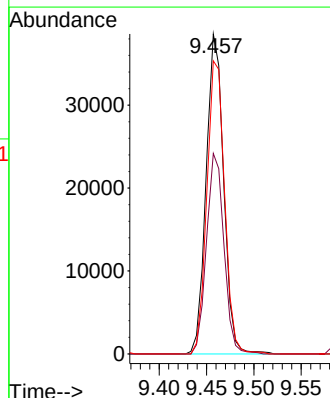
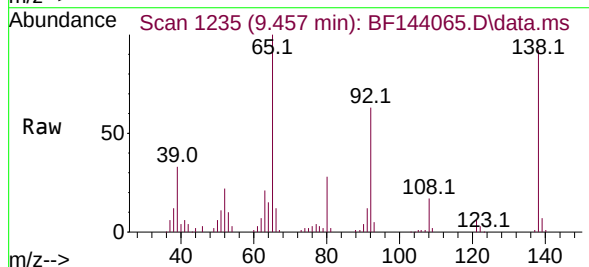
Tgt Ion: 65 Resp: 49659

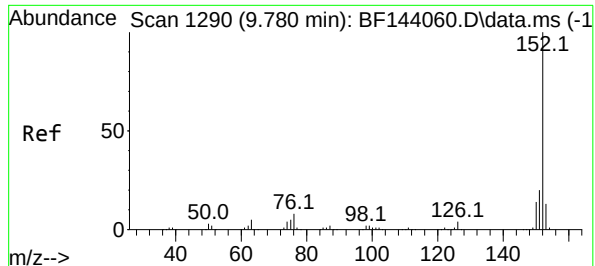
Ion Ratio Lower Upper

65 100

92 62.6 52.3 78.5

138 91.6 78.3 117.5





#49

Acenaphthylene

Concen: 39.474 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144065.D

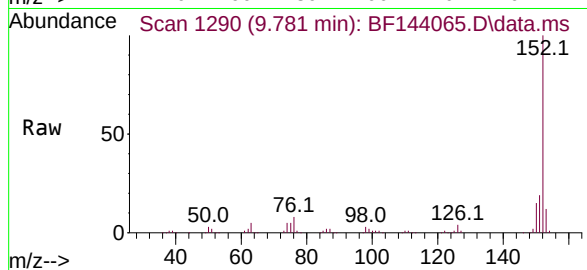
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



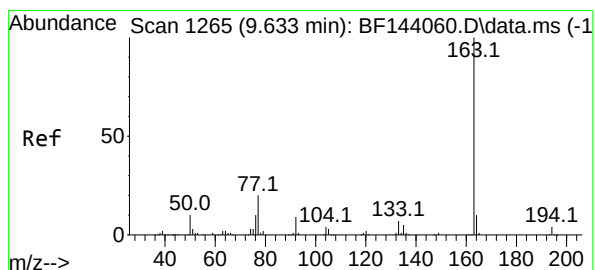
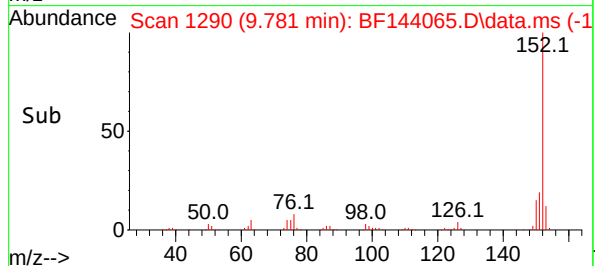
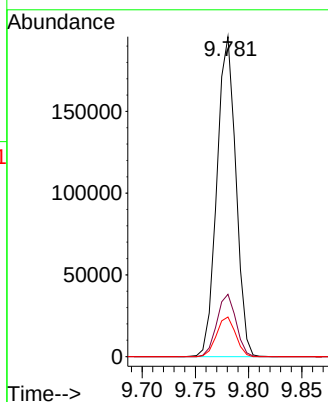
Tgt Ion:152 Resp: 243055

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.4 10.4 15.6



#50

Dimethylphthalate

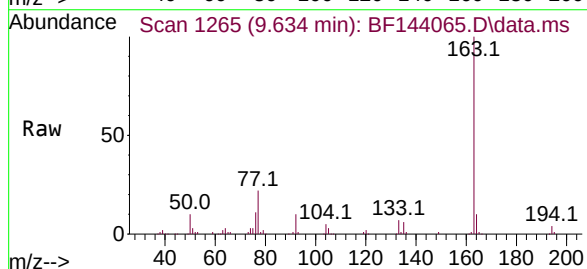
Concen: 34.098 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22



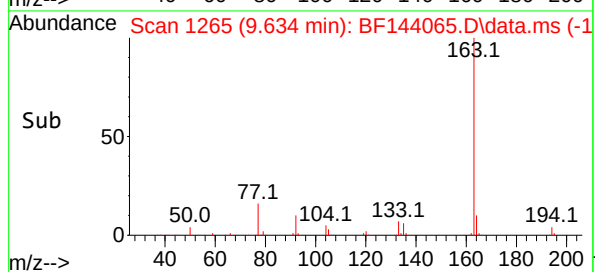
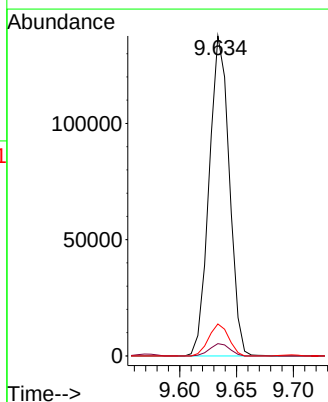
Tgt Ion:163 Resp: 170189

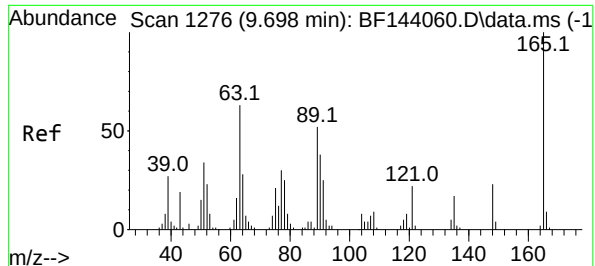
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.0 7.8 11.8

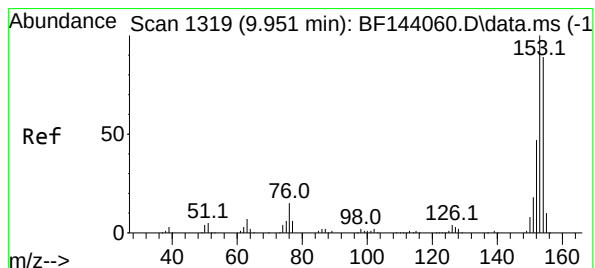
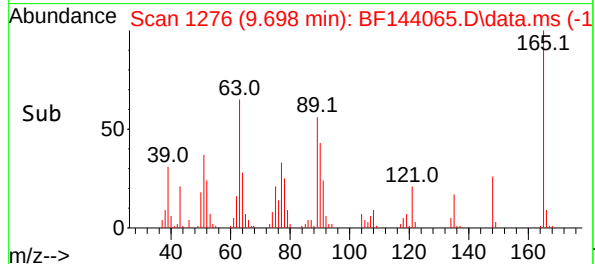
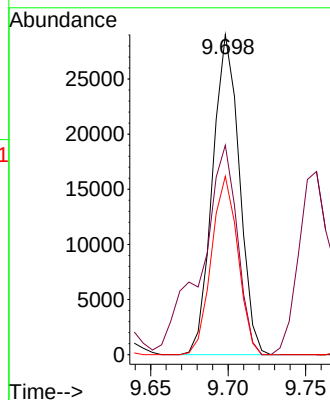
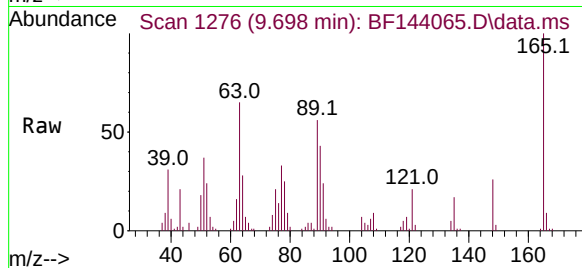




#51
2,6-Dinitrotoluene
Concen: 35.461 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

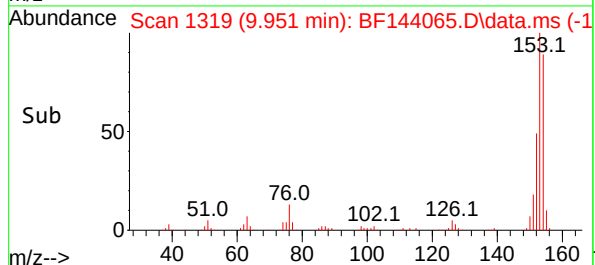
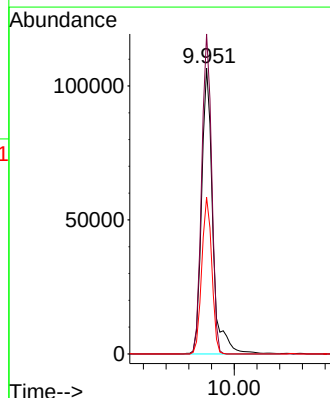
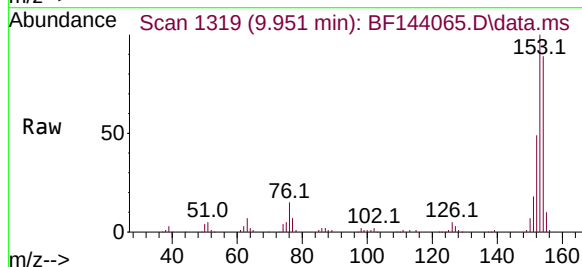
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

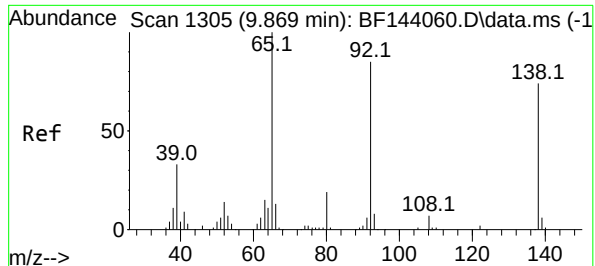
Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.4	50.4	75.6
89	55.7	41.4	62.2



#52
Acenaphthene
Concen: 35.145 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.9	134.9
152	54.8	42.0	63.0





#53

3-Nitroaniline

Concen: 35.804 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

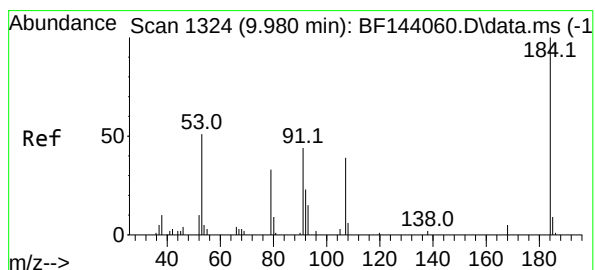
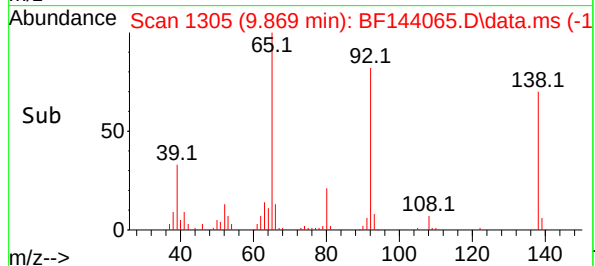
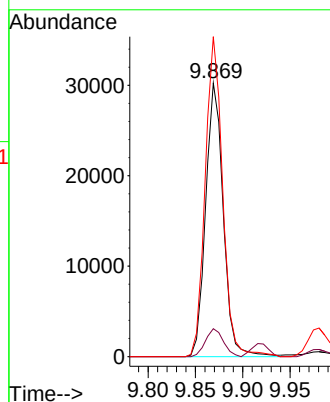
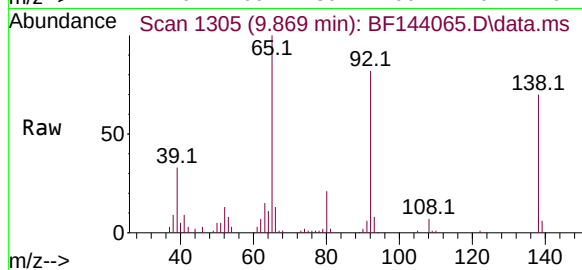
Tgt Ion:138 Resp: 39278

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

92 117.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 41.102 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

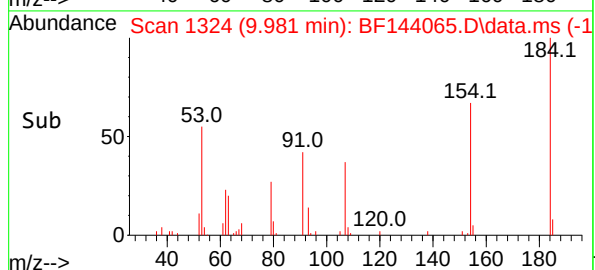
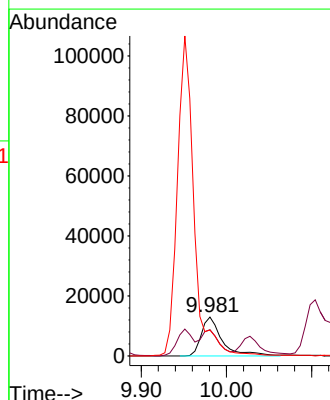
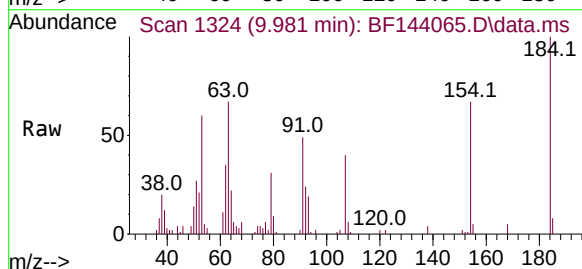
Tgt Ion:184 Resp: 21935

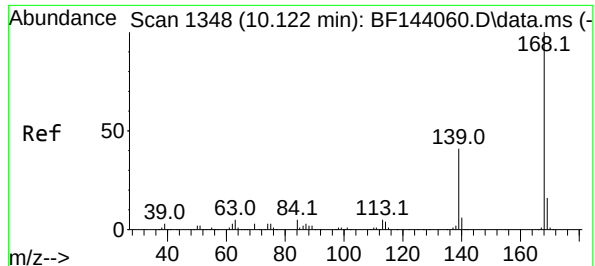
Ion Ratio Lower Upper

184 100

63 67.5 52.1 78.1

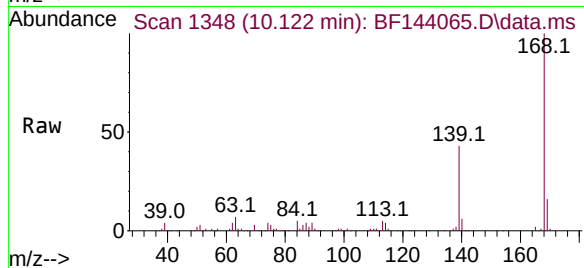
154 66.5 47.9 71.9



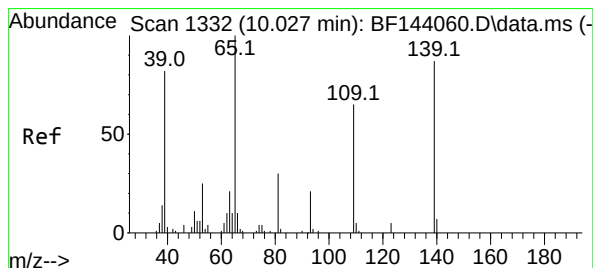
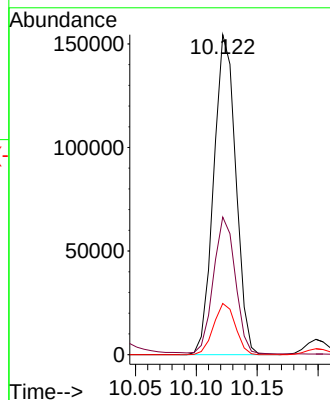
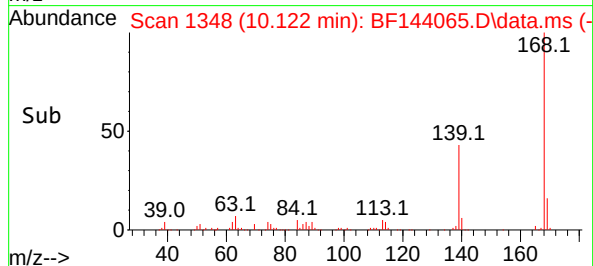


#55
Dibenzenofuran
Concen: 34.140 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

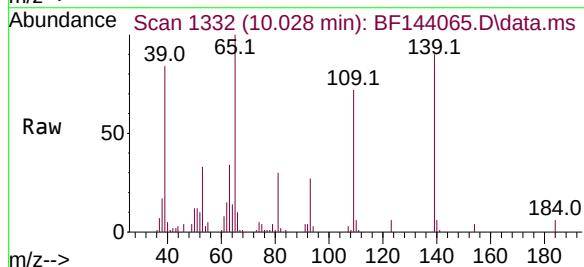
Instrument :
BNA_F
ClientSampleId :
ICVBF102425



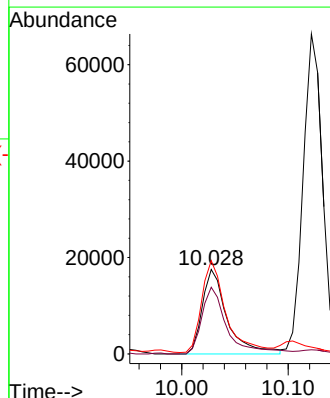
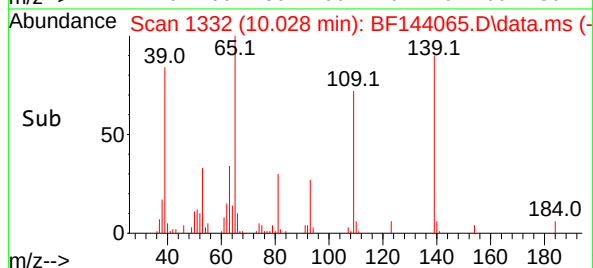
Tgt Ion:168 Resp: 194900
Ion Ratio Lower Upper
168 100
139 43.0 33.2 49.8
169 16.0 12.6 19.0

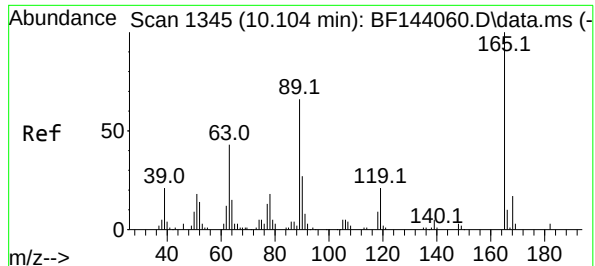


#56
4-Nitrophenol
Concen: 38.254 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22



Tgt Ion:139 Resp: 28418
Ion Ratio Lower Upper
139 100
109 79.1 53.8 93.8
65 110.6 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 37.002 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:165 Resp: 49275

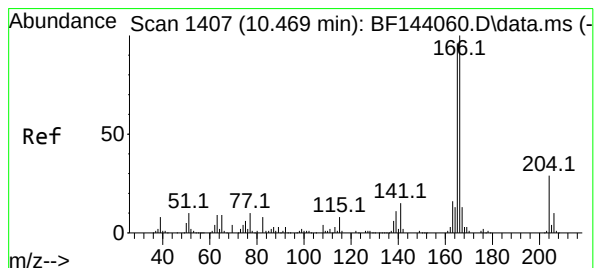
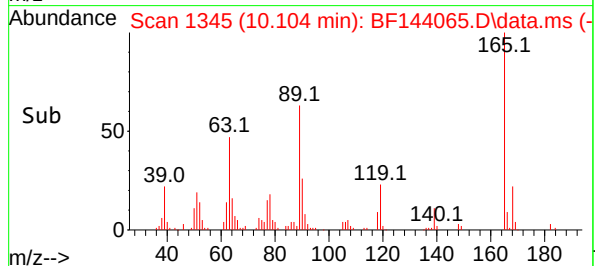
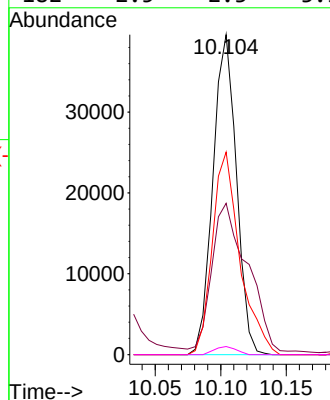
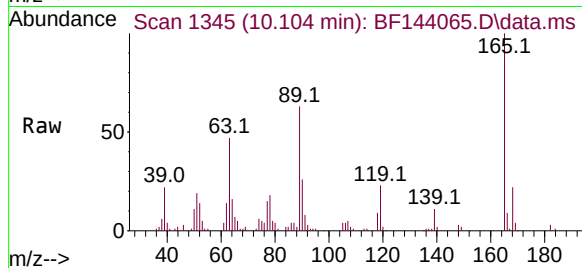
Ion Ratio Lower Upper

165 100

63 47.3 35.4 53.2

89 63.3 52.7 79.1

182 2.5 2.3 3.5



#58

Fluorene

Concen: 34.864 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

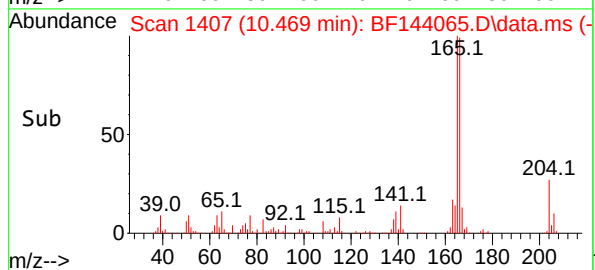
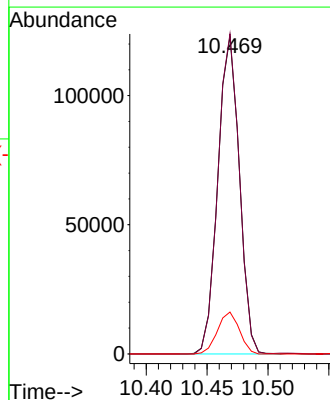
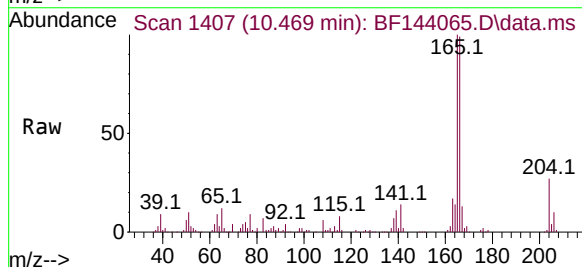
Tgt Ion:166 Resp: 151653

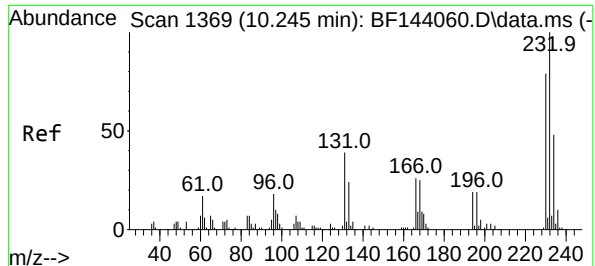
Ion Ratio Lower Upper

166 100

165 100.7 77.0 115.4

167 13.2 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.232 ng

RT: 10.239 min Scan# 1368

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:232 Resp: 49354

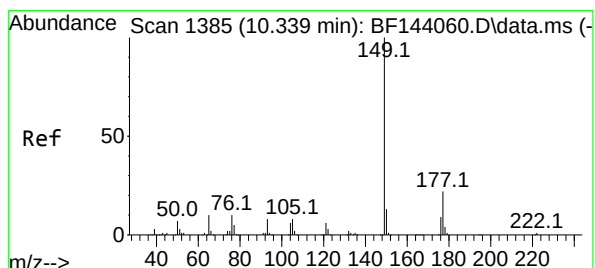
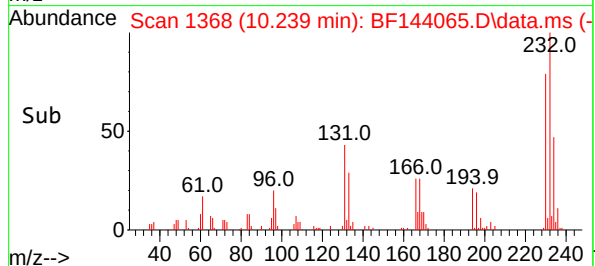
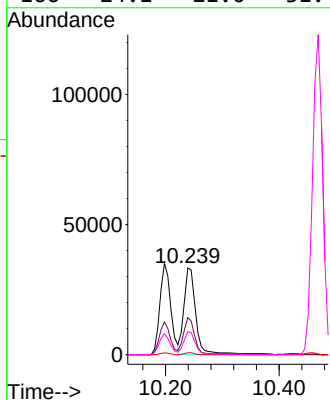
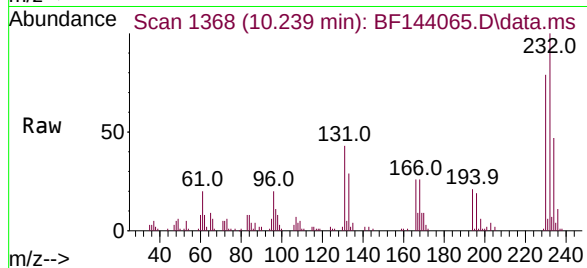
Ion Ratio Lower Upper

232 100

131 36.9 31.9 47.9

130 1.7 1.1 1.7#

166 24.1 21.0 31.4



#60

Diethylphthalate

Concen: 35.442 ng

RT: 10.333 min Scan# 1384

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

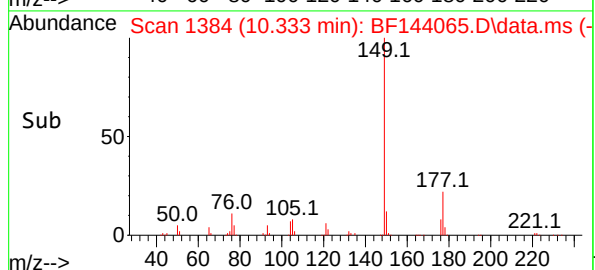
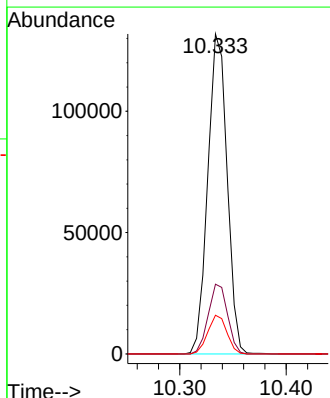
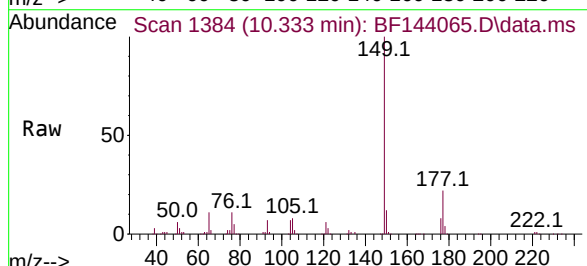
Tgt Ion:149 Resp: 166357

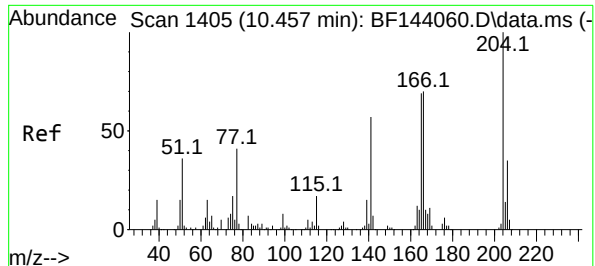
Ion Ratio Lower Upper

149 100

177 21.8 17.8 26.6

150 12.1 10.1 15.1

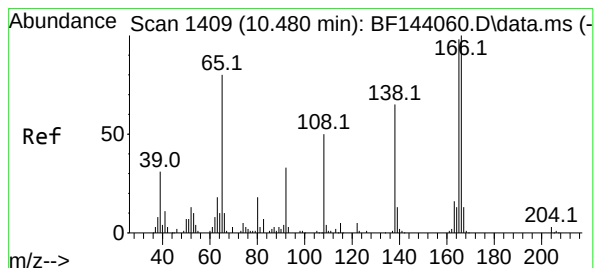
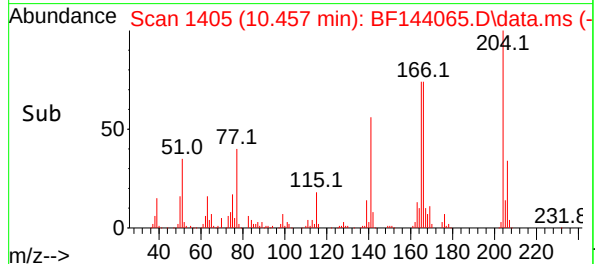
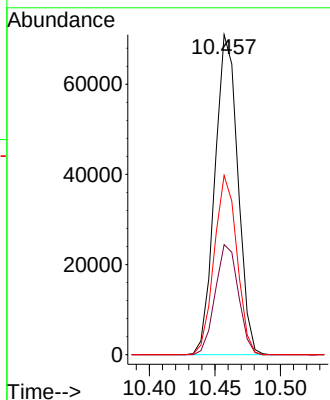
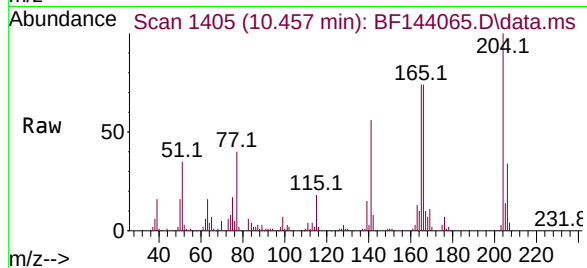




#61
4-Chlorophenyl-phenylether
Concen: 35.479 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

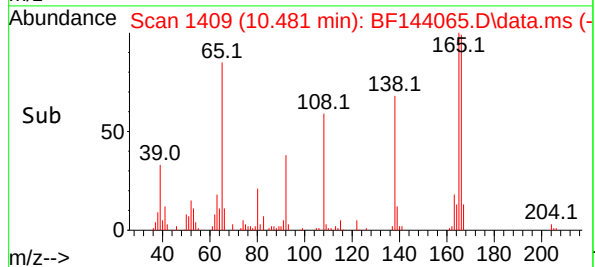
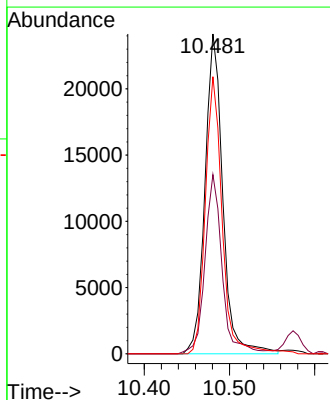
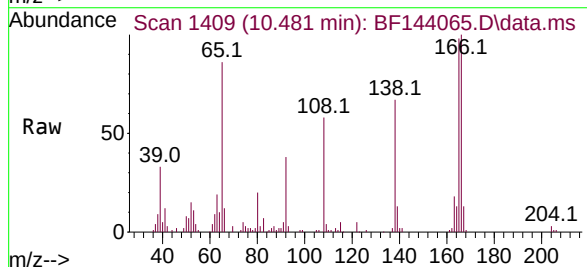
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

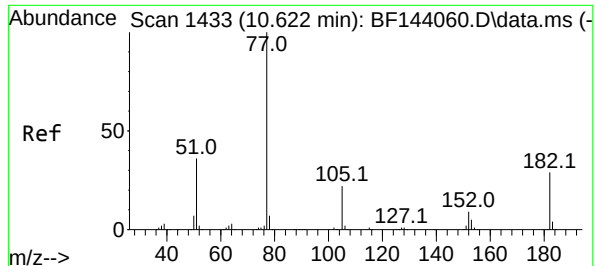
Tgt Ion:204 Resp: 86789
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.6
141 56.0 45.4 68.2



#62
4-Nitroaniline
Concen: 33.756 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:138 Resp: 35087
Ion Ratio Lower Upper
138 100
92 56.0 30.5 70.5
108 86.6 56.2 96.2

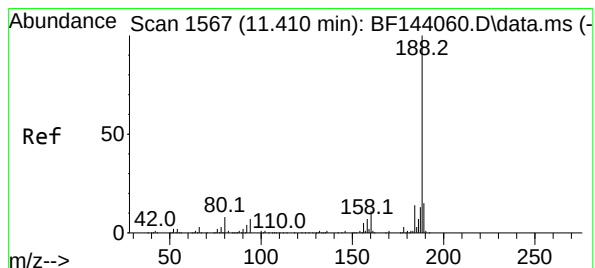
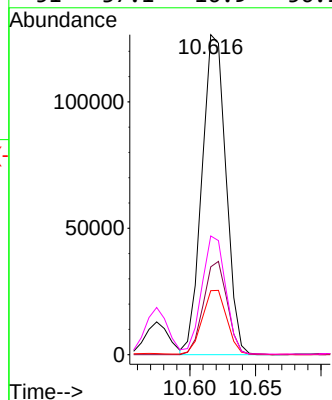
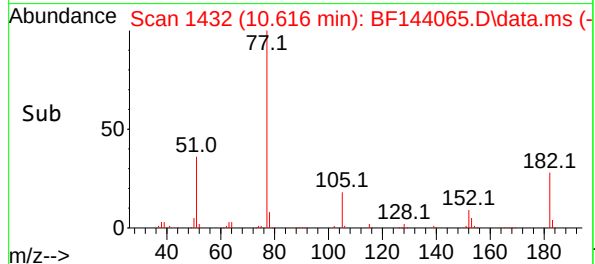
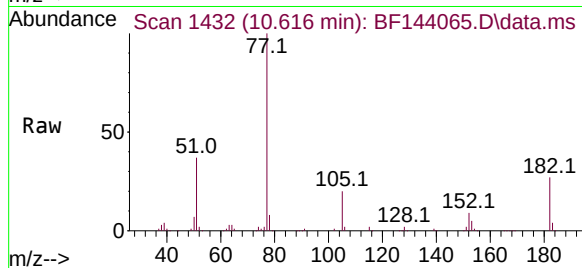




#63
Azobenzene
Concen: 36.422 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

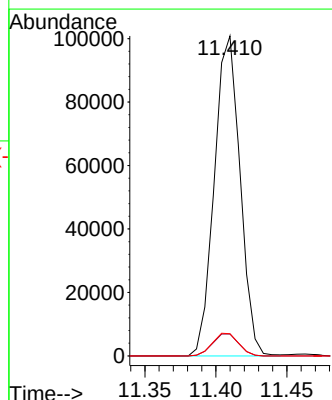
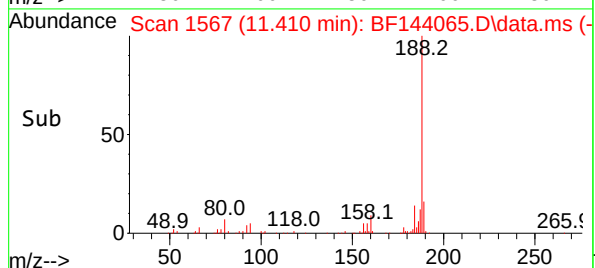
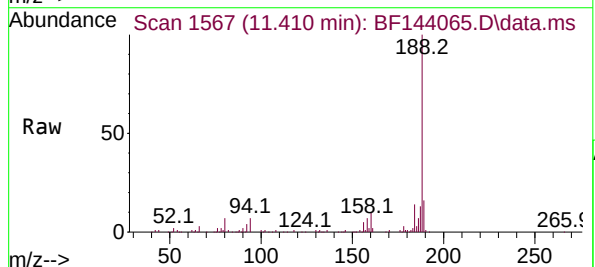
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

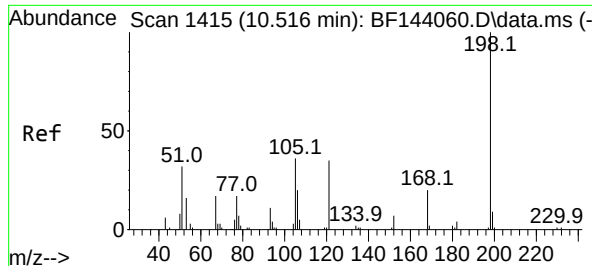
Tgt Ion: 77 Resp: 161807
Ion Ratio Lower Upper
77 100
182 27.4 9.0 49.0
105 20.0 1.4 41.4
51 37.1 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 188 Resp: 127305
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 6.9 6.0 9.0

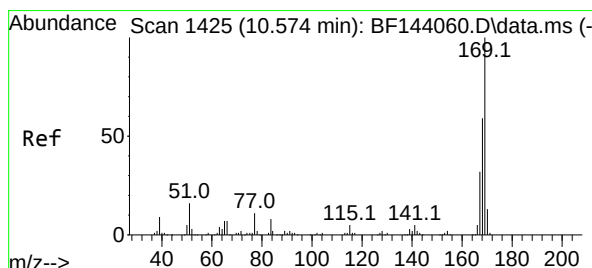
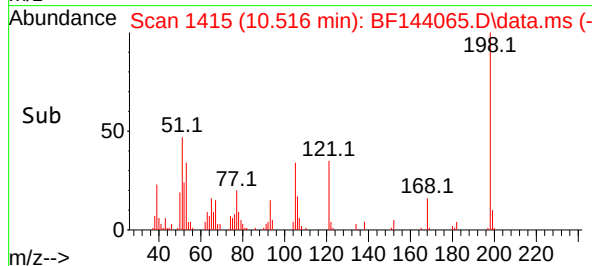
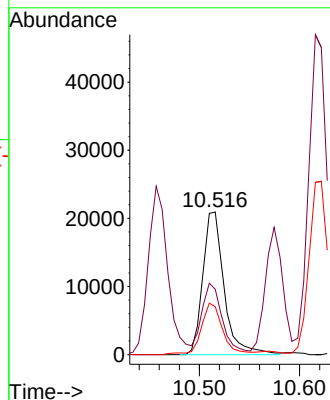
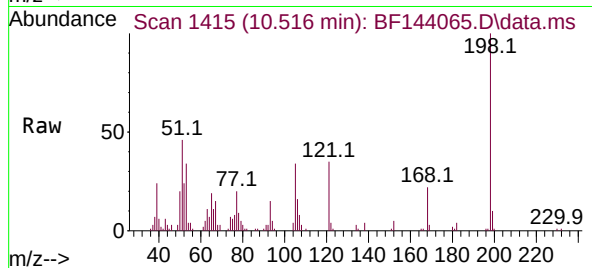




#65
4,6-Dinitro-2-methylphenol
Concen: 37.867 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

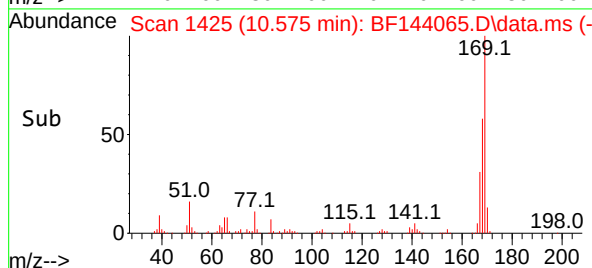
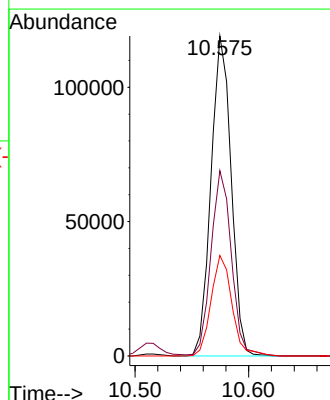
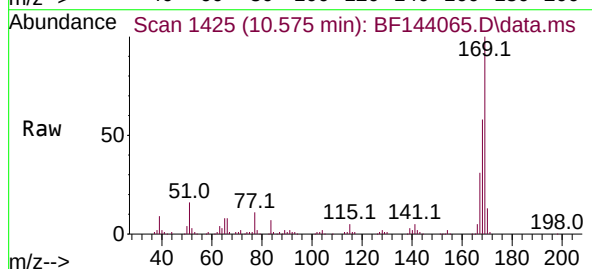
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

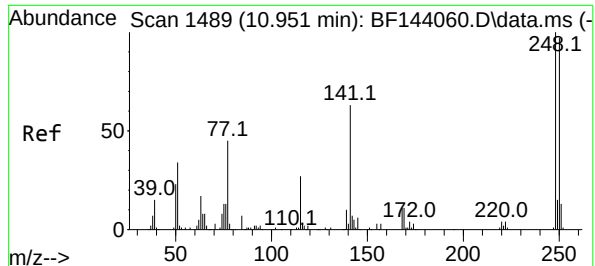
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	25.8	65.8
105	33.6	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 36.075 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.9	47.4	71.2
167	31.4	25.5	38.3

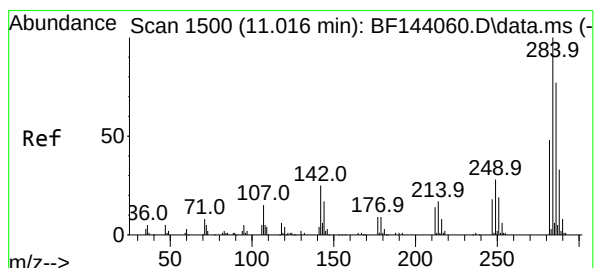
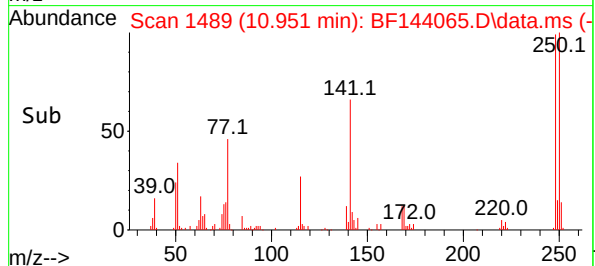
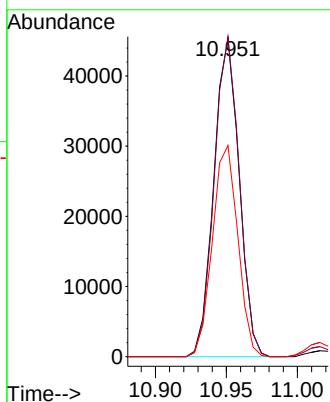
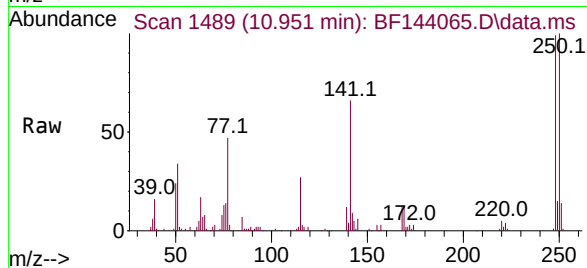




#67
4-Bromophenyl-phenylether
Concen: 35.313 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

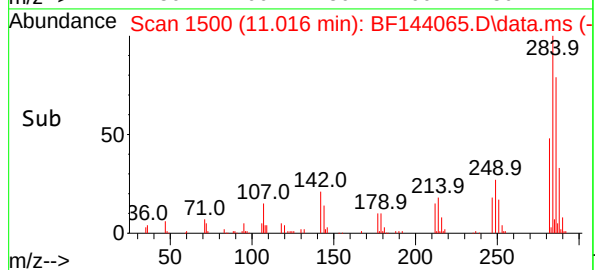
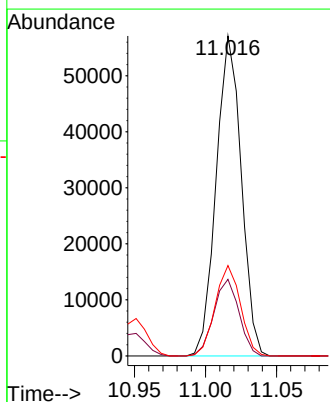
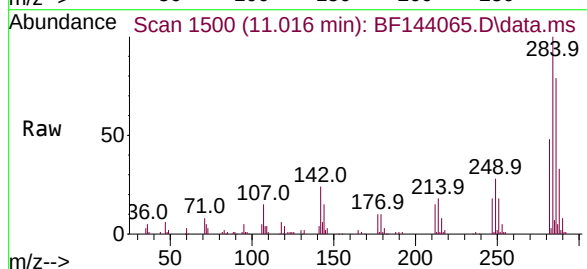
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

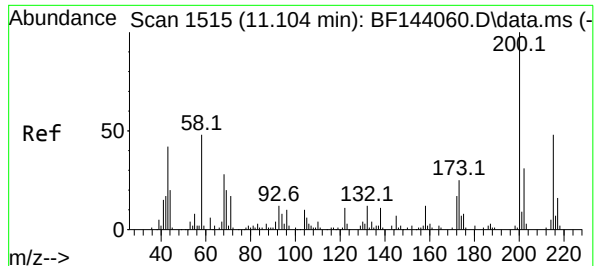
Tgt Ion:248 Resp: 56286
Ion Ratio Lower Upper
248 100
250 100.6 77.8 116.6
141 66.4 50.5 75.7



#68
Hexachlorobenzene
Concen: 35.903 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:284 Resp: 70184
Ion Ratio Lower Upper
284 100
142 23.9 20.0 30.0
249 28.2 22.2 33.2





#69

Atrazine

Concen: 36.643 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

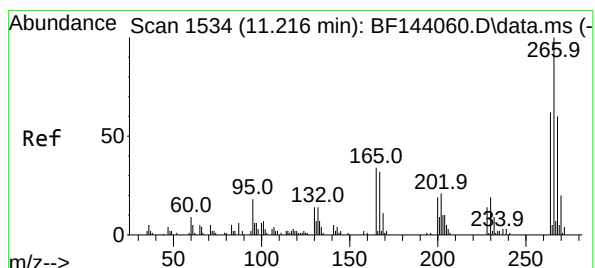
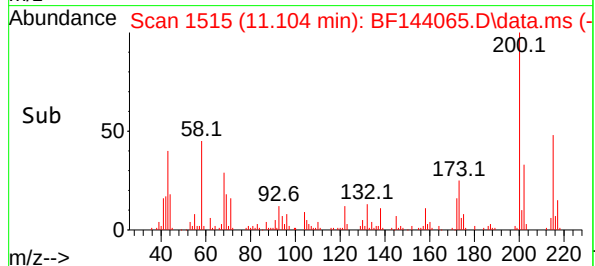
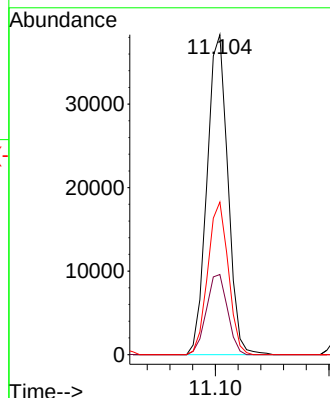
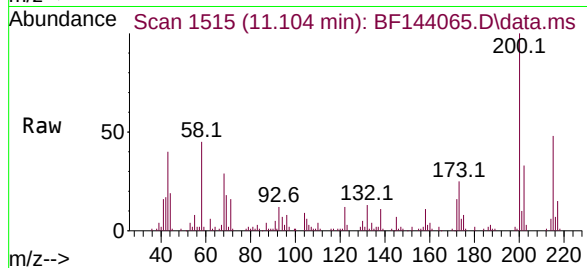
Tgt Ion:200 Resp: 48908

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 33.237 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

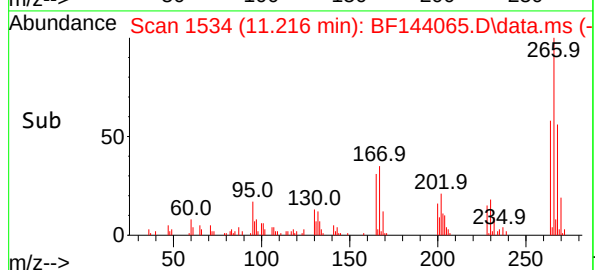
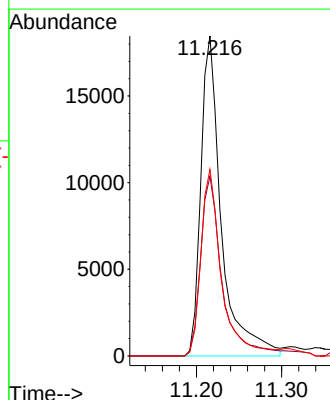
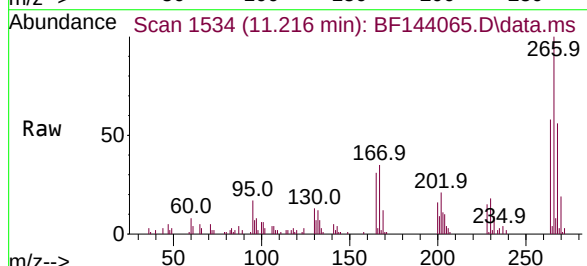
Tgt Ion:266 Resp: 30927

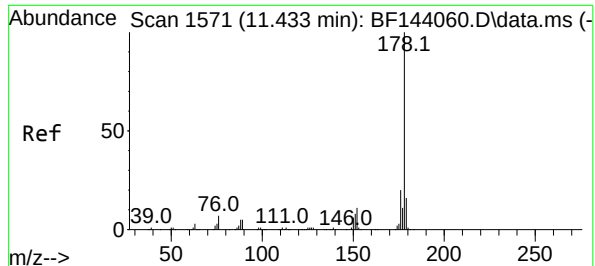
Ion Ratio Lower Upper

266 100

268 56.2 48.2 72.4

264 58.3 49.4 74.0

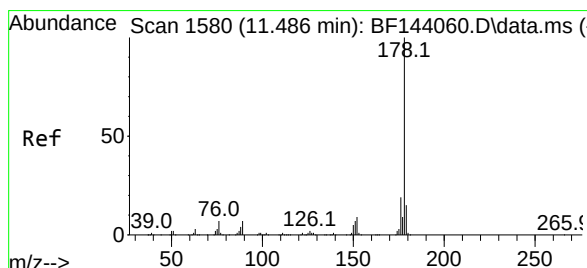
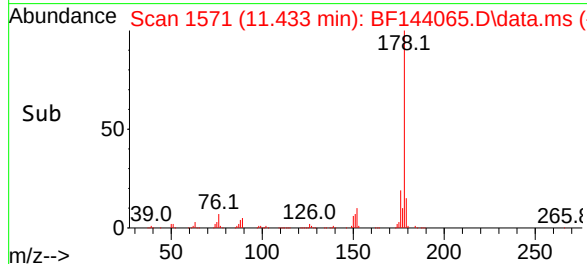
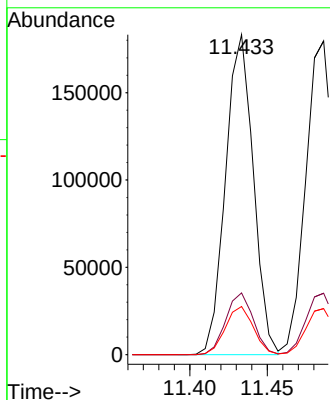
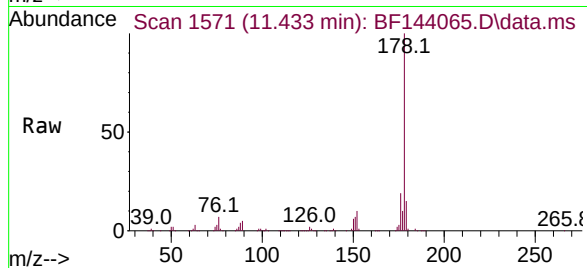




#71
Phenanthrene
Concen: 36.120 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

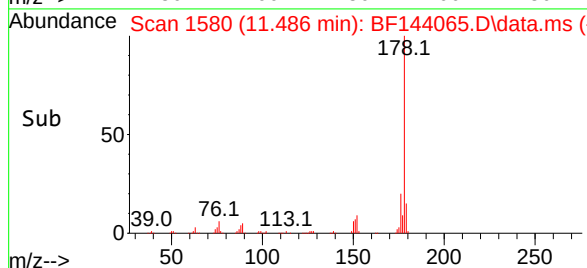
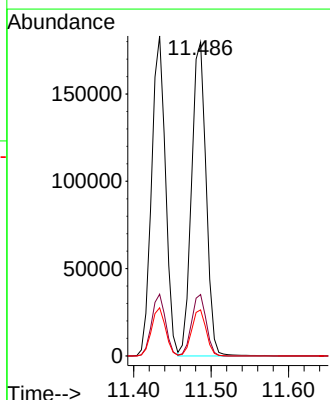
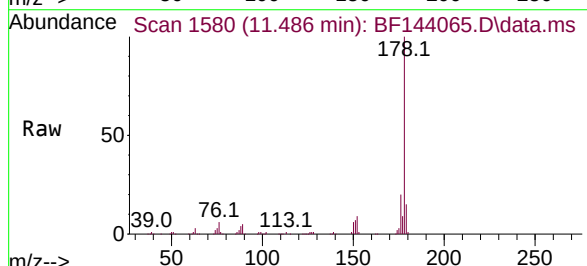
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

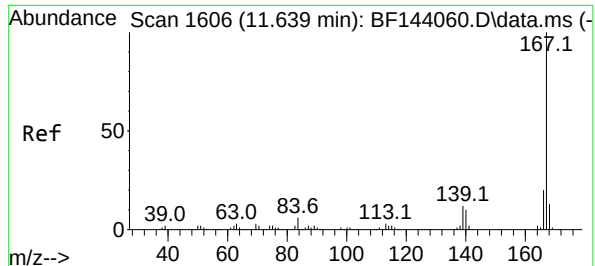
Tgt Ion:178 Resp: 228423
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.0 12.6 18.8



#72
Anthracene
Concen: 35.782 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

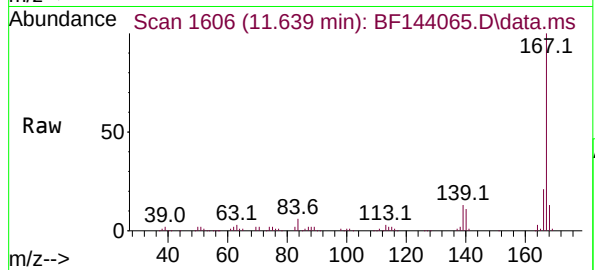
Tgt Ion:178 Resp: 233757
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 14.7 11.8 17.6



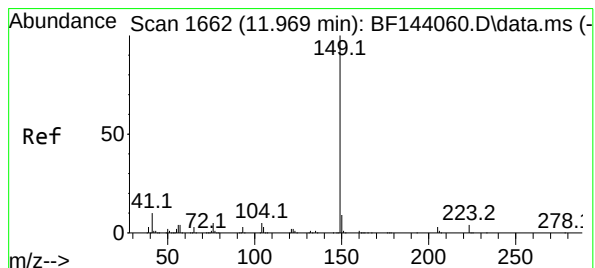
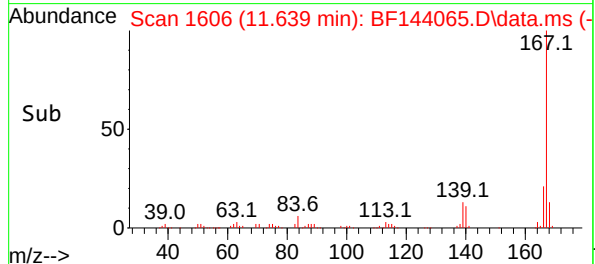
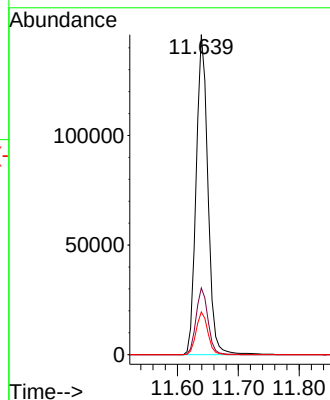


#73
Carbazole
Concen: 35.250 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

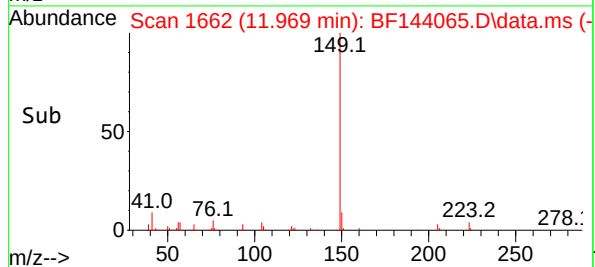
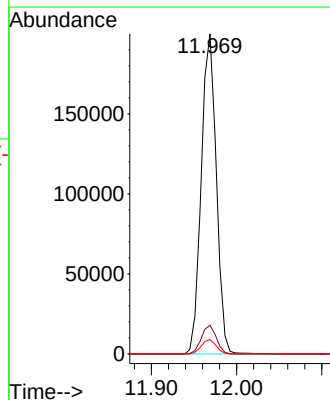
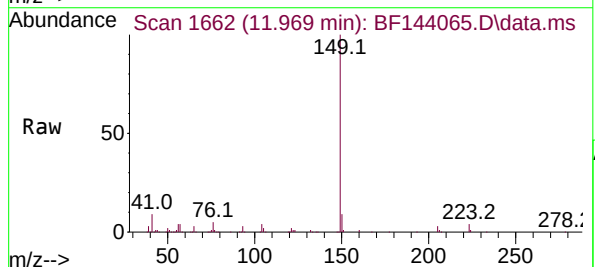


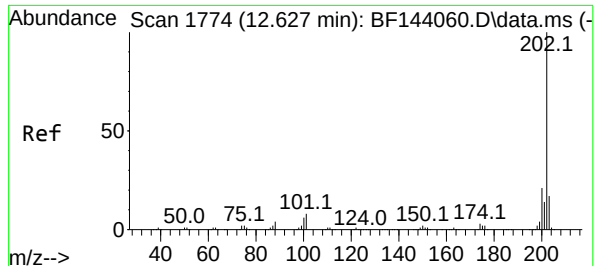
Tgt Ion:167 Resp: 196006
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 13.3 9.8 14.6



#74
Di-n-butylphthalate
Concen: 35.967 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 245199
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.5 3.6 5.4

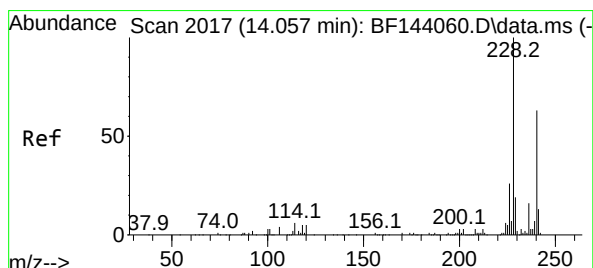
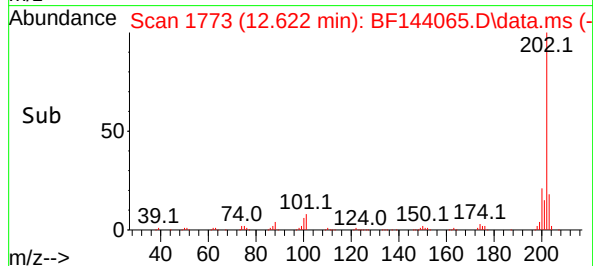
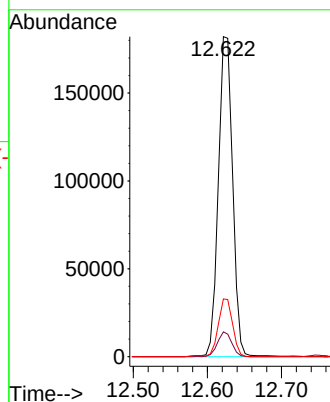
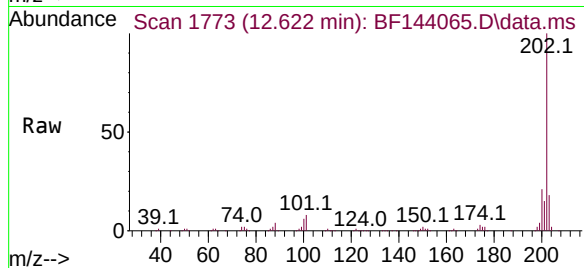




#75
Fluoranthene
Concen: 34.929 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

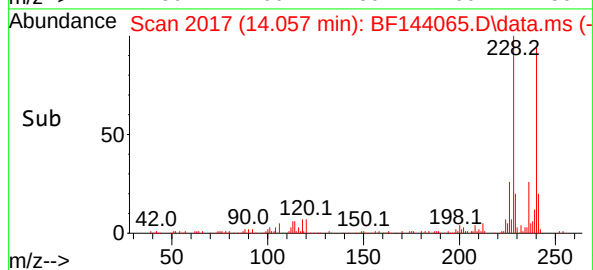
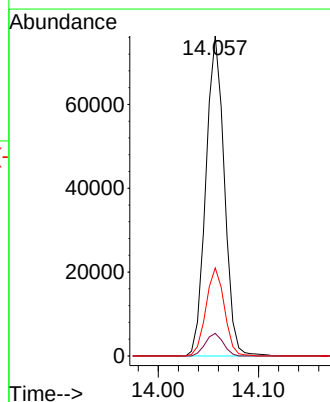
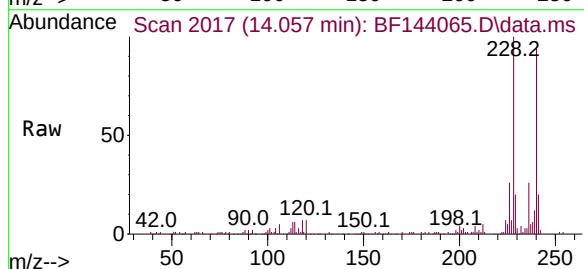
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

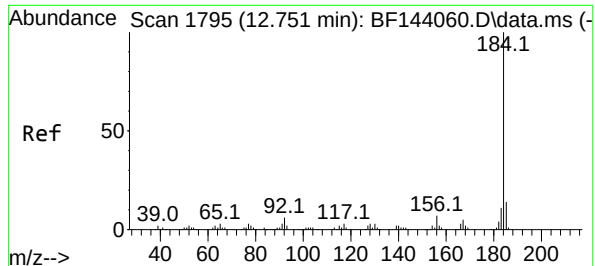
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	18.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.5	9.7
236	27.5	20.1	30.1





#77

Benzidine

Concen: 48.386 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

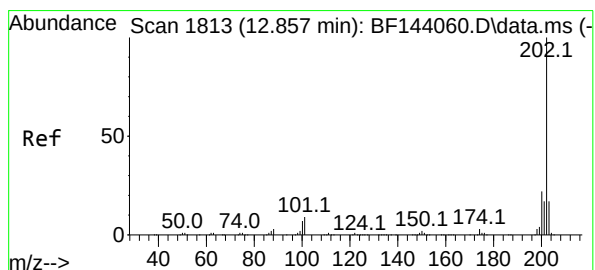
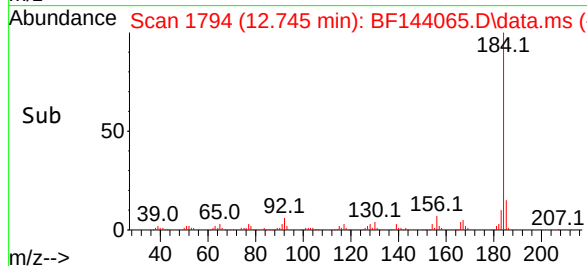
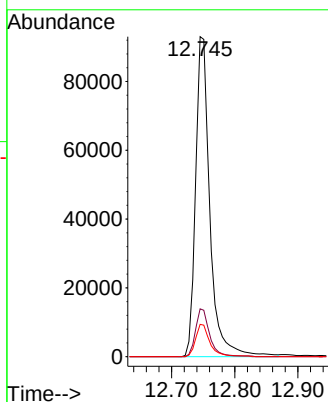
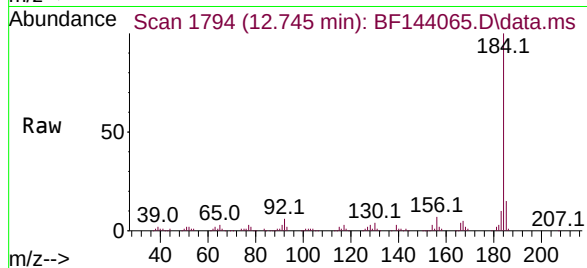
Tgt Ion:184 Resp: 146518

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.1 8.5 12.7



#78

Pyrene

Concen: 35.297 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

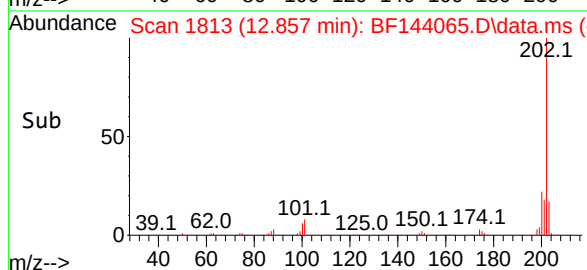
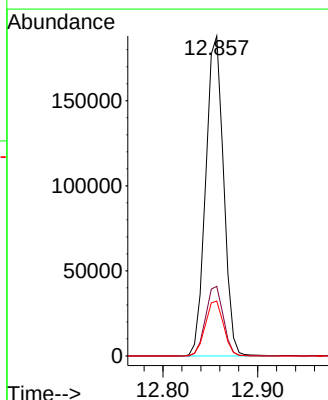
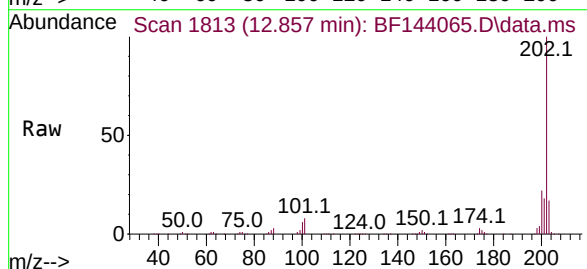
Tgt Ion:202 Resp: 246902

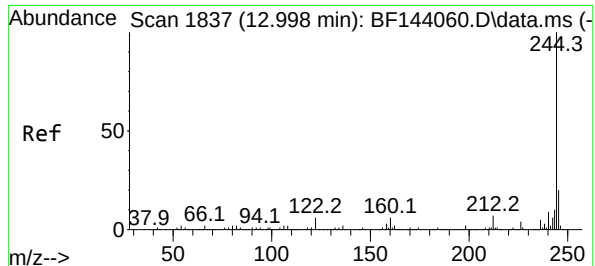
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 73.542 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

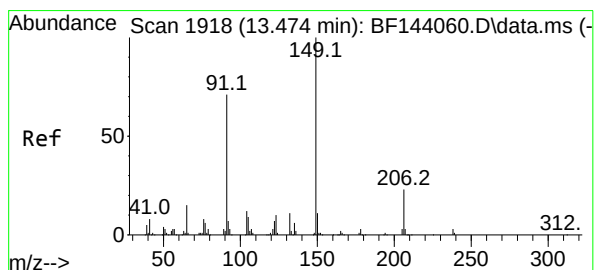
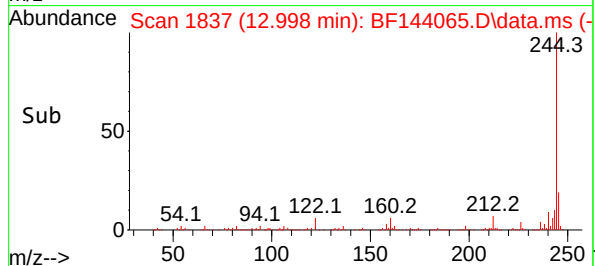
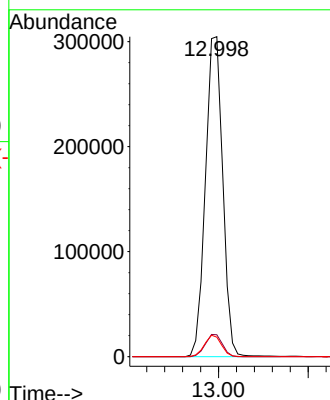
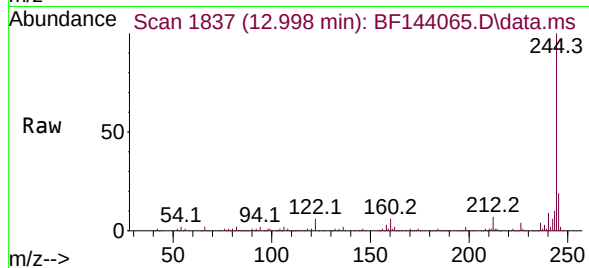
Tgt Ion:244 Resp: 409300

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 35.741 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

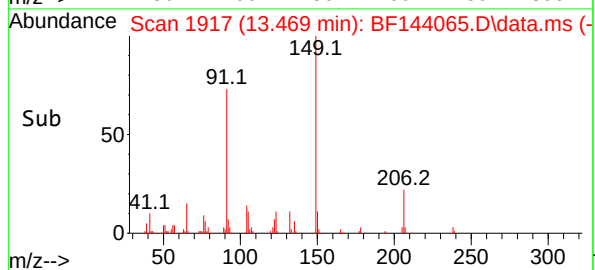
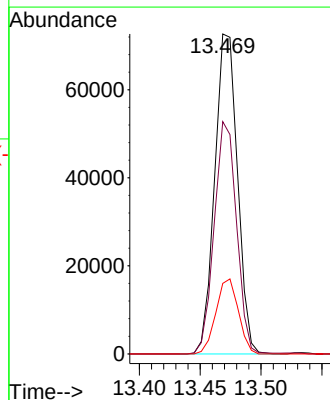
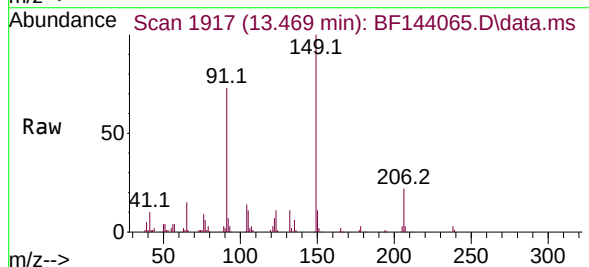
Tgt Ion:149 Resp: 94583

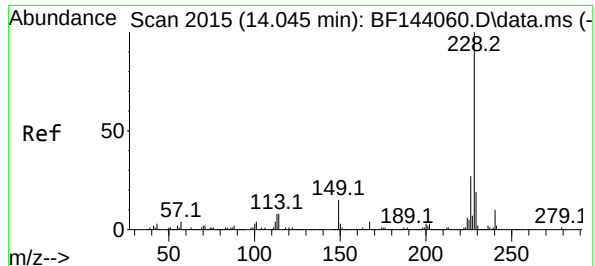
Ion Ratio Lower Upper

149 100

91 72.6 56.6 84.8

206 22.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 35.620 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

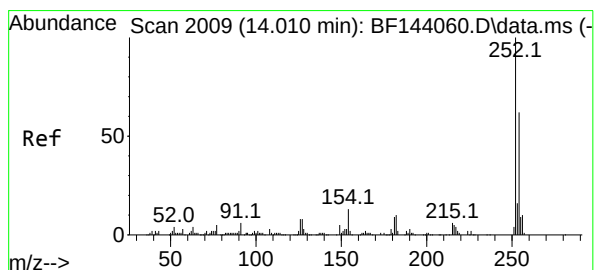
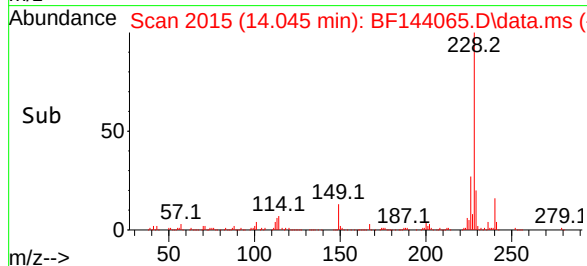
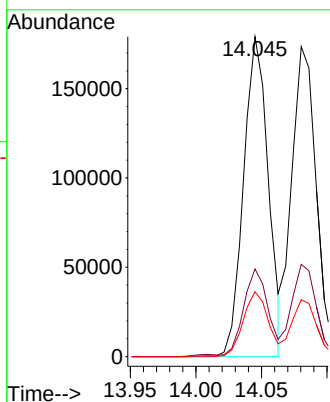
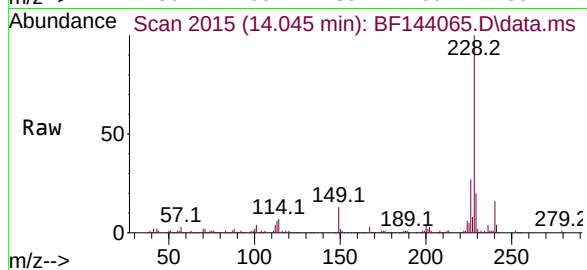
Tgt Ion:228 Resp: 234218

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.3 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.643 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

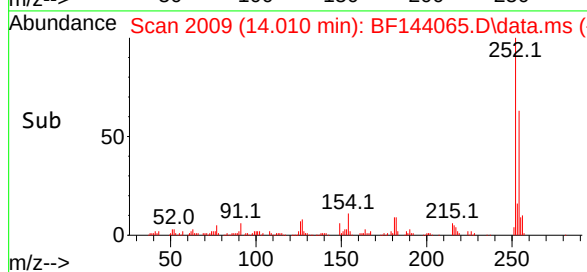
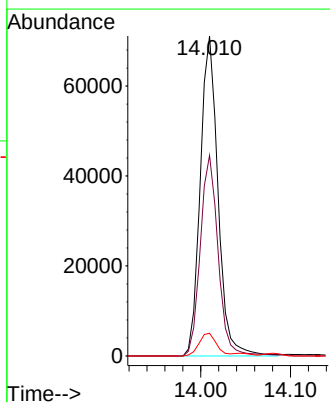
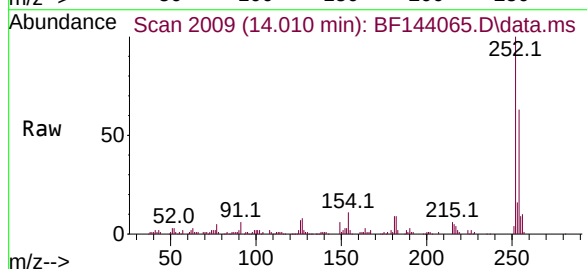
Tgt Ion:252 Resp: 97608

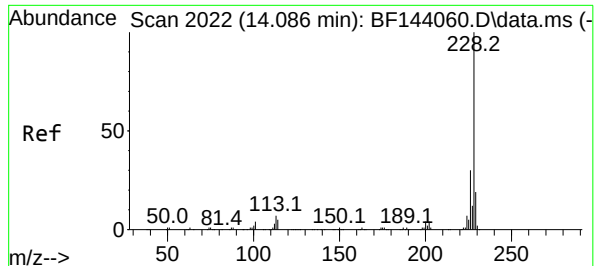
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

126 7.1 6.5 9.7





#83

Chrysene

Concen: 36.371 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

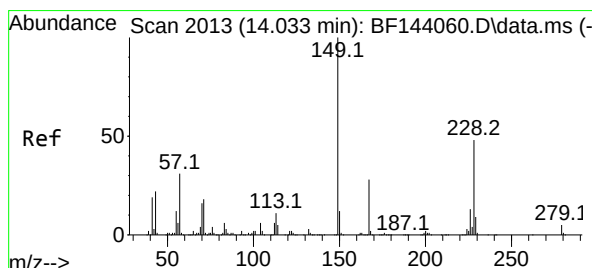
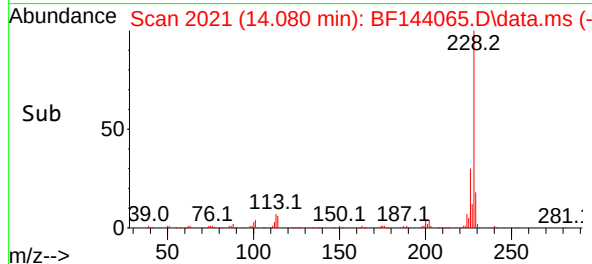
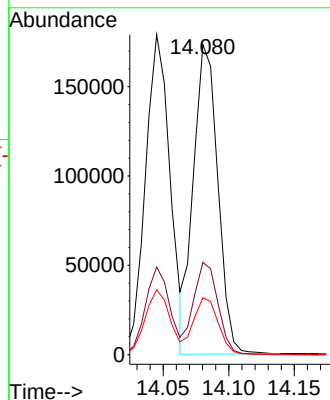
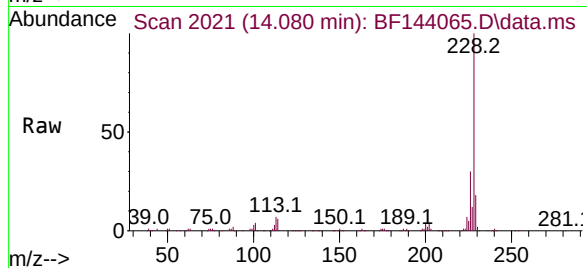
Tgt Ion:228 Resp: 224422

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 18.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.110 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

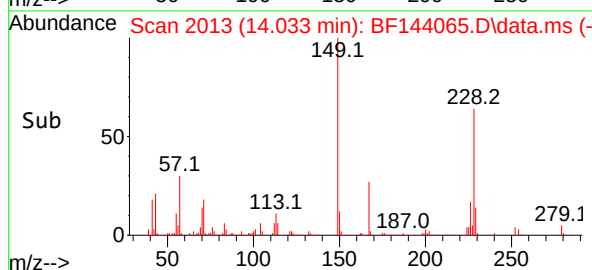
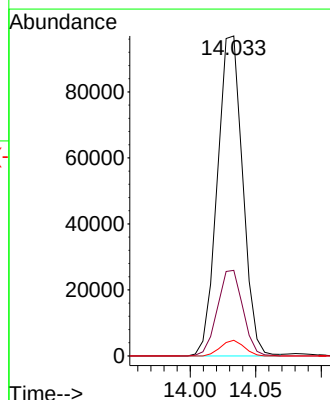
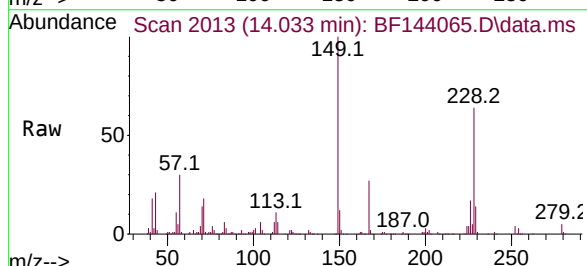
Tgt Ion:149 Resp: 130456

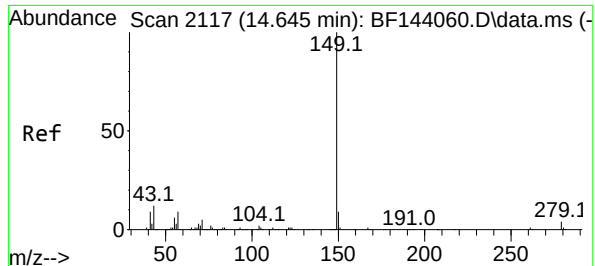
Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.9 3.6 5.4

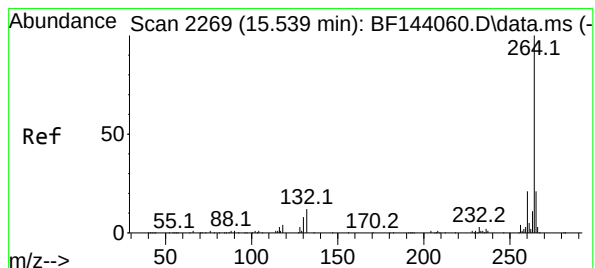
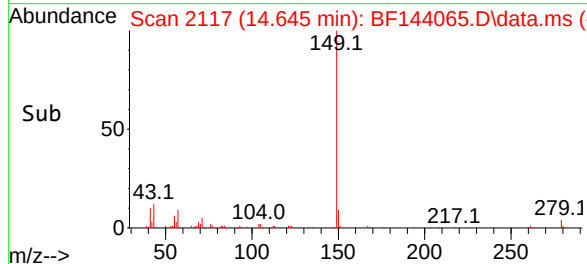
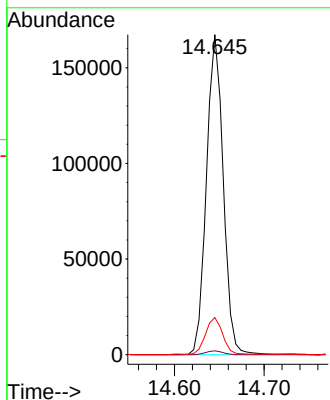
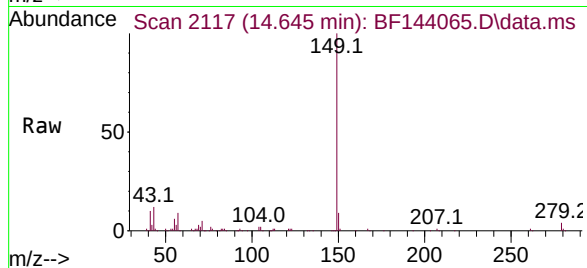




#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

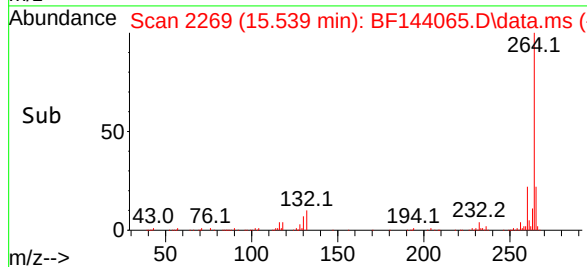
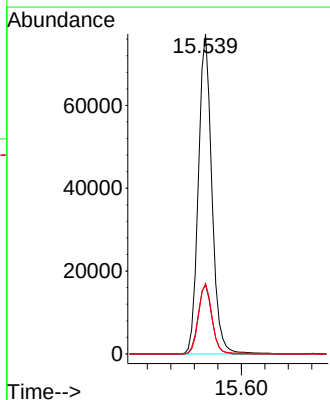
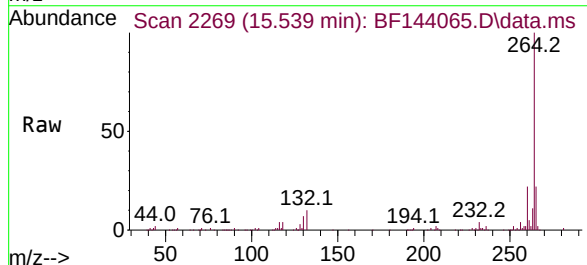
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

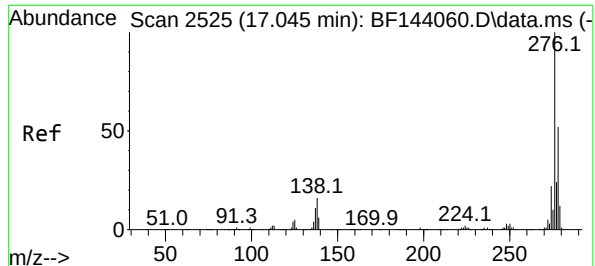
Tgt Ion:149 Resp: 218335
Ion Ratio Lower Upper
149 100
167 1.2 1.2 1.8#
43 12.0 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:264 Resp: 122912
Ion Ratio Lower Upper
264 100
260 21.5 17.0 25.4
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.856 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

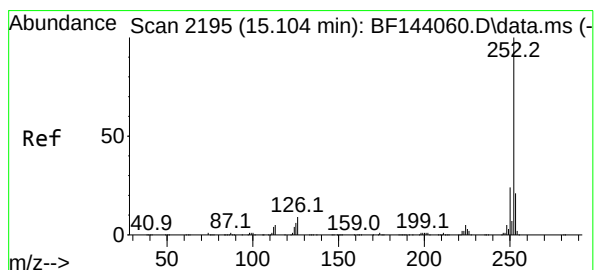
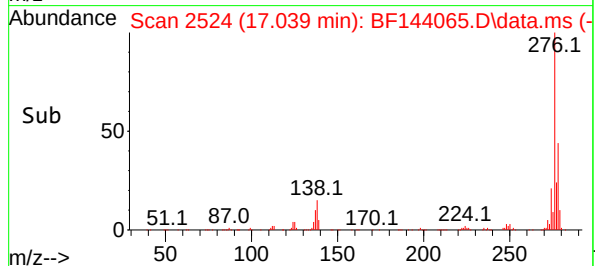
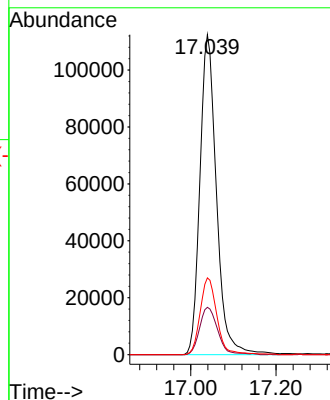
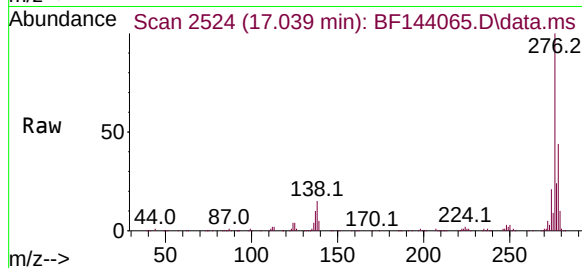
Tgt Ion:276 Resp: 302575

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 33.715 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

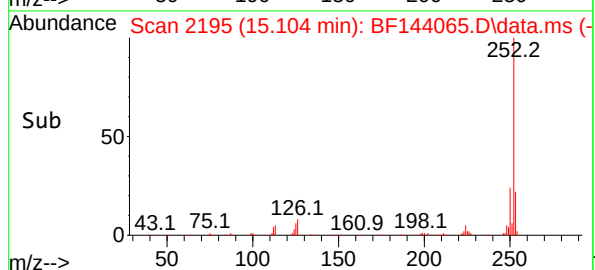
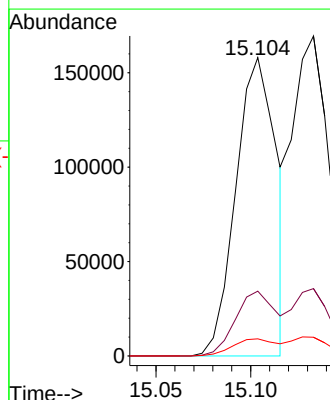
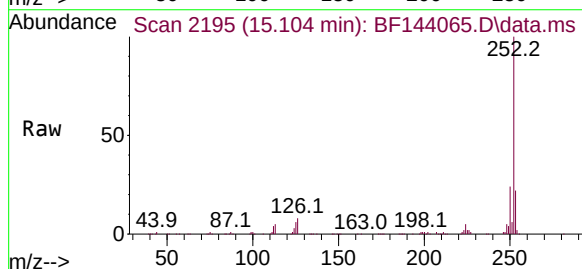
Tgt Ion:252 Resp: 234274

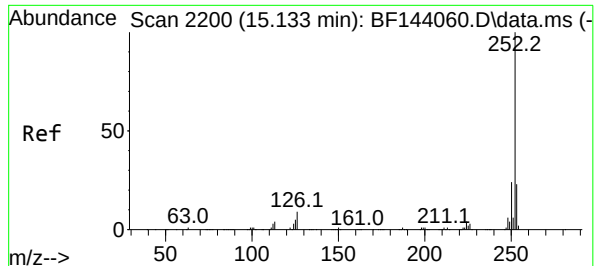
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 5.7 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 37.516 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

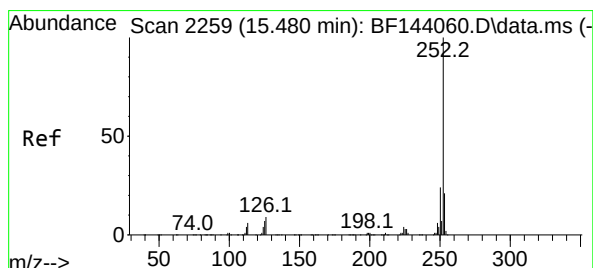
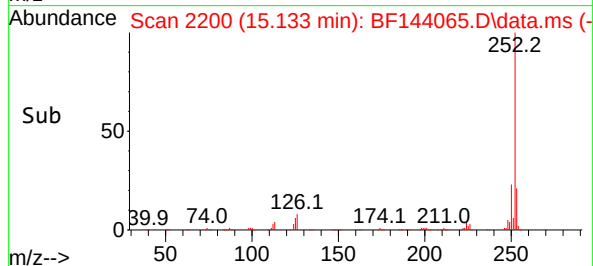
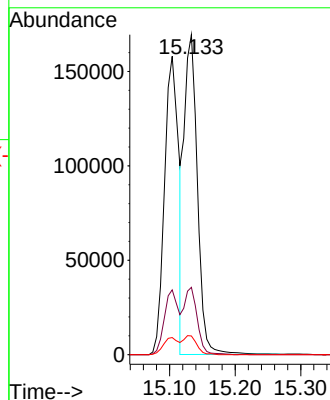
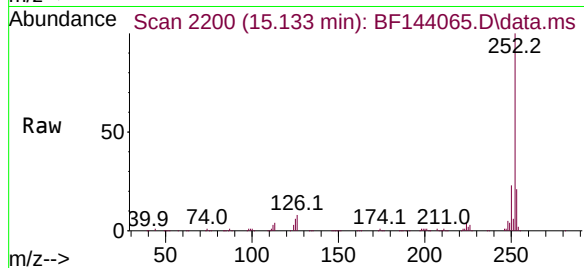
Tgt Ion:252 Resp: 240517

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 36.773 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

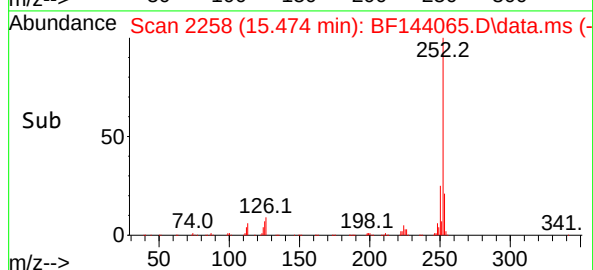
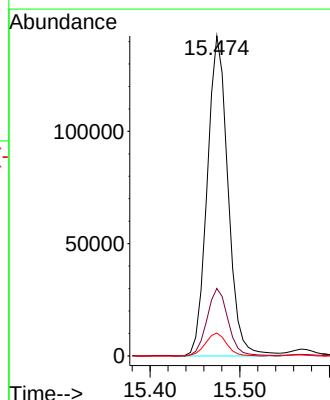
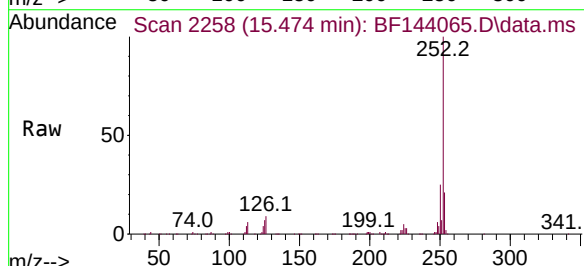
Tgt Ion:252 Resp: 229237

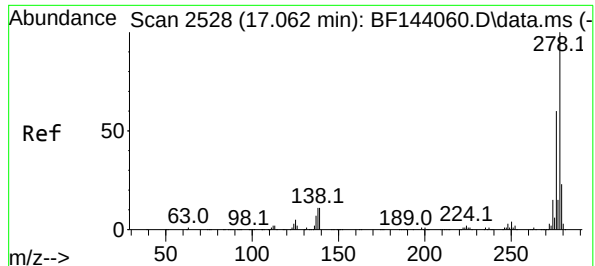
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 7.1 5.4 8.2

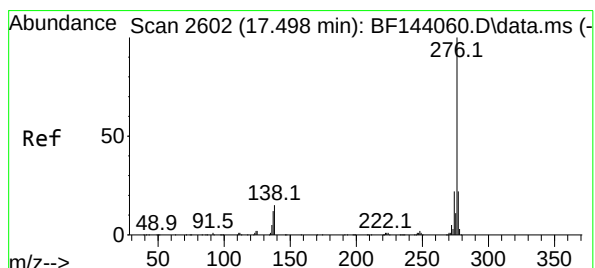
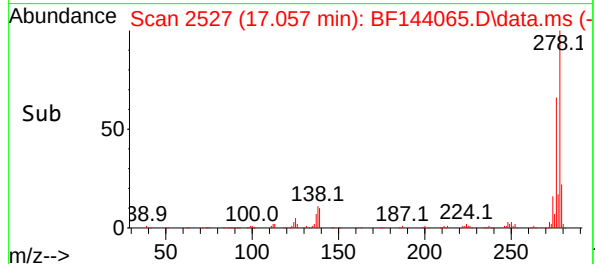
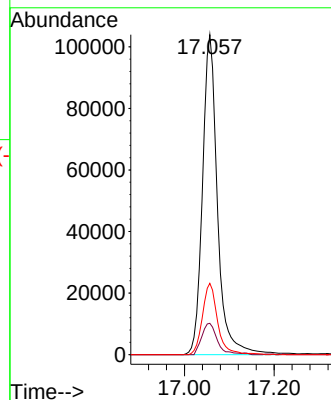
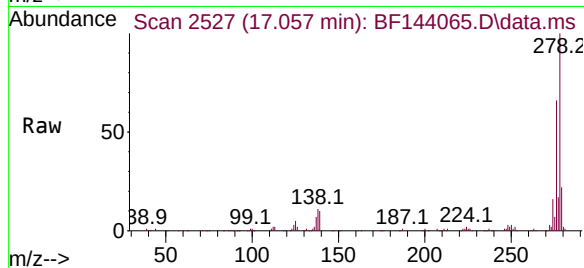




#91
Dibenzo(a,h)anthracene
Concen: 36.012 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

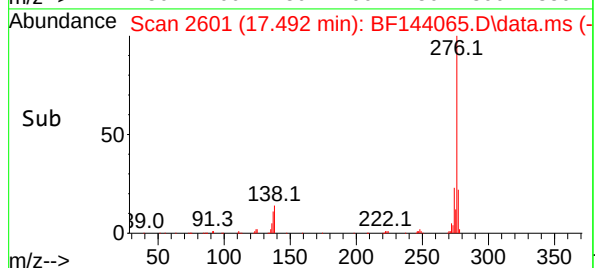
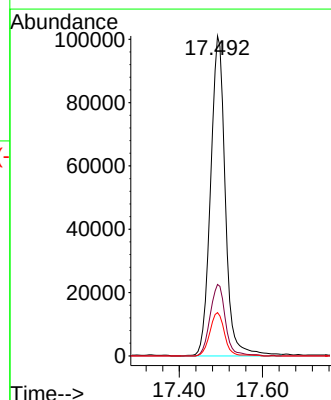
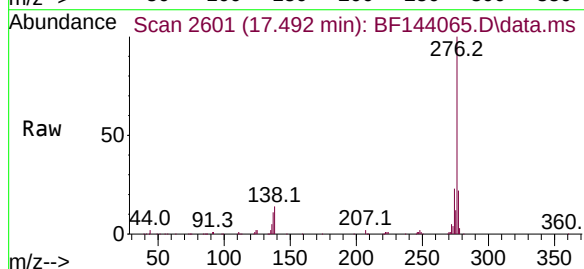
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion:278 Resp: 240551
Ion Ratio Lower Upper
278 100
139 9.8 8.5 12.7
279 22.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.942 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:276 Resp: 248094
Ion Ratio Lower Upper
276 100
277 22.3 17.9 26.9
138 13.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	80	0.00
2	1,4-Dioxane	40.000	35.621	10.9	71	0.00
3	Pyridine	40.000	32.576	18.6	63	0.00
4	n-Nitrosodimethylamine	40.000	36.893	7.8	73	0.00
5 S	2-Fluorophenol	80.000	70.283	12.1	68	0.00
6	Aniline	40.000	36.320	9.2	72	0.00
7 S	Phenol-d6	80.000	68.955	13.8	69	0.00
8	2-Chlorophenol	40.000	33.579	16.1	67	0.00
9	Benzaldehyde	40.000	34.852	12.9	73	0.00
10 C	Phenol	40.000	34.853	12.9	69	0.00
11	bis(2-Chloroethyl)ether	40.000	33.851	15.4	68	0.00
12	1,3-Dichlorobenzene	40.000	36.971	7.6	73	0.00
13 C	1,4-Dichlorobenzene	40.000	37.183	7.0	73	0.00
14	1,2-Dichlorobenzene	40.000	35.872	10.3	71	0.00
15	Benzyl Alcohol	40.000	36.330	9.2	72	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	34.517	13.7	68	0.00
17	2-Methylphenol	40.000	35.152	12.1	73	0.00
18	Hexachloroethane	40.000	34.696	13.3	69	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	35.002	12.5	72	0.00
20	3+4-Methylphenols	40.000	36.095	9.8	70	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	78	0.00
22	Acetophenone	40.000	38.453	3.9	74	0.00
23 S	Nitrobenzene-d5	80.000	70.696	11.6	68	0.00
24	Nitrobenzene	40.000	36.753	8.1	70	0.00
25	Isophorone	40.000	36.322	9.2	70	0.00
26 C	2-Nitrophenol	40.000	36.360	9.1	68	0.00
27	2,4-Dimethylphenol	40.000	39.405	1.5	73	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.182	12.0	67	0.00
29 C	2,4-Dichlorophenol	40.000	35.901	10.2	69	0.00
30	1,2,4-Trichlorobenzene	40.000	38.739	3.2	74	0.00
31	Naphthalene	40.000	35.834	10.4	68	0.00
32	Benzoic acid	40.000	44.054	-10.1	102	0.00
33	4-Chloroaniline	40.000	41.428	-3.6	79	0.00
34 C	Hexachlorobutadiene	40.000	38.260	4.4	74	0.00
35	Caprolactam	40.000	35.331	11.7	65	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.112	9.7	70	0.00
37	2-Methylnaphthalene	40.000	33.233	16.9	62	0.00
38	1-Methylnaphthalene	40.000	35.945	10.1	70	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	35.121	12.2	71	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.585	-21.5	99	0.00
42 S	2,4,6-Tribromophenol	80.000	68.551	14.3	69	0.00
43 C	2,4,6-Trichlorophenol	40.000	33.986	15.0	67	0.00
44	2,4,5-Trichlorophenol	40.000	36.018	10.0	75	0.00
45 S	2-Fluorobiphenyl	80.000	67.717	15.4	69	0.00
46	1,1'-Biphenyl	40.000	35.345	11.6	71	0.00
47	2-Chloronaphthalene	40.000	34.908	12.7	71	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	36.621	8.4	71	0.00
49	Acenaphthylene	40.000	39.474	1.3	78	0.00
50	Dimethylphthalate	40.000	34.098	14.8	68	0.00
51	2,6-Dinitrotoluene	40.000	35.461	11.3	69	0.00
52 C	Acenaphthene	40.000	35.145	12.1	71	0.00
53	3-Nitroaniline	40.000	35.804	10.5	67	0.00
54 P	2,4-Dinitrophenol	40.000	41.102	-2.8	97	0.00
55	Dibenzofuran	40.000	34.140	14.6	68	0.00
56 P	4-Nitrophenol	40.000	38.254	4.4	83	0.00
57	2,4-Dinitrotoluene	40.000	37.002	7.5	70	0.00
58	Fluorene	40.000	34.864	12.8	70	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.232	1.9	75	0.00
60	Diethylphthalate	40.000	35.442	11.4	70	0.00
61	4-Chlorophenyl-phenylether	40.000	35.479	11.3	70	0.00
62	4-Nitroaniline	40.000	33.756	15.6	65	0.00
63	Azobenzene	40.000	36.422	8.9	71	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.867	5.3	79	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.075	9.8	72	0.00
67	4-Bromophenyl-phenylether	40.000	35.313	11.7	68	0.00
68	Hexachlorobenzene	40.000	35.903	10.2	68	0.00
69	Atrazine	40.000	36.643	8.4	74	0.00
70 C	Pentachlorophenol	40.000	33.237	16.9	65	0.00
71	Phenanthrene	40.000	36.120	9.7	70	0.00
72	Anthracene	40.000	35.782	10.5	70	0.00
73	Carbazole	40.000	35.250	11.9	68	0.00
74	Di-n-butylphthalate	40.000	35.967	10.1	69	0.00
75 C	Fluoranthene	40.000	34.929	12.7	68	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77	Benzidine	40.000	48.386	-21.0	89	0.00
78	Pyrene	40.000	35.297	11.8	66	0.00
79 S	Terphenyl-d14	80.000	73.542	8.1	68	0.00
80	Butylbenzylphthalate	40.000	35.741	10.6	64	0.00
81	Benzo(a)anthracene	40.000	35.620	11.0	62	0.00
82	3,3'-Dichlorobenzidine	40.000	42.643	-6.6	77	0.00
83	Chrysene	40.000	36.371	9.1	69	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.110	9.7	66	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	63	0.00
86 I	Perylene-d12	20.000	20.000	0.0	80	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	35.856	10.4	67	0.00
88	Benzo(b)fluoranthene	40.000	33.715	15.7	61	0.00
89	Benzo(k)fluoranthene	40.000	37.516	6.2	74	0.00
90 C	Benzo(a)pyrene	40.000	36.773	8.1	69	0.00
91	Dibenzo(a,h)anthracene	40.000	36.012	10.0	67	0.00
92	Benzo(g,h,i)perylene	40.000	36.942	7.6	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
2	1,4-Dioxane	0.546	0.486	11.0	71	0.00
3	Pyridine	1.462	1.191	18.5	63	0.00
4	n-Nitrosodimethylamine	0.899	0.829	7.8	73	0.00
5 S	2-Fluorophenol	1.264	1.111	12.1	68	0.00
6	Aniline	1.997	1.814	9.2	72	0.00
7 S	Phenol-d6	1.396	1.203	13.8	69	0.00
8	2-Chlorophenol	1.245	1.045	16.1	67	0.00
9	Benzaldehyde	1.084	0.944	12.9	73	0.00
10 C	Phenol	1.722	1.501	12.8	69	0.00
11	bis(2-Chloroethyl)ether	1.245	1.053	15.4	68	0.00
12	1,3-Dichlorobenzene	1.536	1.419	7.6	73	0.00
13 C	1,4-Dichlorobenzene	1.513	1.407	7.0	73	0.00
14	1,2-Dichlorobenzene	1.464	1.313	10.3	71	0.00
15	Benzyl Alcohol	1.135	1.031	9.2	72	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.018	13.7	68	0.00
17	2-Methylphenol	0.957	0.841	12.1	73	0.00
18	Hexachloroethane	0.541	0.469	13.3	69	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	0.790	12.5	72	0.00
20	3+4-Methylphenols	1.132	1.021	9.8	70	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	78	0.00
22	Acetophenone	0.432	0.416	3.7	74	0.00
23 S	Nitrobenzene-d5	0.365	0.323	11.5	68	0.00
24	Nitrobenzene	0.386	0.355	8.0	70	0.00
25	Isophorone	0.638	0.580	9.1	70	0.00
26 C	2-Nitrophenol	0.184	0.167	9.2	68	0.00
27	2,4-Dimethylphenol	0.273	0.269	1.5	73	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.350	12.1	67	0.00
29 C	2,4-Dichlorophenol	0.317	0.285	10.1	69	0.00
30	1,2,4-Trichlorobenzene	0.327	0.316	3.4	74	0.00
31	Naphthalene	0.944	0.846	10.4	68	0.00
32	Benzoic acid	0.173	0.191	-10.4	102	0.00
33	4-Chloroaniline	0.329	0.340	-3.3	79	0.00
34 C	Hexachlorobutadiene	0.267	0.255	4.5	74	0.00
35	Caprolactam	0.080	0.070	12.5	65	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.253	9.6	70	0.00
37	2-Methylnaphthalene	0.622	0.517	16.9	62	0.00
38	1-Methylnaphthalene	0.590	0.530	10.2	70	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.604	12.1	71	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.258	-21.7	99	0.00
42 S	2,4,6-Tribromophenol	0.255	0.218	14.5	69	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.380	15.0	67	0.00
44	2,4,5-Trichlorophenol	0.469	0.422	10.0	75	0.00
45 S	2-Fluorobiphenyl	1.421	1.203	15.3	69	0.00
46	1,1'-Biphenyl	1.432	1.265	11.7	71	0.00
47	2-Chloronaphthalene	1.199	1.047	12.7	71	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.356	0.326	8.4	71	0.00
49	Acenaphthylene	1.617	1.596	1.3	78	0.00
50	Dimethylphthalate	1.311	1.118	14.7	68	0.00
51	2,6-Dinitrotoluene	0.259	0.230	11.2	69	0.00
52 C	Acenaphthene	1.080	0.949	12.1	71	0.00
53	3-Nitroaniline	0.288	0.258	10.4	67	0.00
54 P	2,4-Dinitrophenol	0.140	0.144	-2.9	97	0.00
55	Dibenzofuran	1.499	1.280	14.6	68	0.00
56 P	4-Nitrophenol	0.195	0.187	4.1	83	0.00
57	2,4-Dinitrotoluene	0.350	0.324	7.4	70	0.00
58	Fluorene	1.143	0.996	12.9	70	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.324	1.8	75	0.00
60	Diethylphthalate	1.233	1.092	11.4	70	0.00
61	4-Chlorophenyl-phenylether	0.643	0.570	11.4	70	0.00
62	4-Nitroaniline	0.273	0.230	15.8	65	0.00
63	Azobenzene	1.167	1.062	9.0	71	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.121	5.5	79	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.576	9.9	72	0.00
67	4-Bromophenyl-phenylether	0.250	0.221	11.6	68	0.00
68	Hexachlorobenzene	0.307	0.276	10.1	68	0.00
69	Atrazine	0.210	0.192	8.6	74	0.00
70 C	Pentachlorophenol	0.146	0.121	17.1	65	0.00
71	Phenanthrene	0.994	0.897	9.8	70	0.00
72	Anthracene	1.026	0.918	10.5	70	0.00
73	Carbazole	0.874	0.770	11.9	68	0.00
74	Di-n-butylphthalate	1.071	0.963	10.1	69	0.00
75 C	Fluoranthene	1.098	0.958	12.8	68	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77	Benzydine	0.622	0.753	-21.1	89	0.00
78	Pyrene	1.438	1.269	11.8	66	0.00
79 S	Terphenyl-d14	1.144	1.052	8.0	68	0.00
80	Butylbenzylphthalate	0.544	0.486	10.7	64	0.00
81	Benzo(a)anthracene	1.352	1.204	10.9	62	0.00
82	3,3'-Dichlorobenzidine	0.470	0.502	-6.8	77	0.00
83	Chrysene	1.268	1.153	9.1	69	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.670	9.8	66	0.00
85 c	Di-n-octyl phthalate	1.277	1.122	12.1	63	0.00
86 I	Perylene-d12	1.000	1.000	0.0	80	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.231	10.3	67	0.00
88	Benzo(b)fluoranthene	1.131	0.953	15.7	61	0.00
89	Benzo(k)fluoranthene	1.043	0.978	6.2	74	0.00
90 C	Benzo(a)pyrene	1.014	0.933	8.0	69	0.00
91	Dibenzo(a,h)anthracene	1.087	0.979	9.9	67	0.00
92	Benzo(g,h,i)perylene	1.093	1.009	7.7	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

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



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>ARDM01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3385</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/27/2025</u> <u>10:27</u>
Lab File ID:	<u>BF144074.D</u>	Init. Calib. Date(s):	<u>10/24/2025</u> <u>10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:13</u> <u>16:24</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.899	0.858		-4.6	
2-Fluorophenol	1.264	1.380		9.2	
Phenol-d6	1.396	1.515		8.5	
Phenol	1.722	1.833		6.4	20.0
bis(2-Chloroethyl)ether	1.245	1.349		8.4	
2-Chlorophenol	1.245	1.332		7.0	
2,2-oxybis(1-Chloropropane)	2.339	2.496		6.7	
n-Nitroso-di-n-propylamine	0.903	0.952	0.050	5.4	
Nitrobenzene-d5	0.365	0.385		5.5	
Hexachloroethane	0.541	0.579		7.0	
Nitrobenzene	0.386	0.407		5.4	
Isophorone	0.638	0.683		7.1	
2-Nitrophenol	0.184	0.199		8.2	20.0
2,4-Dimethylphenol	0.273	0.309		13.2	
bis(2-Chloroethoxy)methane	0.398	0.425		6.8	
2,4-Dichlorophenol	0.317	0.336		6.0	20.0
1,2,4-Trichlorobenzene	0.327	0.335		2.4	
Naphthalene	0.944	0.998		5.7	
Hexachlorobutadiene	0.267	0.273		2.2	20.0
4-Chloro-3-methylphenol	0.280	0.302		7.9	20.0
Hexachlorocyclopentadiene	0.212	0.233	0.050	9.9	
2,4,6-Trichlorophenol	0.447	0.457		2.2	20.0
2-Fluorobiphenyl	1.421	1.420		-0.1	
2-Chloronaphthalene	1.199	1.226		2.2	
Dimethylphthalate	1.311	1.344		2.5	
Acenaphthylene	1.617	1.654		2.3	
2,6-Dinitrotoluene	0.259	0.282		8.9	
Acenaphthene	1.080	1.105		2.3	20.0
2,4-Dinitrophenol	0.140	0.137	0.050	-2.1	
4-Nitrophenol	0.195	0.203	0.050	4.1	
2,4-Dinitrotoluene	0.350	0.367		4.9	
Diethylphthalate	1.233	1.247		1.1	
4-Chlorophenyl-phenylether	0.643	0.665		3.4	
Fluorene	1.143	1.167		2.1	
4,6-Dinitro-2-methylphenol	0.128	0.134		4.7	
n-Nitrosodiphenylamine	0.639	0.685		7.2	20.0
Azobenzene	1.167	1.180		1.1	
2,4,6-Tribromophenol	0.255	0.270		5.9	
4-Bromophenyl-phenylether	0.250	0.275		10.0	



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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ARDM01
 Lab Code: ACE SDG No.: Q3385
 Instrument ID: BNA_F Calibration Date/Time: 10/27/2025 10:27
 Lab File ID: BF144074.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.307	0.333		8.5	
Pentachlorophenol	0.146	0.160		9.6	20.0
Phenanthrene	0.994	1.034		4.0	
Anthracene	1.026	1.032		0.6	
Di-n-butylphthalate	1.071	1.039		-3.0	
Fluoranthene	1.098	1.041		-5.2	20.0
Benzidine	0.622	0.645		3.7	
Pyrene	1.438	1.685		17.2	
Terphenyl-d14	1.144	1.306		14.2	
Butylbenzylphthalate	0.544	0.551		1.3	
3,3-Dichlorobenzidine	0.470	0.505		7.4	
Benzo(a)anthracene	1.352	1.462		8.1	
Chrysene	1.268	1.310		3.3	
Bis(2-ethylhexyl)phthalate	0.743	0.742		-0.1	
Di-n-octyl phthalate	1.277	1.328		4.0	20.0
Benzo(b)fluoranthene	1.131	1.120		-1.0	
Benzo(k)fluoranthene	1.043	1.032		-1.1	
Benzo(a)pyrene	1.014	1.060		4.5	20.0
Indeno(1,2,3-cd)pyrene	1.373	1.510		10.0	
Dibenzo(a,h)anthracene	1.087	1.187		9.2	
Benzo(g,h,i)perylene	1.093	1.200		9.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	204208	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	113226	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	184414	20.000	ng	0.00
76) Chrysene-d12	14.057	240	112717	20.000	ng	0.00
86) Perylene-d12	15.545	264	164562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	301448	87.355	ng	0.00
7) Phenol-d6	6.510	99	330814	86.803	ng	0.00
23) Nitrobenzene-d5	7.445	82	314127	84.277	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122439	84.893	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	642905	79.903	ng	0.00
79) Terphenyl-d14	12.998	244	588700	91.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	59552	39.936	ng	96
3) Pyridine	3.393	79	166522	41.712	ng	99
4) n-Nitrosodimethylamine	3.340	42	93637	38.172	ng	95
6) Aniline	6.545	93	234678	43.042	ng	96
8) 2-Chlorophenol	6.663	128	145493	42.812	ng	98
9) Benzaldehyde	6.434	77	116032	39.213	ng	99
10) Phenol	6.522	94	200102	42.559	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	147253	43.342	ng	97
12) 1,3-Dichlorobenzene	6.822	146	179182	42.743	ng	99
13) 1,4-Dichlorobenzene	6.898	146	177496	42.963	ng	99
14) 1,2-Dichlorobenzene	7.051	146	169286	42.349	ng	99
15) Benzyl Alcohol	7.022	79	136290	43.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	272539	42.682	ng	97
17) 2-Methylphenol	7.134	107	113631	43.474	ng	97
18) Hexachloroethane	7.392	117	63229	42.808	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	103980	42.191	ng	98
20) 3+4-Methylphenols	7.286	107	133106	43.078	ng	# 84
22) Acetophenone	7.292	105	186251	42.203	ng	93
24) Nitrobenzene	7.463	77	166205	42.153	ng	100
25) Isophorone	7.698	82	278979	42.811	ng	99
26) 2-Nitrophenol	7.781	139	81158	43.268	ng	100
27) 2,4-Dimethylphenol	7.816	122	126382	45.340	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	173620	42.723	ng	99
29) 2,4-Dichlorophenol	8.022	162	137420	42.393	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	136990	41.079	ng	97
31) Naphthalene	8.186	128	407407	42.271	ng	99
32) Benzoic acid	7.922	122	73873	41.781	ng	# 83
33) 4-Chloroaniline	8.233	127	148161	44.158	ng	97
34) Hexachlorobutadiene	8.298	225	111465	40.877	ng	97
35) Caprolactam	8.598	113	35660	43.869	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	123434	43.150	ng	96
37) 2-Methylnaphthalene	8.875	142	271332	42.699	ng	97
38) 1-Methylnaphthalene	8.975	142	259791	43.152	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	161259	41.440	ng	98
41) Hexachlorocyclopentadiene	9.028	237	52737	43.878	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	103575	40.949	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

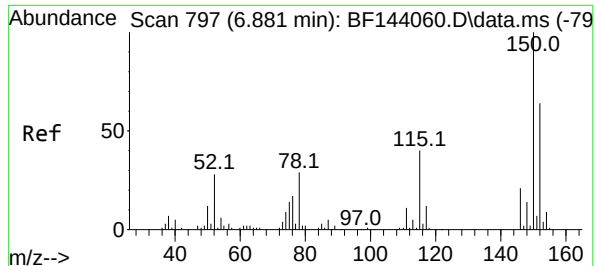
Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113082	42.599	ng	95
46) 1,1'-Biphenyl	9.339	154	324424	40.027	ng	100
47) 2-Chloronaphthalene	9.369	162	277516	40.869	ng	97
48) 2-Nitroaniline	9.463	65	87054	43.173	ng	98
49) Acenaphthylene	9.780	152	374544	40.908	ng	100
50) Dimethylphthalate	9.633	163	304442	41.020	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63869	43.531	ng	95
52) Acenaphthene	9.957	154	250322	40.938	ng	98
53) 3-Nitroaniline	9.875	138	66981	41.061	ng	96
54) 2,4-Dinitrophenol	9.980	184	30917	38.960	ng	99
55) Dibenzofuran	10.127	168	350742	41.318	ng	96
56) 4-Nitrophenol	10.033	139	45872	41.527	ng	93
57) 2,4-Dinitrotoluene	10.104	165	83007	41.918	ng	96
58) Fluorene	10.469	166	264329	40.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81964	43.817	ng	98
60) Diethylphthalate	10.339	149	282370	40.457	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	150675	41.424	ng	98
62) 4-Nitroaniline	10.486	138	63652	41.182	ng	98
63) Azobenzene	10.622	77	267316	40.465	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	49356	41.715	ng	96
66) n-Nitrosodiphenylamine	10.580	169	252814	42.907	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	101473	43.947	ng	98
68) Hexachlorobenzene	11.022	284	123002	43.436	ng	97
69) Atrazine	11.104	200	74391	38.475	ng	99
70) Pentachlorophenol	11.216	266	59017	43.784	ng	96
71) Phenanthrene	11.433	178	381184	41.610	ng	98
72) Anthracene	11.486	178	380792	40.239	ng	98
73) Carbazole	11.645	167	324513	40.288	ng	99
74) Di-n-butylphthalate	11.969	149	383099	38.793	ng	99
75) Fluoranthene	12.627	202	383968	37.938	ng	100
77) Benzidine	12.751	184	145430	41.457	ng	100
78) Pyrene	12.857	202	379834	46.872	ng	99
80) Butylbenzylphthalate	13.474	149	124111	40.484	ng	98
81) Benzo(a)anthracene	14.051	228	329626	43.272	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	113938	42.969	ng	100
83) Chrysene	14.086	228	295359	41.319	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	167373	39.991	ng	99
85) Di-n-octyl phthalate	14.645	149	299304	41.585	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.051	276	496906	43.981	ng	100
88) Benzo(b)fluoranthene	15.110	252	368610	39.622	ng	99
89) Benzo(k)fluoranthene	15.139	252	339785	39.586	ng	99
90) Benzo(a)pyrene	15.480	252	348799	41.791	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	390777	43.695	ng	99
92) Benzo(g,h,i)perylene	17.509	276	394850	43.914	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

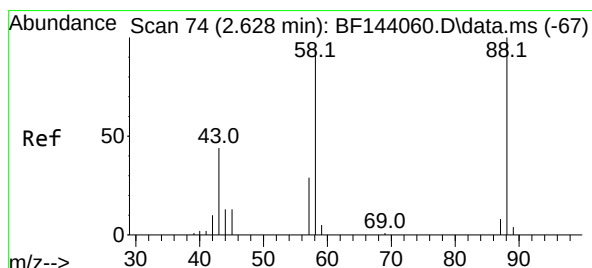
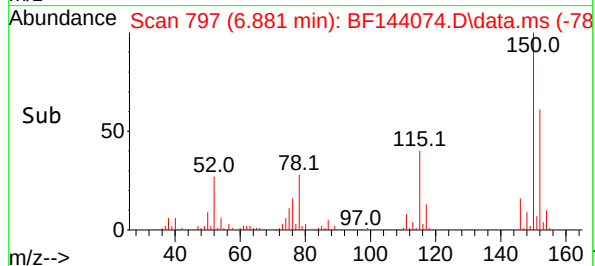
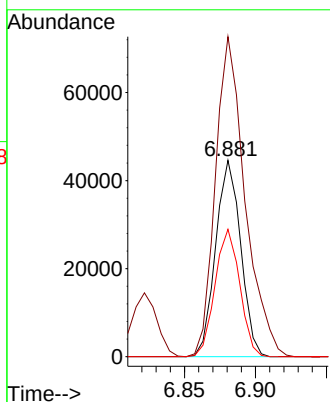
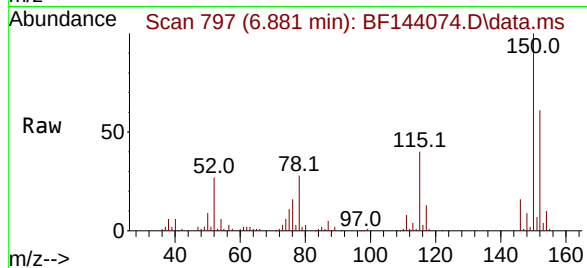
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

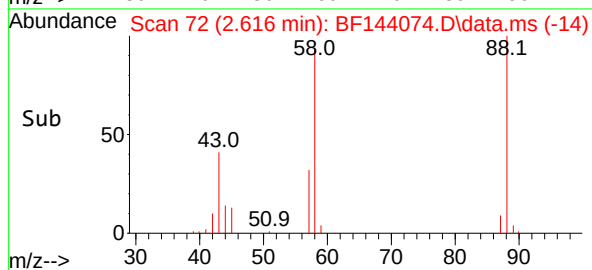
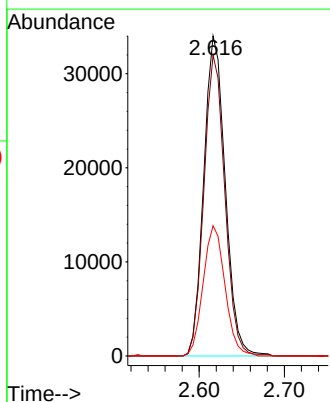
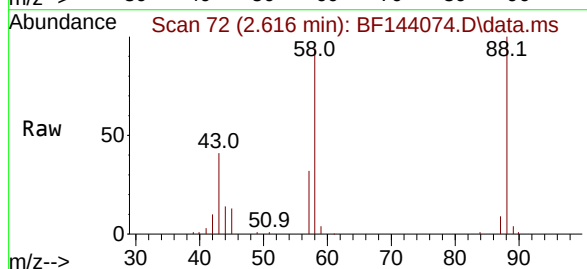
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

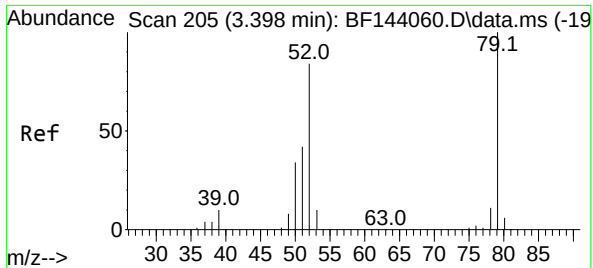
Tgt Ion:152 Resp: 54596
Ion Ratio Lower Upper
152 100
150 163.1 124.4 186.6
115 64.9 49.4 74.0



#2
1,4-Dioxane
Concen: 39.936 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.012 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 88 Resp: 59552
Ion Ratio Lower Upper
88 100
58 91.7 76.5 114.7
43 41.3 35.3 52.9

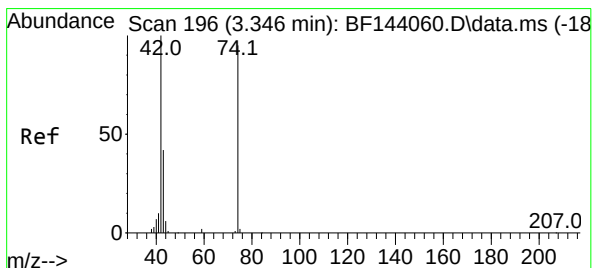
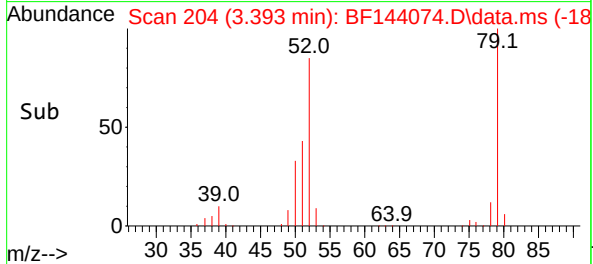
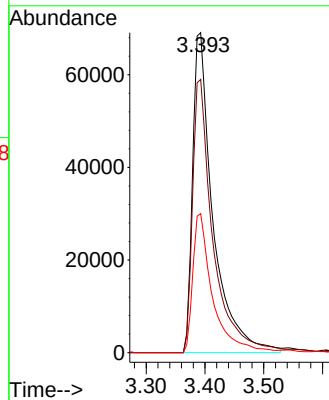
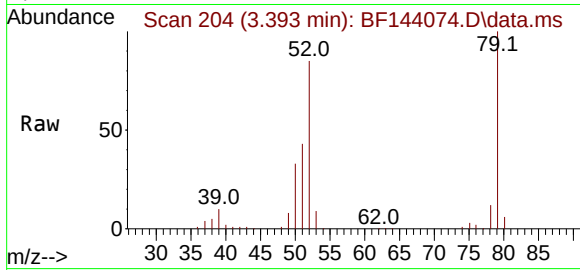




#3
Pyridine
Concen: 41.712 ng
RT: 3.393 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

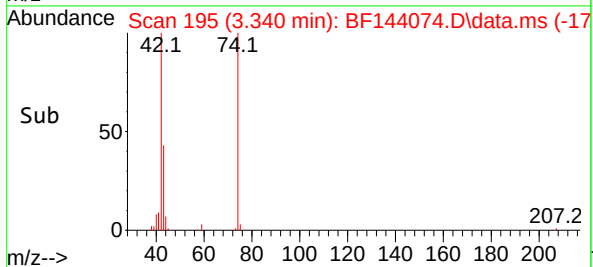
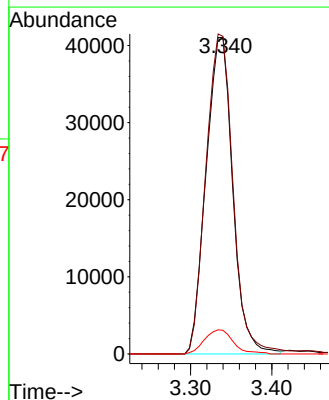
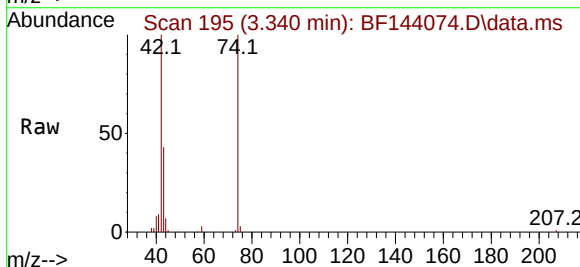
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

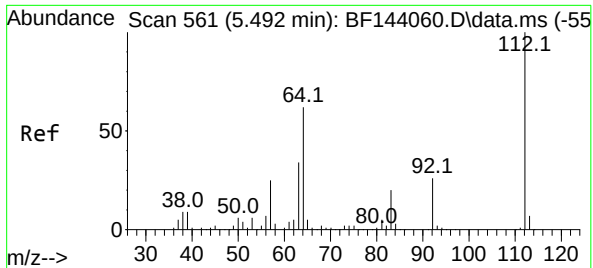
Tgt Ion: 79 Resp: 166522
Ion Ratio Lower Upper
79 100
52 85.4 67.5 101.3
51 43.5 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 38.172 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 42 Resp: 93637
Ion Ratio Lower Upper
42 100
74 100.3 76.4 114.6
44 7.5 5.2 7.8

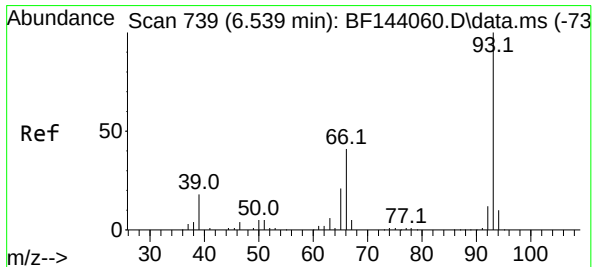
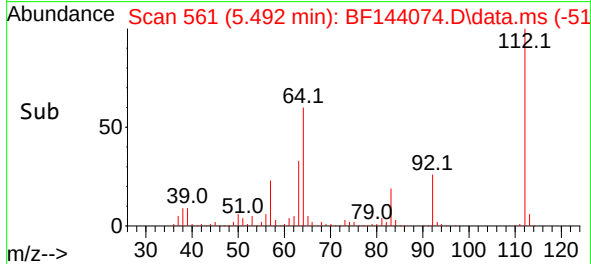
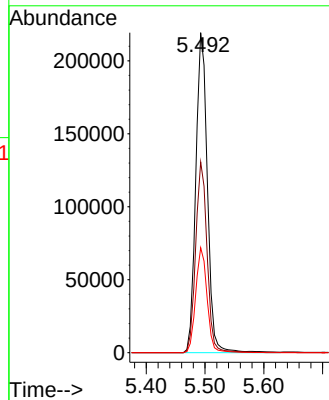
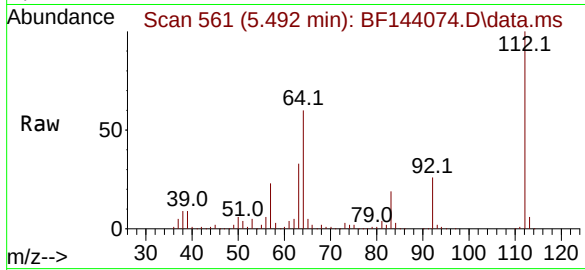




#5
2-Fluorophenol
Concen: 87.355 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

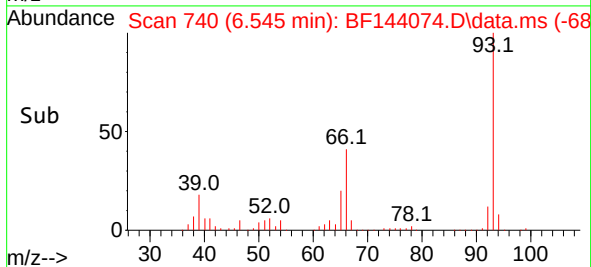
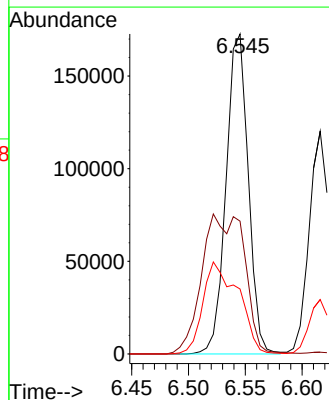
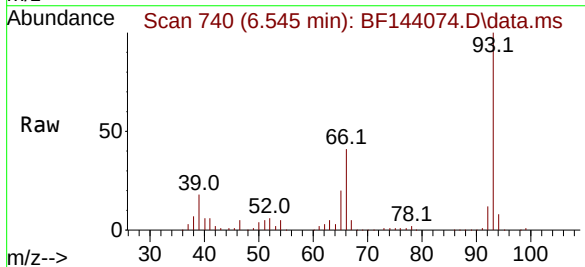
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

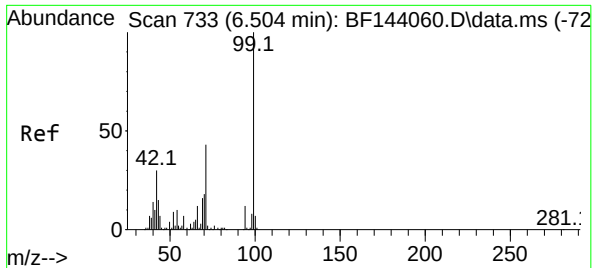
Tgt Ion:112 Resp: 301448
Ion Ratio Lower Upper
112 100
64 59.6 49.8 74.8
63 32.8 27.4 41.2



#6
Aniline
Concen: 43.042 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 93 Resp: 234678
Ion Ratio Lower Upper
93 100
66 41.5 35.7 53.5
65 20.3 17.0 25.6

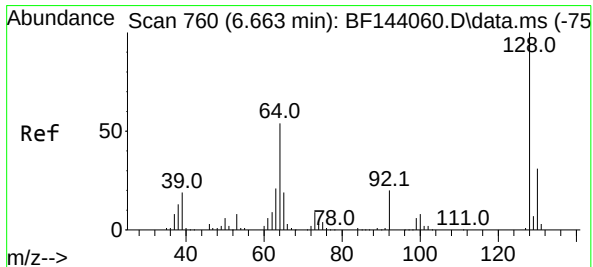
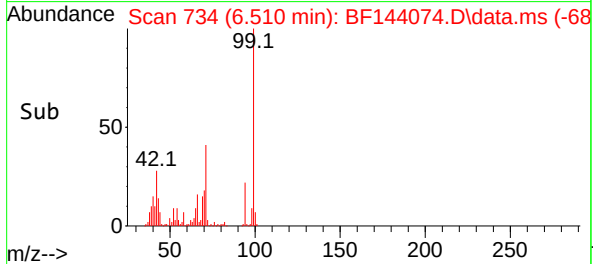
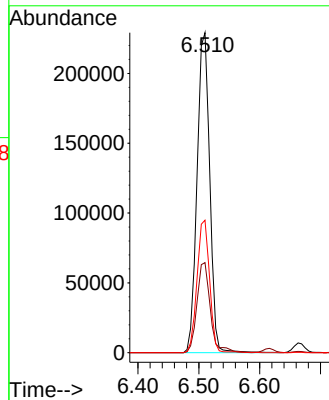
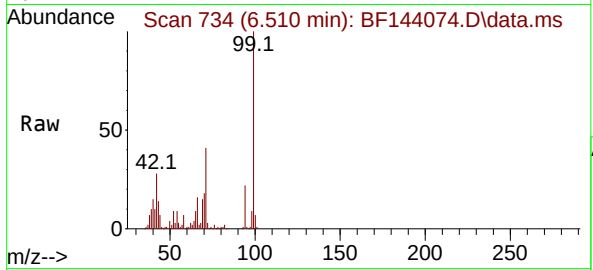




#7
Phenol-d6
Concen: 86.803 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

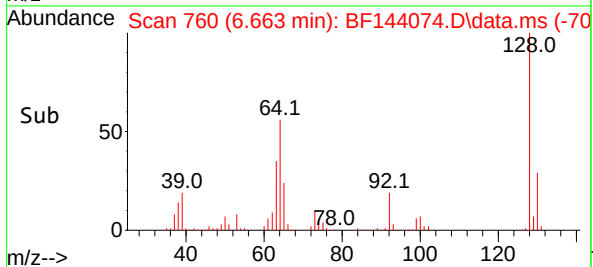
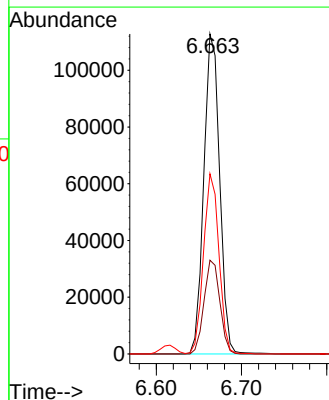
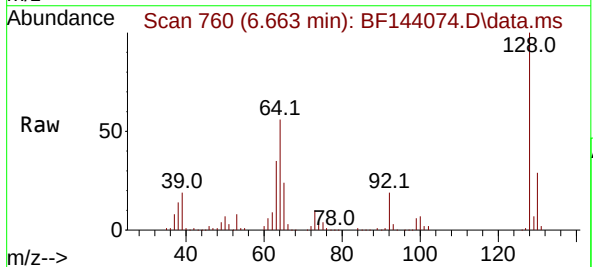
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

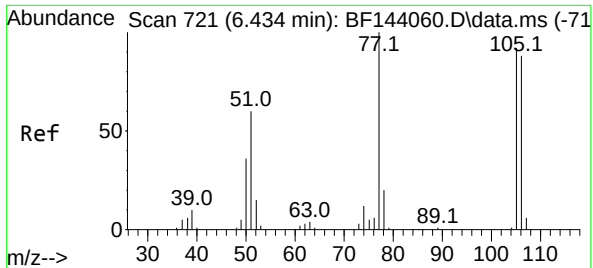
Tgt Ion: 99 Resp: 330814
Ion Ratio Lower Upper
99 100
42 28.2 23.9 35.9
71 41.4 34.4 51.6



#8
2-Chlorophenol
Concen: 42.812 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 128 Resp: 145493
Ion Ratio Lower Upper
128 100
130 29.3 10.7 50.7
64 56.3 34.7 74.7





#9

Benzaldehyde

Concen: 39.213 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

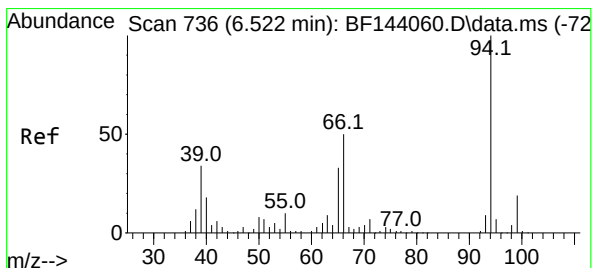
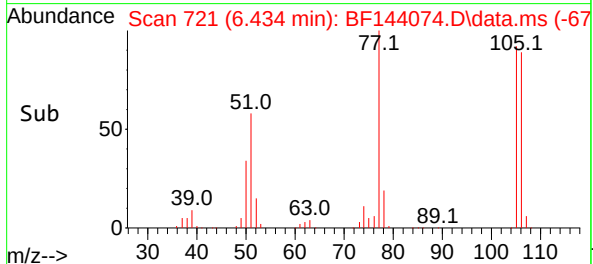
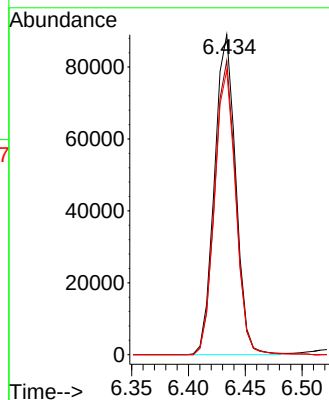
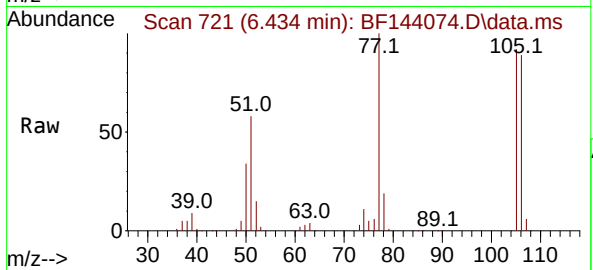
Tgt Ion: 77 Resp: 116032

Ion Ratio Lower Upper

77 100

105 91.9 72.2 112.2

106 88.9 67.9 107.9



#10

Phenol

Concen: 42.559 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

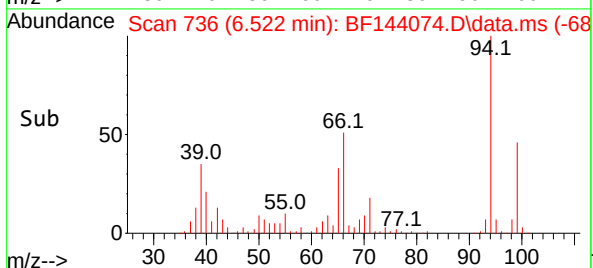
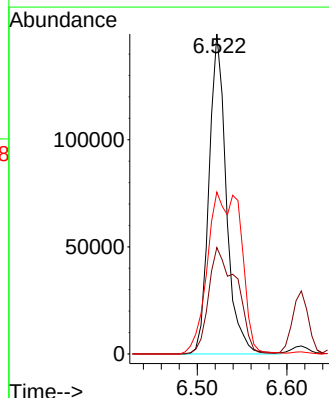
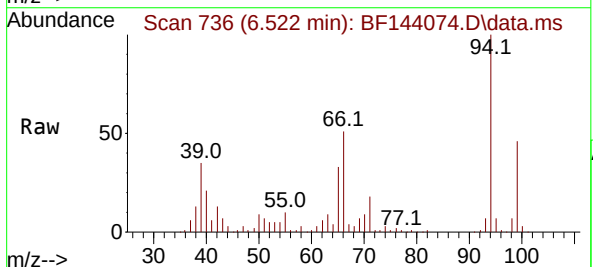
Tgt Ion: 94 Resp: 200102

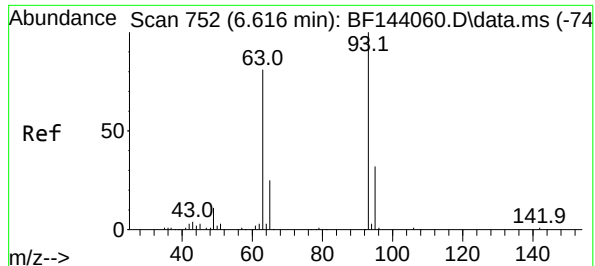
Ion Ratio Lower Upper

94 100

65 33.3 13.1 53.1

66 50.6 30.6 70.6

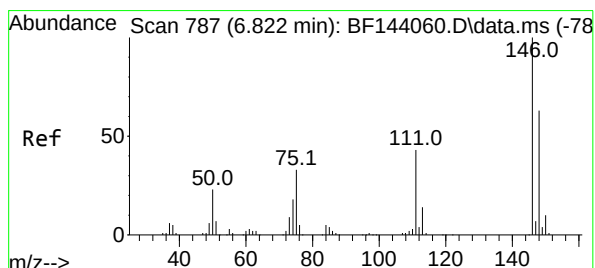
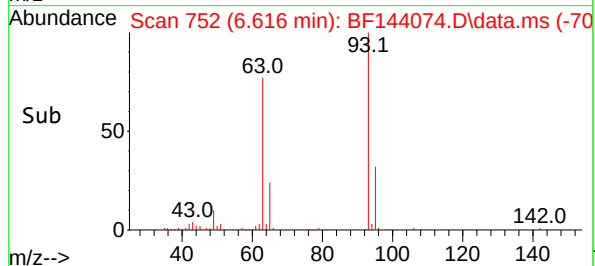
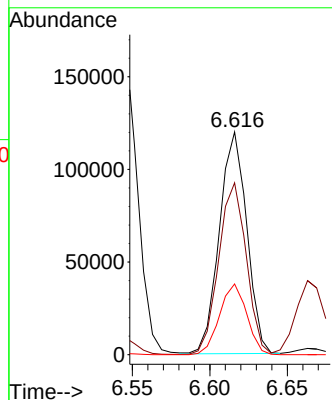
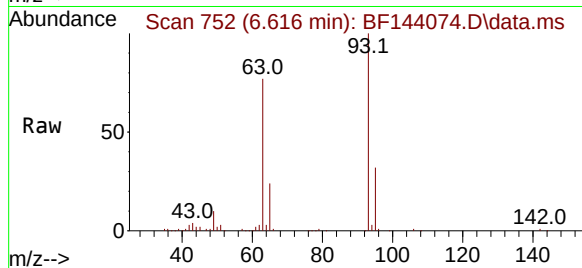




#11
bis(2-Chloroethyl)ether
Concen: 43.342 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

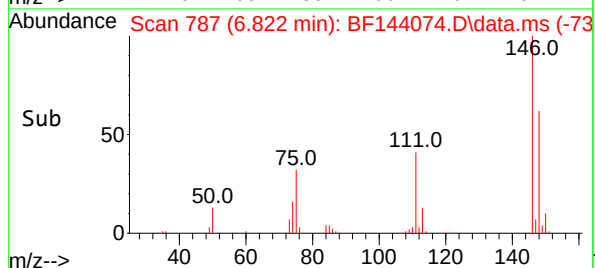
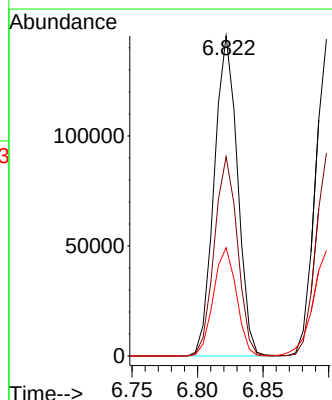
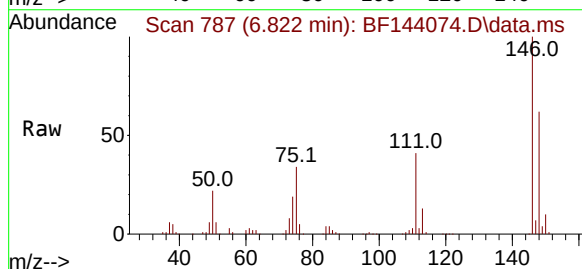
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

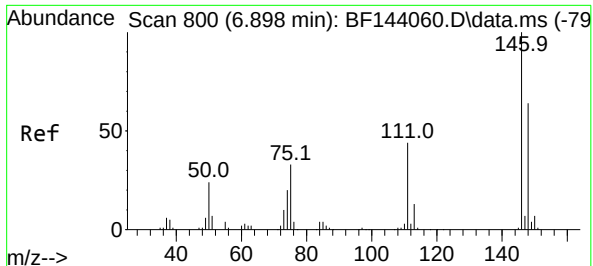
Tgt Ion: 93 Resp: 147253
Ion Ratio Lower Upper
93 100
63 77.2 60.2 100.2
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.743 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:146 Resp: 179182
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
75 33.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.963 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

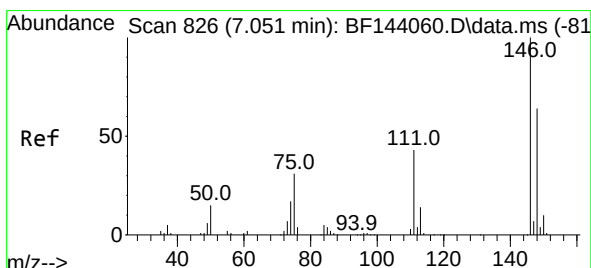
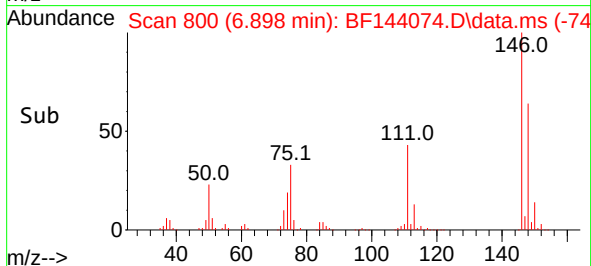
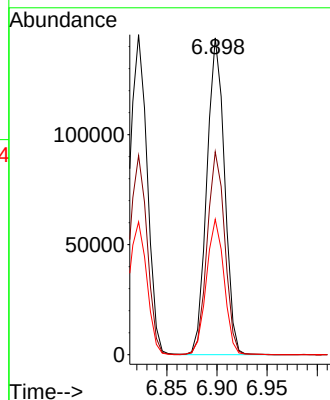
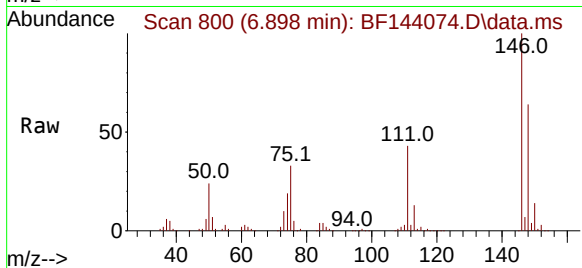
Tgt Ion:146 Resp: 177496

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 42.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 42.349 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

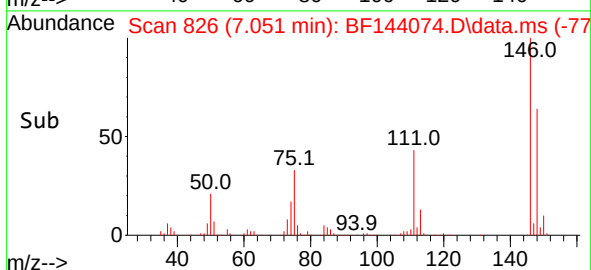
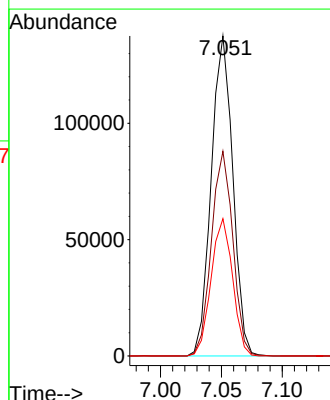
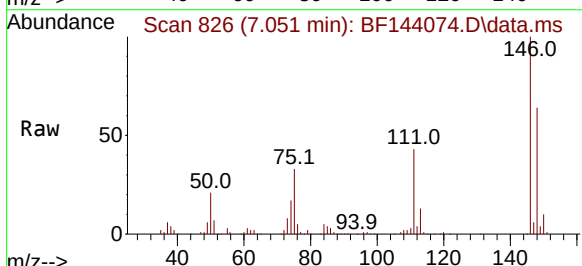
Tgt Ion:146 Resp: 169286

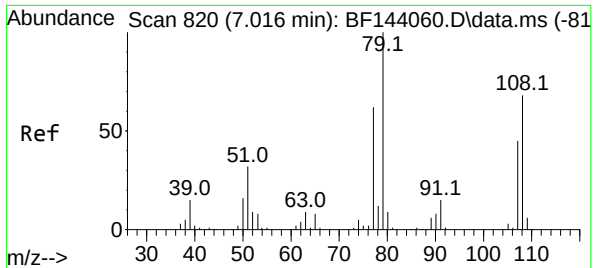
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 42.9 34.7 52.1

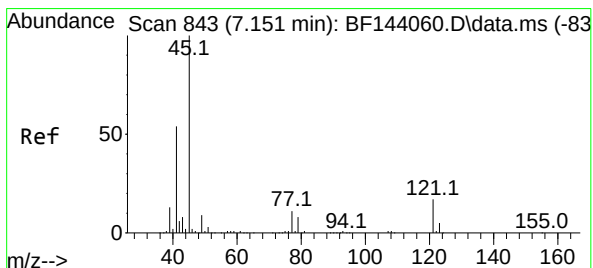
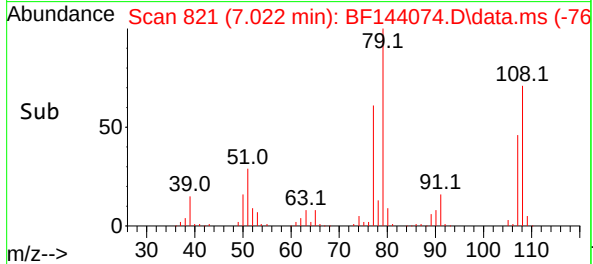
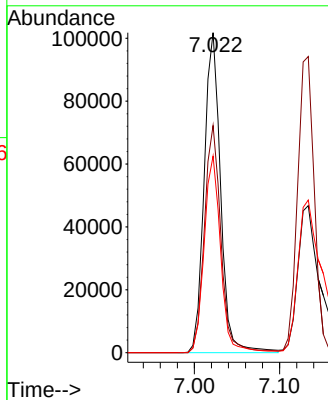
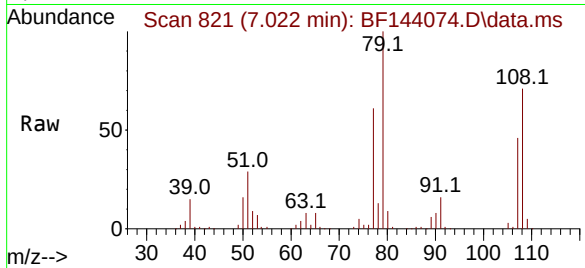




#15
Benzyl Alcohol
Concen: 43.981 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

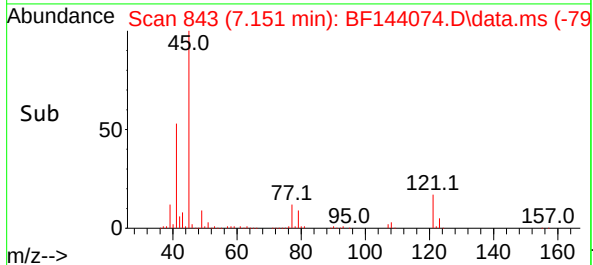
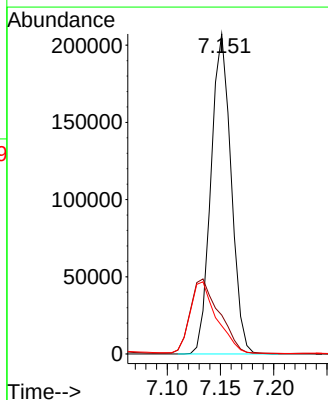
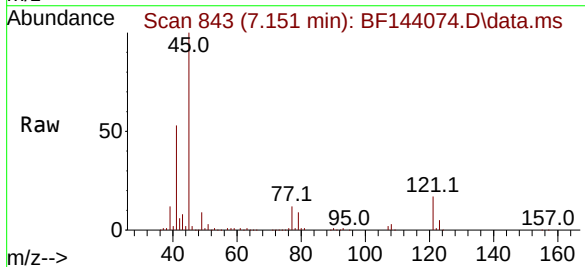
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

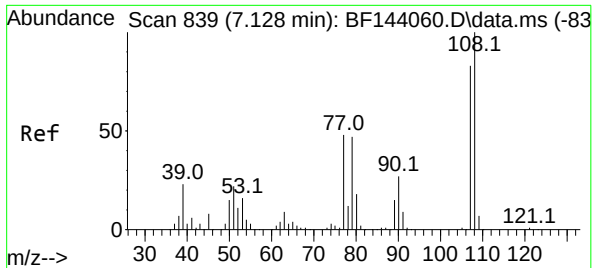
Tgt Ion: 79 Resp: 136290
Ion Ratio Lower Upper
79 100
108 71.0 54.8 82.2
77 61.4 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.682 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 45 Resp: 272539
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.9
79 8.8 0.0 28.2

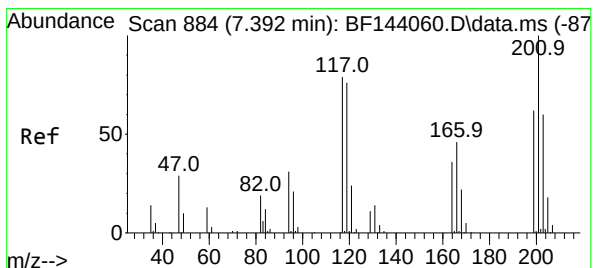
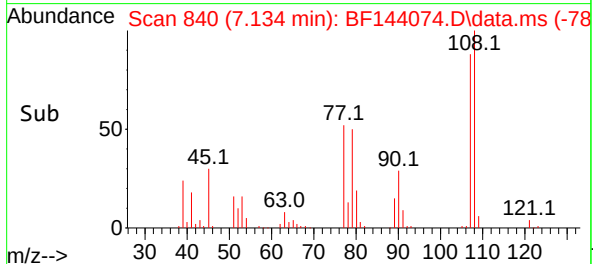
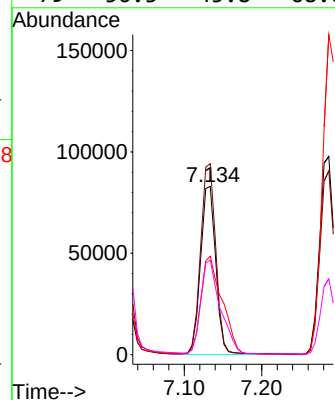
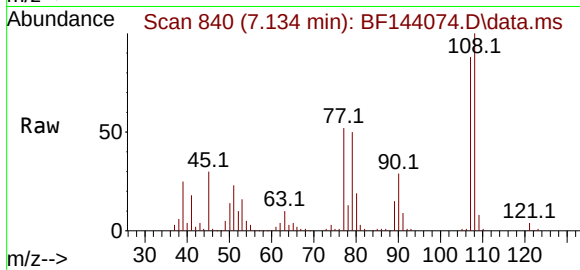




#17
2-Methylphenol
Concen: 43.474 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

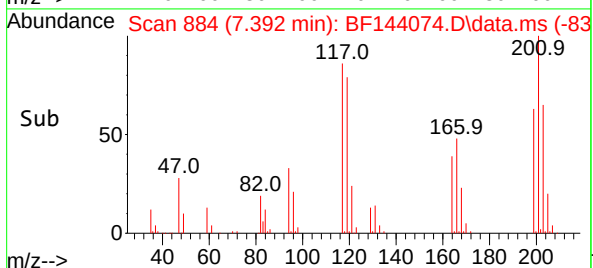
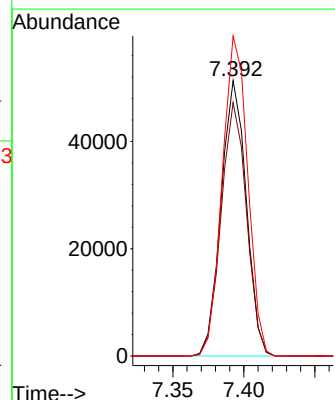
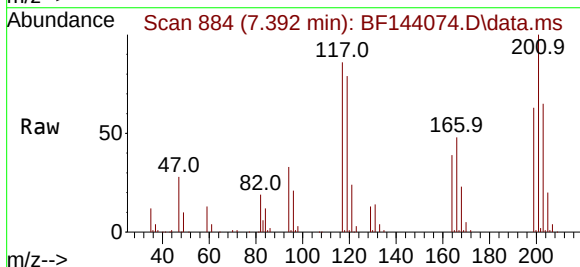
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

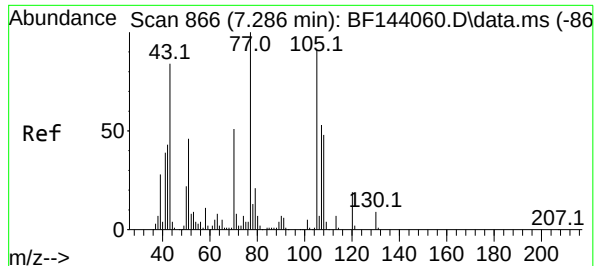
Tgt Ion:107 Resp: 113631
Ion Ratio Lower Upper
107 100
108 113.5 96.4 144.6
77 58.5 46.8 70.2
79 56.3 45.8 68.6



#18
Hexachloroethane
Concen: 42.808 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:117 Resp: 63229
Ion Ratio Lower Upper
117 100
119 92.0 76.6 115.0
201 116.2 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.191 ng

RT: 7.292 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 103980

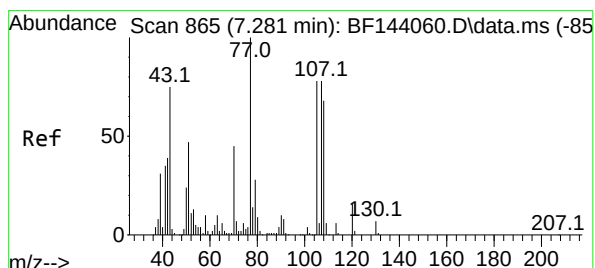
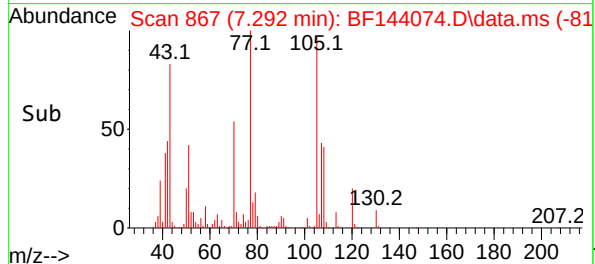
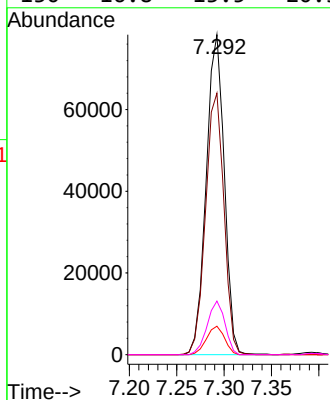
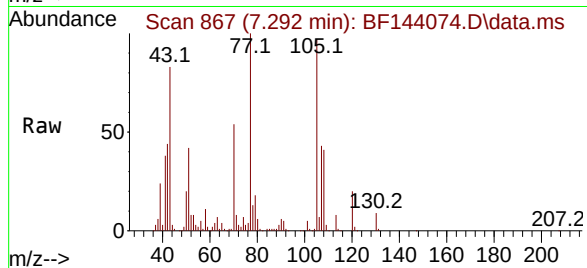
Ion Ratio Lower Upper

70 100

42 81.7 67.4 101.0

101 8.9 7.1 10.7

130 16.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 43.078 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion: 107 Resp: 133106

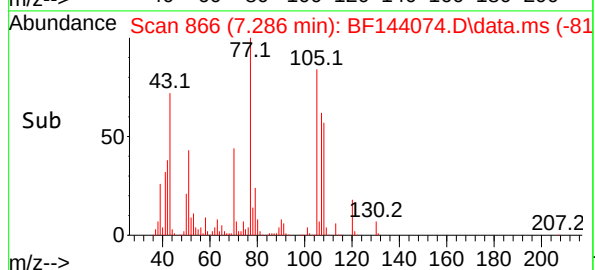
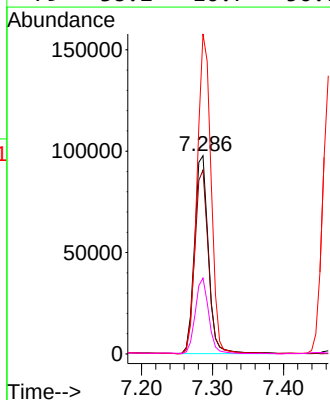
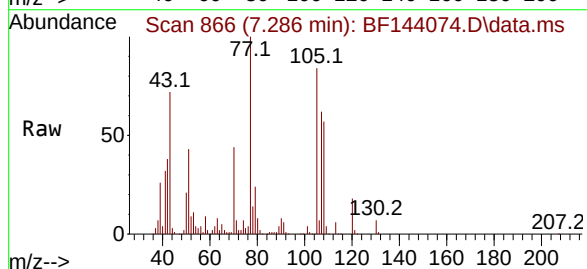
Ion Ratio Lower Upper

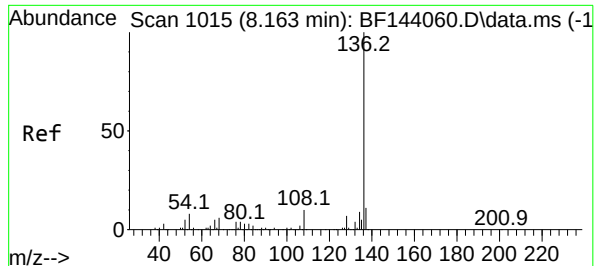
107 100

108 92.8 68.0 108.0

77 161.4 108.7 148.7#

79 38.2 16.7 56.7

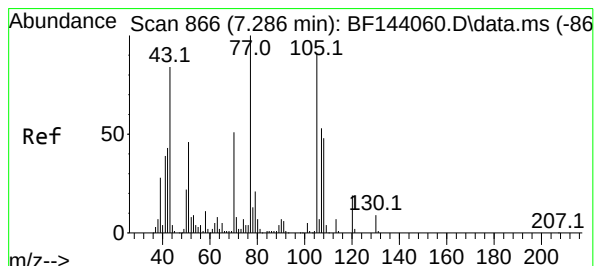
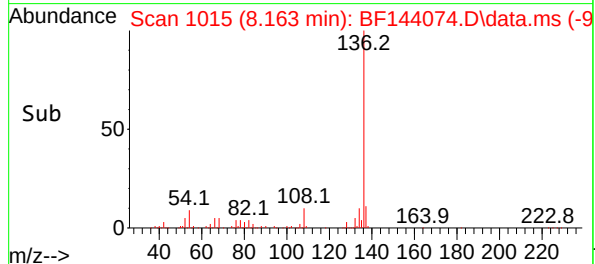
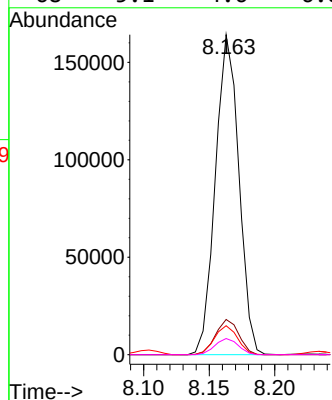
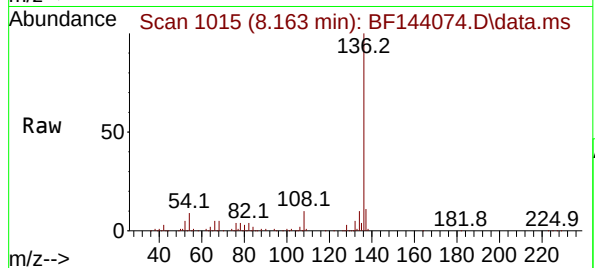




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

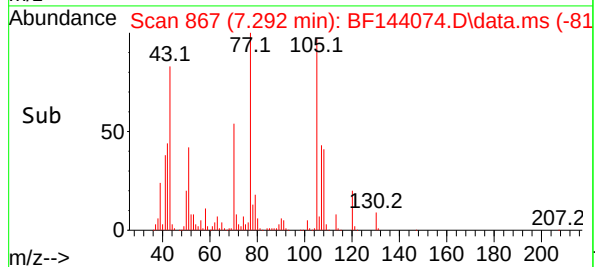
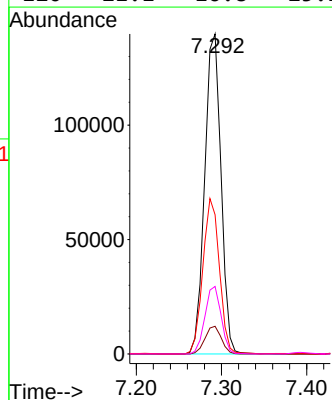
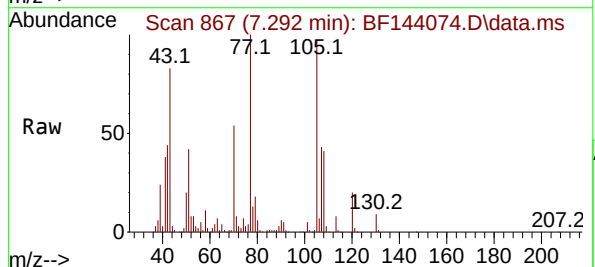
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

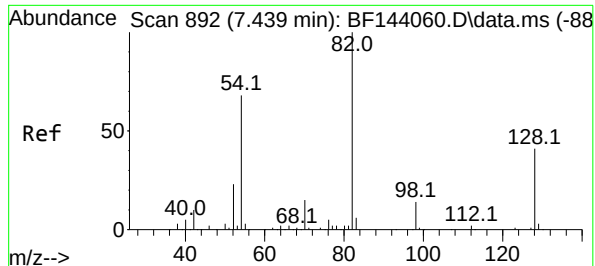
Tgt Ion:136 Resp: 204208
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.6 9.8
68 5.1 4.6 6.8



#22
Acetophenone
Concen: 42.203 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:105 Resp: 186251
Ion Ratio Lower Upper
105 100
71 8.7 6.9 10.3
51 43.5 40.6 60.8
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 84.277 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

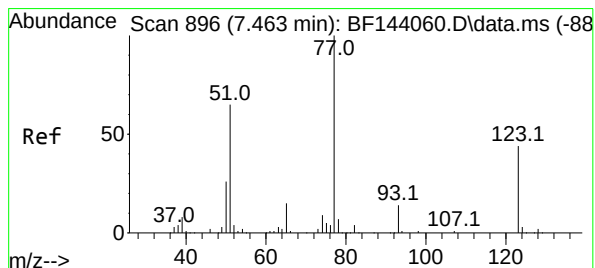
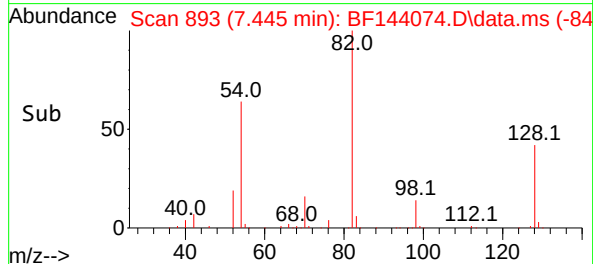
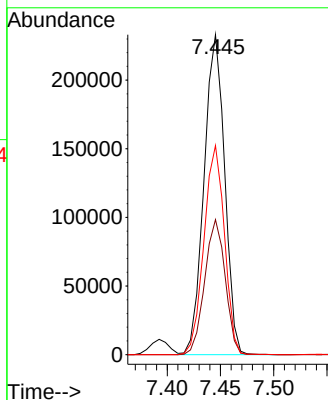
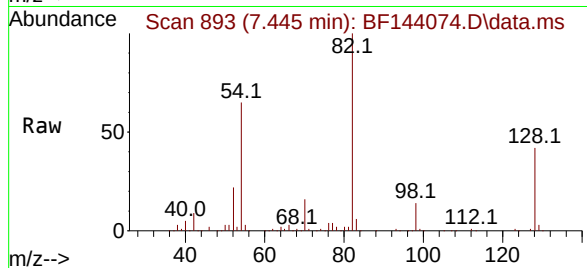
Tgt Ion: 82 Resp: 314127

Ion Ratio Lower Upper

82 100

128 42.2 32.4 48.6

54 65.3 54.0 81.0



#24

Nitrobenzene

Concen: 42.153 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

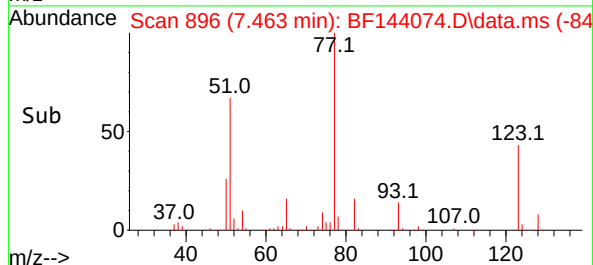
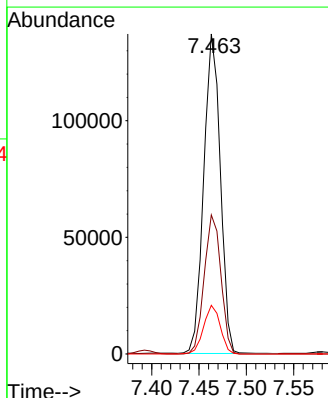
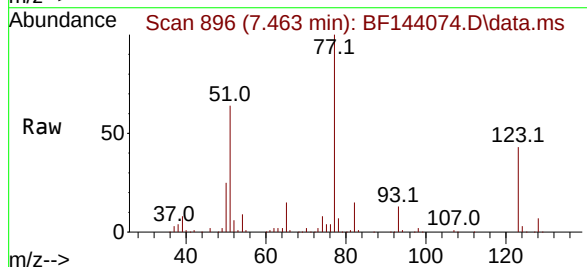
Tgt Ion: 77 Resp: 166205

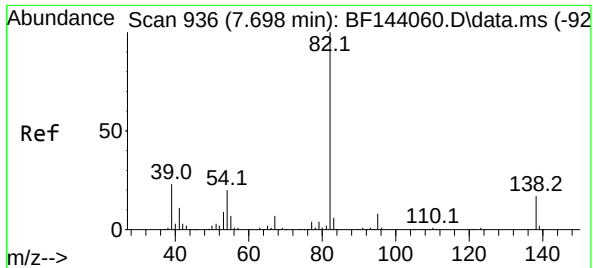
Ion Ratio Lower Upper

77 100

123 43.4 35.0 52.6

65 15.2 12.2 18.2

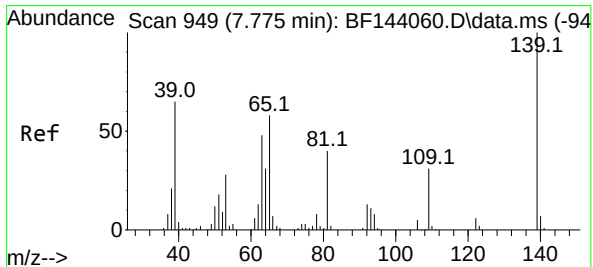
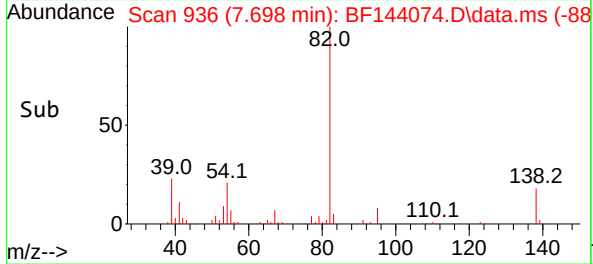
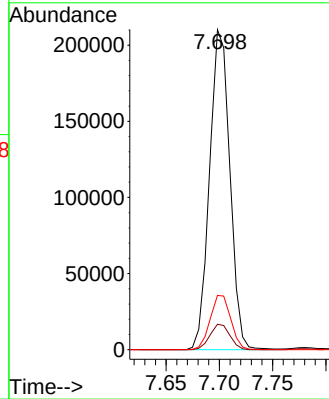
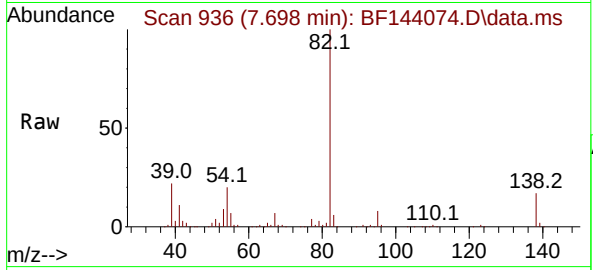




#25
Isophorone
Concen: 42.811 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

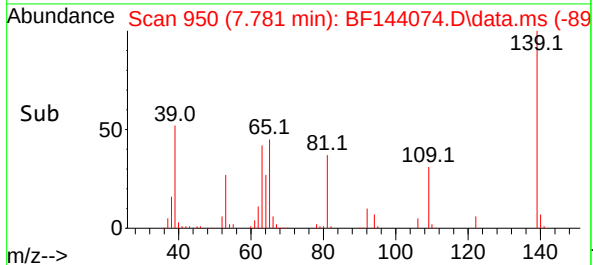
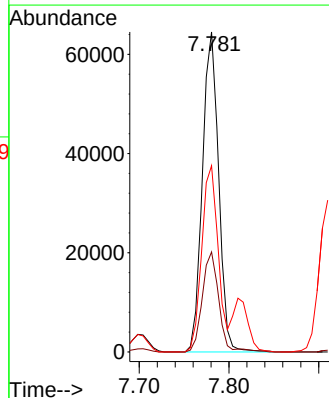
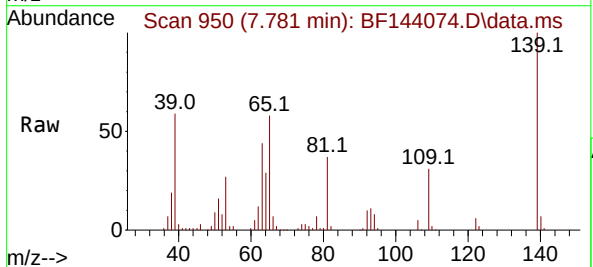
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

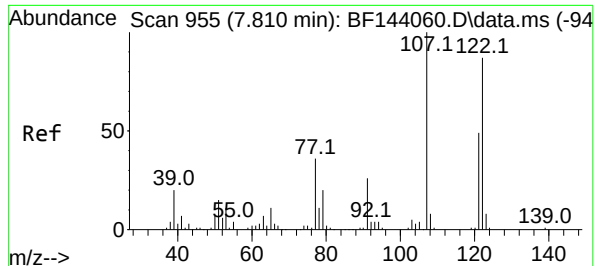
Tgt Ion: 82 Resp: 278979
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.9 13.8 20.8



#26
2-Nitrophenol
Concen: 43.268 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:139 Resp: 81158
Ion Ratio Lower Upper
139 100
109 31.2 24.6 37.0
65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 45.340 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

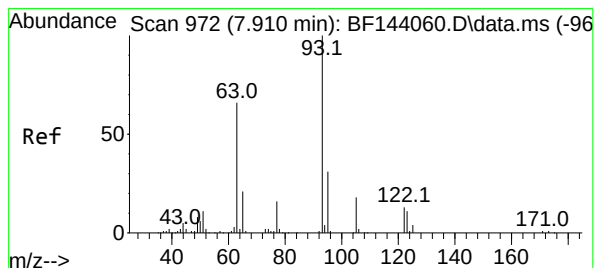
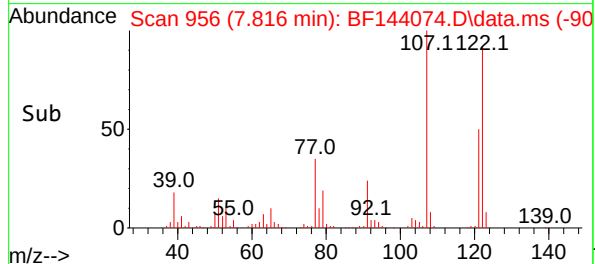
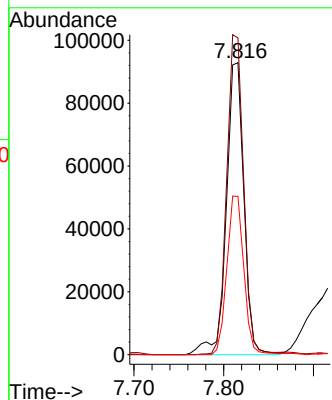
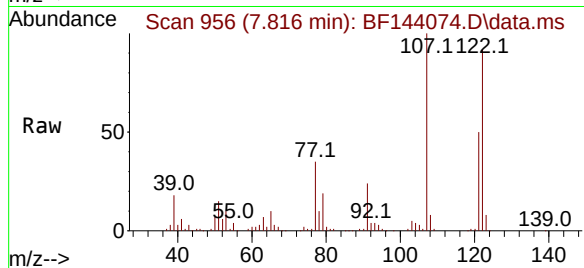
Tgt Ion:122 Resp: 126382

Ion Ratio Lower Upper

122 100

107 108.5 91.8 137.8

121 54.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.723 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

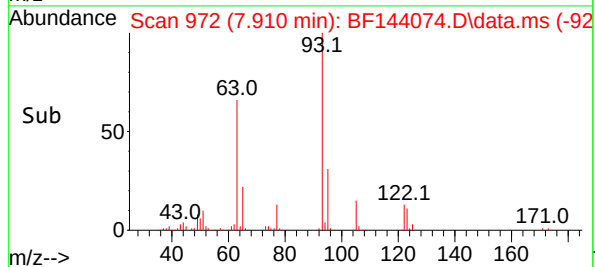
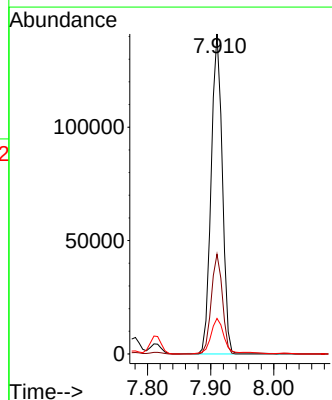
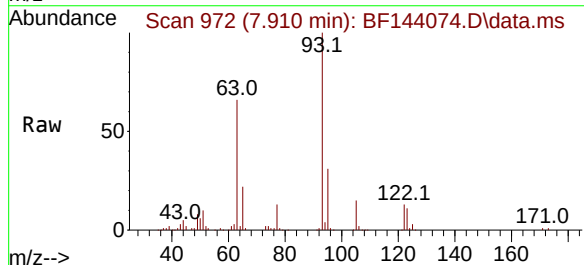
Tgt Ion: 93 Resp: 173620

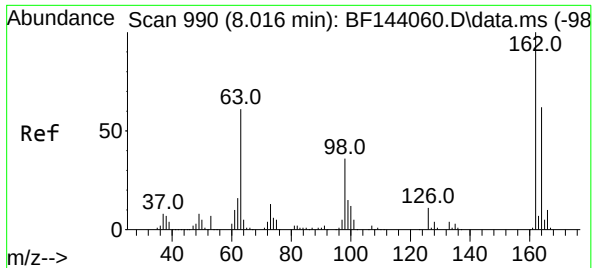
Ion Ratio Lower Upper

93 100

95 31.2 24.6 36.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.393 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

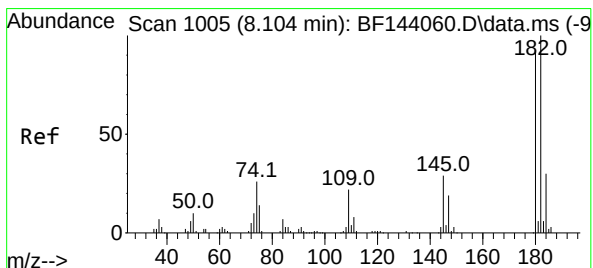
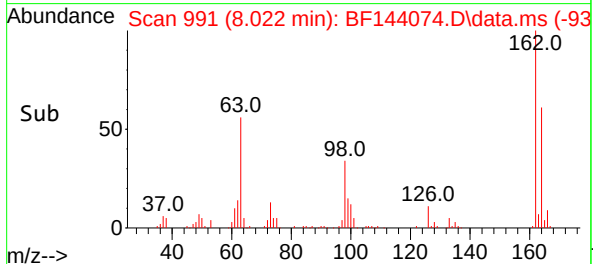
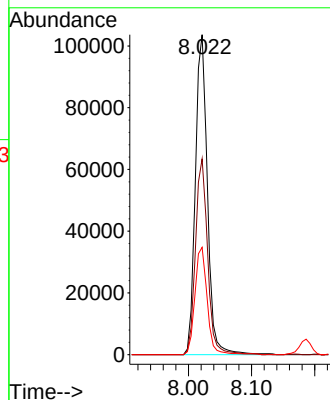
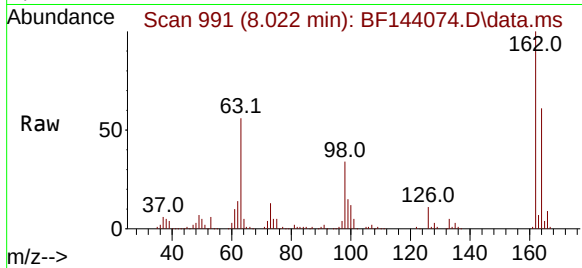
Tgt Ion:162 Resp: 137420

Ion Ratio Lower Upper

162 100

164 61.2 42.1 82.1

98 33.5 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 41.079 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

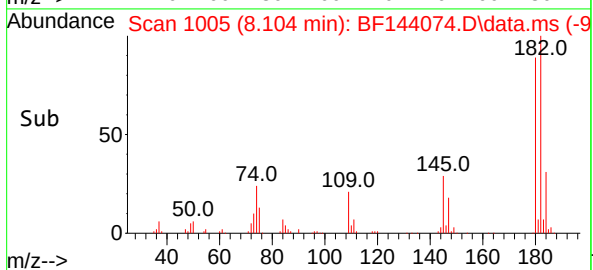
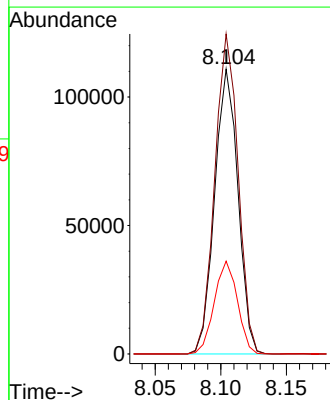
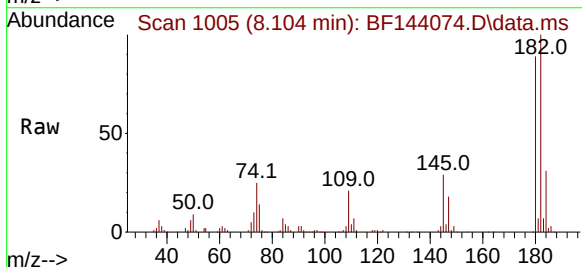
Tgt Ion:180 Resp: 136990

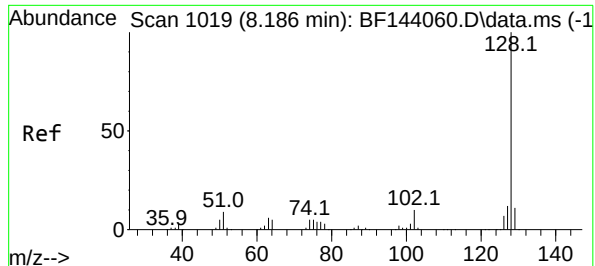
Ion Ratio Lower Upper

180 100

182 112.3 87.1 130.7

145 32.6 25.3 37.9





#31

Naphthalene

Concen: 42.271 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

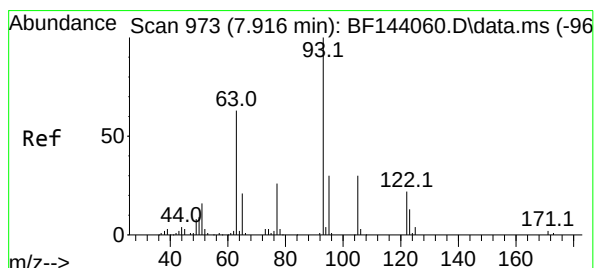
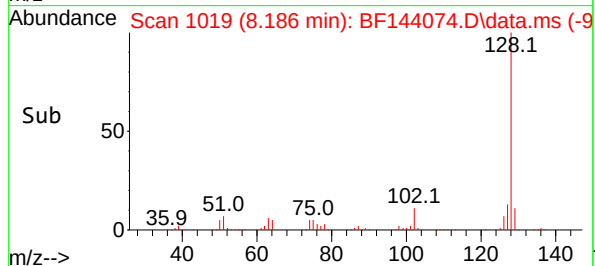
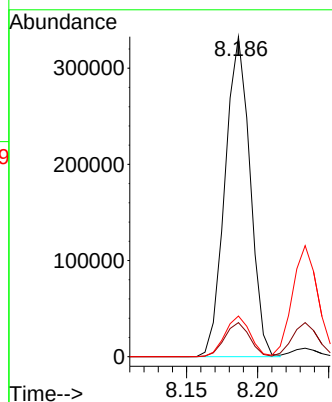
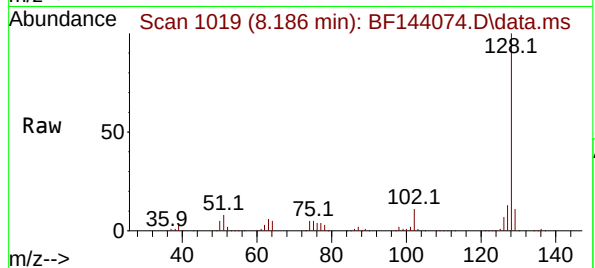
Tgt Ion:128 Resp: 407407

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 12.7 9.9 14.9



#32

Benzoic acid

Concen: 41.781 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

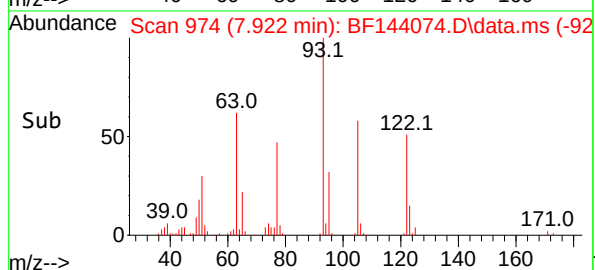
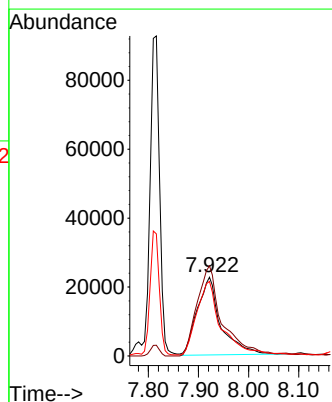
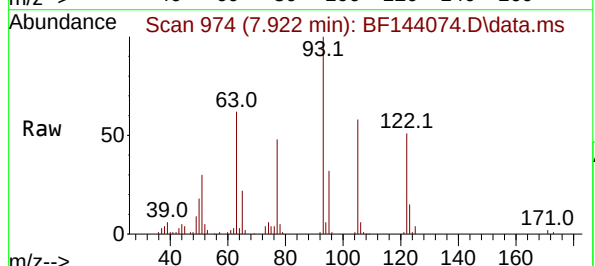
Tgt Ion:122 Resp: 73873

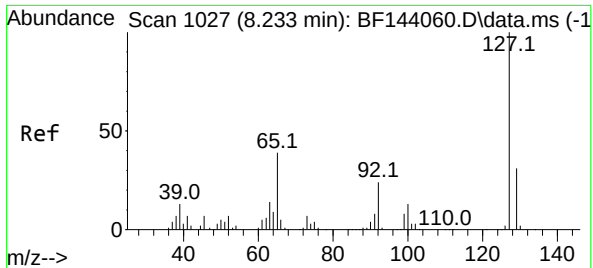
Ion Ratio Lower Upper

122 100

105 114.4 111.3 151.3

77 94.7 96.7 136.7#

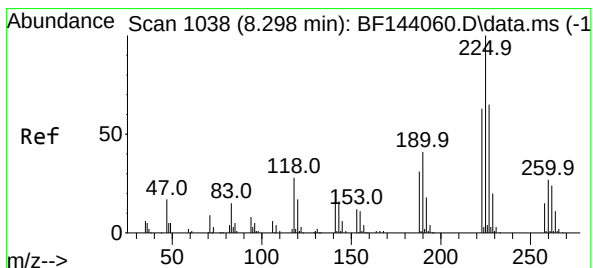
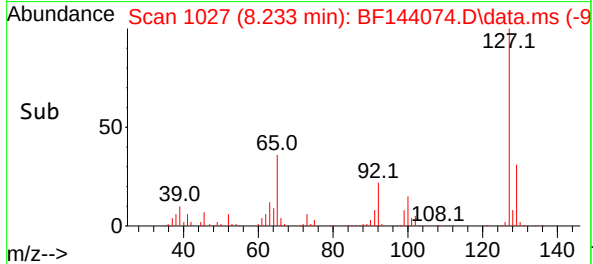
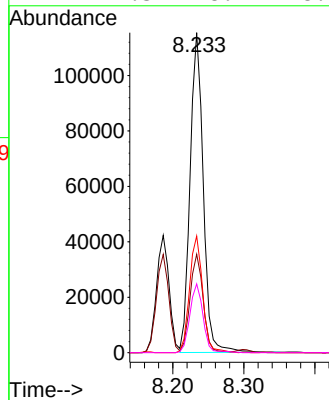
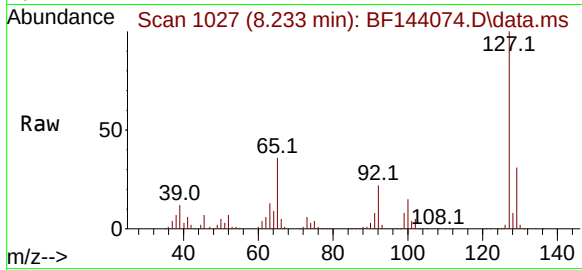




#33
4-Chloroaniline
Concen: 44.158 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

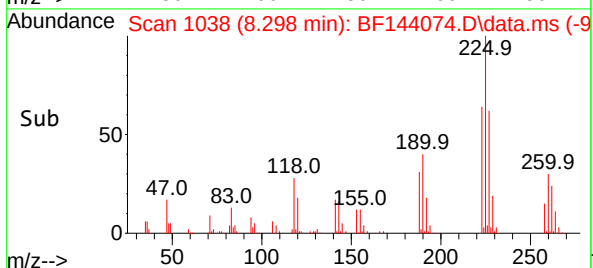
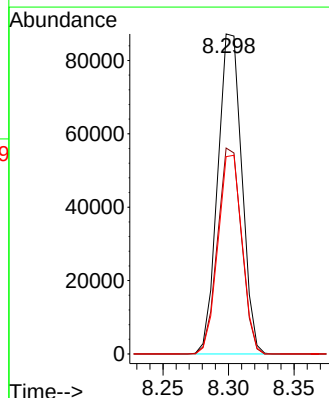
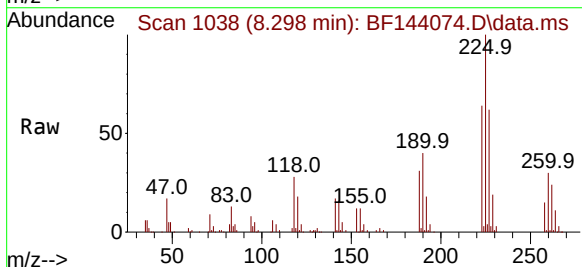
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

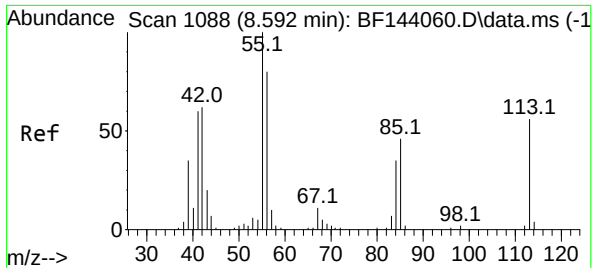
Tgt Ion:	127	Resp:	148161
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.6	38.4
65	36.5	30.9	46.3
92	21.5	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.877 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:	225	Resp:	111465
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	61.7	51.8	77.8

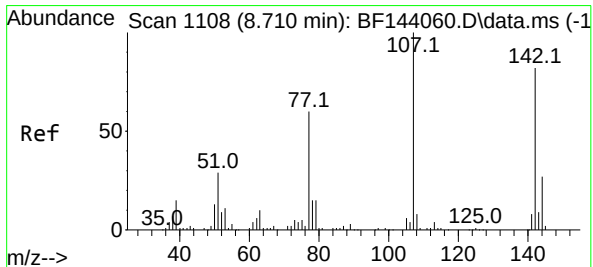
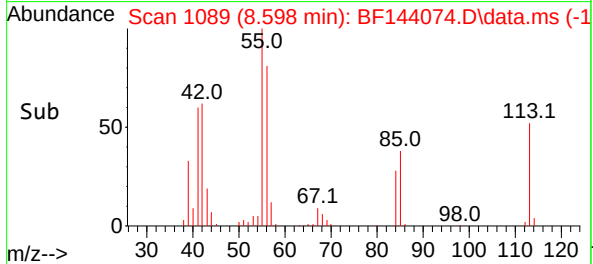
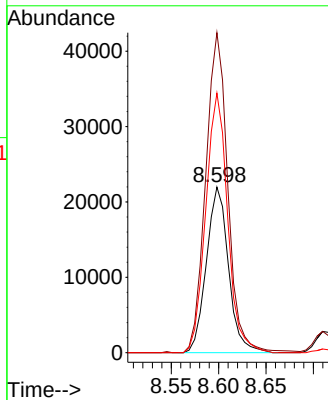
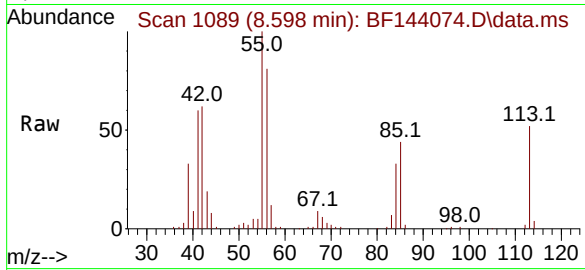




#35
Caprolactam
Concen: 43.869 ng
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

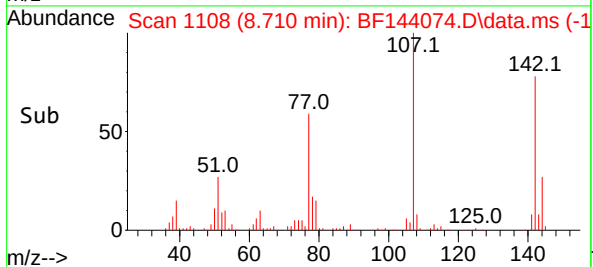
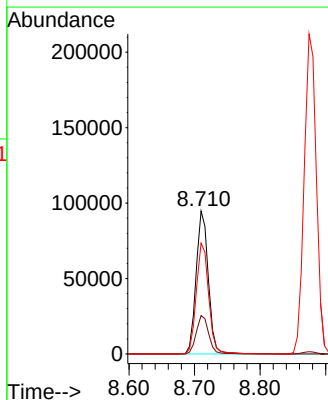
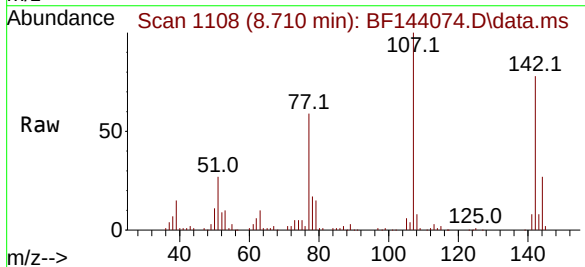
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

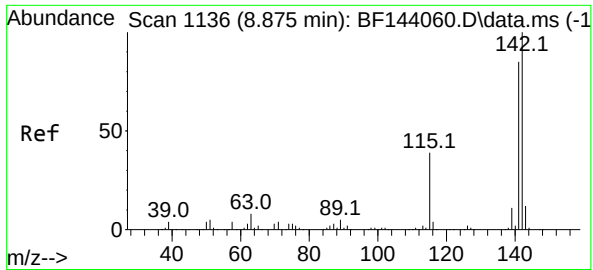
Tgt Ion:113 Resp: 35660
Ion Ratio Lower Upper
113 100
55 193.2 160.1 200.1
56 156.7 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 43.150 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:107 Resp: 123434
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 77.5 65.4 98.0

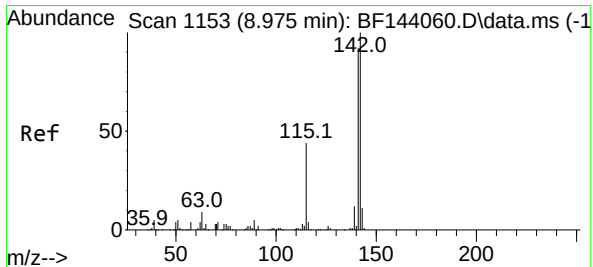
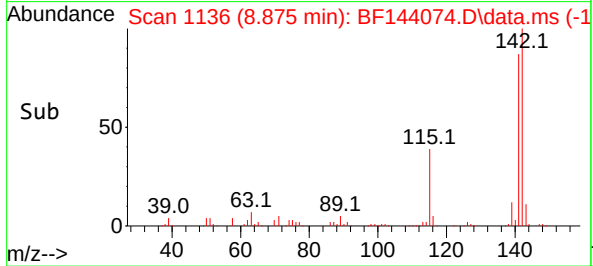
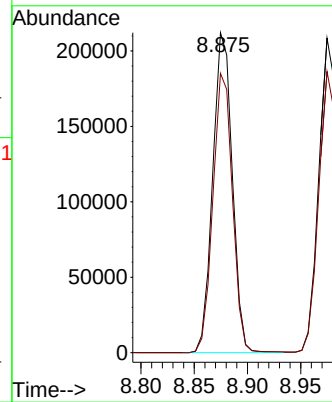
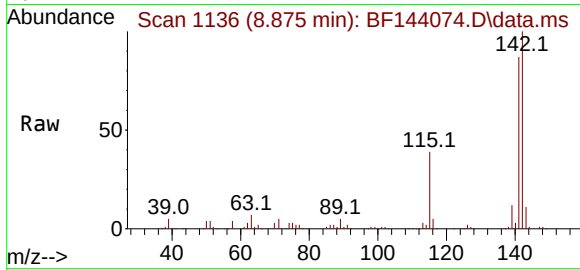




#37
2-Methylnaphthalene
Concen: 42.699 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

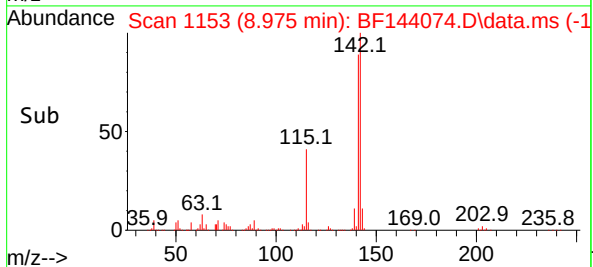
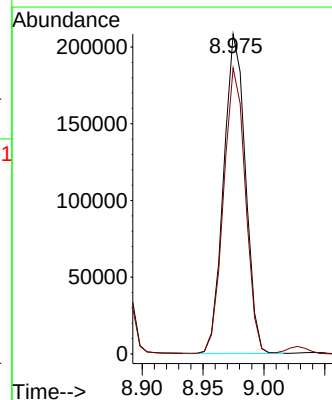
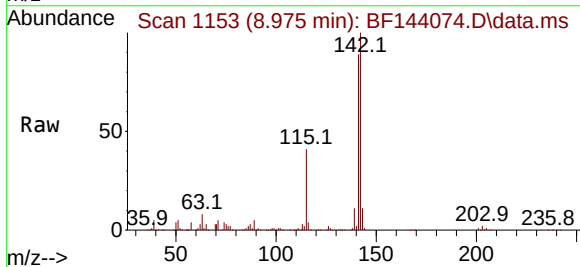
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

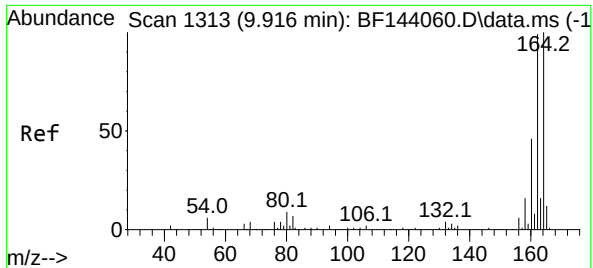
Tgt Ion:142 Resp: 271332
Ion Ratio Lower Upper
142 100
141 87.3 67.6 101.4



#38
1-Methylnaphthalene
Concen: 43.152 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:142 Resp: 259791
Ion Ratio Lower Upper
142 100
141 89.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

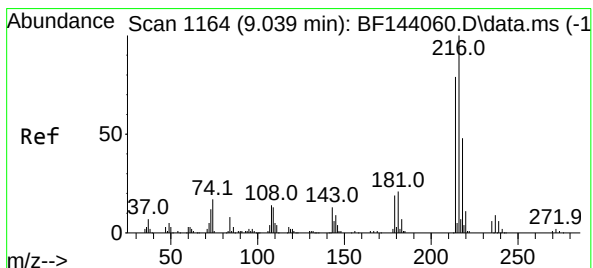
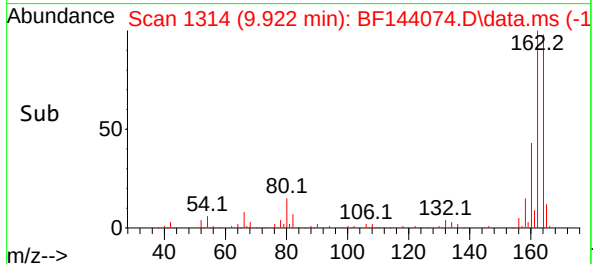
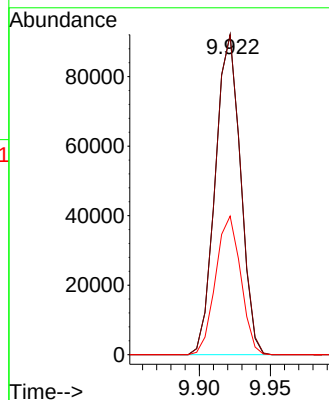
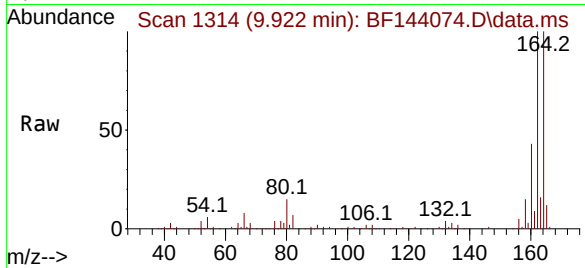
Tgt Ion:164 Resp: 113226

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 43.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.440 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion:216 Resp: 161259

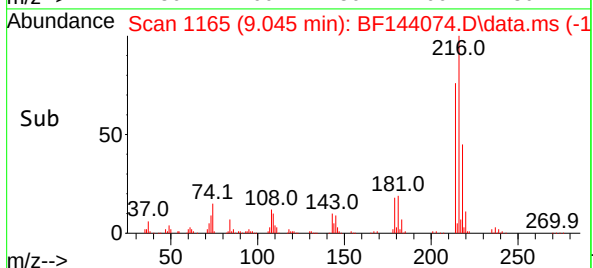
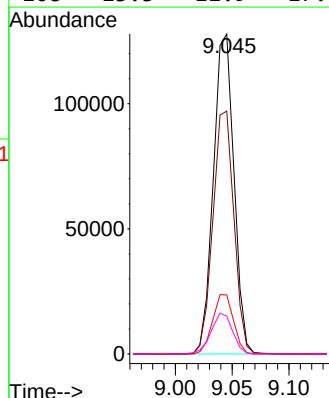
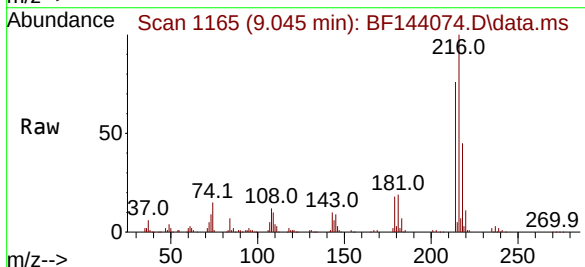
Ion Ratio Lower Upper

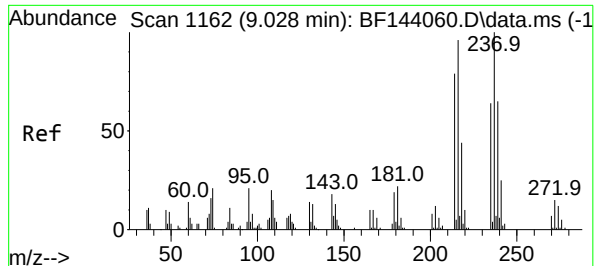
216 100

214 77.5 63.2 94.8

179 18.8 15.2 22.8

108 13.3 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 43.878 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

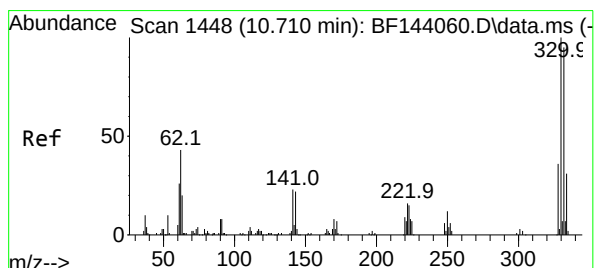
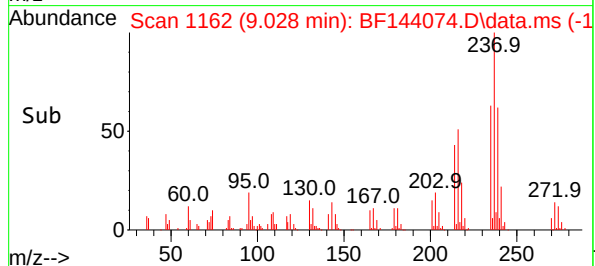
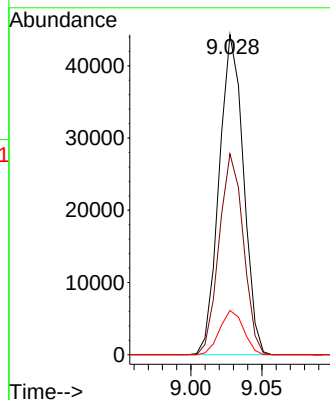
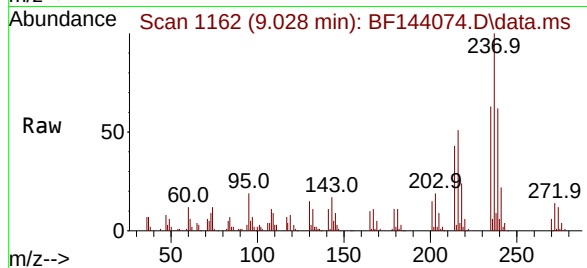
Tgt Ion:237 Resp: 52737

Ion Ratio Lower Upper

237 100

235 62.7 44.3 84.3

272 13.8 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 84.893 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

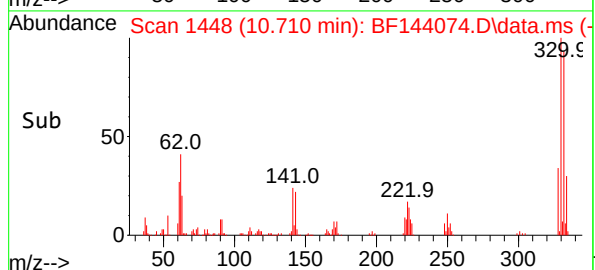
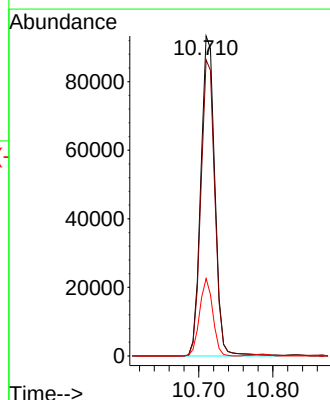
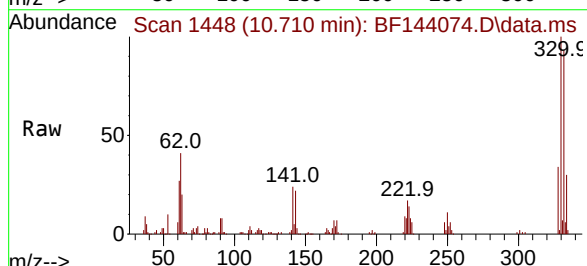
Tgt Ion:330 Resp: 122439

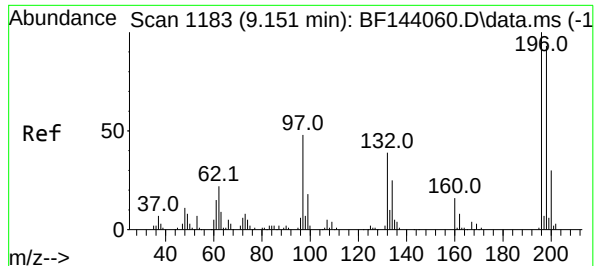
Ion Ratio Lower Upper

330 100

332 92.6 77.0 115.6

141 22.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 40.949 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

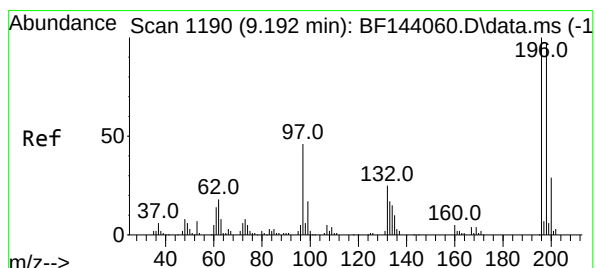
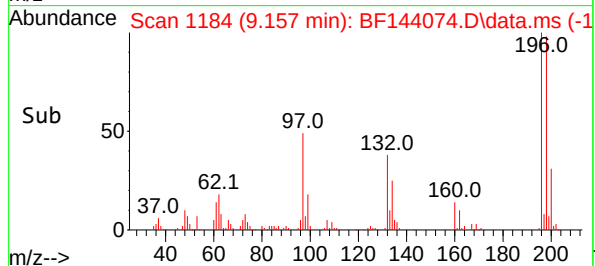
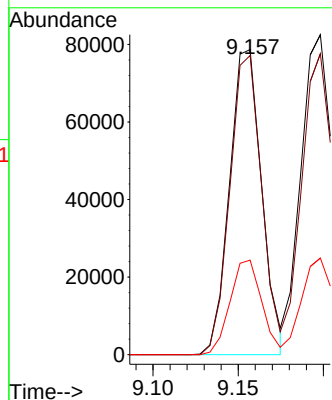
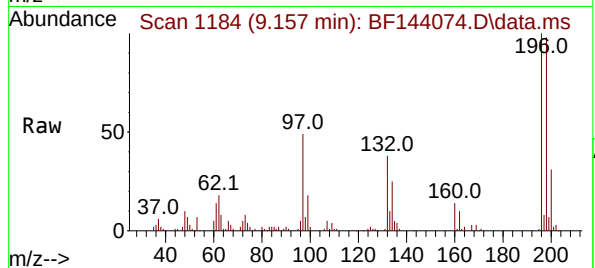
Tgt Ion:196 Resp: 103575

Ion Ratio Lower Upper

196 100

198 98.0 74.4 111.6

200 31.0 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 42.599 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion:196 Resp: 113082

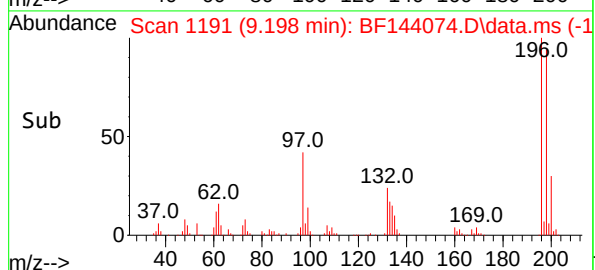
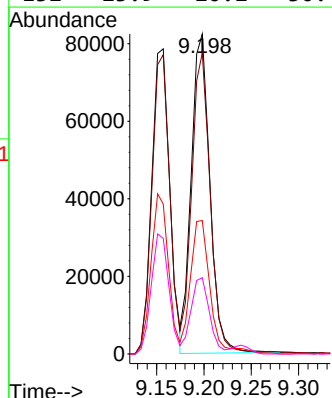
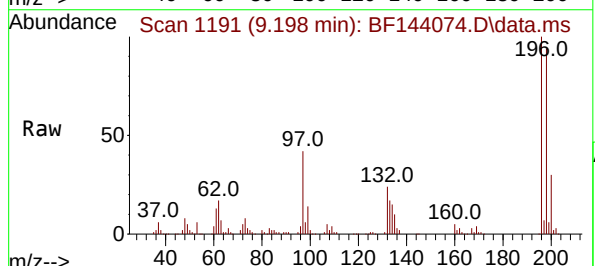
Ion Ratio Lower Upper

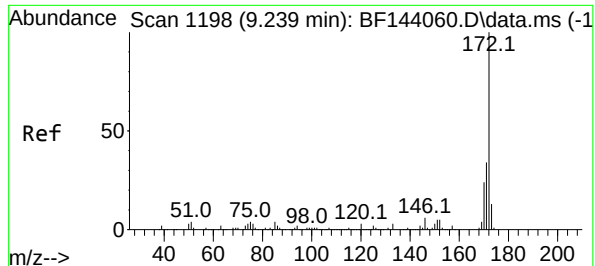
196 100

198 94.1 78.0 117.0

97 41.7 37.7 56.5

132 23.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 79.903 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

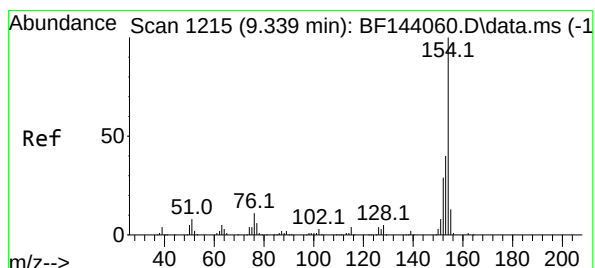
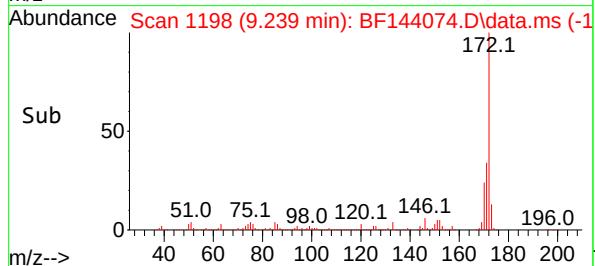
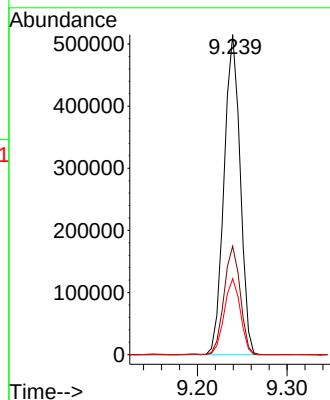
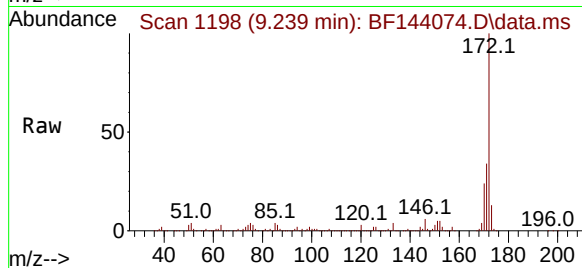
Tgt Ion:172 Resp: 642905

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.027 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

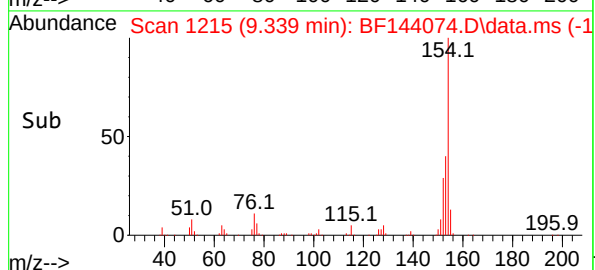
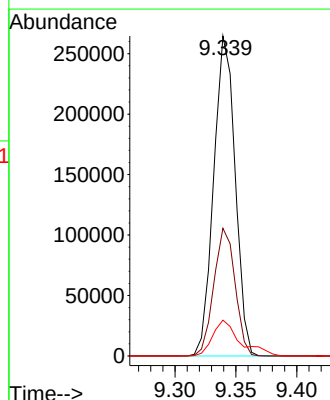
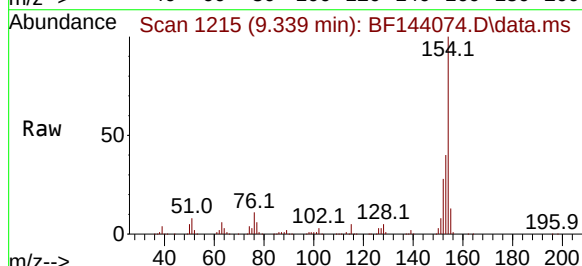
Tgt Ion:154 Resp: 324424

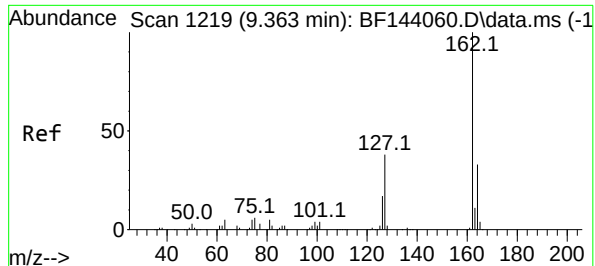
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.869 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

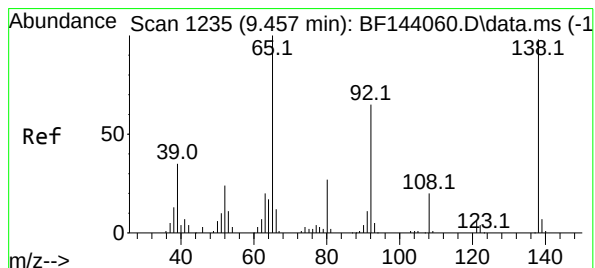
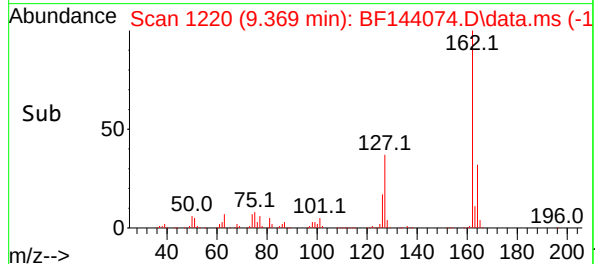
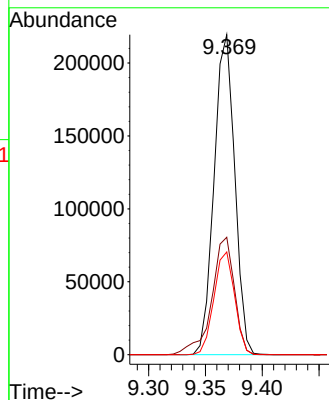
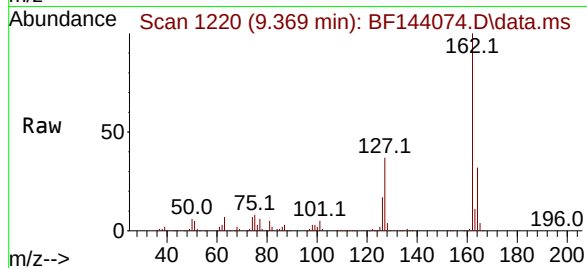
Tgt Ion:162 Resp: 277516

Ion Ratio Lower Upper

162 100

127 36.7 31.6 47.4

164 32.1 26.5 39.7



#48

2-Nitroaniline

Concen: 43.173 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

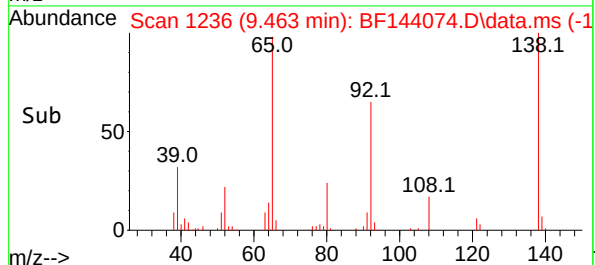
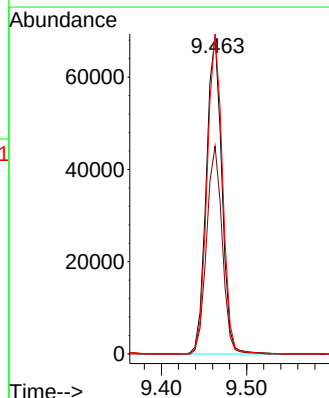
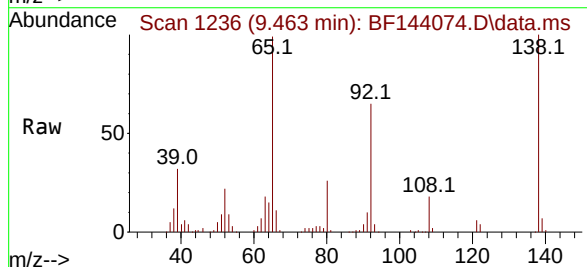
Tgt Ion: 65 Resp: 87054

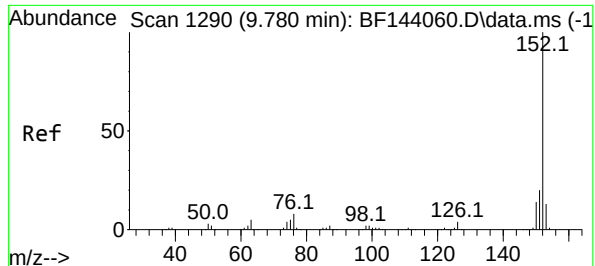
Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 100.8 78.3 117.5





#49

Acenaphthylene

Concen: 40.908 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

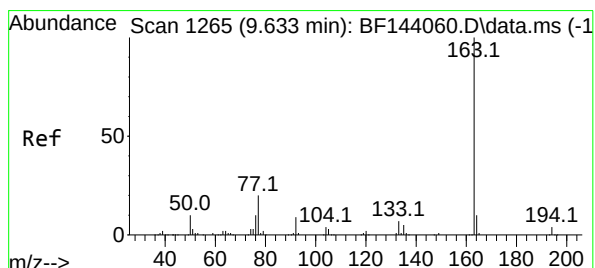
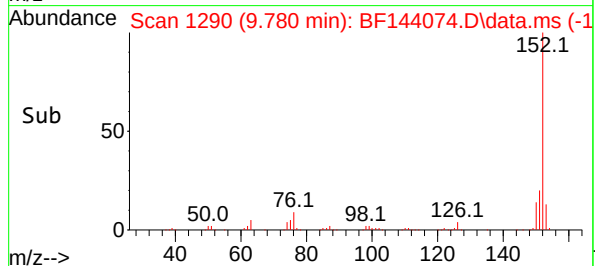
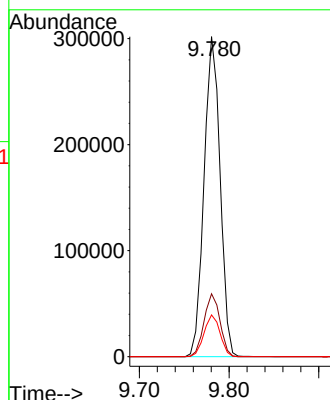
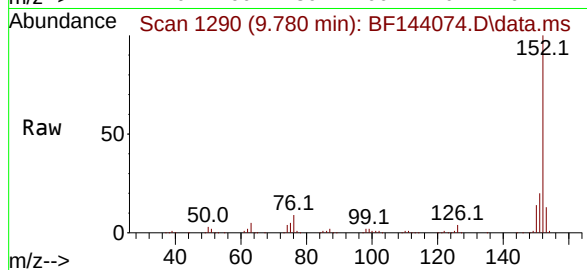
Tgt Ion:152 Resp: 374544

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.020 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

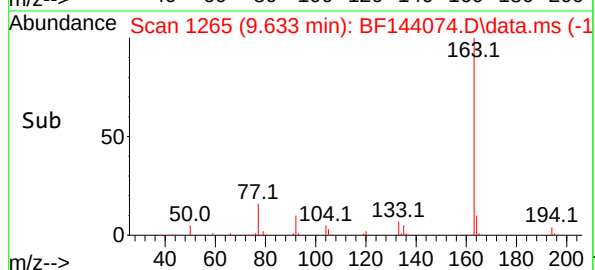
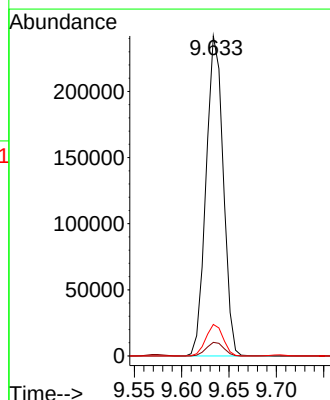
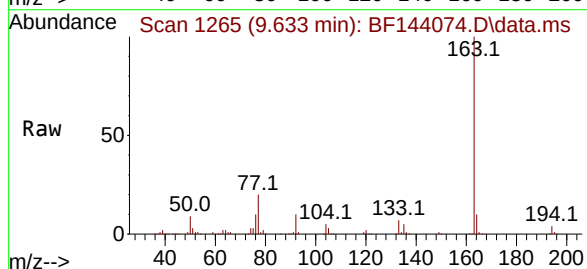
Tgt Ion:163 Resp: 304442

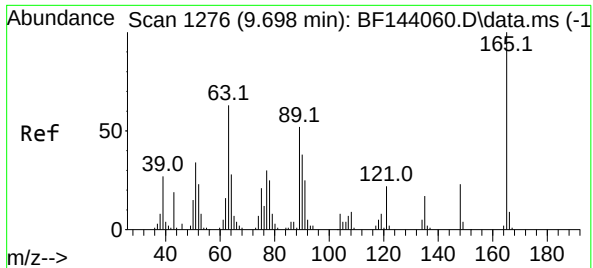
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 7.8 11.8

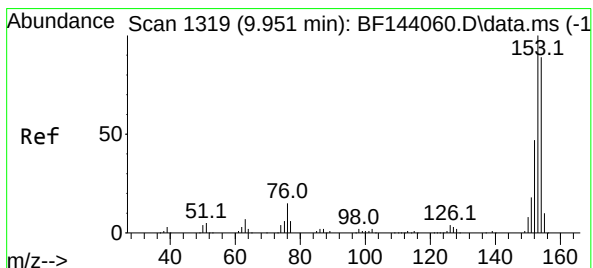
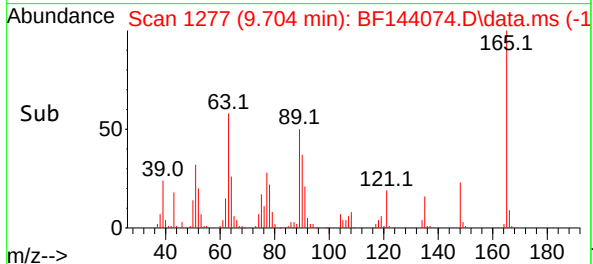
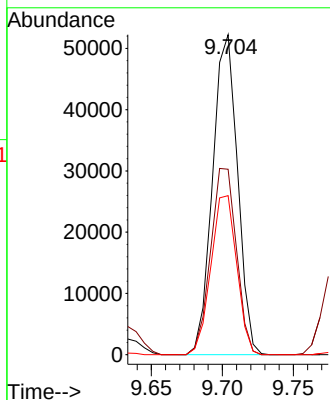
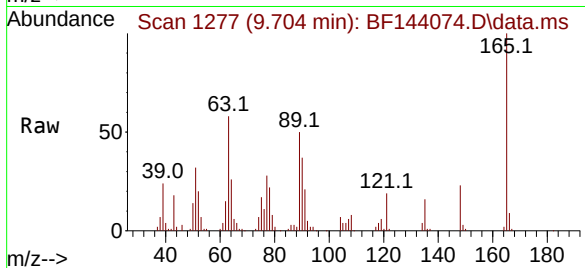




#51
2,6-Dinitrotoluene
Concen: 43.531 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

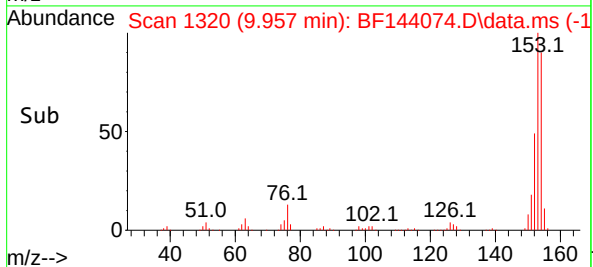
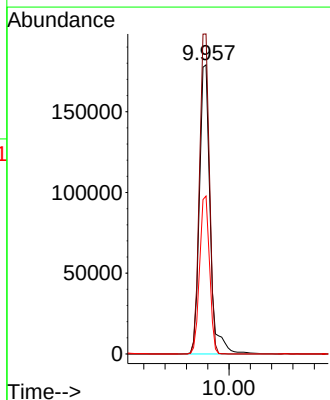
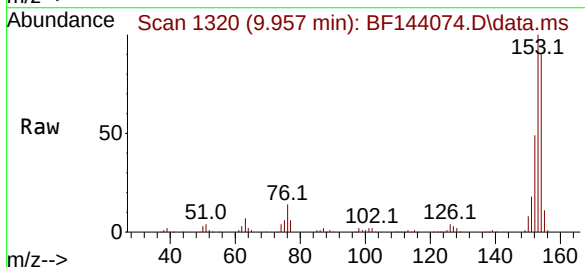
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

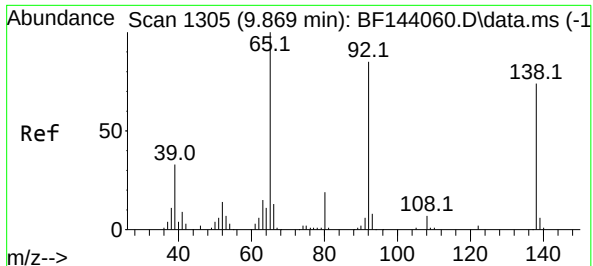
Tgt Ion:165 Resp: 63869
Ion Ratio Lower Upper
165 100
63 58.0 50.4 75.6
89 49.7 41.4 62.2



#52
Acenaphthene
Concen: 40.938 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:154 Resp: 250322
Ion Ratio Lower Upper
154 100
153 110.7 89.9 134.9
152 54.6 42.0 63.0

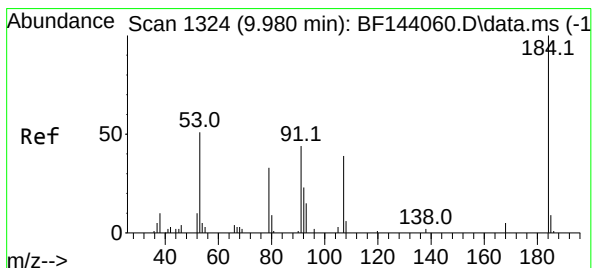
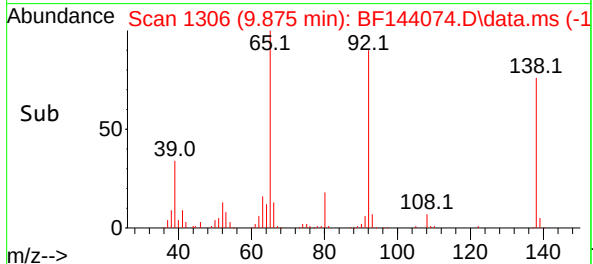
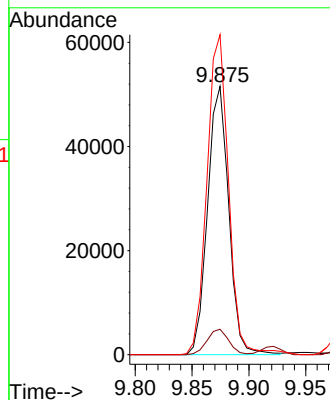
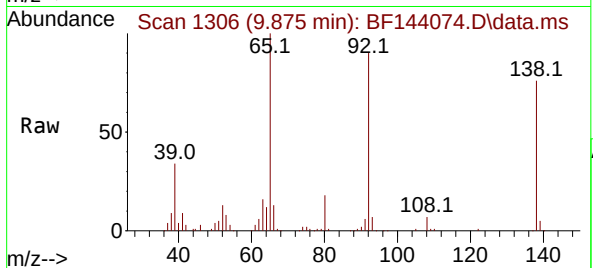




#53
3-Nitroaniline
Concen: 41.061 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

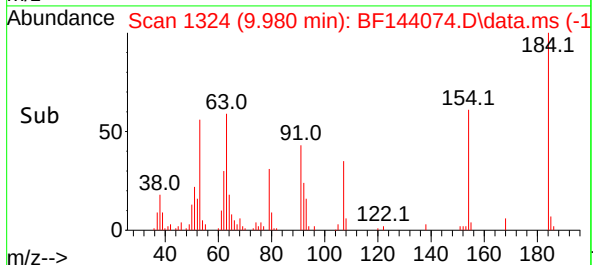
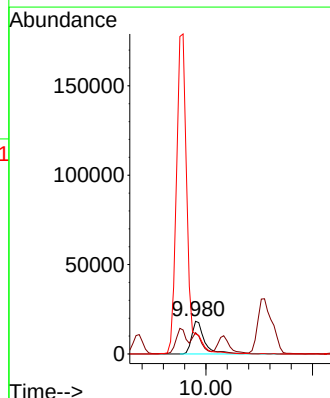
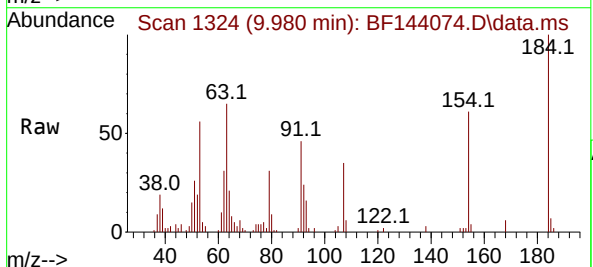
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

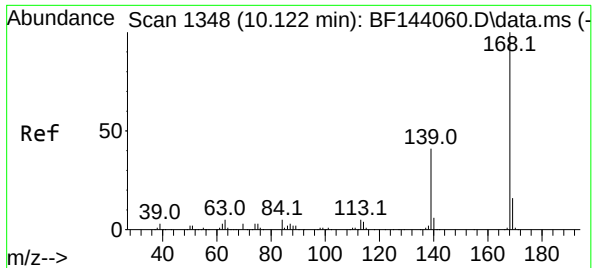
Tgt Ion:138 Resp: 66981
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 119.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 38.960 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:184 Resp: 30917
Ion Ratio Lower Upper
184 100
63 65.0 52.1 78.1
154 61.3 47.9 71.9





#55

Dibenzenofuran

Concen: 41.318 ng

RT: 10.127 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

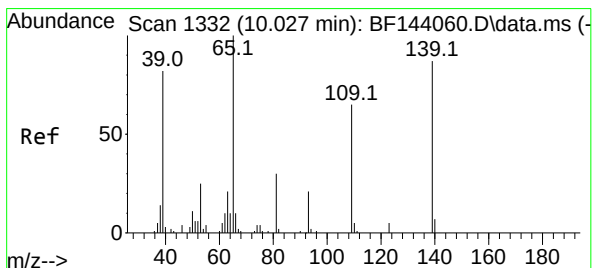
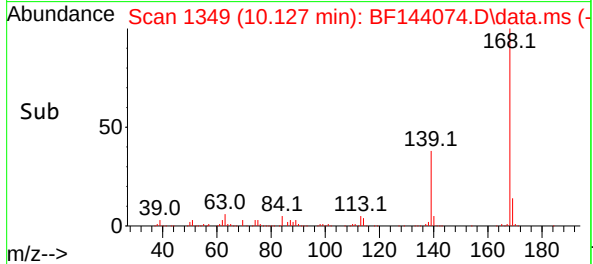
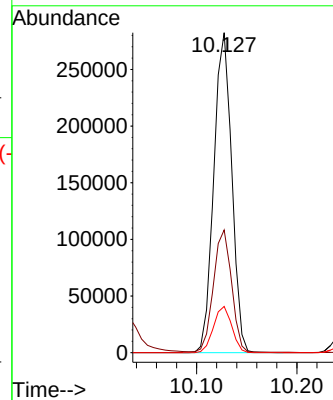
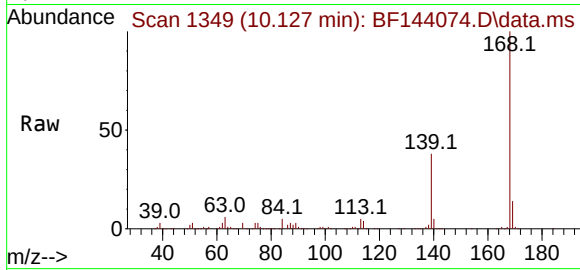
Tgt Ion:168 Resp: 350742

Ion Ratio Lower Upper

168 100

139 38.4 33.2 49.8

169 14.4 12.6 19.0



#56

4-Nitrophenol

Concen: 41.527 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

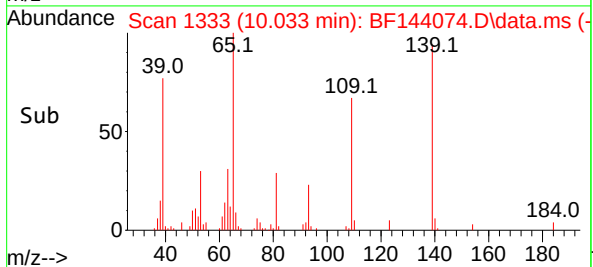
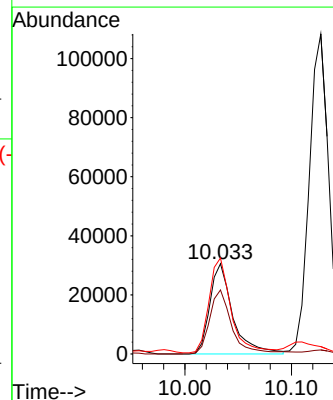
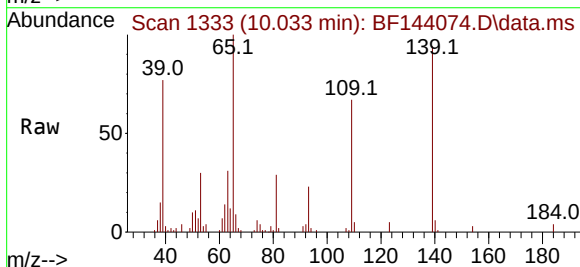
Tgt Ion:139 Resp: 45872

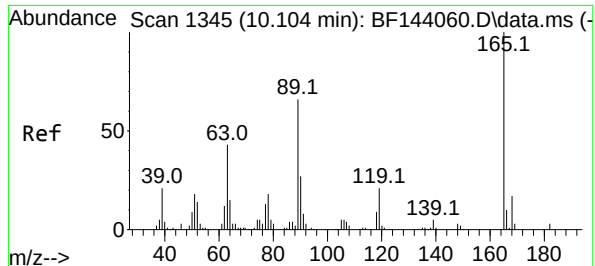
Ion Ratio Lower Upper

139 100

109 70.8 53.8 93.8

65 106.4 95.9 135.9

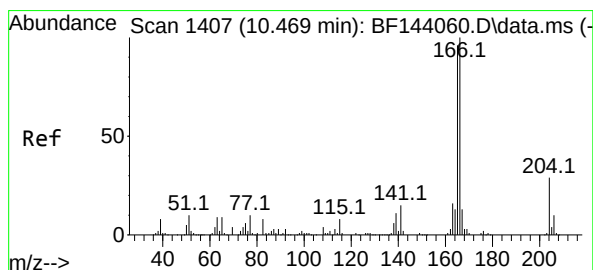
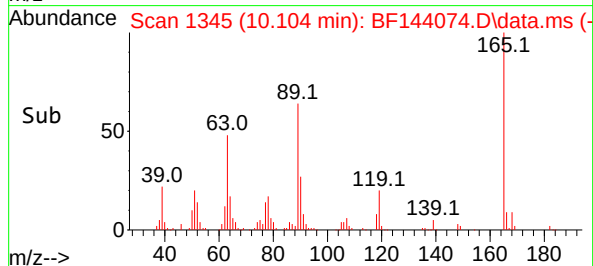
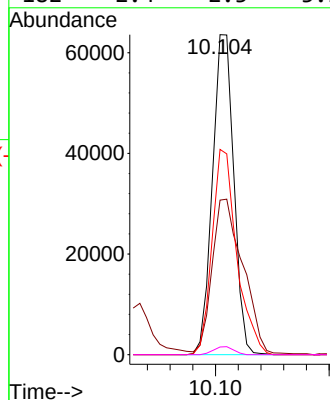
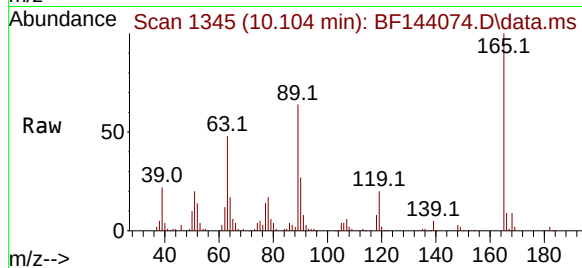




#57
2,4-Dinitrotoluene
Concen: 41.918 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

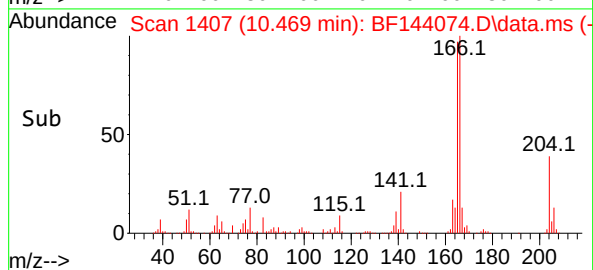
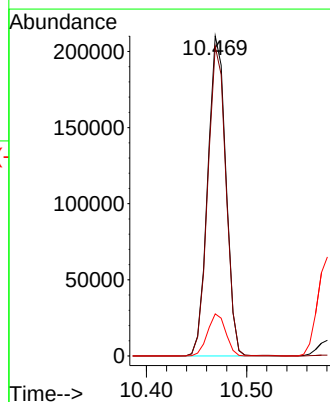
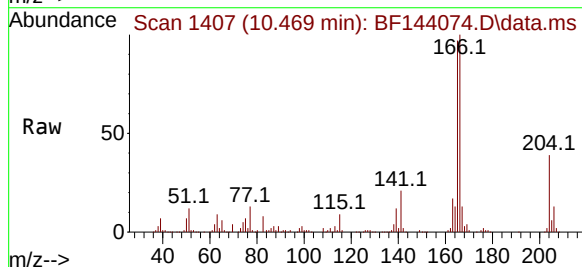
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

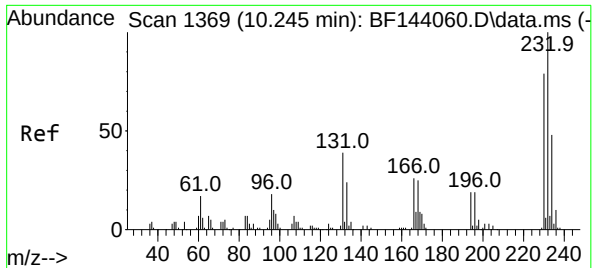
Tgt Ion:165 Resp: 83007
Ion Ratio Lower Upper
165 100
63 48.3 35.4 53.2
89 64.2 52.7 79.1
182 2.4 2.3 3.5



#58
Fluorene
Concen: 40.866 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:166 Resp: 264329
Ion Ratio Lower Upper
166 100
165 96.7 77.0 115.4
167 13.1 10.2 15.4

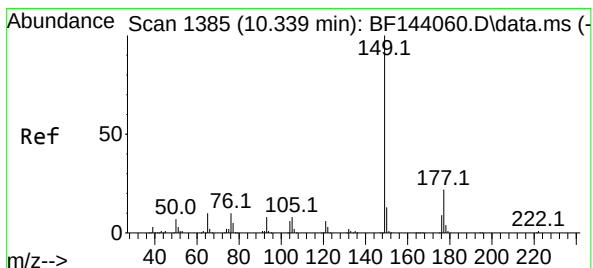
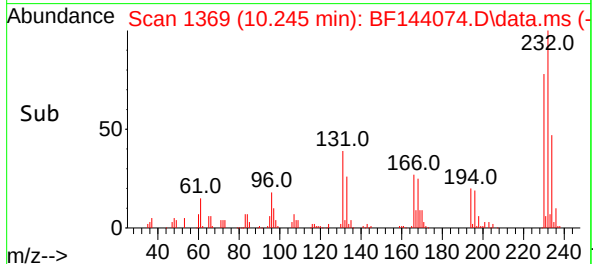
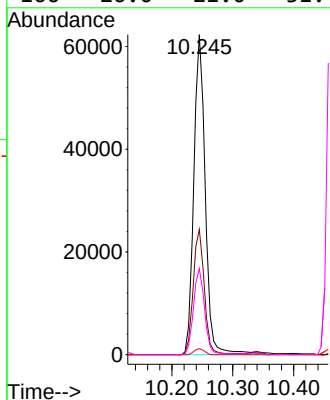
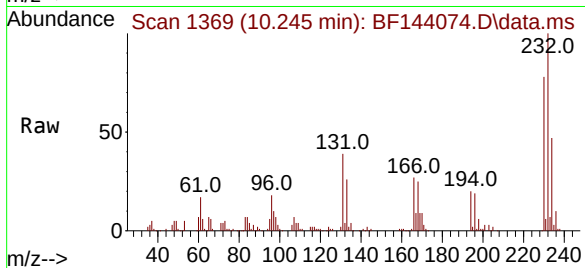




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.817 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

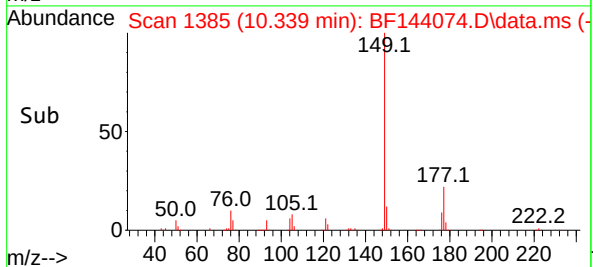
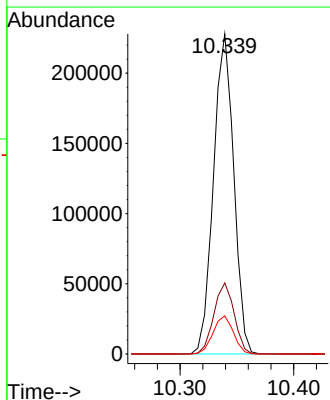
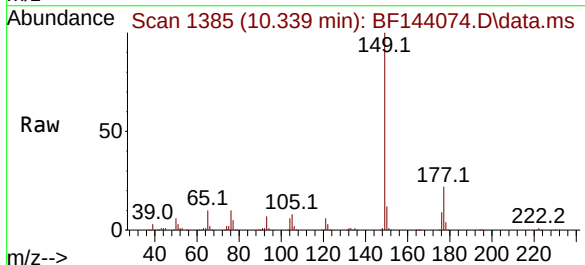
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

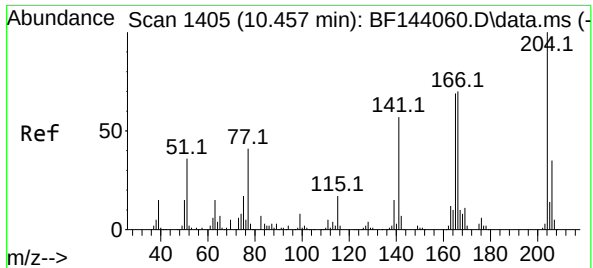
Tgt Ion:232 Resp: 81964
Ion Ratio Lower Upper
232 100
131 37.7 31.9 47.9
130 1.6 1.1 1.7
166 26.0 21.0 31.4



#60
Diethylphthalate
Concen: 40.457 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 282370
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.9 10.1 15.1

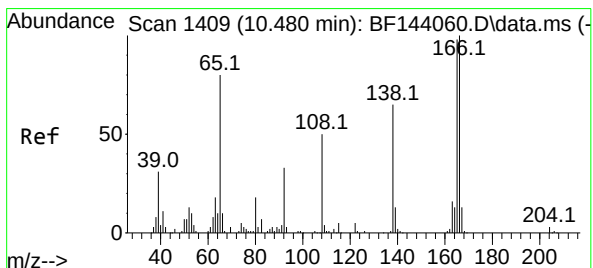
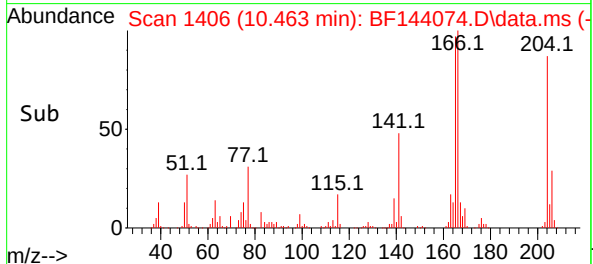
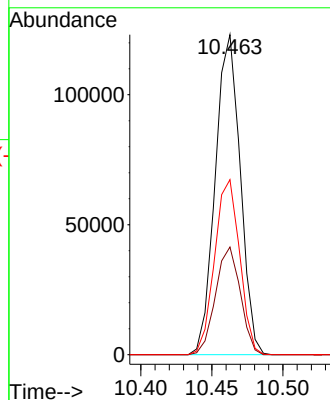
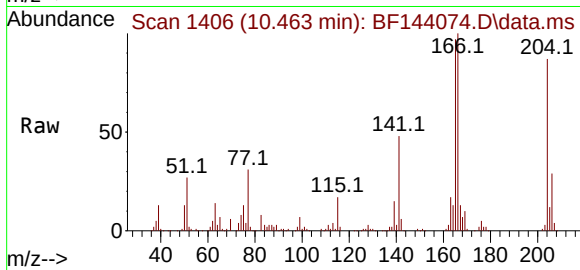




#61
4-Chlorophenyl-phenylether
Concen: 41.424 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

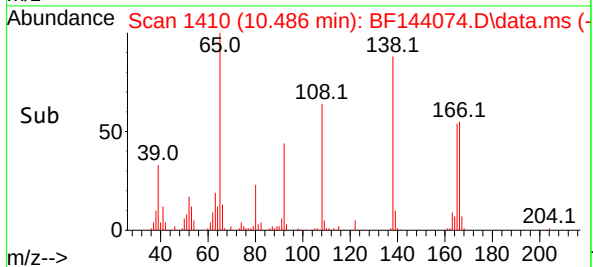
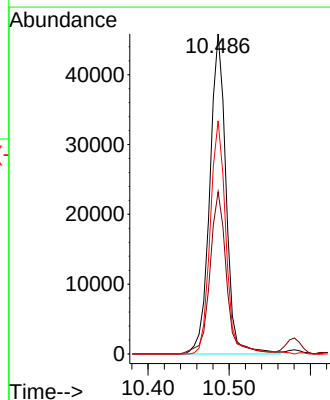
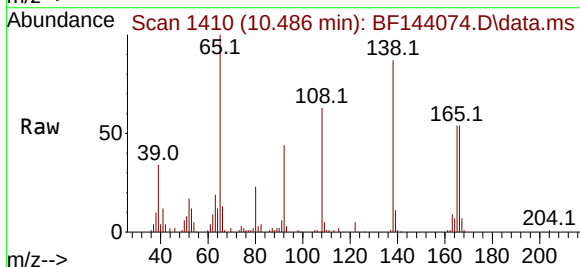
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

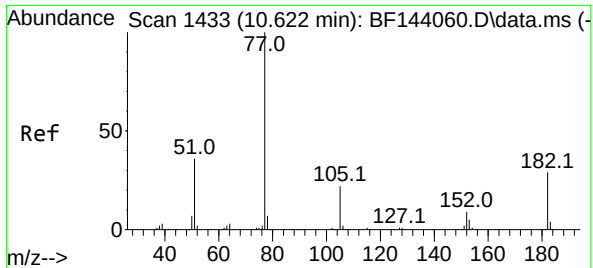
Tgt Ion:204 Resp: 150675
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 54.7 45.4 68.2



#62
4-Nitroaniline
Concen: 41.182 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:138 Resp: 63652
Ion Ratio Lower Upper
138 100
92 50.7 30.5 70.5
108 72.8 56.2 96.2

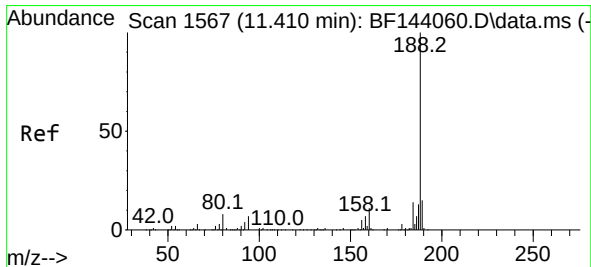
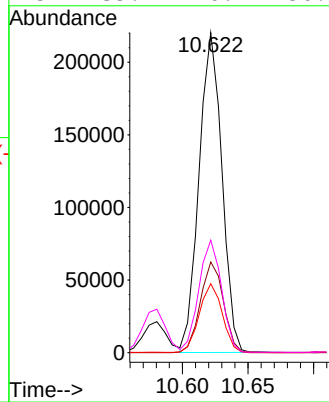
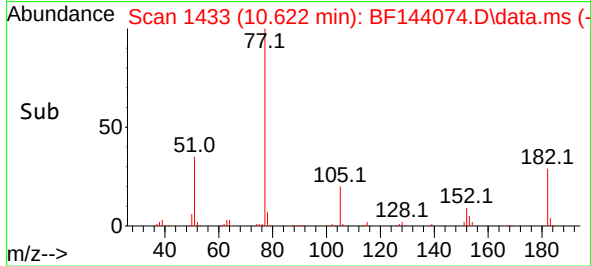
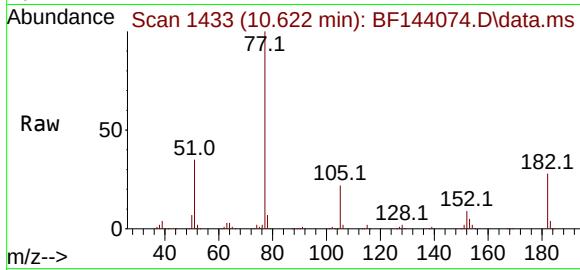




#63
Azobenzene
Concen: 40.465 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

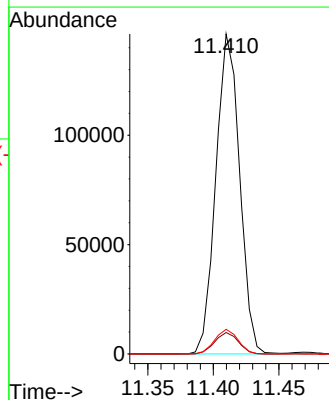
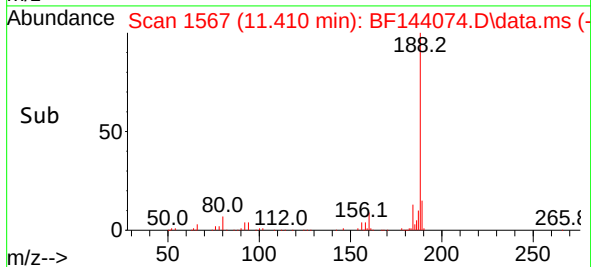
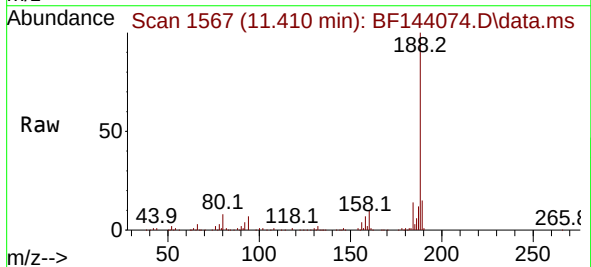
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

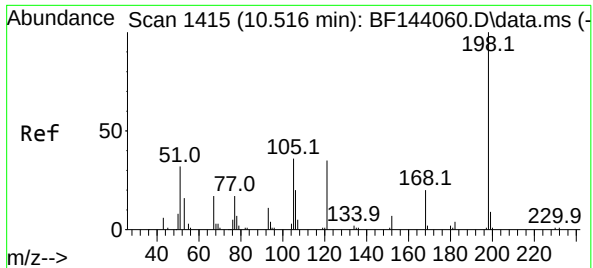
Tgt Ion:	77	Resp:	267316
Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.0	49.0
105	21.5	1.4	41.4
51	35.2	16.9	56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:	188	Resp:	184414
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.0
80	7.7	6.0	9.0

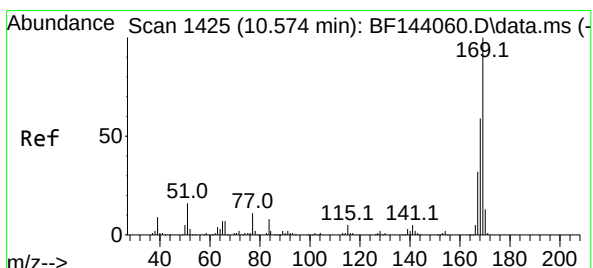
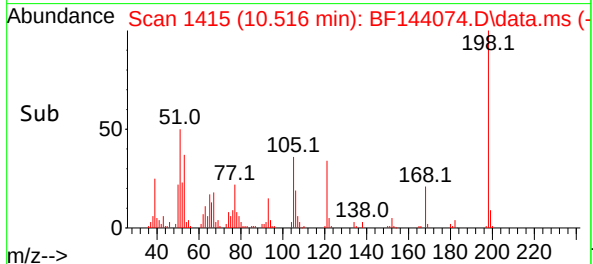
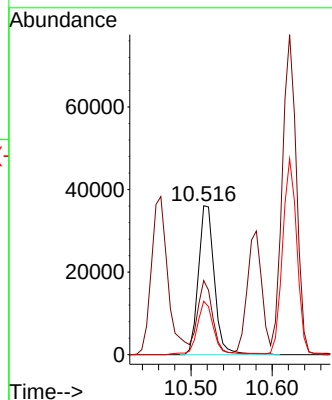
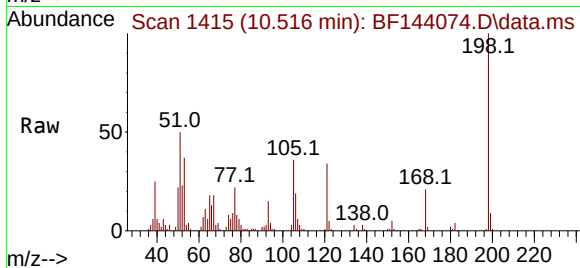




#65
4,6-Dinitro-2-methylphenol
Concen: 41.715 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

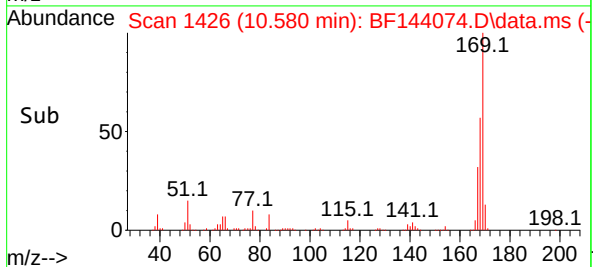
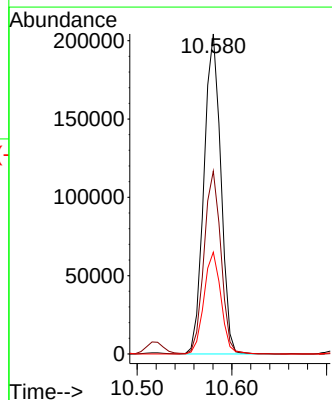
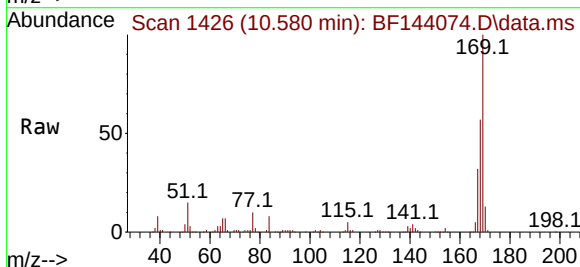
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

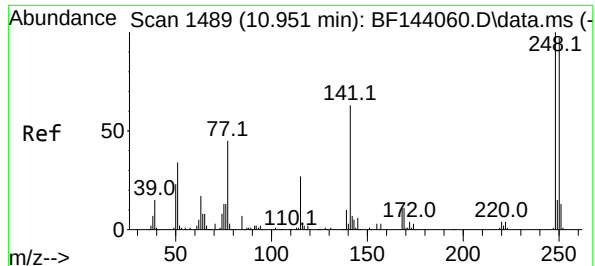
Tgt Ion:198 Resp: 49356
Ion Ratio Lower Upper
198 100
51 49.8 25.8 65.8
105 35.9 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 42.907 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:169 Resp: 252814
Ion Ratio Lower Upper
169 100
168 57.2 47.4 71.2
167 31.8 25.5 38.3

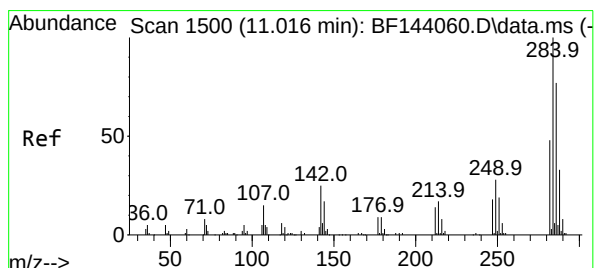
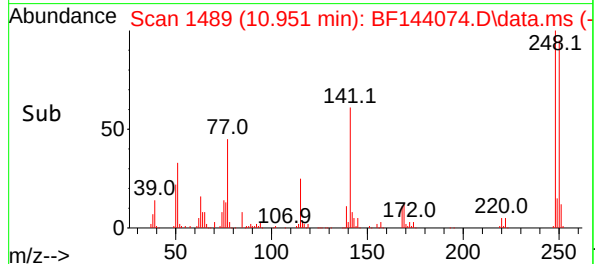
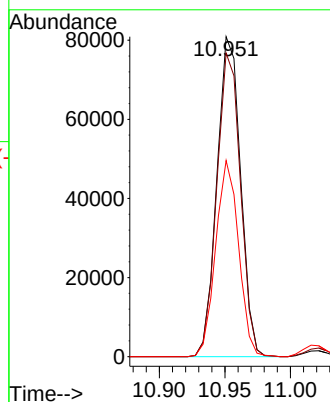
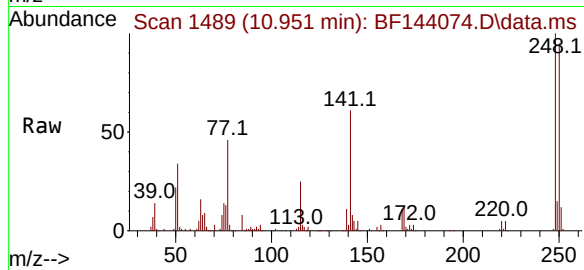




#67
4-Bromophenyl-phenylether
Concen: 43.947 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

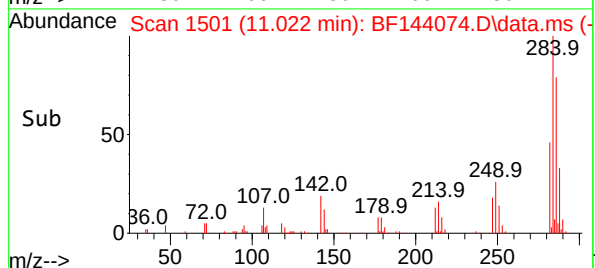
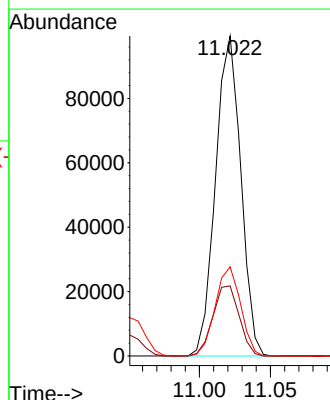
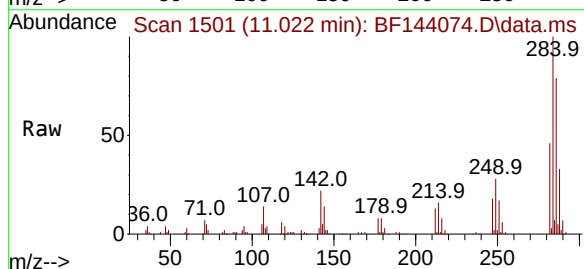
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

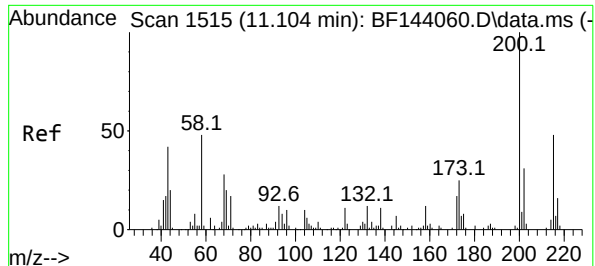
Tgt Ion:248 Resp: 101473
Ion Ratio Lower Upper
248 100
250 94.9 77.8 116.6
141 61.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 43.436 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:284 Resp: 123002
Ion Ratio Lower Upper
284 100
142 21.9 20.0 30.0
249 27.8 22.2 33.2





#69

Atrazine

Concen: 38.475 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

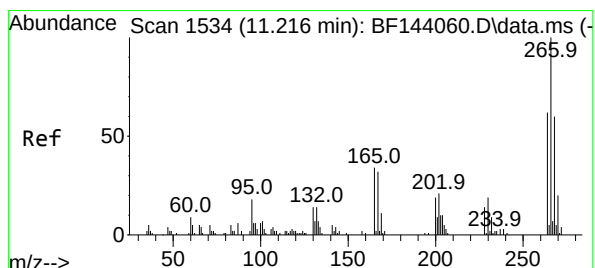
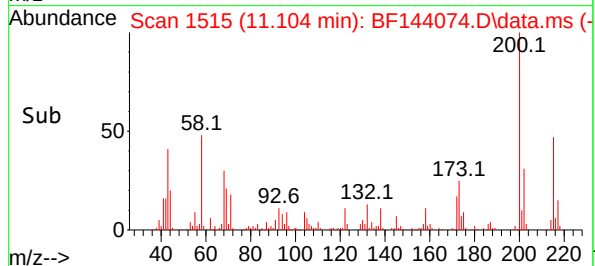
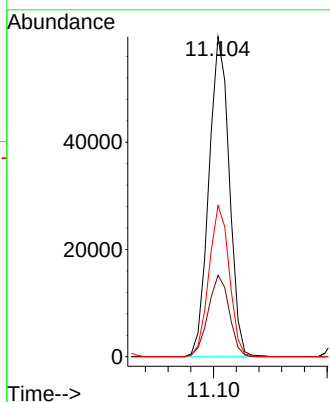
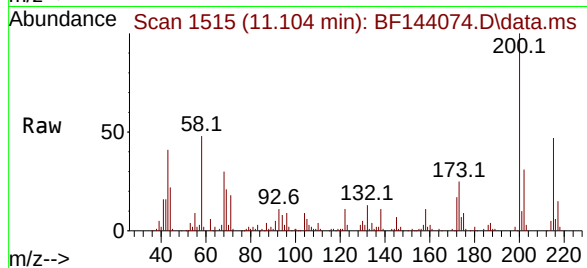
Tgt Ion:200 Resp: 74391

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 43.784 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

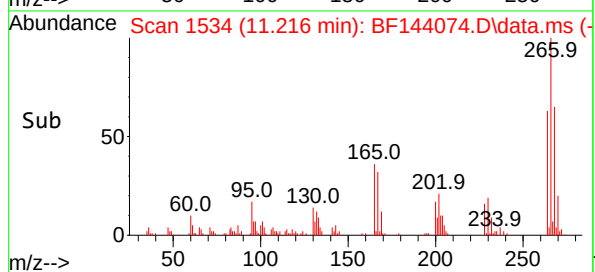
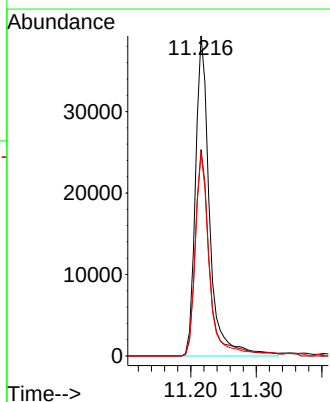
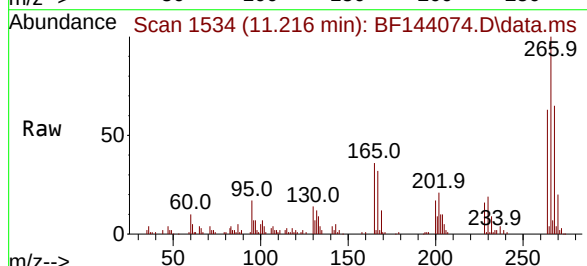
Tgt Ion:266 Resp: 59017

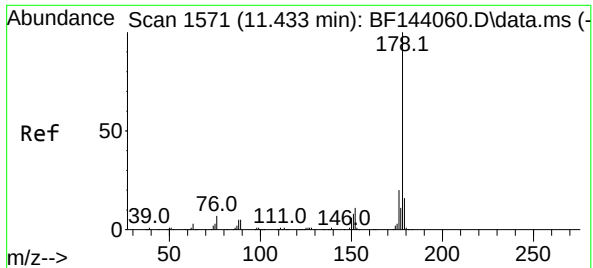
Ion Ratio Lower Upper

266 100

268 64.5 48.2 72.4

264 63.2 49.4 74.0

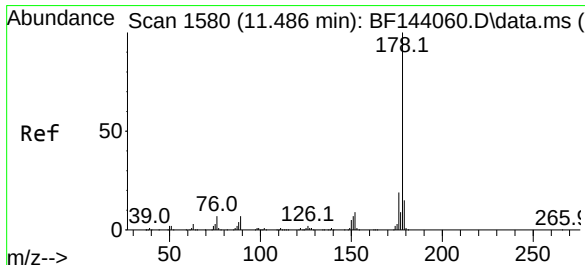
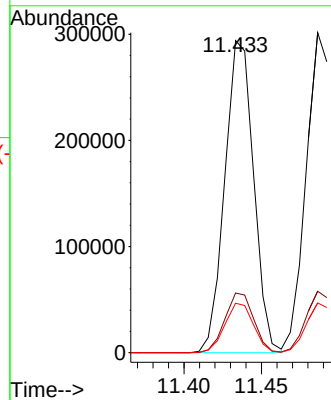
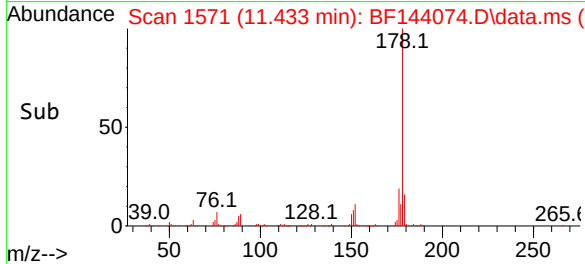
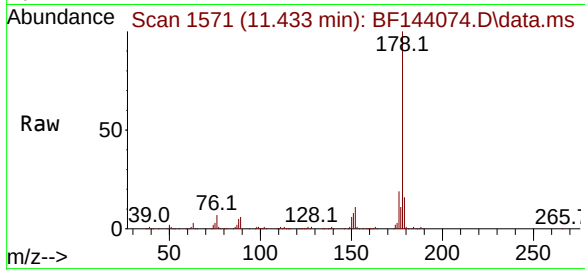




#71
Phenanthrene
Concen: 41.610 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

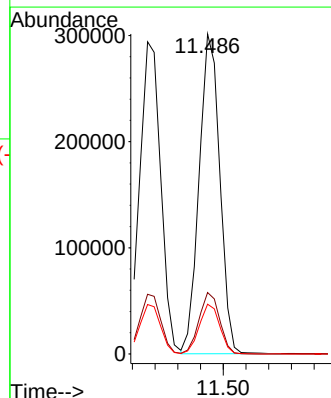
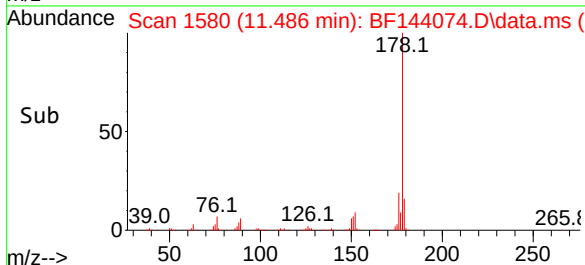
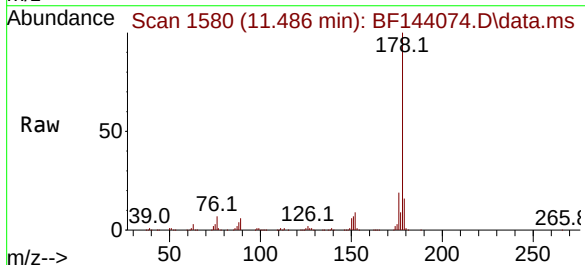
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

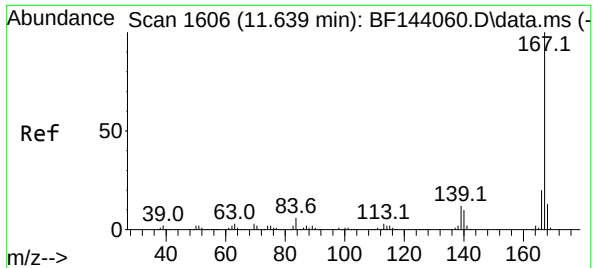
Tgt Ion:178 Resp: 381184
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.8 12.6 18.8



#72
Anthracene
Concen: 40.239 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

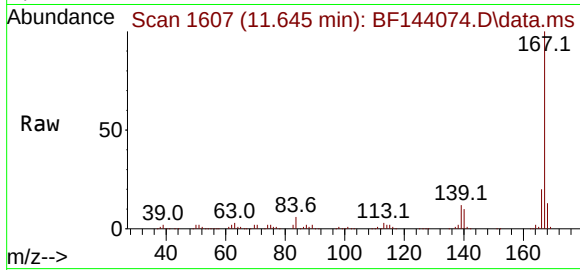
Tgt Ion:178 Resp: 380792
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.6 11.8 17.6



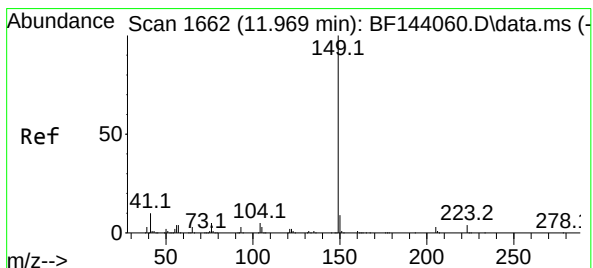
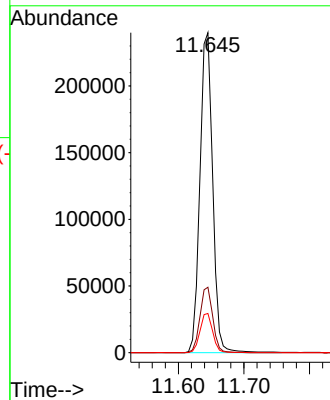
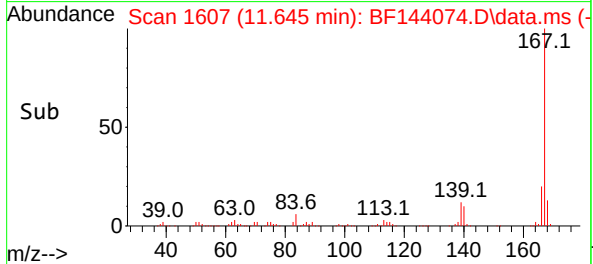


#73
Carbazole
Concen: 40.288 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

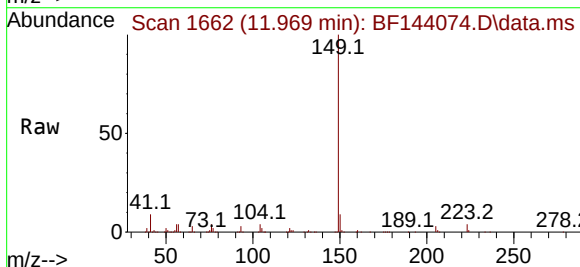
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



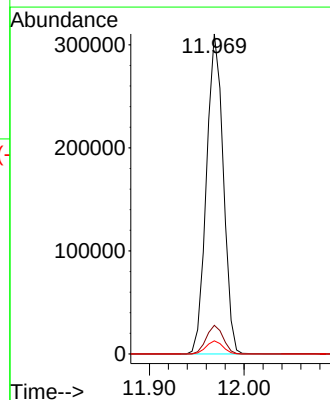
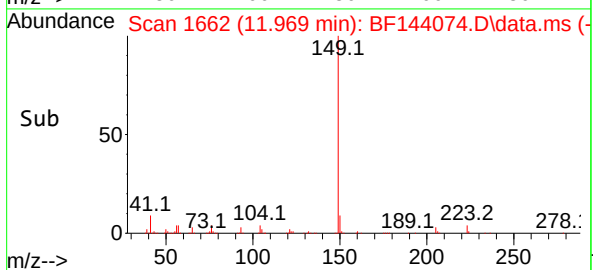
Tgt Ion:167 Resp: 324513
Ion Ratio Lower Upper
167 100
166 20.5 16.1 24.1
139 12.2 9.8 14.6

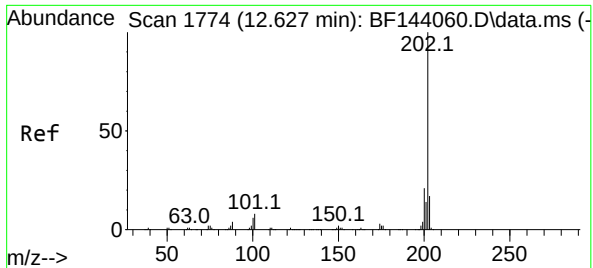


#74
Di-n-butylphthalate
Concen: 38.793 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27



Tgt Ion:149 Resp: 383099
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.1 3.6 5.4

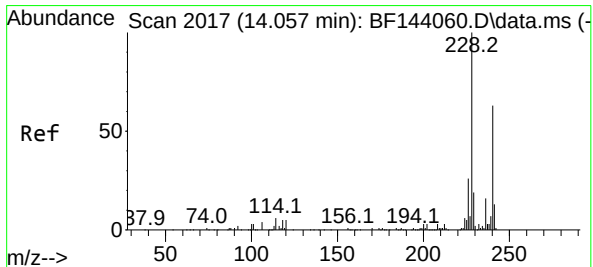
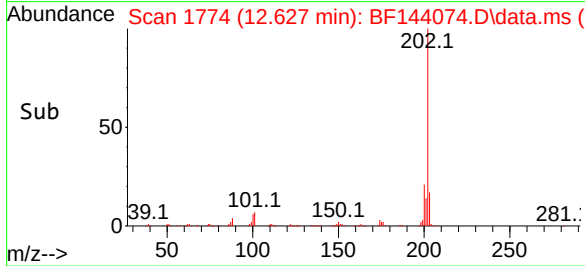
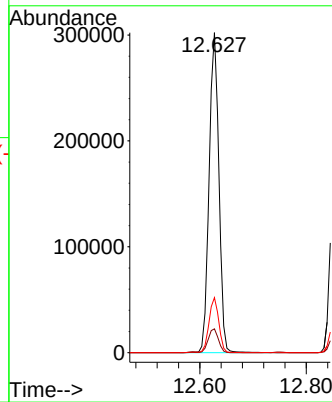
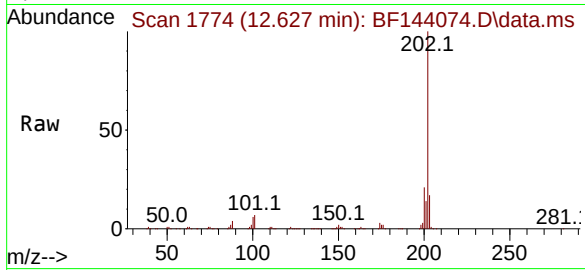




#75
Fluoranthene
Concen: 37.938 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

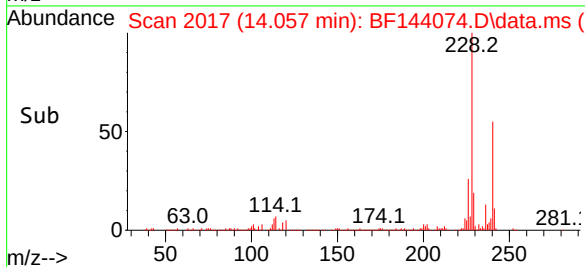
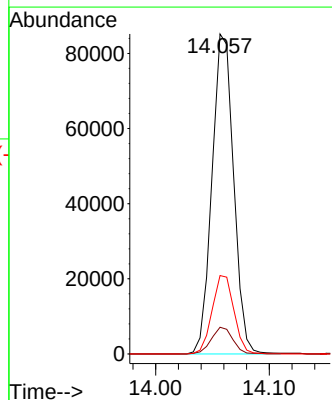
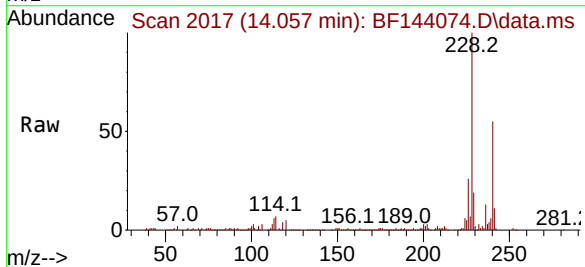
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

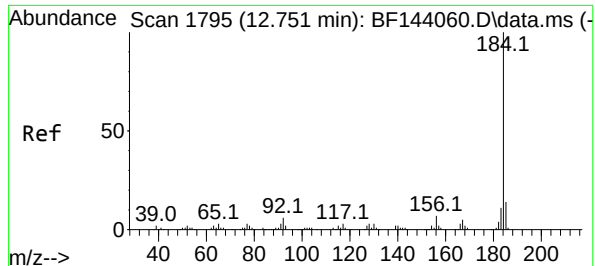
Tgt Ion:202 Resp: 383968
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:240 Resp: 112717
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 24.5 20.1 30.1





#77

Benzidine

Concen: 41.457 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

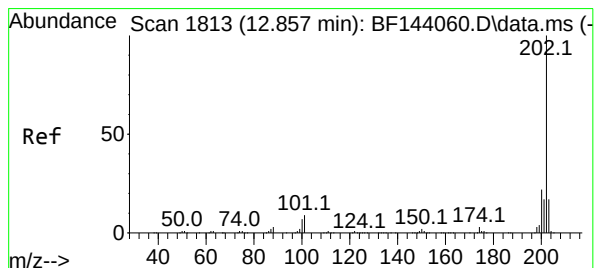
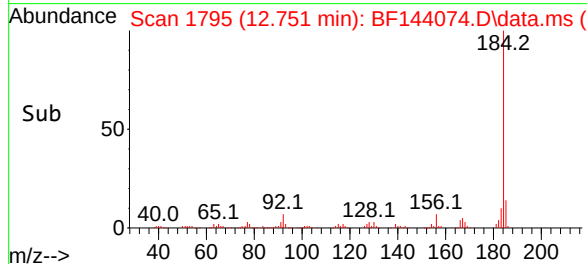
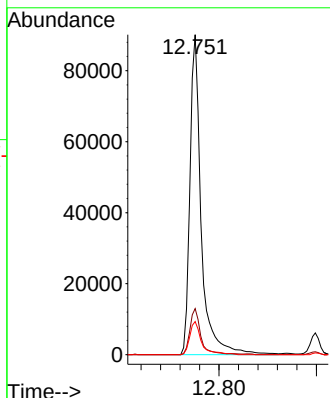
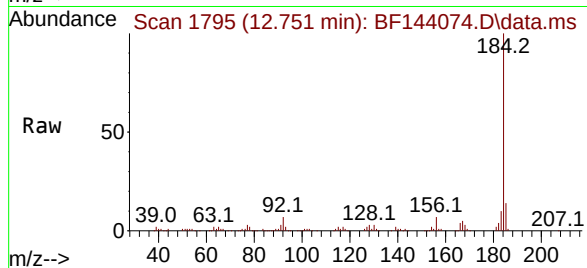
Tgt Ion:184 Resp: 145430

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.3 8.5 12.7



#78

Pyrene

Concen: 46.872 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

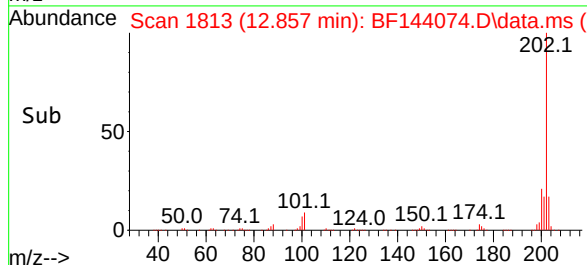
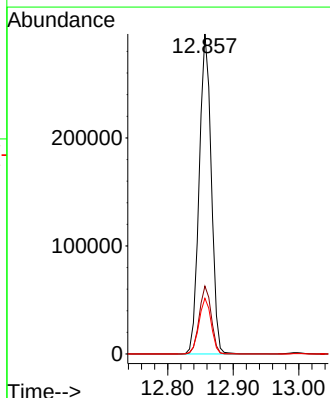
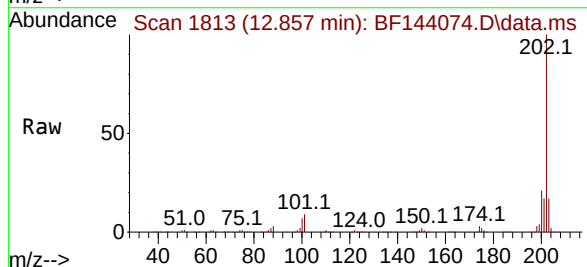
Tgt Ion:202 Resp: 379834

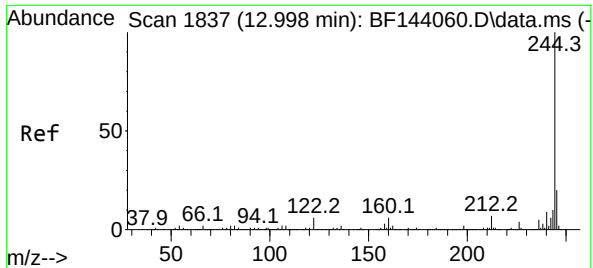
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.4 13.5 20.3

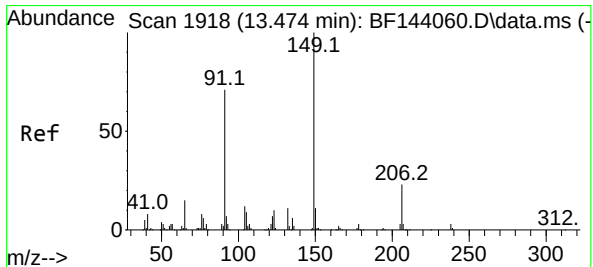
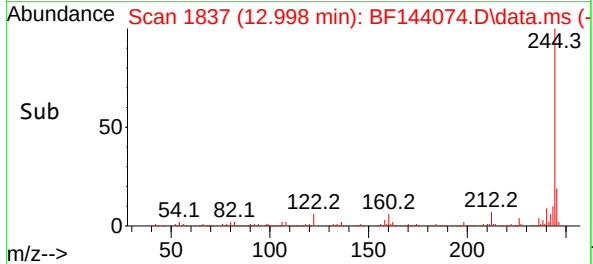
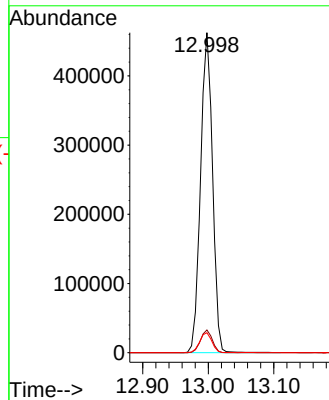
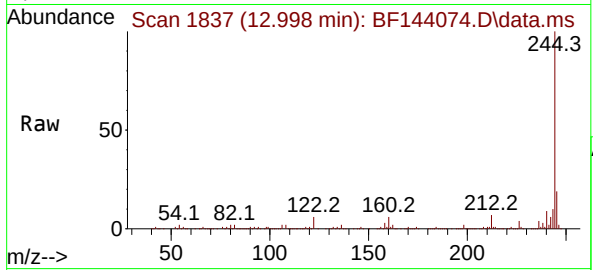




#79
Terphenyl-d14
Concen: 91.306 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

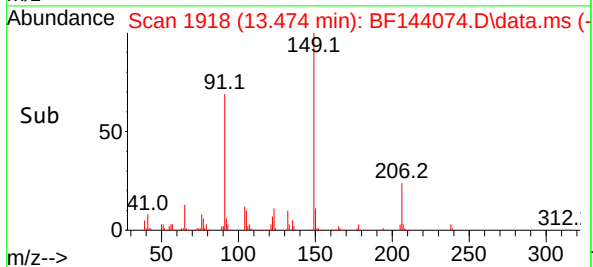
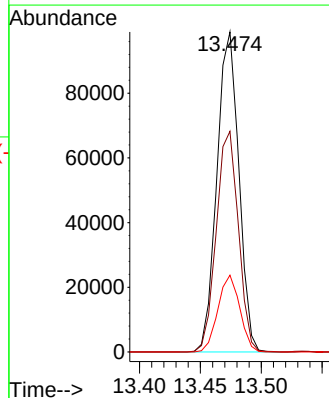
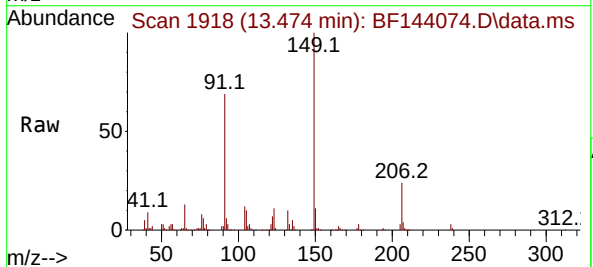
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

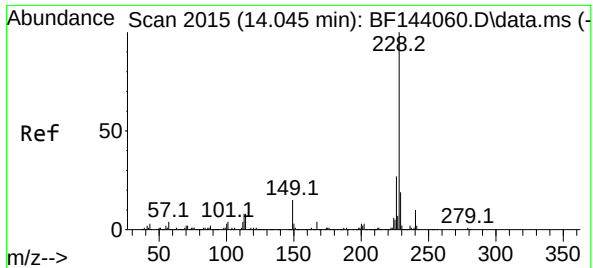
Tgt Ion:244 Resp: 588700
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 6.2 4.9 7.3



#80
Butylbenzylphthalate
Concen: 40.484 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 124111
Ion Ratio Lower Upper
149 100
91 68.9 56.6 84.8
206 24.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 43.272 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

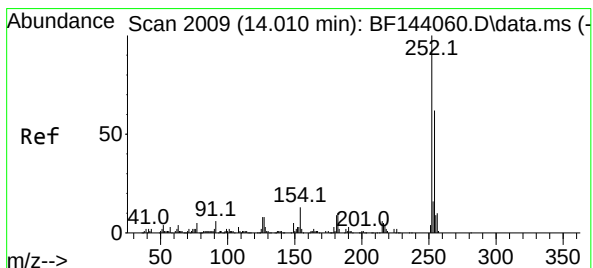
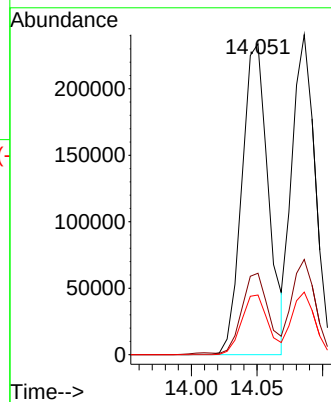
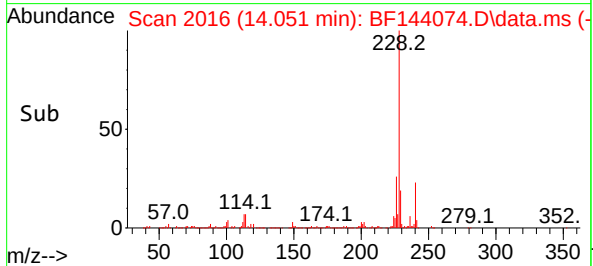
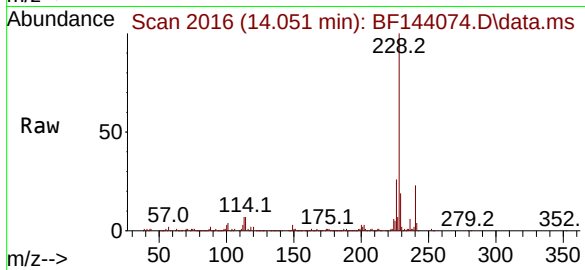
Tgt Ion:228 Resp: 329626

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.2

229 19.2 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.969 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

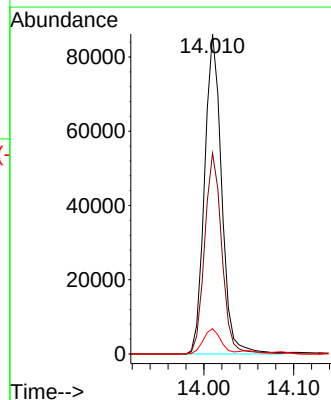
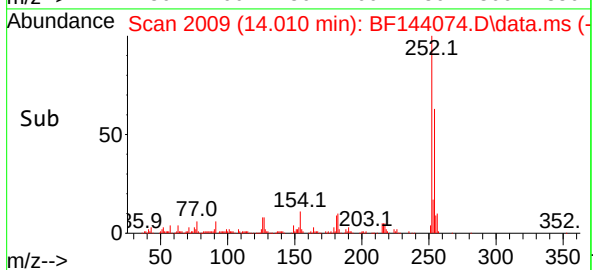
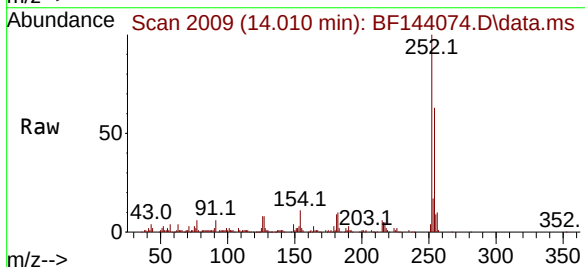
Tgt Ion:252 Resp: 113938

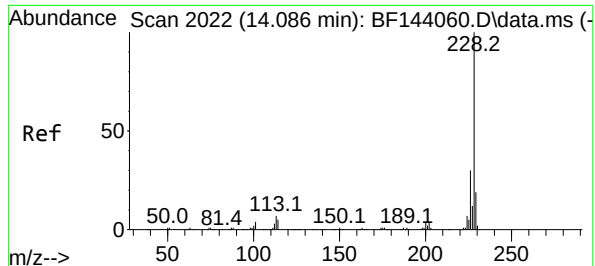
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

126 7.9 6.5 9.7





#83

Chrysene

Concen: 41.319 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

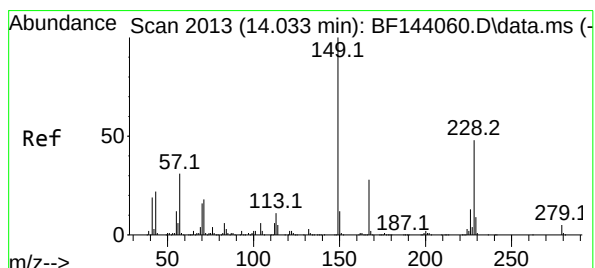
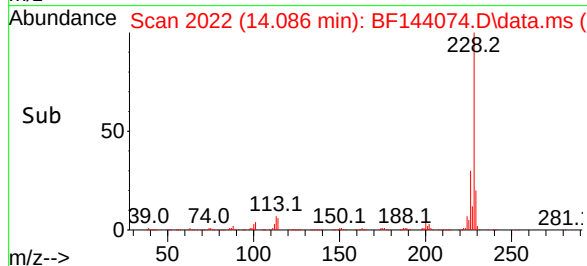
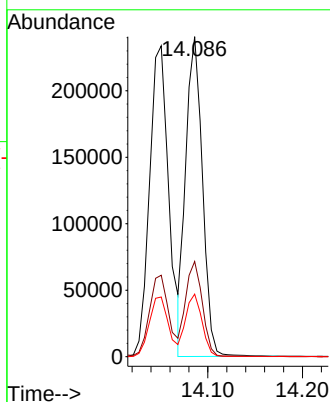
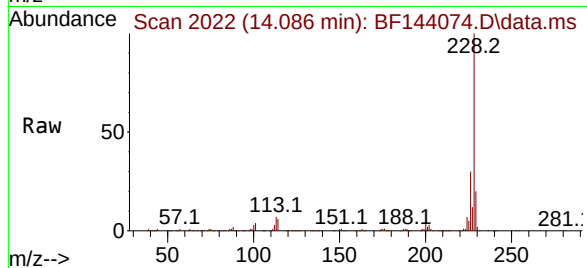
Tgt Ion:228 Resp: 295359

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.991 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

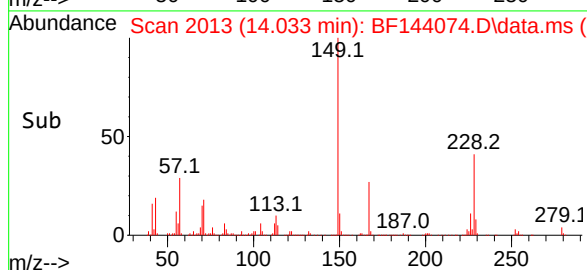
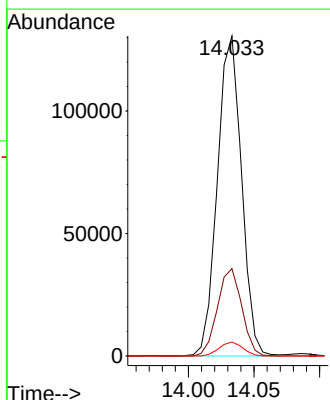
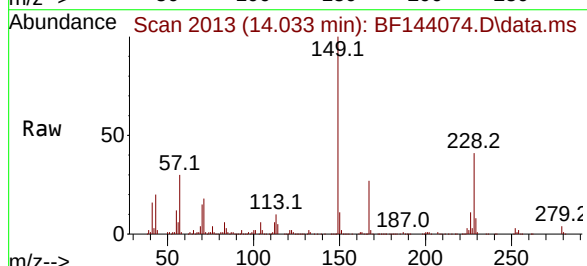
Tgt Ion:149 Resp: 167373

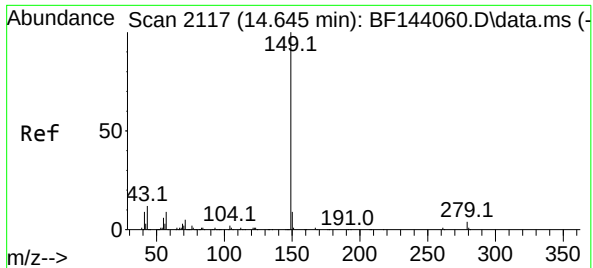
Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 4.4 3.6 5.4

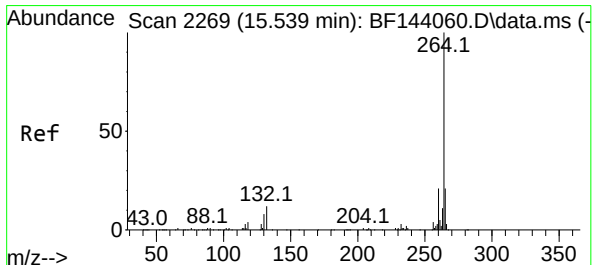
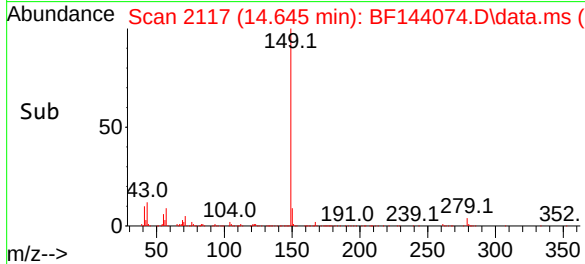
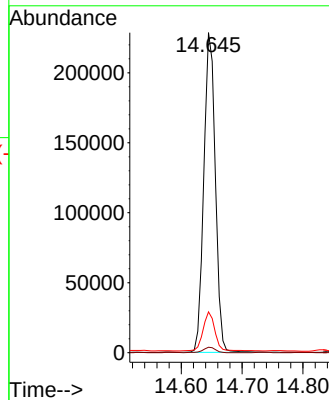
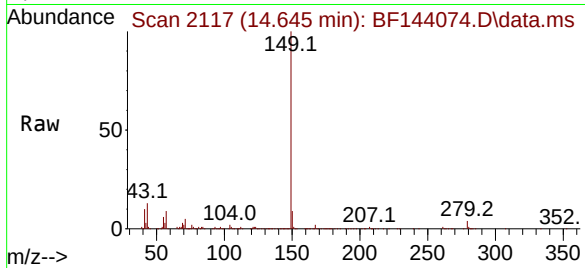




#85
Di-n-octyl phthalate
Concen: 41.585 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

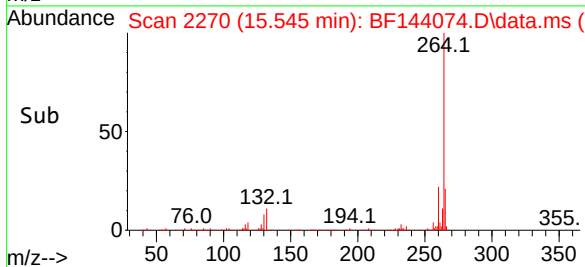
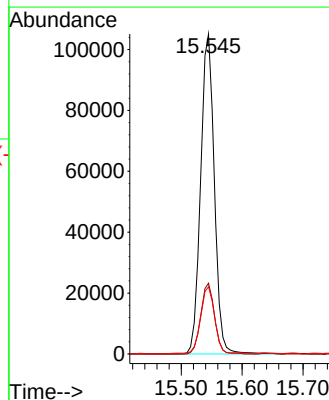
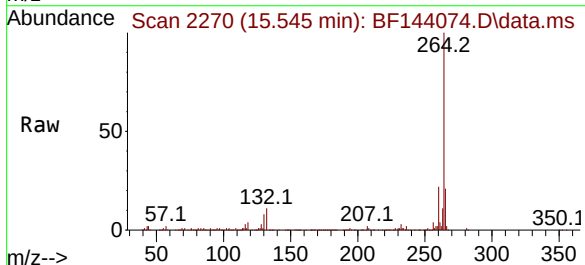
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

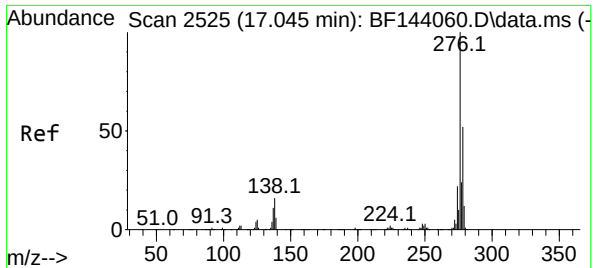
Tgt Ion:149 Resp: 299304
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 12.7 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:264 Resp: 164562
Ion Ratio Lower Upper
264 100
260 22.1 17.0 25.4
265 21.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.981 ng

RT: 17.051 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

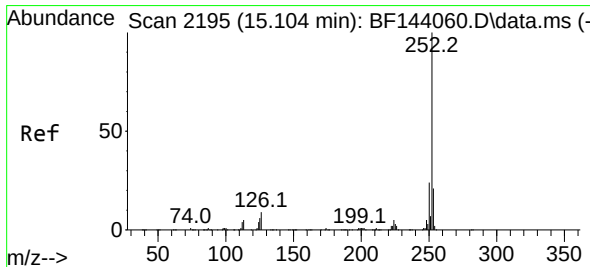
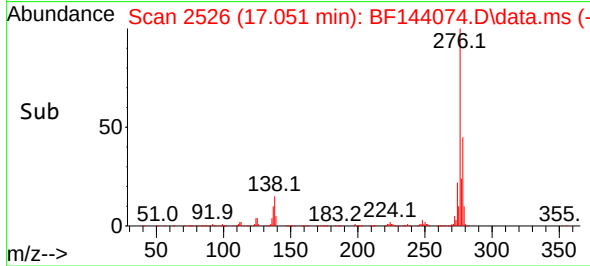
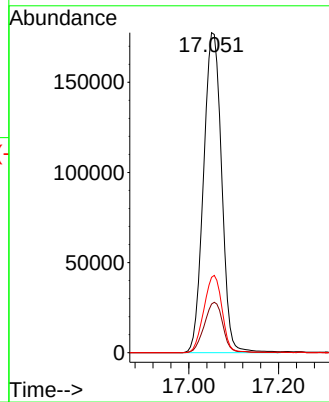
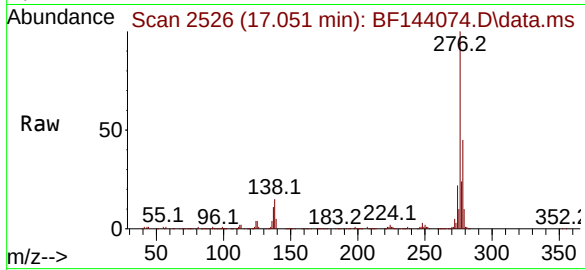
Tgt Ion:276 Resp: 496906

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 39.622 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

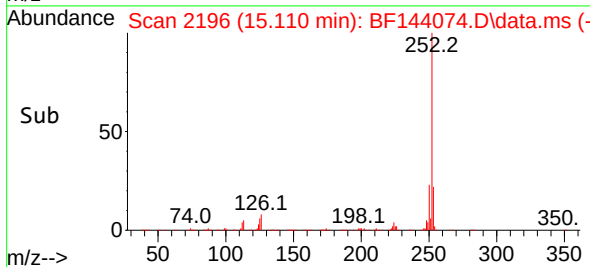
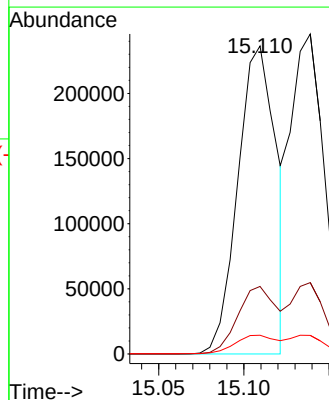
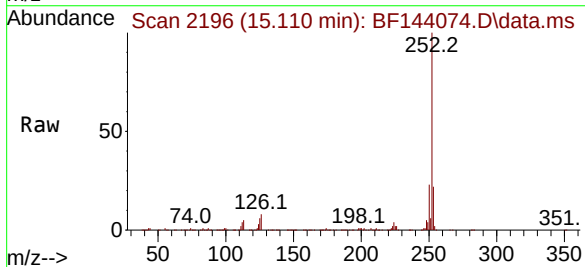
Tgt Ion:252 Resp: 368610

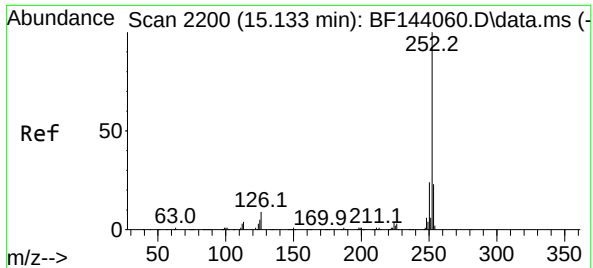
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.1 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 39.586 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

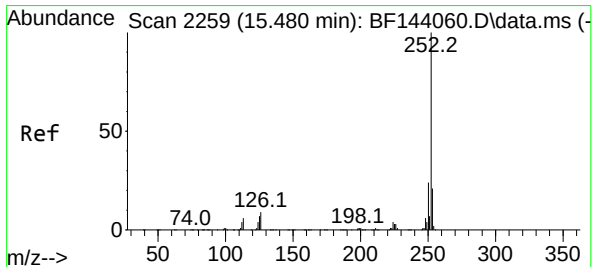
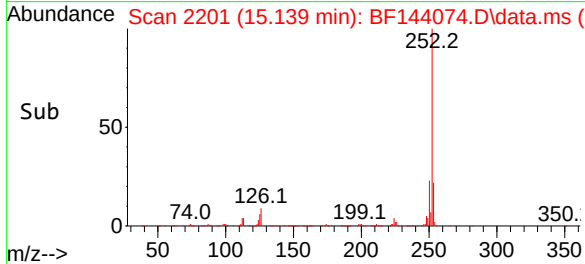
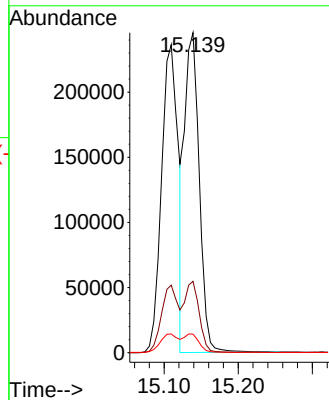
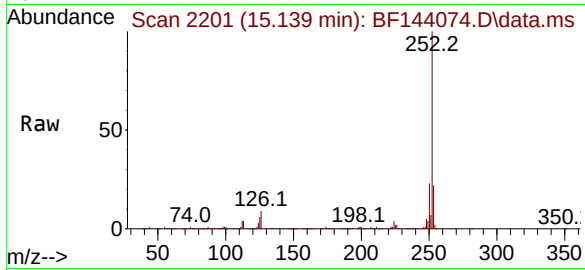
Tgt Ion:252 Resp: 339785

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 41.791 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

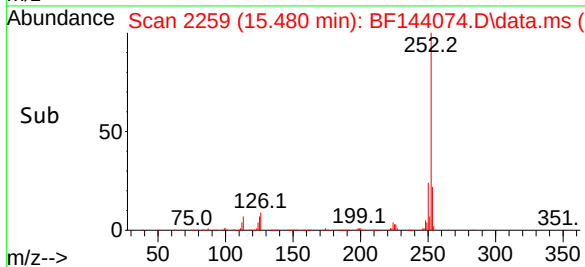
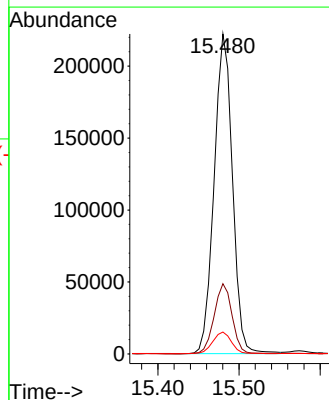
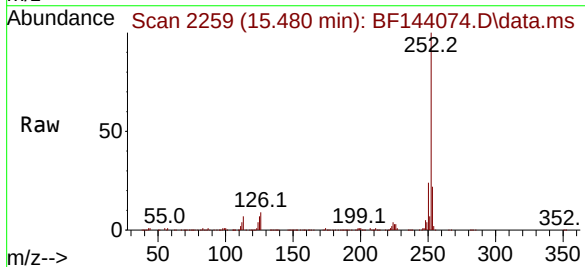
Tgt Ion:252 Resp: 348799

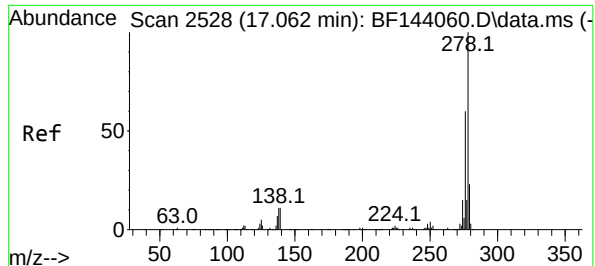
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 6.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.695 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

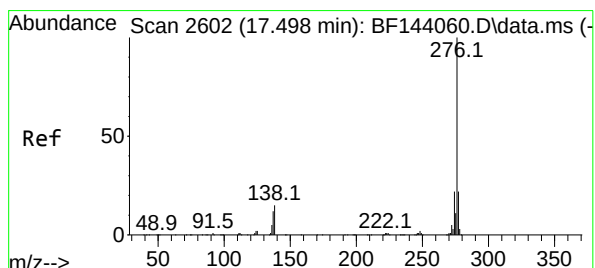
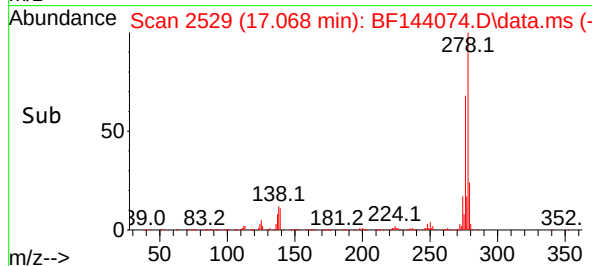
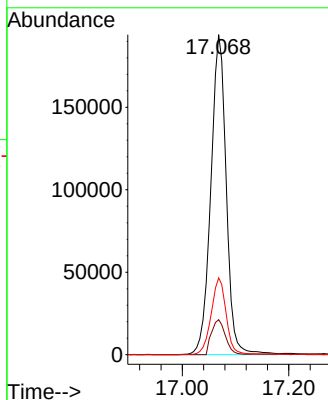
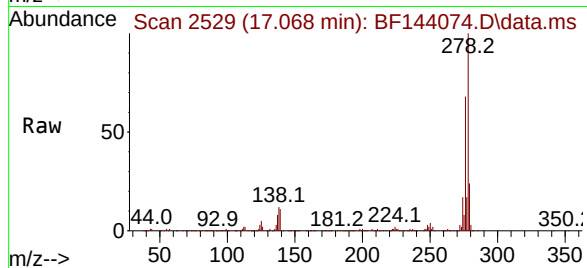
Tgt Ion:278 Resp: 390777

Ion Ratio Lower Upper

278 100

139 10.9 8.5 12.7

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.914 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

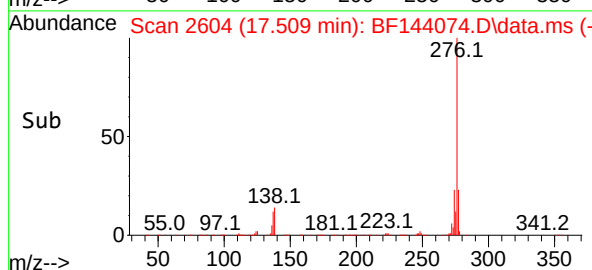
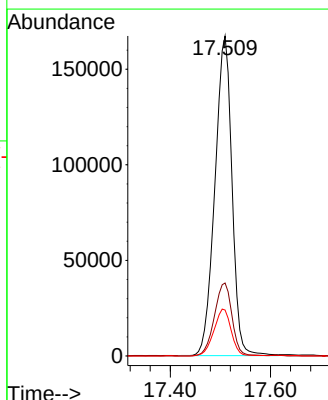
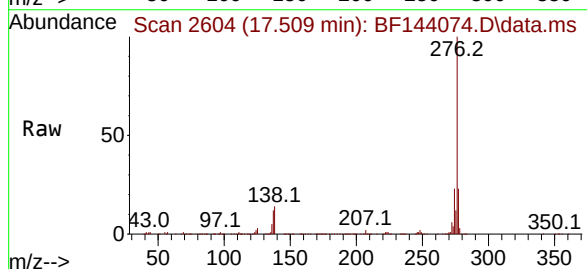
Tgt Ion:276 Resp: 394850

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2	1,4-Dioxane	0.546	0.545	0.2	109	-0.01
3	Pyridine	1.462	1.525	-4.3	110	0.00
4	n-Nitrosodimethylamine	0.899	0.858	4.6	104	0.00
5 S	2-Fluorophenol	1.264	1.380	-9.2	117	0.00
6	Aniline	1.997	2.149	-7.6	118	0.00
7 S	Phenol-d6	1.396	1.515	-8.5	119	0.00
8	2-Chlorophenol	1.245	1.332	-7.0	118	0.00
9	Benzaldehyde	1.084	1.063	1.9	112	0.00
10 C	Phenol	1.722	1.833	-6.4	117	0.00
11	bis(2-Chloroethyl)ether	1.245	1.349	-8.4	119	0.00
12	1,3-Dichlorobenzene	1.536	1.641	-6.8	116	0.00
13 C	1,4-Dichlorobenzene	1.513	1.626	-7.5	116	0.00
14	1,2-Dichlorobenzene	1.464	1.550	-5.9	116	0.00
15	Benzyl Alcohol	1.135	1.248	-10.0	120	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.496	-6.7	116	0.00
17	2-Methylphenol	0.957	1.041	-8.8	123	0.00
18	Hexachloroethane	0.541	0.579	-7.0	117	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	0.952	-5.4	120	0.00
20	3+4-Methylphenols	1.132	1.219	-7.7	115	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22	Acetophenone	0.432	0.456	-5.6	120	0.00
23 S	Nitrobenzene-d5	0.365	0.385	-5.5	120	0.00
24	Nitrobenzene	0.386	0.407	-5.4	119	0.00
25	Isophorone	0.638	0.683	-7.1	122	0.00
26 C	2-Nitrophenol	0.184	0.199	-8.2	119	0.00
27	2,4-Dimethylphenol	0.273	0.309	-13.2	124	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.425	-6.8	121	0.00
29 C	2,4-Dichlorophenol	0.317	0.336	-6.0	119	0.00
30	1,2,4-Trichlorobenzene	0.327	0.335	-2.4	115	0.00
31	Naphthalene	0.944	0.998	-5.7	118	0.00
32	Benzoic acid	0.173	0.181	-4.6	142	0.00
33	4-Chloroaniline	0.329	0.363	-10.3	124	0.00
34 C	Hexachlorobutadiene	0.267	0.273	-2.2	116	0.00
35	Caprolactam	0.080	0.087	-8.7	118	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.302	-7.9	123	0.00
37	2-Methylnaphthalene	0.622	0.664	-6.8	118	0.00
38	1-Methylnaphthalene	0.590	0.636	-7.8	123	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	124	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.712	-3.6	125	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.233	-9.9	132	0.00
42 S	2,4,6-Tribromophenol	0.255	0.270	-5.9	128	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.457	-2.2	120	0.00
44	2,4,5-Trichlorophenol	0.469	0.499	-6.4	132	0.00
45 S	2-Fluorobiphenyl	1.421	1.420	0.1	121	0.00
46	1,1'-Biphenyl	1.432	1.433	-0.1	120	0.00
47	2-Chloronaphthalene	1.199	1.225	-2.2	124	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.356	0.384	-7.9	125	0.00
49	Acenaphthylene	1.617	1.654	-2.3	120	0.00
50	Dimethylphthalate	1.311	1.344	-2.5	122	0.00
51	2,6-Dinitrotoluene	0.259	0.282	-8.9	127	0.00
52 C	Acenaphthene	1.080	1.105	-2.3	123	0.00
53	3-Nitroaniline	0.288	0.296	-2.8	114	0.00
54 P	2,4-Dinitrophenol	0.140	0.137	2.1	137	0.00
55	Dibenzofuran	1.499	1.549	-3.3	123	0.00
56 P	4-Nitrophenol	0.195	0.203	-4.1	134	0.00
57	2,4-Dinitrotoluene	0.350	0.367	-4.9	118	0.00
58	Fluorene	1.143	1.167	-2.1	121	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.362	-9.7	124	0.00
60	Diethylphthalate	1.233	1.247	-1.1	120	0.00
61	4-Chlorophenyl-phenylether	0.643	0.665	-3.4	122	0.00
62	4-Nitroaniline	0.273	0.281	-2.9	117	0.00
63	Azobenzene	1.167	1.180	-1.1	118	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	116	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.134	-4.7	126	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.685	-7.2	123	0.00
67	4-Bromophenyl-phenylether	0.250	0.275	-10.0	122	0.00
68	Hexachlorobenzene	0.307	0.333	-8.5	120	0.00
69	Atrazine	0.210	0.202	3.8	112	0.00
70 C	Pentachlorophenol	0.146	0.160	-9.6	124	0.00
71	Phenanthrene	0.994	1.034	-4.0	117	0.00
72	Anthracene	1.026	1.032	-0.6	113	0.00
73	Carbazole	0.874	0.880	-0.7	112	0.00
74	Di-n-butylphthalate	1.071	1.039	3.0	107	0.00
75 C	Fluoranthene	1.098	1.041	5.2	107	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	91	0.00
77	Benzidine	0.622	0.645	-3.7	88	0.00
78	Pyrene	1.438	1.685	-17.2	101	0.00
79 S	Terphenyl-d14	1.144	1.306	-14.2	98	0.00
80	Butylbenzylphthalate	0.544	0.551	-1.3	84	0.00
81	Benzo(a)anthracene	1.352	1.462	-8.1	88	0.00
82	3,3'-Dichlorobenzidine	0.470	0.505	-7.4	90	0.00
83	Chrysene	1.268	1.310	-3.3	91	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.742	0.1	85	0.00
85 c	Di-n-octyl phthalate	1.277	1.328	-4.0	87	0.00
86 I	Perylene-d12	1.000	1.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.510	-10.0	110	0.00
88	Benzo(b)fluoranthene	1.131	1.120	1.0	95	0.00
89	Benzo(k)fluoranthene	1.043	1.032	1.1	105	0.00
90 C	Benzo(a)pyrene	1.014	1.060	-4.5	105	0.00
91	Dibenzo(a,h)anthracene	1.087	1.187	-9.2	110	0.00
92	Benzo(g,h,i)perylene	1.093	1.200	-9.8	108	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	0.00
2	1,4-Dioxane	40.000	39.936	0.2	109	-0.01
3	Pyridine	40.000	41.712	-4.3	110	0.00
4	n-Nitrosodimethylamine	40.000	38.172	4.6	104	0.00
5 S	2-Fluorophenol	80.000	87.355	-9.2	117	0.00
6	Aniline	40.000	43.042	-7.6	118	0.00
7 S	Phenol-d6	80.000	86.803	-8.5	119	0.00
8	2-Chlorophenol	40.000	42.812	-7.0	118	0.00
9	Benzaldehyde	40.000	39.213	2.0	112	0.00
10 C	Phenol	40.000	42.559	-6.4	117	0.00
11	bis(2-Chloroethyl)ether	40.000	43.342	-8.4	119	0.00
12	1,3-Dichlorobenzene	40.000	42.743	-6.9	116	0.00
13 C	1,4-Dichlorobenzene	40.000	42.963	-7.4	116	0.00
14	1,2-Dichlorobenzene	40.000	42.349	-5.9	116	0.00
15	Benzyl Alcohol	40.000	43.981	-10.0	120	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.682	-6.7	116	0.00
17	2-Methylphenol	40.000	43.474	-8.7	123	0.00
18	Hexachloroethane	40.000	42.808	-7.0	117	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.191	-5.5	120	0.00
20	3+4-Methylphenols	40.000	43.078	-7.7	115	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22	Acetophenone	40.000	42.203	-5.5	120	0.00
23 S	Nitrobenzene-d5	80.000	84.277	-5.3	120	0.00
24	Nitrobenzene	40.000	42.153	-5.4	119	0.00
25	Isophorone	40.000	42.811	-7.0	122	0.00
26 C	2-Nitrophenol	40.000	43.268	-8.2	119	0.00
27	2,4-Dimethylphenol	40.000	45.340	-13.4	124	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.723	-6.8	121	0.00
29 C	2,4-Dichlorophenol	40.000	42.393	-6.0	119	0.00
30	1,2,4-Trichlorobenzene	40.000	41.079	-2.7	115	0.00
31	Naphthalene	40.000	42.271	-5.7	118	0.00
32	Benzoic acid	40.000	41.781	-4.5	142	0.00
33	4-Chloroaniline	40.000	44.158	-10.4	124	0.00
34 C	Hexachlorobutadiene	40.000	40.877	-2.2	116	0.00
35	Caprolactam	40.000	43.869	-9.7	118	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.150	-7.9	123	0.00
37	2-Methylnaphthalene	40.000	42.699	-6.7	118	0.00
38	1-Methylnaphthalene	40.000	43.152	-7.9	123	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	124	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.440	-3.6	125	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.878	-9.7	132	0.00
42 S	2,4,6-Tribromophenol	80.000	84.893	-6.1	128	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.949	-2.4	120	0.00
44	2,4,5-Trichlorophenol	40.000	42.599	-6.5	132	0.00
45 S	2-Fluorobiphenyl	80.000	79.903	0.1	121	0.00
46	1,1'-Biphenyl	40.000	40.027	-0.1	120	0.00
47	2-Chloronaphthalene	40.000	40.869	-2.2	124	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.173	-7.9	125	0.00
49	Acenaphthylene	40.000	40.908	-2.3	120	0.00
50	Dimethylphthalate	40.000	41.020	-2.6	122	0.00
51	2,6-Dinitrotoluene	40.000	43.531	-8.8	127	0.00
52 C	Acenaphthene	40.000	40.938	-2.3	123	0.00
53	3-Nitroaniline	40.000	41.061	-2.7	114	0.00
54 P	2,4-Dinitrophenol	40.000	38.960	2.6	137	0.00
55	Dibenzofuran	40.000	41.318	-3.3	123	0.00
56 P	4-Nitrophenol	40.000	41.527	-3.8	134	0.00
57	2,4-Dinitrotoluene	40.000	41.918	-4.8	118	0.00
58	Fluorene	40.000	40.866	-2.2	121	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.817	-9.5	124	0.00
60	Diethylphthalate	40.000	40.457	-1.1	120	0.00
61	4-Chlorophenyl-phenylether	40.000	41.424	-3.6	122	0.00
62	4-Nitroaniline	40.000	41.182	-3.0	117	0.00
63	Azobenzene	40.000	40.465	-1.2	118	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	116	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.715	-4.3	126	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.907	-7.3	123	0.00
67	4-Bromophenyl-phenylether	40.000	43.947	-9.9	122	0.00
68	Hexachlorobenzene	40.000	43.436	-8.6	120	0.00
69	Atrazine	40.000	38.475	3.8	112	0.00
70 C	Pentachlorophenol	40.000	43.784	-9.5	124	0.00
71	Phenanthrene	40.000	41.610	-4.0	117	0.00
72	Anthracene	40.000	40.239	-0.6	113	0.00
73	Carbazole	40.000	40.288	-0.7	112	0.00
74	Di-n-butylphthalate	40.000	38.793	3.0	107	0.00
75 C	Fluoranthene	40.000	37.938	5.2	107	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	91	0.00
77	Benzydine	40.000	41.457	-3.6	88	0.00
78	Pyrene	40.000	46.872	-17.2	101	0.00
79 S	Terphenyl-d14	80.000	91.306	-14.1	98	0.00
80	Butylbenzylphthalate	40.000	40.484	-1.2	84	0.00
81	Benzo(a)anthracene	40.000	43.272	-8.2	88	0.00
82	3,3'-Dichlorobenzidine	40.000	42.969	-7.4	90	0.00
83	Chrysene	40.000	41.319	-3.3	91	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.991	0.0	85	0.00
85 c	Di-n-octyl phthalate	40.000	41.585	-4.0	87	0.00
86 I	Perylene-d12	20.000	20.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.981	-10.0	110	0.00
88	Benzo(b)fluoranthene	40.000	39.622	0.9	95	0.00
89	Benzo(k)fluoranthene	40.000	39.586	1.0	105	0.00
90 C	Benzo(a)pyrene	40.000	41.791	-4.5	105	0.00
91	Dibenzo(a,h)anthracene	40.000	43.695	-9.2	110	0.00
92	Benzo(g,h,i)perylene	40.000	43.914	-9.8	108	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

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



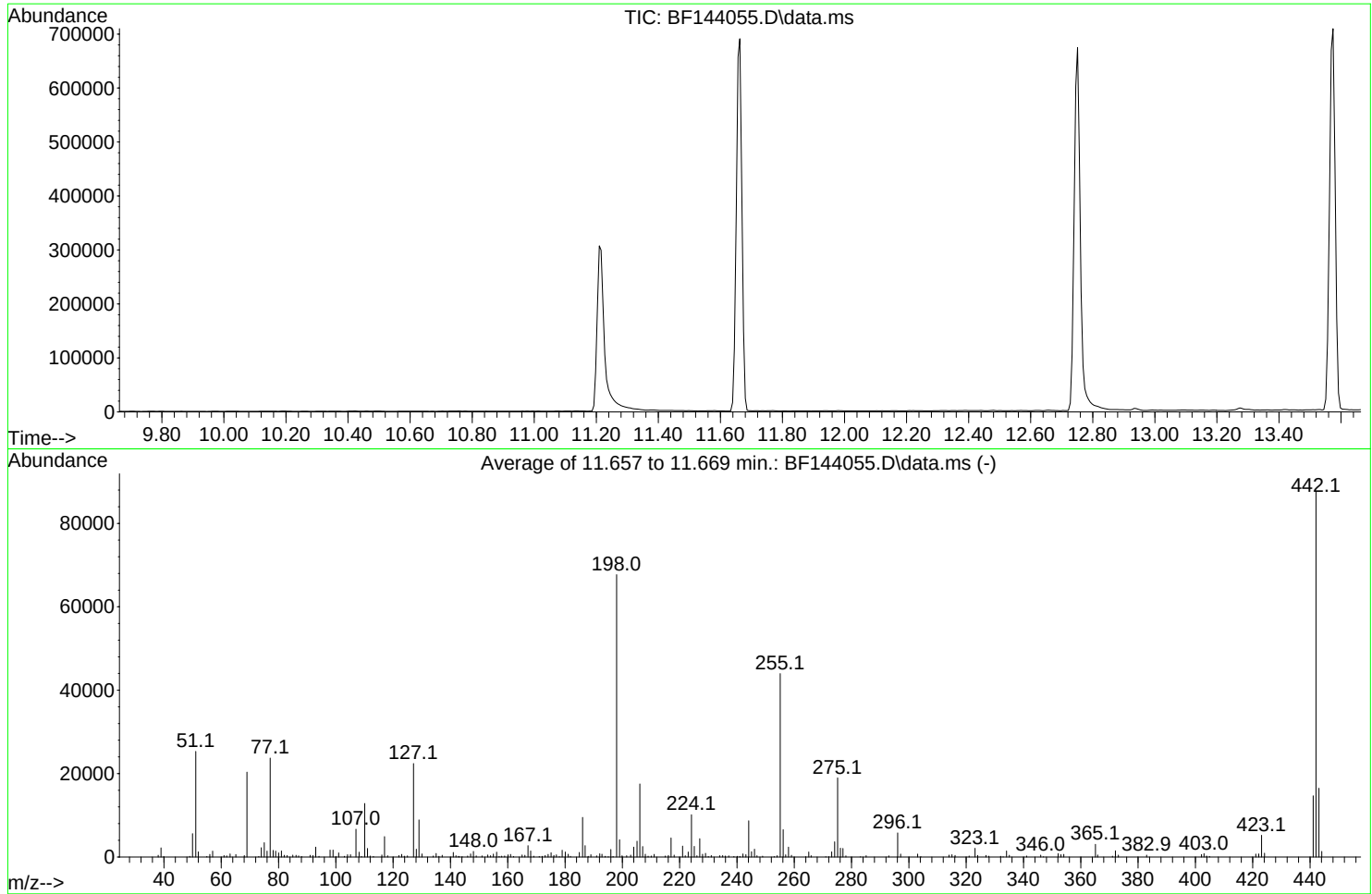
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



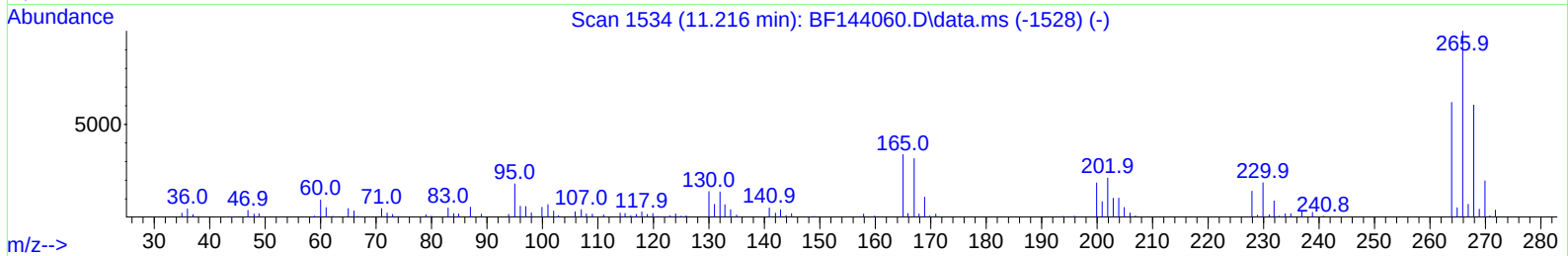
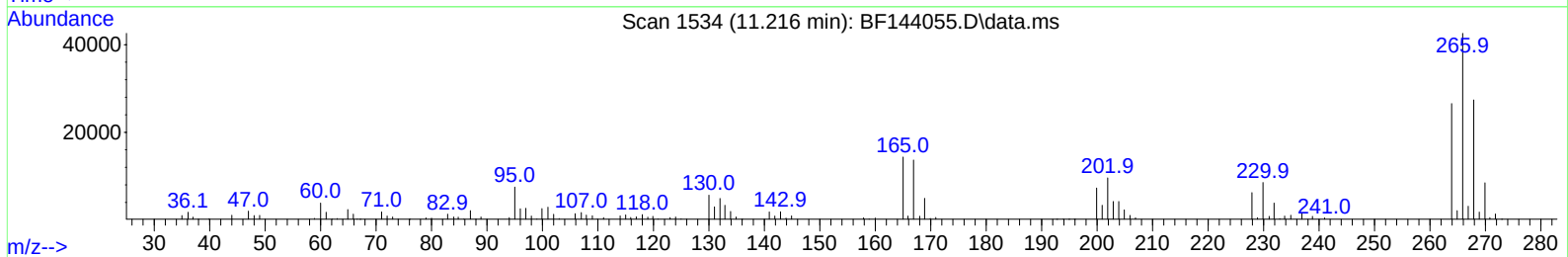
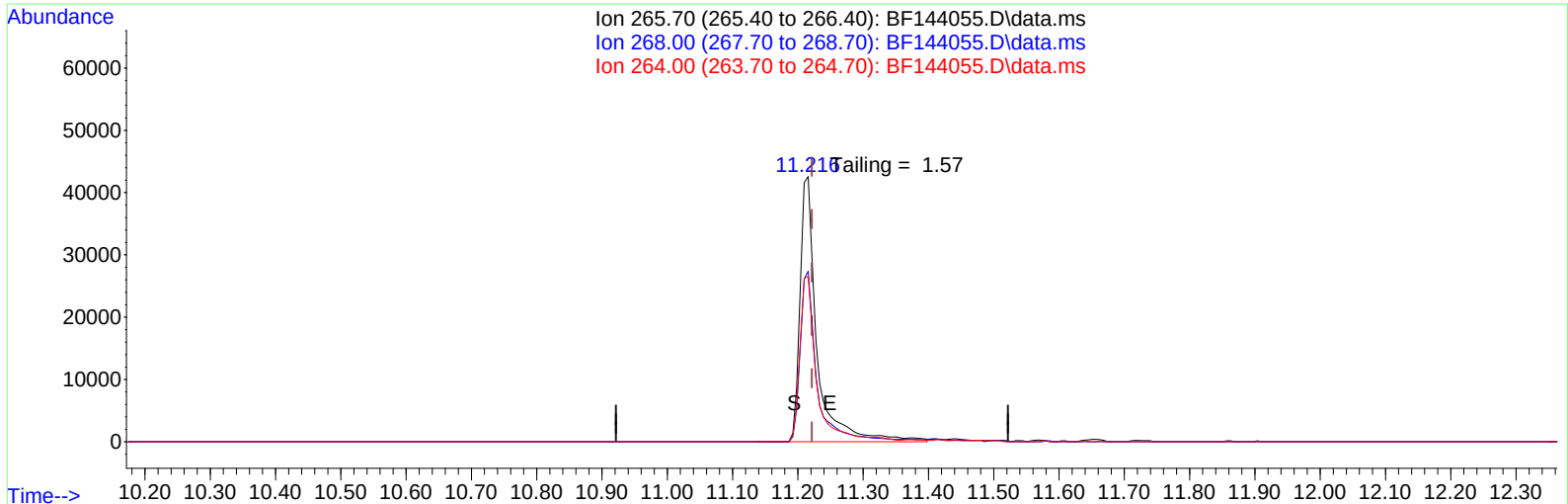
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	333	PASS
69	69	100	100	100.0	20363	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.2	133	PASS
198	198	100	100	100.0	67712	PASS
199	198	5	9	6.1	4142	PASS
365	198	1	100	4.5	3052	PASS
441	443	0.01	150	89.0	14677	PASS
442	442	100	100	100.0	87547	PASS
443	442	15	24	18.8	16486	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 24 10:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144055.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 43857.19 ng

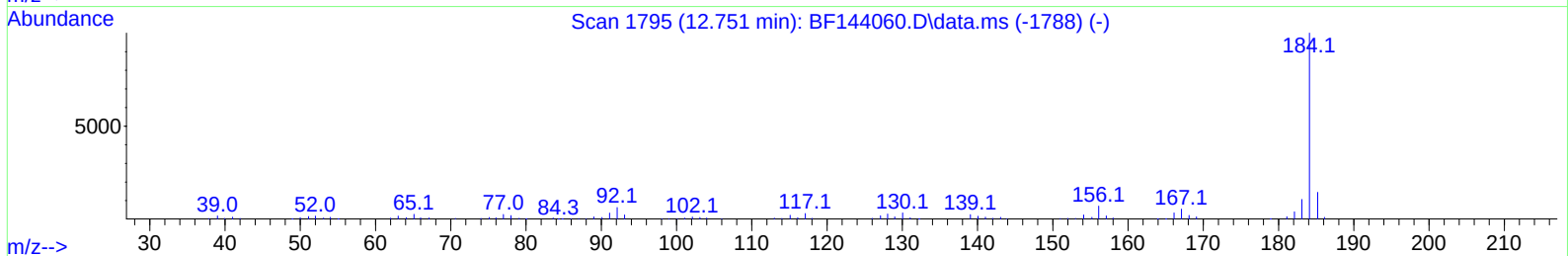
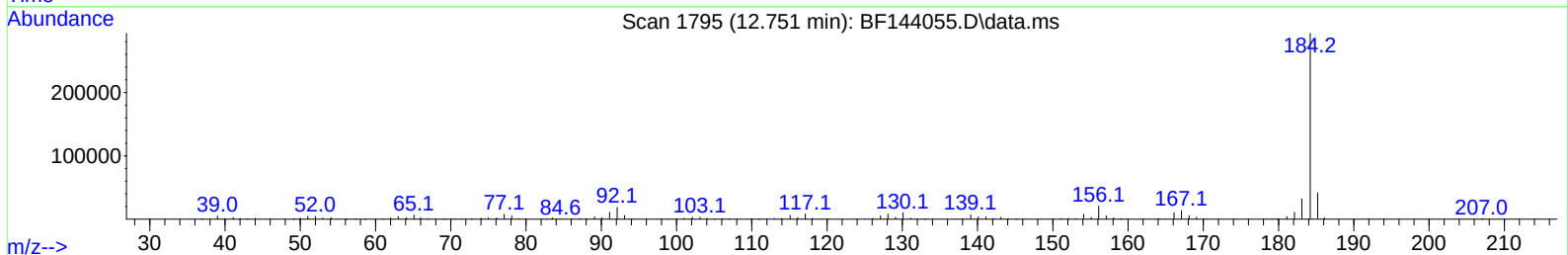
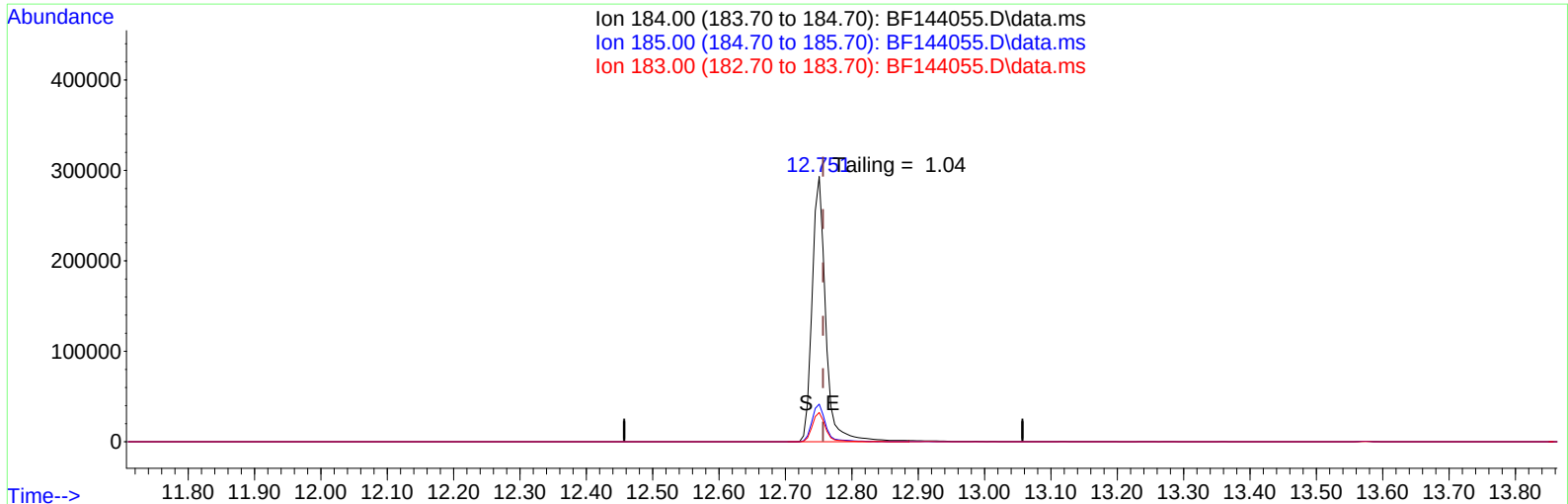
response 76701

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.29
264.00	64.70	62.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 24 10:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144055.D\data.ms

(77) Benzidine

12.751min (-0.006) 0.00 ng

response 416414

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.23
183.00	11.00	11.07
0.00	0.00	0.00

DDT Breakdown

Instrument :
BNA_F
ClientSampleId :
DFTPP

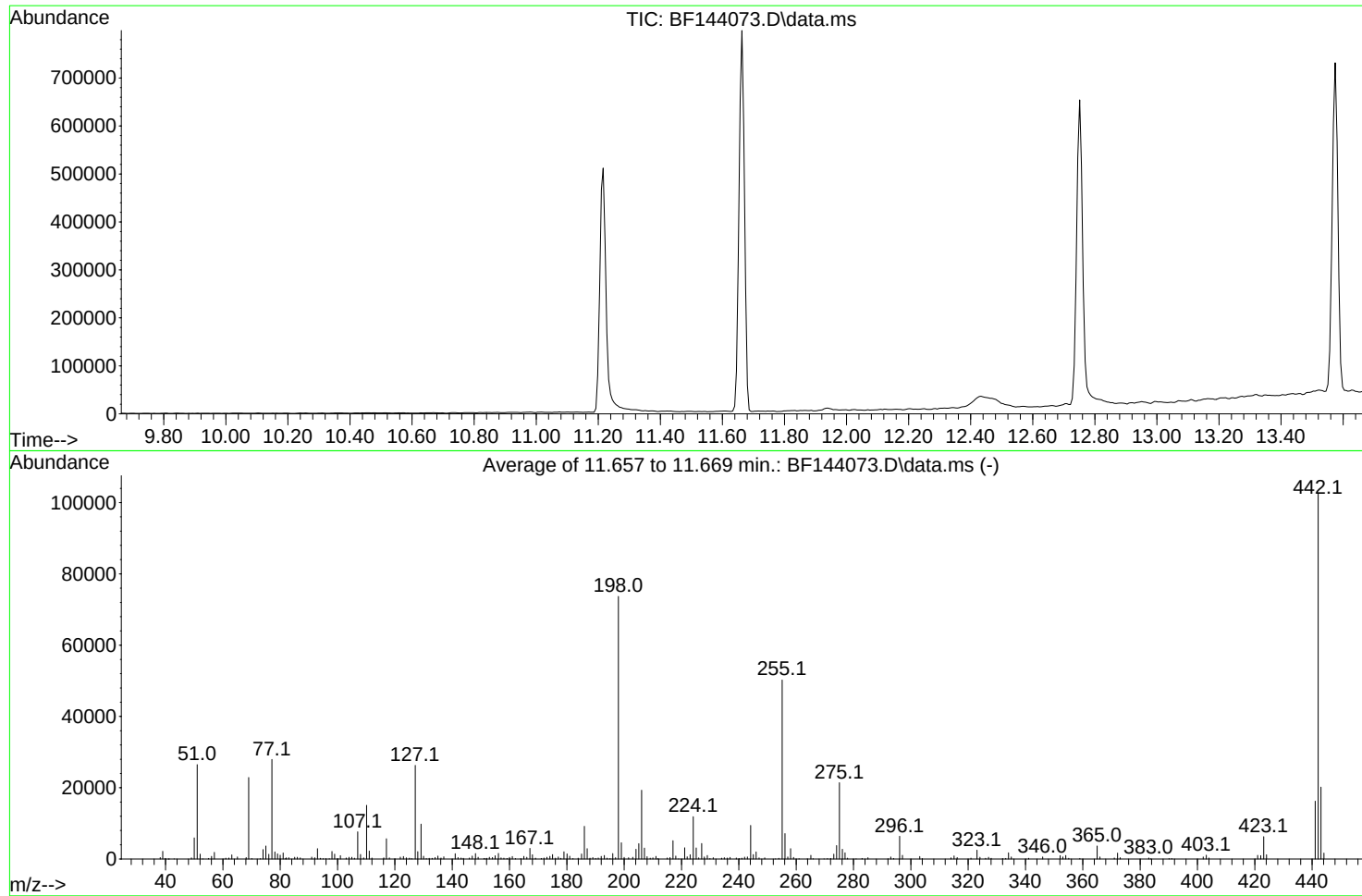
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_F	<u>BF144055.D</u>
Compound Name	Response	Retention Time
DDT	192449	13.574
DDD	3266	13.274
DDE	1346	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4612	197061	2.34

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144073.D
Acq On : 27 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



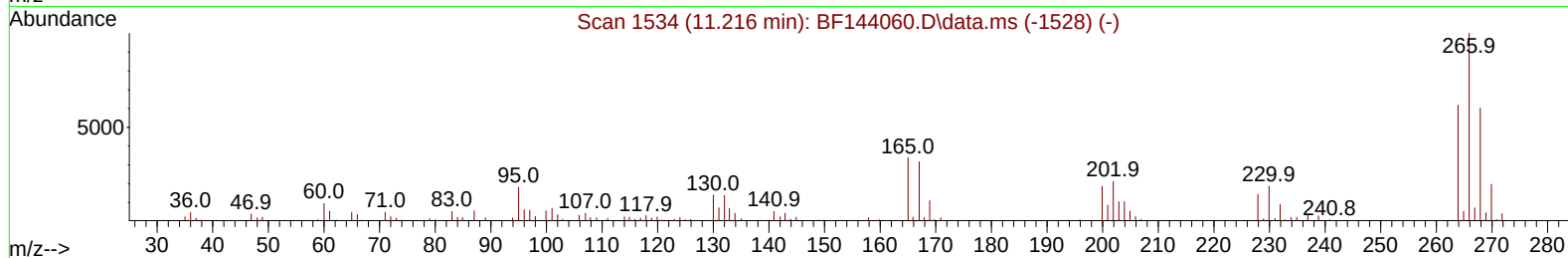
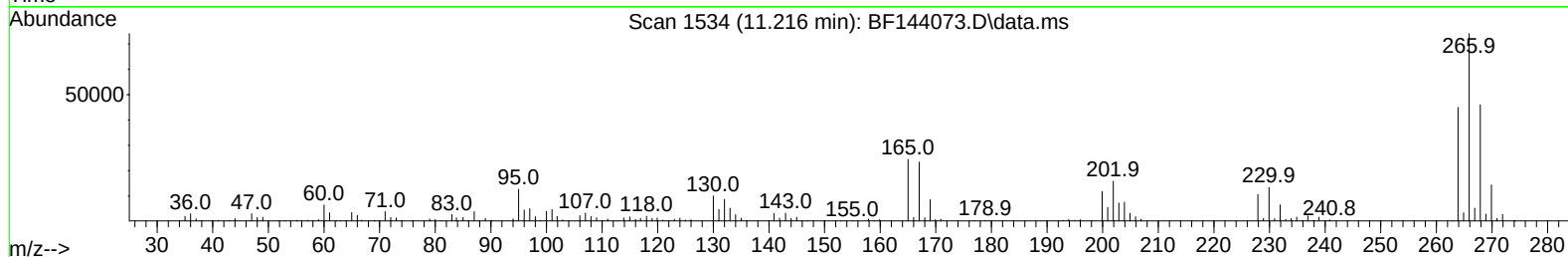
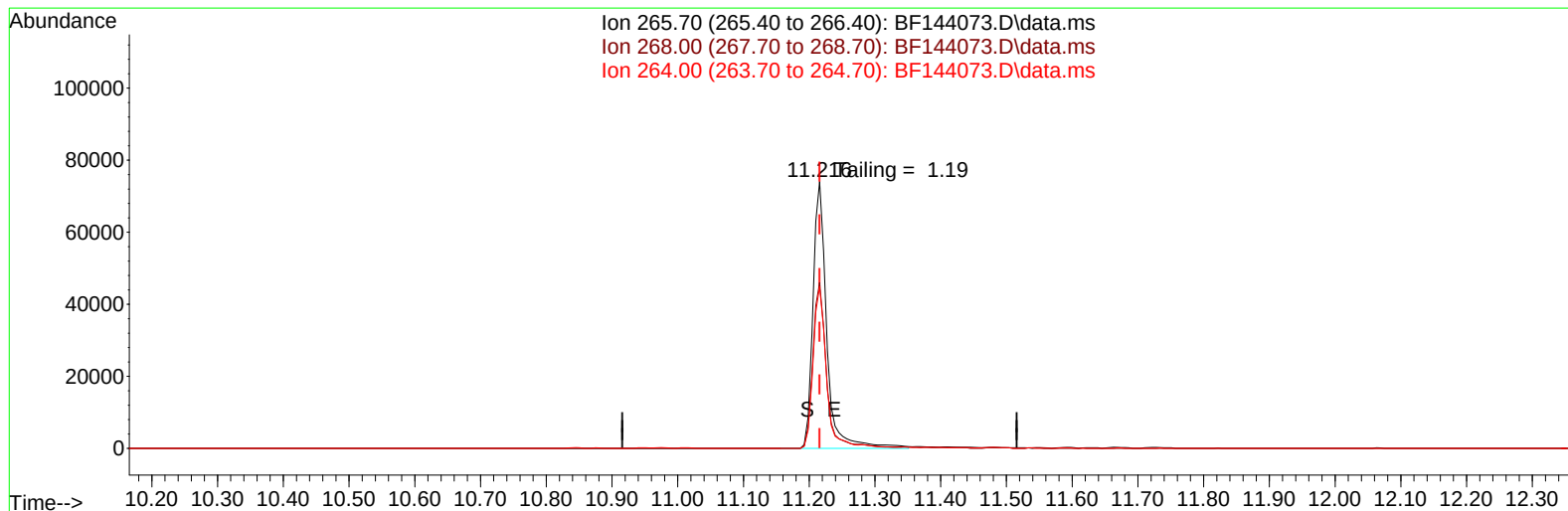
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	439	PASS
69	69	100	100	100.0	22889	PASS
70	69	0.00	2	0.5	121	PASS
197	198	0.00	2	0.5	369	PASS
198	198	100	100	100.0	73707	PASS
199	198	5	9	6.2	4588	PASS
365	198	1	100	4.9	3647	PASS
441	443	0.01	150	80.6	16254	PASS
442	442	100	100	100.0	102437	PASS
443	442	15	24	19.7	20159	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144073.D
Acq On : 27 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 27 11:44:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144073.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 52871.76 ng

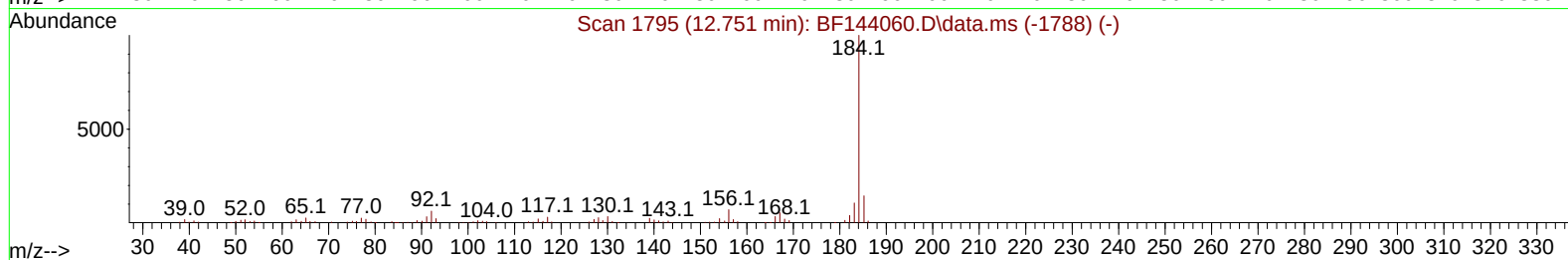
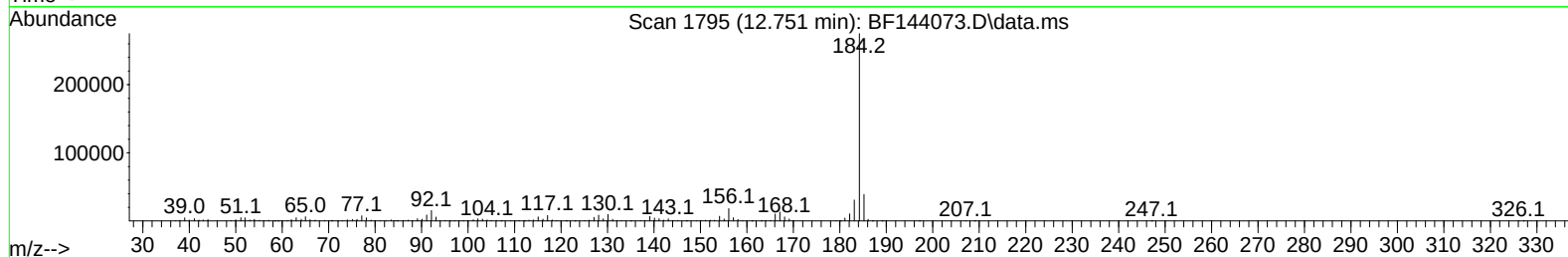
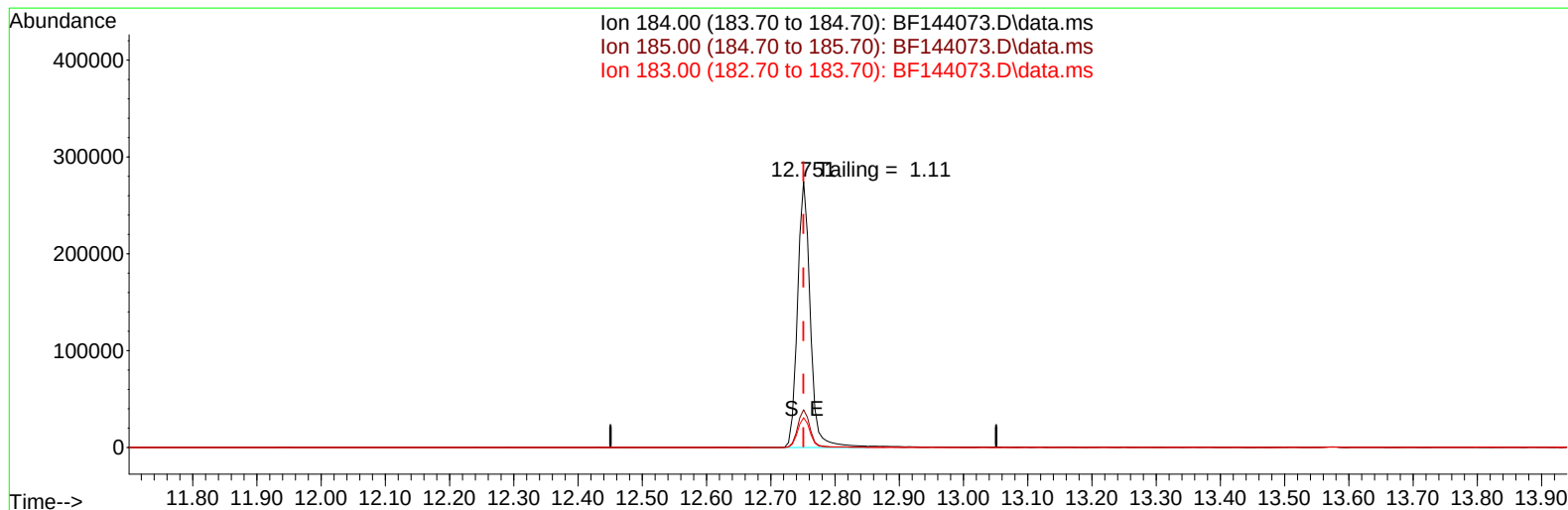
response 108593

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.30	62.12
264.00	61.70	60.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144073.D
Acq On : 27 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 27 11:44:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144073.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 21247.29 ng m

response 380221

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.21
183.00	10.60	11.20
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/27/2025	BNA_F	<u>BF144073.D</u>
Compound Name	Response	Retention Time
DDT	178874	13.574
DDD	2782	13.275
DDE	115	12.992
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2897	181771	1.59

Instrument :
BNA_F
ClientSampleId :
DFTPP

Report of Analysis

Client: Ardmore Chemical		Date Collected:
Project: PVSC Monthly 2025		Date Received:
Client Sample ID: PB170210BL		SDG No.: Q3385
Lab Sample ID: PB170210BL		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: 10/22/25	

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	10/27/25 12:26	PB170210
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	10/27/25 12:26	PB170210
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	10/27/25 12:26	PB170210
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	10/27/25 12:26	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	10/27/25 12:26	PB170210
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	5.00	ug/L	10/27/25 12:26	PB170210
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/27/25 12:26	PB170210
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/27/25 12:26	PB170210
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	10/27/25 12:26	PB170210
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	10/27/25 12:26	PB170210
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	10/27/25 12:26	PB170210
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	10/27/25 12:26	PB170210
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	10/27/25 12:26	PB170210
120-82-1	1,2,4-Trichlorobenzene	0.54	U	1	0.54	5.00	ug/L	10/27/25 12:26	PB170210
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	10/27/25 12:26	PB170210
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/27/25 12:26	PB170210
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	10/27/25 12:26	PB170210
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	10/27/25 12:26	PB170210
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/27/25 12:26	PB170210
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	10/27/25 12:26	PB170210
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	10/27/25 12:26	PB170210
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	10/27/25 12:26	PB170210
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	10/27/25 12:26	PB170210
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	10/27/25 12:26	PB170210
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	10/27/25 12:26	PB170210
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	10/27/25 12:26	PB170210
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/27/25 12:26	PB170210
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	10/27/25 12:26	PB170210
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	10/27/25 12:26	PB170210
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	10/27/25 12:26	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	10/27/25 12:26	PB170210
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	10/27/25 12:26	PB170210
103-33-3	Azobenzene	0.81	U	1	0.81	5.00	ug/L	10/27/25 12:26	PB170210
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	10/27/25 12:26	PB170210
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/27/25 12:26	PB170210
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/27/25 12:26	PB170210
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 12:26	PB170210
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	10/27/25 12:26	PB170210
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	10/27/25 12:26	PB170210
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	10/27/25 12:26	PB170210
92-87-5	Benzidine	4.30	U	1	4.30	10.0	ug/L	10/27/25 12:26	PB170210
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 12:26	PB170210



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:	PB170210BL		SDG No.:	Q3385
Lab Sample ID:	PB170210BL		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: 10/22/25		

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	10/27/25 12:26	PB170210
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	10/27/25 12:26	PB170210
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	10/27/25 12:26	PB170210
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	10/27/25 12:26	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	10/27/25 12:26	PB170210
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	10/27/25 12:26	PB170210
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	10/27/25 12:26	PB170210
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	10/27/25 12:26	PB170210
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	10/27/25 12:26	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	10/27/25 12:26	PB170210
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	10/27/25 12:26	PB170210
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	10/27/25 12:26	PB170210

SURROGATES

367-12-4	2-Fluorophenol	82.3			60 - 140	82%	SPK: 100
13127-88-3	Phenol-d6	87.7			60 - 140	88%	SPK: 100
4165-60-0	Nitrobenzene-d5	84.1			60 - 140	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3			60 - 140	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.9			60 - 140	80%	SPK: 100
1718-51-0	Terphenyl-d14	104			60 - 140	104%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	69800
1146-65-2	Naphthalene-d8	269000
15067-26-2	Acenaphthene-d10	148000
1517-22-2	Phenanthrene-d10	294000
1719-03-5	Chrysene-d12	173000
1520-96-3	Perylene-d12	183000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144078.D
Acq On : 27 Oct 2025 12:26
Operator : RC/JU
Sample : PB170210BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170210BL

Quant Time: Oct 27 13:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69834	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	269261	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147528	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	293923	20.000	ng	0.00
76) Chrysene-d12	14.057	240	172811	20.000	ng	0.00
86) Perylene-d12	15.539	264	183496	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	363375	82.324	ng	0.01
7) Phenol-d6	6.504	99	427429	87.682	ng	0.00
23) Nitrobenzene-d5	7.439	82	413295	84.094	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	150217	79.936	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	884237	84.344	ng	0.00
79) Terphenyl-d14	12.998	244	1026051	103.799	ng	0.00

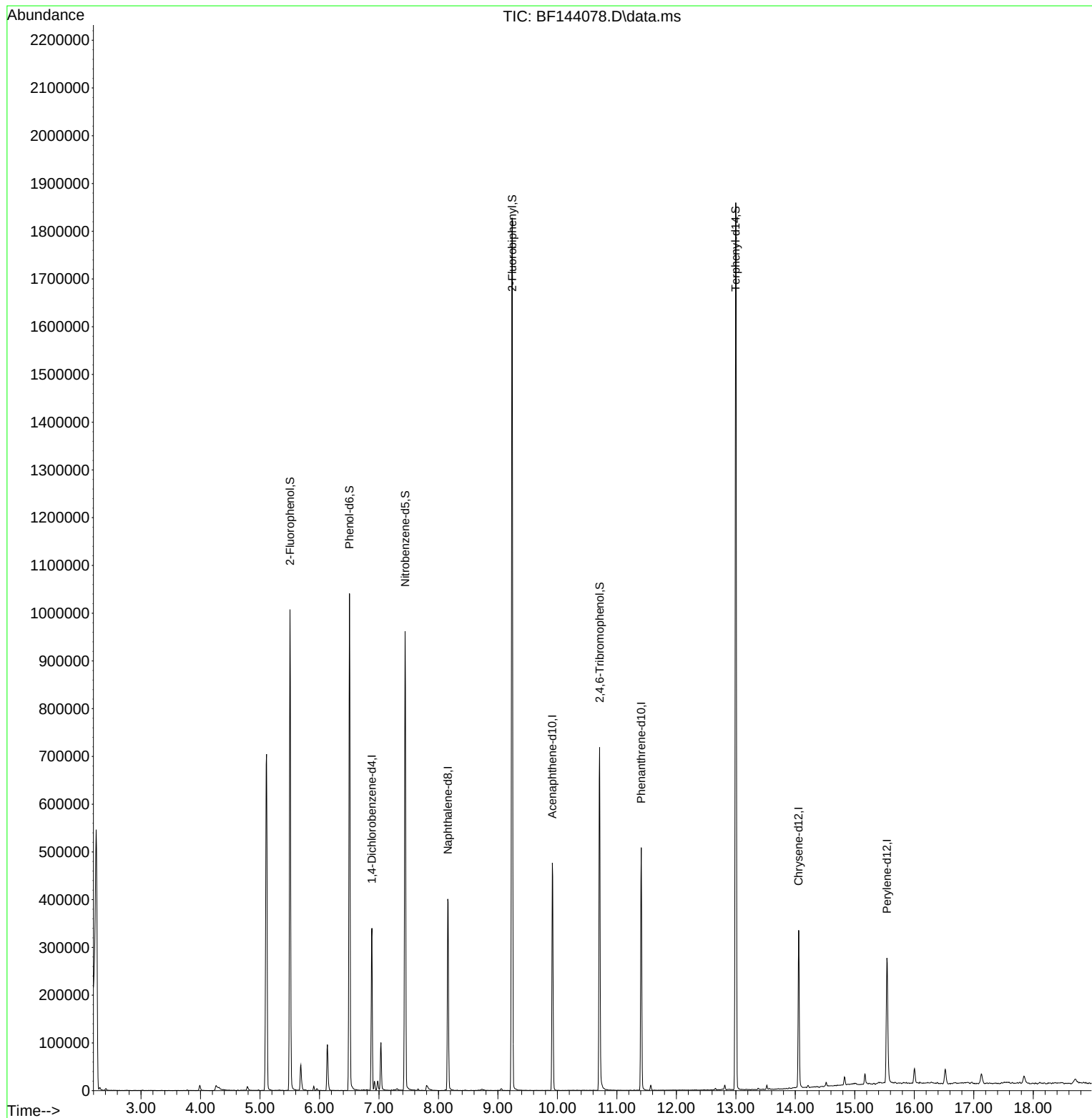
Target Compounds	Qvalue

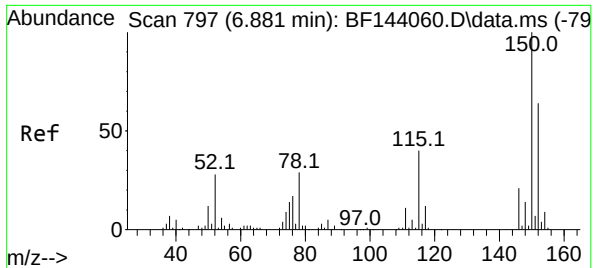
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144078.D
Acq On : 27 Oct 2025 12:26
Operator : RC/JU
Sample : PB170210BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170210BL

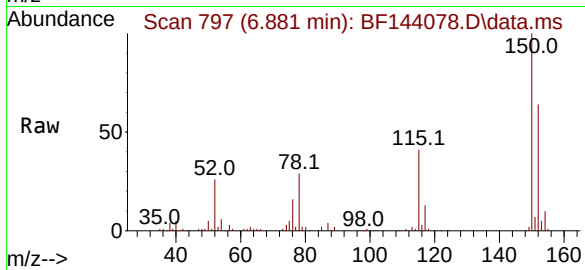
Quant Time: Oct 27 13:08:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



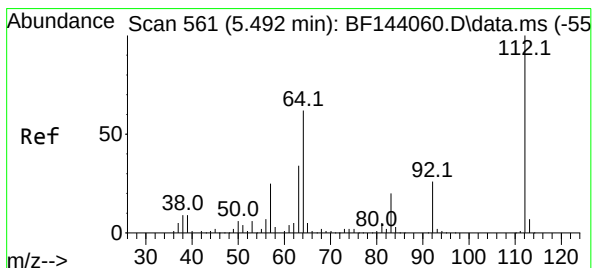
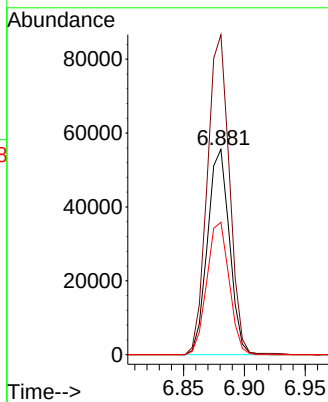
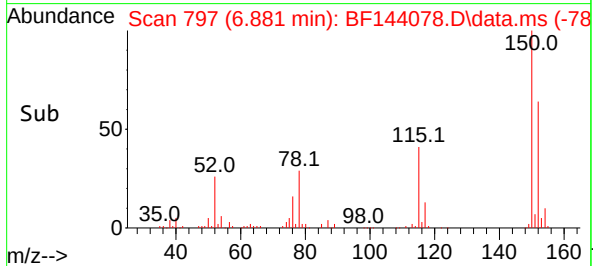


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

Instrument :
BNA_F
ClientSampleId :
PB170210BL

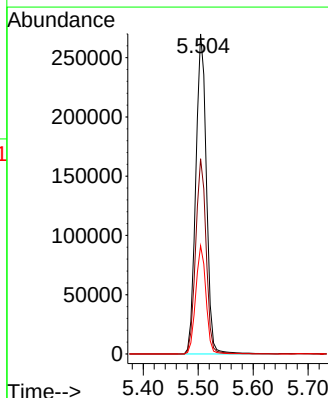
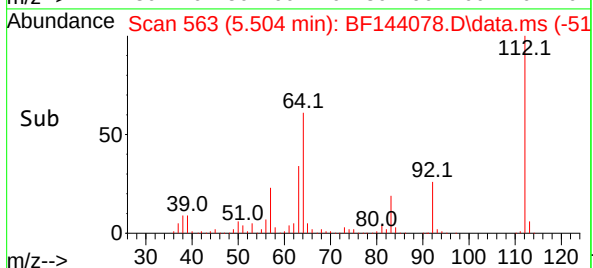
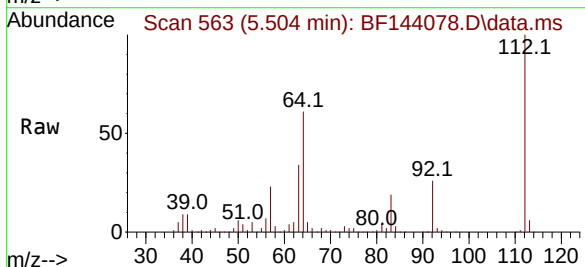


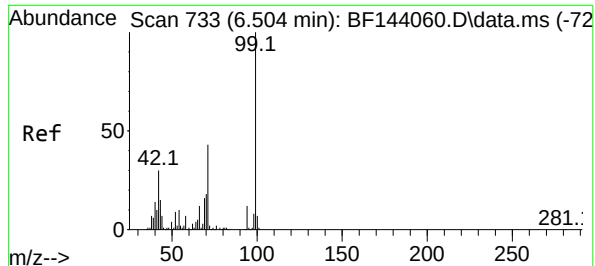
Tgt Ion:152 Resp: 69834
Ion Ratio Lower Upper
152 100
150 155.9 124.4 186.6
115 64.6 49.4 74.0



#5
2-Fluorophenol
Concen: 82.324 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

Tgt Ion:112 Resp: 363375
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.8
63 33.8 27.4 41.2

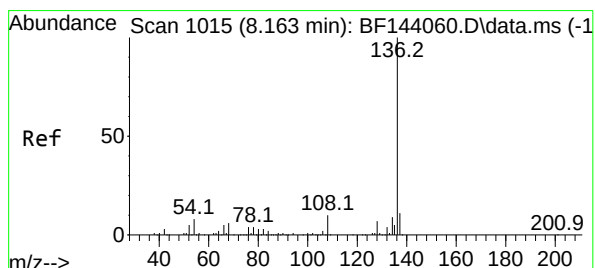
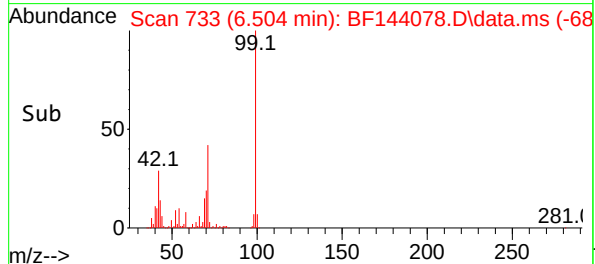
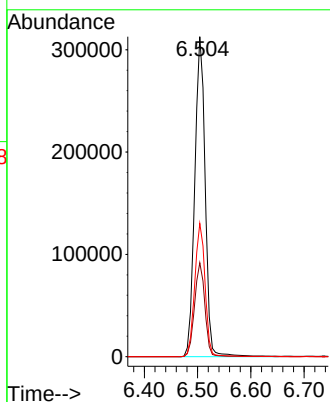
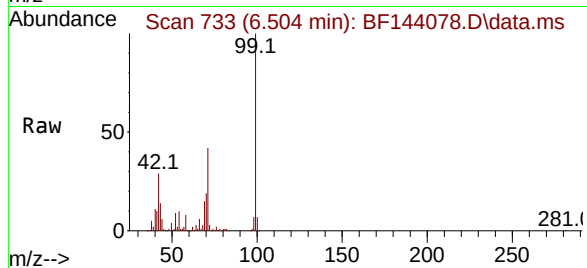




#7
Phenol-d6
Concen: 87.682 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

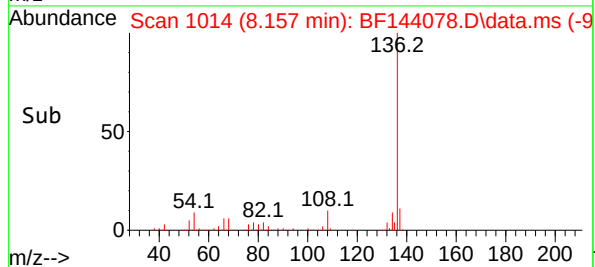
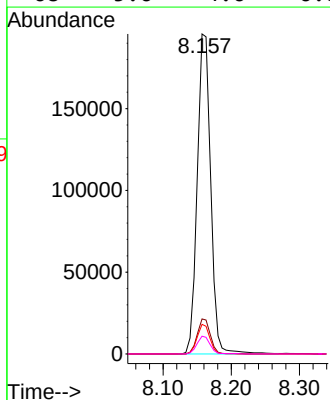
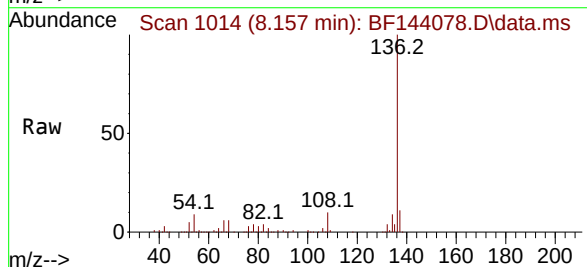
Instrument :
BNA_F
ClientSampleId :
PB170210BL

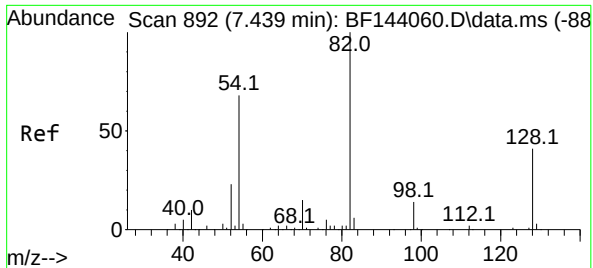
Tgt Ion: 99 Resp: 427429
Ion Ratio Lower Upper
99 100
42 29.4 23.9 35.9
71 41.7 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

Tgt Ion: 136 Resp: 269261
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.3 6.6 9.8
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.094 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Instrument :

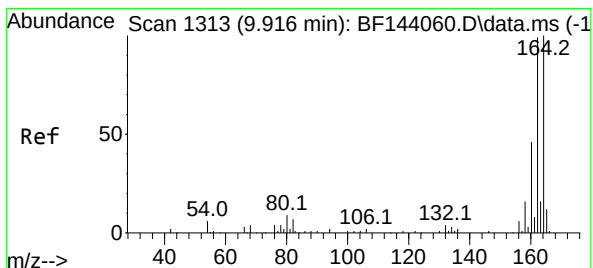
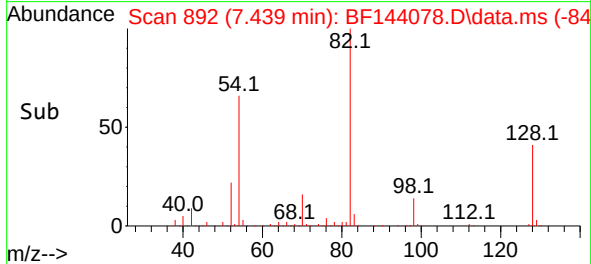
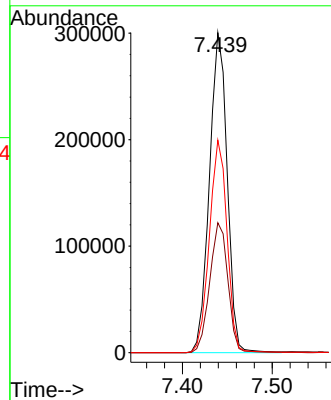
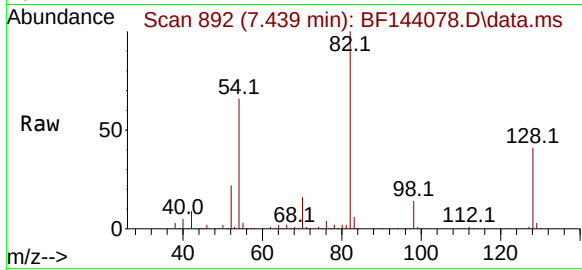
BNA_F

ClientSampleId :

PB170210BL

Tgt Ion: 82 Resp: 413295

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.4	48.6
54	66.4	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

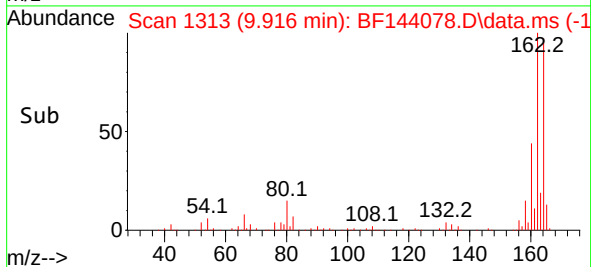
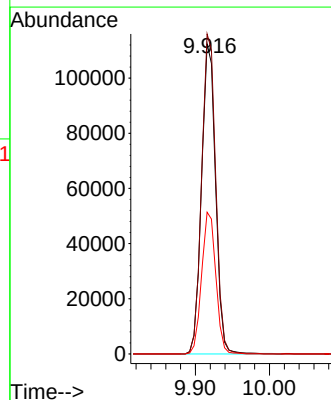
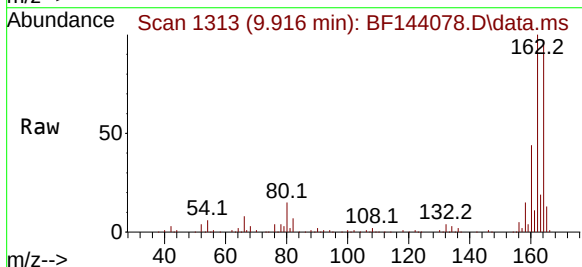
Delta R.T. 0.000 min

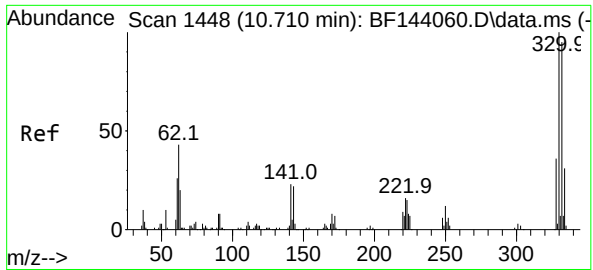
Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Tgt Ion:164 Resp: 147528

Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.4	119.2
160	45.7	36.7	55.1

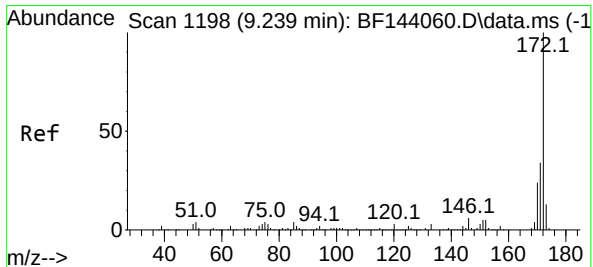
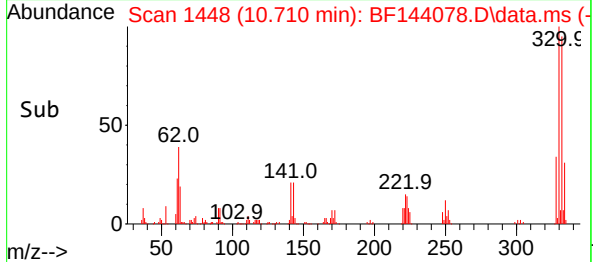
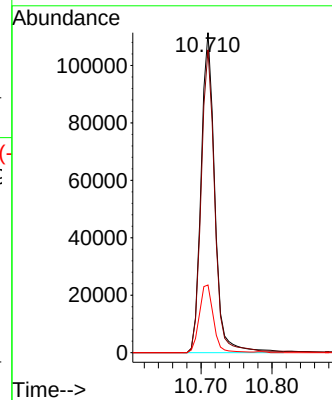
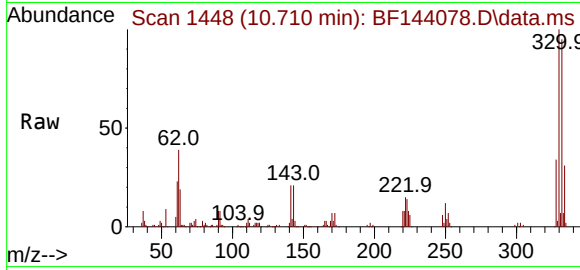




#42
2,4,6-Tribromophenol
Concen: 79.936 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

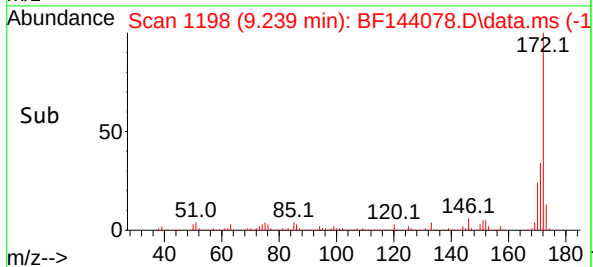
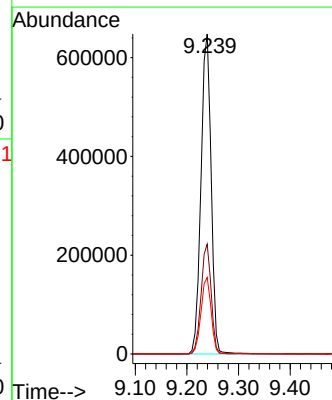
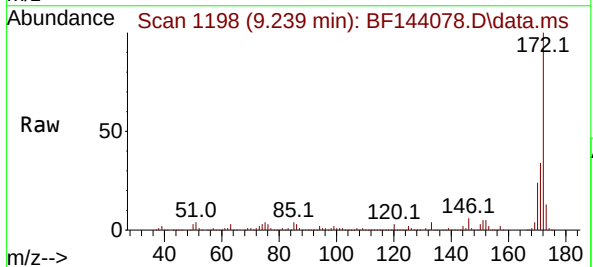
Instrument :
BNA_F
ClientSampleId :
PB170210BL

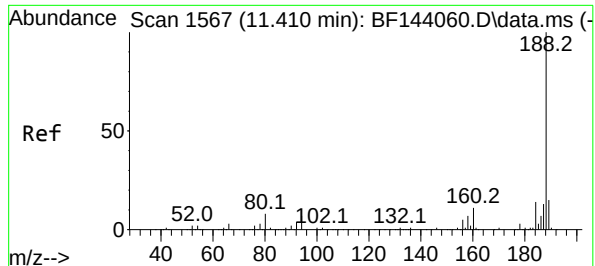
Tgt Ion:330 Resp: 150217
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 21.8 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 84.344 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

Tgt Ion:172 Resp: 884237
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 23.9 19.0 28.6

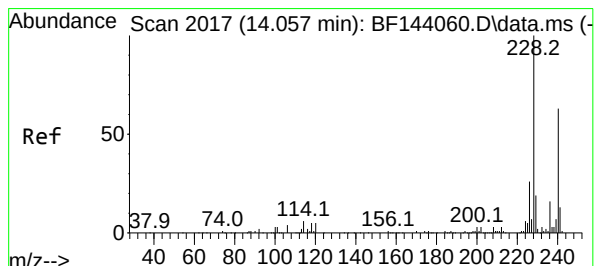
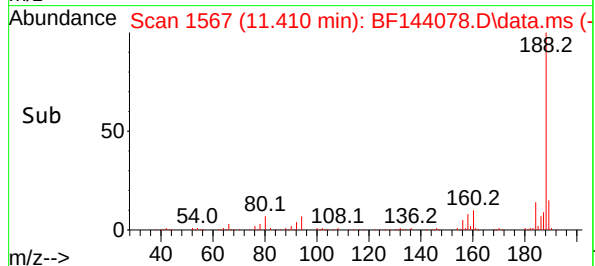
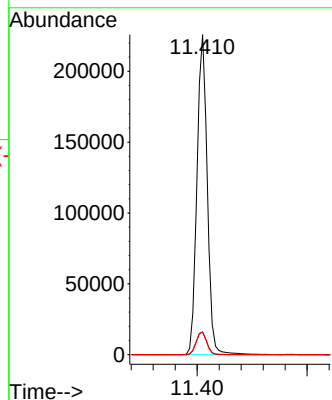
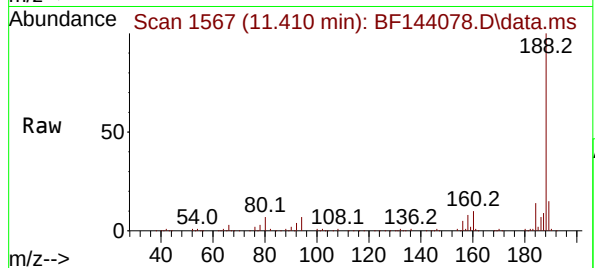




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

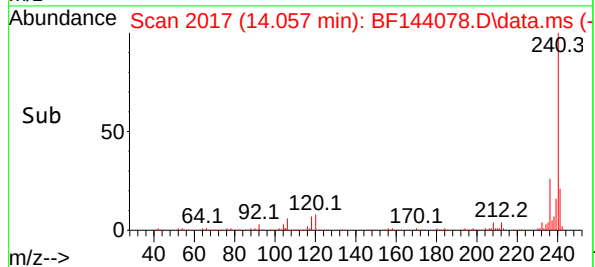
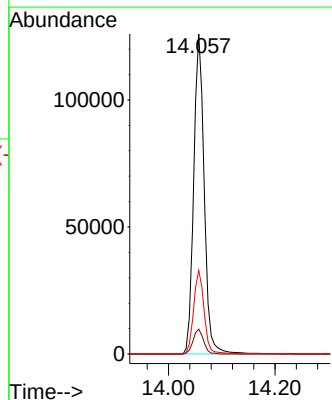
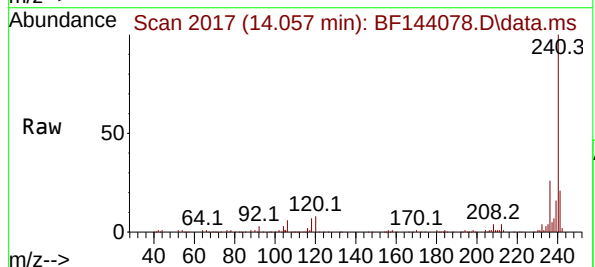
Instrument :
BNA_F
ClientSampleId :
PB170210BL

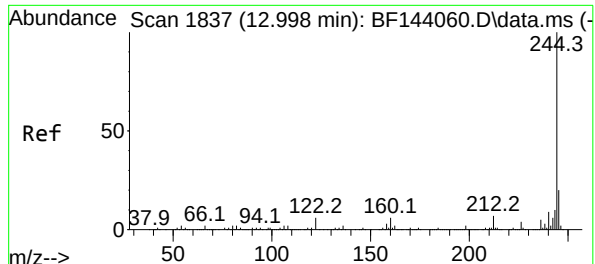
Tgt Ion:188 Resp: 293923
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.1 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BF144078.D
Acq: 27 Oct 2025 12:26

Tgt Ion:240 Resp: 172811
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 26.1 20.1 30.1





#79

Terphenyl-d14

Concen: 103.799 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

Instrument :

BNA_F

ClientSampleId :

PB170210BL

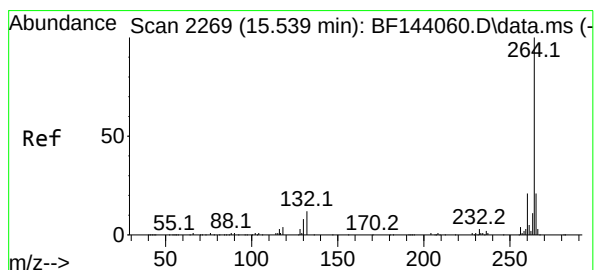
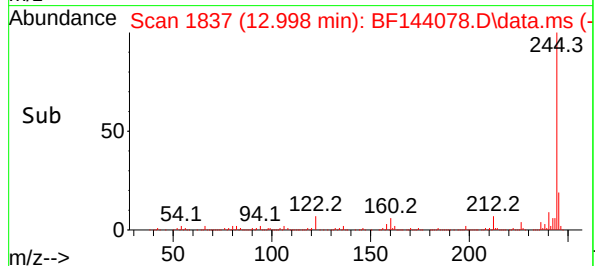
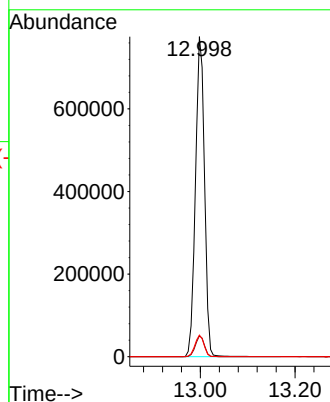
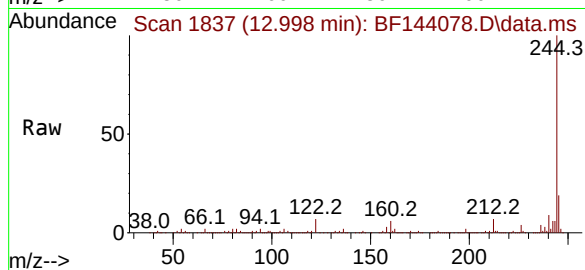
Tgt Ion:244 Resp: 1026051

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

122 6.8 4.9 7.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144078.D

Acq: 27 Oct 2025 12:26

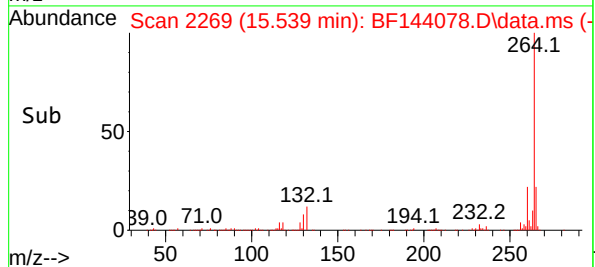
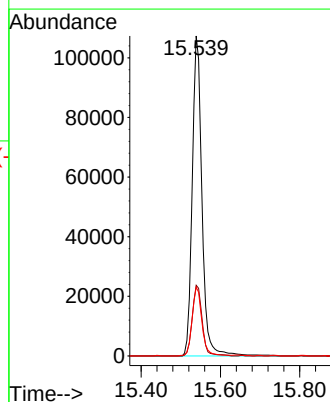
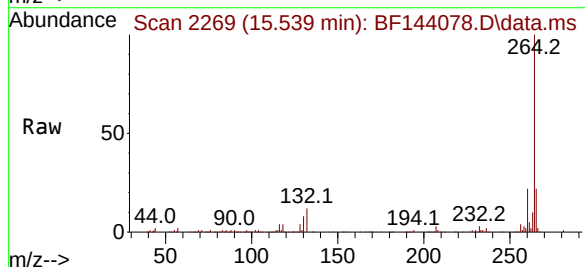
Tgt Ion:264 Resp: 183496

Ion Ratio Lower Upper

264 100

260 22.1 17.0 25.4

265 21.5 16.6 24.8



Report of Analysis

Client: Ardmore Chemical
 Project: PVSC Monthly 2025
 Client Sample ID: PB170210BS
 Lab Sample ID: PB170210BS
 Analytical Method: 625.1 Level : LOW
 Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
 Prep Method : 3510C Prep Date: 10/22/25

Date Collected:
 Date Received:
 SDG No.: Q3385
 Matrix: Water
 % Solid: 0
 Test: SVOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	43.5		1	0.86	10.0	ug/L	10/27/25 11:56	PB170210
108-95-2	Phenol	43.2		1	0.91	5.00	ug/L	10/27/25 11:56	PB170210
111-44-4	bis(2-Chloroethyl)ether	46.9		1	0.81	5.00	ug/L	10/27/25 11:56	PB170210
95-57-8	2-Chlorophenol	44.1		1	0.58	5.00	ug/L	10/27/25 11:56	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	45.4		1	1.30	5.00	ug/L	10/27/25 11:56	PB170210
621-64-7	n-Nitroso-di-n-propylamine	49.9		1	1.40	5.00	ug/L	10/27/25 11:56	PB170210
67-72-1	Hexachloroethane	43.3		1	0.65	5.00	ug/L	10/27/25 11:56	PB170210
98-95-3	Nitrobenzene	44.1		1	0.76	5.00	ug/L	10/27/25 11:56	PB170210
78-59-1	Isophorone	47.4		1	0.75	5.00	ug/L	10/27/25 11:56	PB170210
88-75-5	2-Nitrophenol	43.9		1	1.80	5.00	ug/L	10/27/25 11:56	PB170210
105-67-9	2,4-Dimethylphenol	49.5		1	1.90	5.00	ug/L	10/27/25 11:56	PB170210
111-91-1	bis(2-Chloroethoxy)methane	45.5		1	0.68	5.00	ug/L	10/27/25 11:56	PB170210
120-83-2	2,4-Dichlorophenol	43.8		1	0.52	5.00	ug/L	10/27/25 11:56	PB170210
120-82-1	1,2,4-Trichlorobenzene	46.7		1	0.54	5.00	ug/L	10/27/25 11:56	PB170210
91-20-3	Naphthalene	43.1		1	0.50	5.00	ug/L	10/27/25 11:56	PB170210
87-68-3	Hexachlorobutadiene	41.2		1	0.54	5.00	ug/L	10/27/25 11:56	PB170210
59-50-7	4-Chloro-3-methylphenol	47.5		1	0.59	5.00	ug/L	10/27/25 11:56	PB170210
77-47-4	Hexachlorocyclopentadiene	140	E	1	3.60	10.0	ug/L	10/27/25 11:56	PB170210
88-06-2	2,4,6-Trichlorophenol	46.5		1	0.51	5.00	ug/L	10/27/25 11:56	PB170210
91-58-7	2-Chloronaphthalene	44.6		1	0.61	5.00	ug/L	10/27/25 11:56	PB170210
131-11-3	Dimethylphthalate	47.8		1	0.61	5.00	ug/L	10/27/25 11:56	PB170210
208-96-8	Acenaphthylene	46.1		1	0.75	5.00	ug/L	10/27/25 11:56	PB170210
606-20-2	2,6-Dinitrotoluene	52.6		1	0.92	5.00	ug/L	10/27/25 11:56	PB170210
83-32-9	Acenaphthene	42.1		1	0.55	5.00	ug/L	10/27/25 11:56	PB170210
51-28-5	2,4-Dinitrophenol	120	E	1	6.00	10.0	ug/L	10/27/25 11:56	PB170210
100-02-7	4-Nitrophenol	96.7	E	1	2.40	10.0	ug/L	10/27/25 11:56	PB170210
121-14-2	2,4-Dinitrotoluene	50.7		1	1.20	5.00	ug/L	10/27/25 11:56	PB170210
84-66-2	Diethylphthalate	47.3		1	0.69	5.00	ug/L	10/27/25 11:56	PB170210
7005-72-3	4-Chlorophenyl-phenylether	47.3		1	0.68	5.00	ug/L	10/27/25 11:56	PB170210
86-73-7	Fluorene	45.1		1	0.63	5.00	ug/L	10/27/25 11:56	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	45.9		1	2.90	10.0	ug/L	10/27/25 11:56	PB170210
86-30-6	n-Nitrosodiphenylamine	43.5		1	0.58	5.00	ug/L	10/27/25 11:56	PB170210
103-33-3	Azobenzene	47.3		1	0.81	5.00	ug/L	10/27/25 11:56	PB170210
101-55-3	4-Bromophenyl-phenylether	45.4		1	0.40	5.00	ug/L	10/27/25 11:56	PB170210
118-74-1	Hexachlorobenzene	43.6		1	0.52	5.00	ug/L	10/27/25 11:56	PB170210
87-86-5	Pentachlorophenol	90.1	E	1	1.60	10.0	ug/L	10/27/25 11:56	PB170210
85-01-8	Phenanthrene	42.9		1	0.50	5.00	ug/L	10/27/25 11:56	PB170210
120-12-7	Anthracene	41.3		1	0.61	5.00	ug/L	10/27/25 11:56	PB170210
84-74-2	Di-n-butylphthalate	41.9		1	1.20	5.00	ug/L	10/27/25 11:56	PB170210
206-44-0	Fluoranthene	39.5		1	0.82	5.00	ug/L	10/27/25 11:56	PB170210
92-87-5	Benzidine	8.20	J	1	4.30	10.0	ug/L	10/27/25 11:56	PB170210
129-00-0	Pyrene	56.1		1	0.50	5.00	ug/L	10/27/25 11:56	PB170210



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:	PB170210BS		SDG No.:	Q3385
Lab Sample ID:	PB170210BS		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: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	50.4		1	1.90	5.00	ug/L	10/27/25 11:56	PB170210
91-94-1	3,3-Dichlorobenzidine	44.1		1	0.93	10.0	ug/L	10/27/25 11:56	PB170210
56-55-3	Benzo(a)anthracene	48.4		1	0.45	5.00	ug/L	10/27/25 11:56	PB170210
218-01-9	Chrysene	46.7		1	0.44	5.00	ug/L	10/27/25 11:56	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	46.4		1	1.60	5.00	ug/L	10/27/25 11:56	PB170210
117-84-0	Di-n-octyl phthalate	46.7		1	2.30	10.0	ug/L	10/27/25 11:56	PB170210
205-99-2	Benzo(b)fluoranthene	56.6		1	0.49	5.00	ug/L	10/27/25 11:56	PB170210
207-08-9	Benzo(k)fluoranthene	46.2		1	0.48	5.00	ug/L	10/27/25 11:56	PB170210
50-32-8	Benzo(a)pyrene	49.8		1	0.55	5.00	ug/L	10/27/25 11:56	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	51.1		1	0.59	5.00	ug/L	10/27/25 11:56	PB170210
53-70-3	Dibenzo(a,h)anthracene	53.6		1	0.67	5.00	ug/L	10/27/25 11:56	PB170210
191-24-2	Benzo(g,h,i)perylene	55.1		1	0.69	5.00	ug/L	10/27/25 11:56	PB170210

SURROGATES

367-12-4	2-Fluorophenol	88.3			60 - 140	88%	SPK: 100
13127-88-3	Phenol-d6	92.6			60 - 140	93%	SPK: 100
4165-60-0	Nitrobenzene-d5	86.6			60 - 140	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.1			60 - 140	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.2			60 - 140	98%	SPK: 100
1718-51-0	Terphenyl-d14	115			60 - 140	115%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	69600
1146-65-2	Naphthalene-d8	271000
15067-26-2	Acenaphthene-d10	146000
1517-22-2	Phenanthrene-d10	271000
1719-03-5	Chrysene-d12	146000
1520-96-3	Perylene-d12	180000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144077.D
 Acq On : 27 Oct 2025 11:56
 Operator : RC/JU
 Sample : PB170210BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170210BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :Jagrut Upadhyay 10/28/2025

Quant Time: Oct 27 12:33:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69633	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	270699	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	145913	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	270812	20.000	ng	0.00
76) Chrysene-d12	14.062	240	145792	20.000	ng	0.00
86) Perylene-d12	15.545	264	180063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	388586	88.289	ng	0.02
7) Phenol-d6	6.510	99	450111	92.601	ng	0.00
23) Nitrobenzene-d5	7.445	82	427875	86.598	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	182428	98.151	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	892931	86.116	ng	0.00
79) Terphenyl-d14	12.998	244	955776	114.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	66042	34.724	ng	97
3) Pyridine	3.481	79	175799	34.527	ng	97
4) n-Nitrosodimethylamine	3.434	42	136103	43.502	ng	96
6) Aniline	6.545	93	174207	25.051	ng	98
8) 2-Chlorophenol	6.663	128	190991	44.064	ng	97
10) Phenol	6.528	94	258935	43.179	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	203334	46.925	ng	97
12) 1,3-Dichlorobenzene	6.822	146	235168	43.984	ng	100
13) 1,4-Dichlorobenzene	6.898	146	238693	45.299	ng	98
14) 1,2-Dichlorobenzene	7.051	146	233063	45.713	ng	99
15) Benzyl Alcohol	7.022	79	192356	48.669	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	369951	45.426	ng	99
17) 2-Methylphenol	7.134	107	157865	47.355	ng	98
18) Hexachloroethane	7.392	117	81576	43.303	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	156813	49.889	ng	94
20) 3+4-Methylphenols	7.286	107	183857	46.654	ng	# 90
22) Acetophenone	7.292	105	259375	44.337	ng	97
24) Nitrobenzene	7.463	77	230378	44.077	ng	97
25) Isophorone	7.704	82	409716	47.430	ng	99
26) 2-Nitrophenol	7.781	139	109159	43.901	ng	97
27) 2,4-Dimethylphenol	7.816	122	183060	49.542	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	245073	45.493	ng	99
29) 2,4-Dichlorophenol	8.022	162	188162	43.789	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	206239	46.653	ng	98
31) Naphthalene	8.186	128	550251	43.068	ng	99
32) Benzoic acid	7.945	122	122479	52.257	ng	88
33) 4-Chloroaniline	8.233	127	135875	30.550	ng	97
34) Hexachlorobutadiene	8.298	225	148790	41.162	ng	99
35) Caprolactam	8.604	113	56883m	52.789	ng	
36) 4-Chloro-3-methylphenol	8.716	107	180239	47.531	ng	93
37) 2-Methylnaphthalene	8.875	142	367930	43.679	ng	96
38) 1-Methylnaphthalene	8.975	142	341894	42.841	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	213604	42.595	ng	98
41) Hexachlorocyclopentadiene	9.028	237	212668	137.305	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	151582	46.504	ng	99
44) 2,4,5-Trichlorophenol	9.204	196	153246	44.797	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144077.D
 Acq On : 27 Oct 2025 11:56
 Operator : RC/JU
 Sample : PB170210BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170210BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :Jagrut Upadhyay 10/28/2025

Quant Time: Oct 27 12:33:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	459294	43.972	ng	100
47) 2-Chloronaphthalene	9.369	162	390176	44.588	ng	96
48) 2-Nitroaniline	9.463	65	125269	48.208	ng	99
49) Acenaphthylene	9.786	152	543618	46.073	ng	99
50) Dimethylphthalate	9.645	163	457498	47.834	ng	100
51) 2,6-Dinitrotoluene	9.704	165	99534	52.642	ng	100
52) Acenaphthene	9.957	154	331396m	42.056	ng	
53) 3-Nitroaniline	9.875	138	77993	37.101	ng	95
54) 2,4-Dinitrophenol	9.986	184	118130	115.513	ng	99
55) Dibenzofuran	10.127	168	499666	45.675	ng	99
56) 4-Nitrophenol	10.039	139	137633	96.685	ng	97
57) 2,4-Dinitrotoluene	10.110	165	129476	50.738	ng	# 96
58) Fluorene	10.474	166	376247	45.139	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	126574	52.507	ng	# 98
60) Diethylphthalate	10.345	149	425325	47.287	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	221949	47.349	ng	96
62) 4-Nitroaniline	10.492	138	88718	44.541	ng	98
63) Azobenzene	10.622	77	402347	47.262	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	79784	45.919	ng	93
66) n-Nitrosodiphenylamine	10.580	169	376450	43.507	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	153807	45.361	ng	95
68) Hexachlorobenzene	11.022	284	181258	43.588	ng	97
69) Atrazine	11.110	200	84663	29.818	ng	99
70) Pentachlorophenol	11.216	266	178439	90.147	ng	97
71) Phenanthrene	11.439	178	577108	42.899	ng	98
72) Anthracene	11.492	178	573686	41.281	ng	99
73) Carbazole	11.645	167	501022	42.357	ng	98
74) Di-n-butylphthalate	11.969	149	607300	41.876	ng	100
75) Fluoranthene	12.627	202	586828	39.483	ng	99
77) Benzidine	12.751	184	37428	8.249	ng	98
78) Pyrene	12.857	202	587919	56.091	ng	99
80) Butylbenzylphthalate	13.474	149	199803	50.388	ng	99
81) Benzo(a)anthracene	14.051	228	477212	48.435	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	151232	44.094	ng	98
83) Chrysene	14.086	228	432073	46.732	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	251180	46.400	ng	99
85) Di-n-octyl phthalate	14.645	149	435137	46.741	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	632133	51.134	ng	99
88) Benzo(b)fluoranthene	15.109	252	575949	56.579	ng	99
89) Benzo(k)fluoranthene	15.139	252	433568	46.164	ng	99
90) Benzo(a)pyrene	15.480	252	455184	49.843	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	524352	53.584	ng	99
92) Benzo(g,h,i)perylene	17.515	276	541975	55.087	ng	99

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

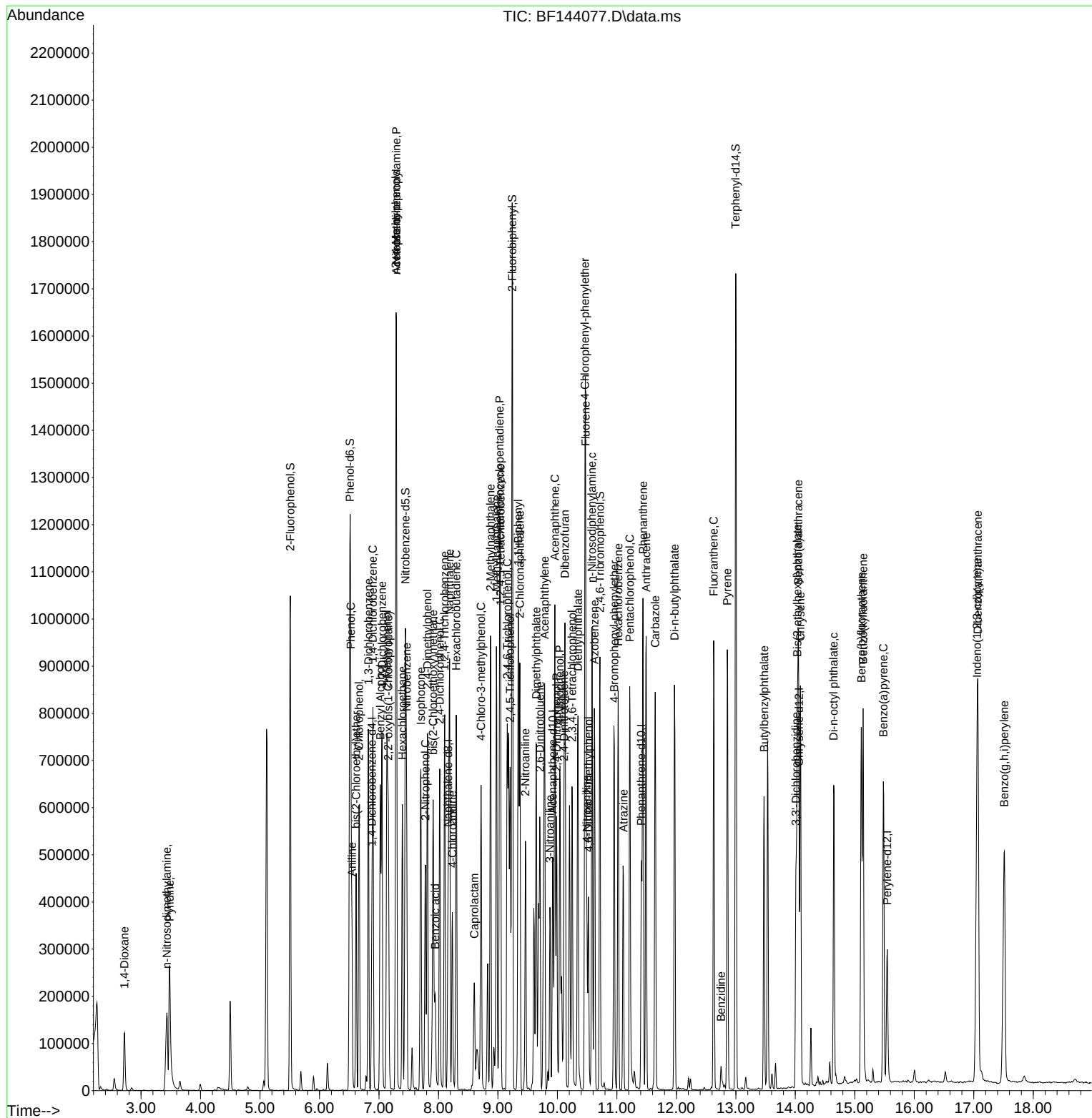
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Data File : BF144077.D
Acq On : 27 Oct 2025 11:56
Operator : RC/JU
Sample : PB170210BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

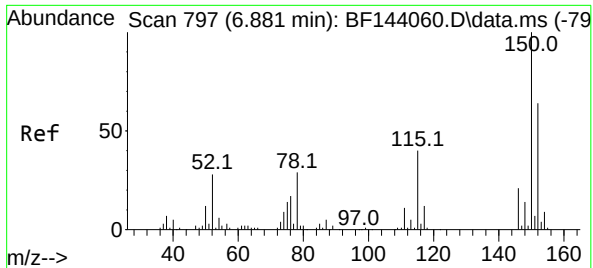
Instrument :
BNA_F
ClientSampleId :
PB170210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

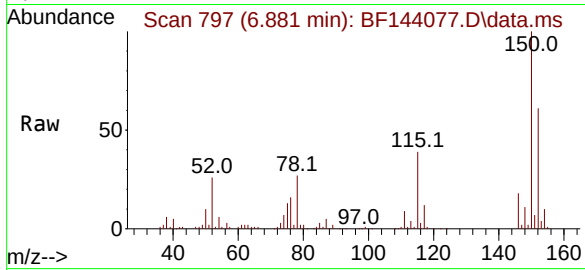
Quant Time: Oct 27 12:33:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

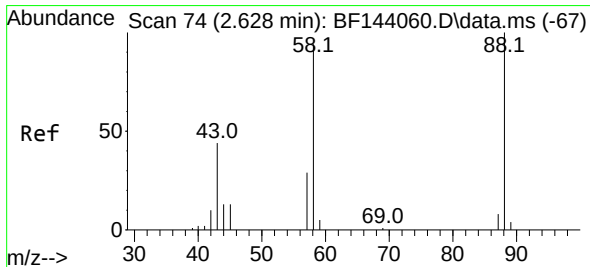
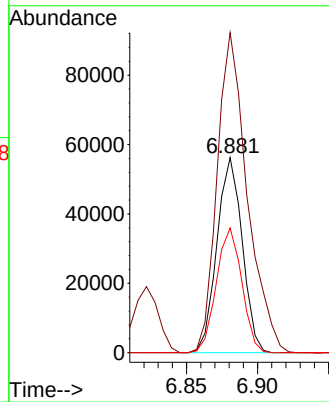
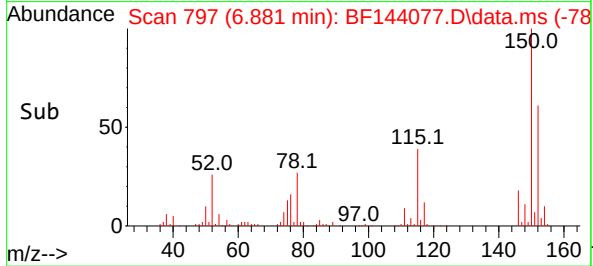
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:152 Resp: 6963
Ion Ratio Lower Upper
152 100
150 164.0 124.4 186.6
115 63.9 49.4 74.0

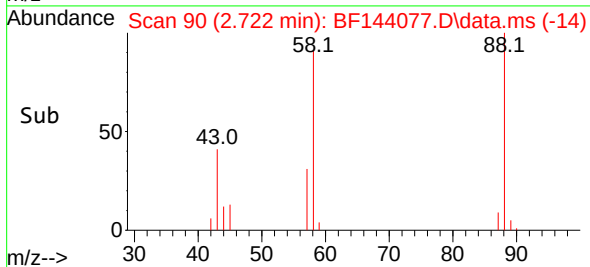
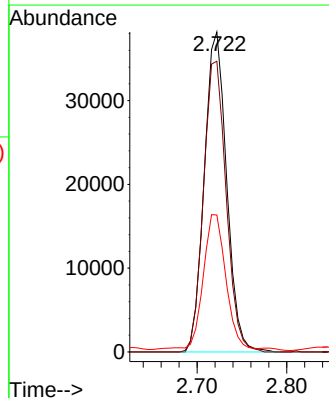
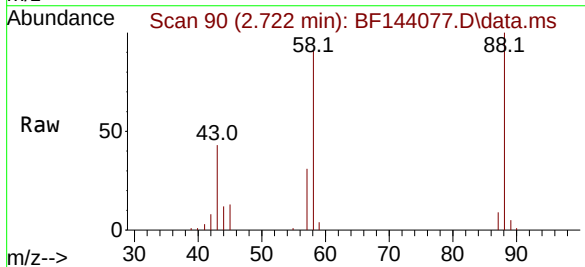
Manual Integrations
APPROVED

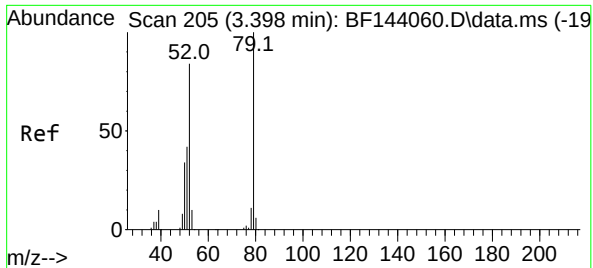
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#2
1,4-Dioxane
Concen: 34.724 ng
RT: 2.722 min Scan# 90
Delta R.T. 0.094 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

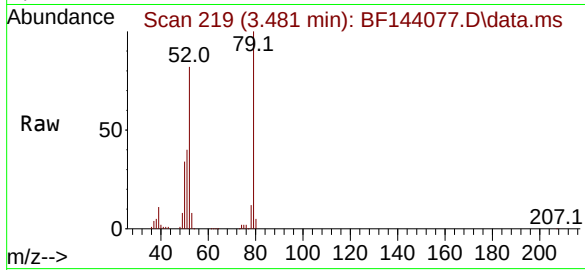
Tgt Ion: 88 Resp: 66042
Ion Ratio Lower Upper
88 100
58 92.2 76.5 114.7
43 42.8 35.3 52.9





#3
Pyridine
Concen: 34.527 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

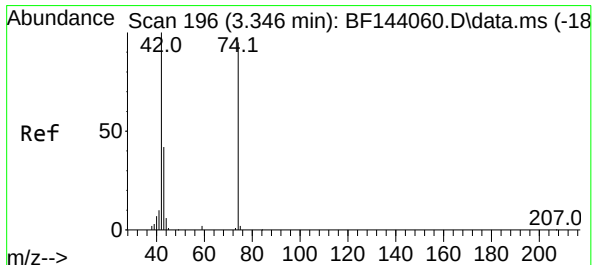
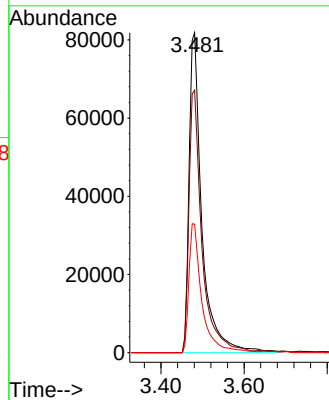
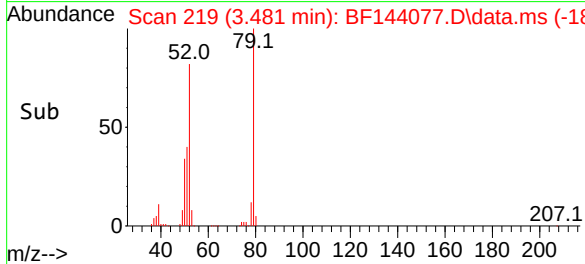
Instrument :
BNA_F
ClientSampleId :
PB170210BS



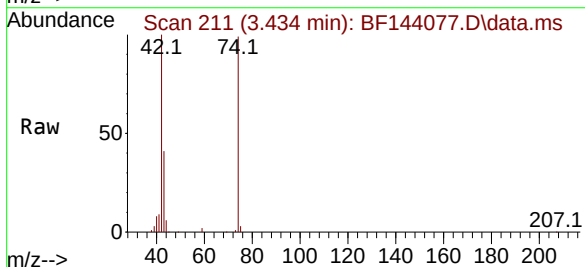
Tgt Ion: 79 Resp: 175799
Ion Ratio Lower Upper
79 100
52 82.0 67.5 101.3
51 40.2 33.6 50.4

Manual Integrations
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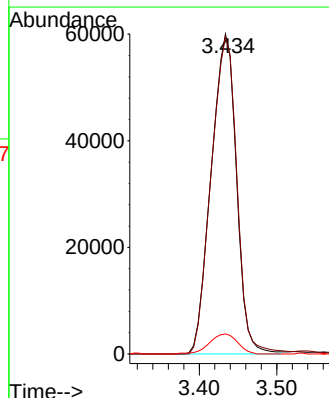
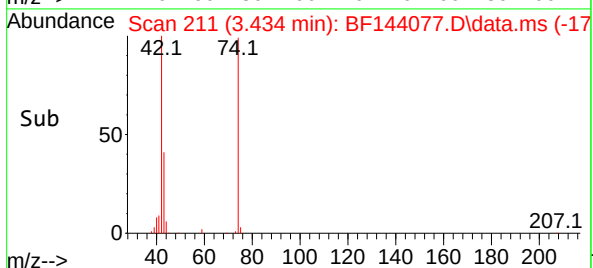
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

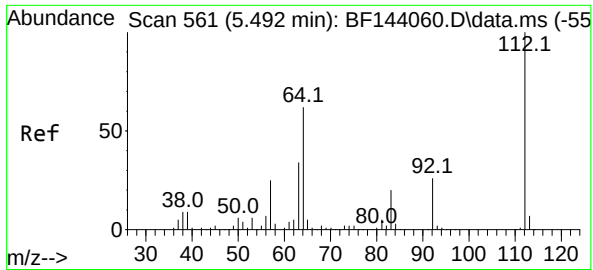


#4
n-Nitrosodimethylamine
Concen: 43.502 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



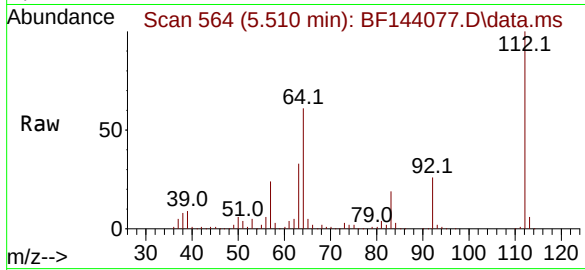
Tgt Ion: 42 Resp: 136103
Ion Ratio Lower Upper
42 100
74 99.2 76.4 114.6
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 88.289 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

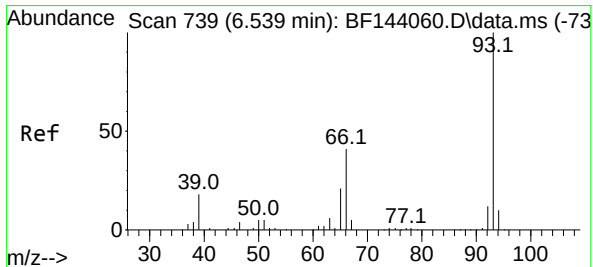
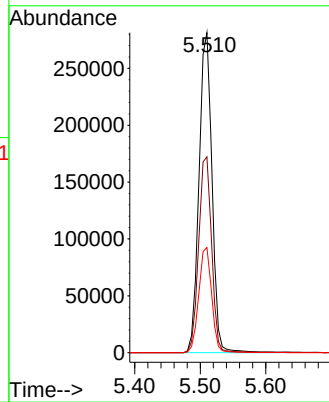
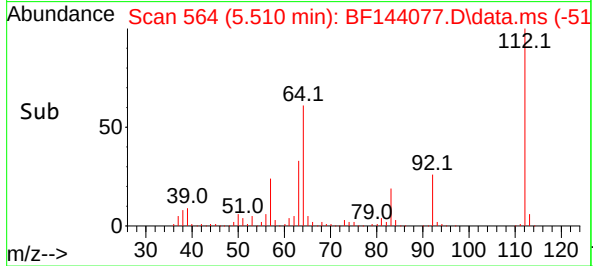
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:112 Resp: 388580
Ion Ratio Lower Upper
112 100
64 61.2 49.8 74.8
63 32.8 27.4 41.2

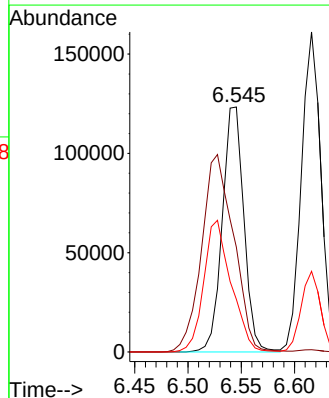
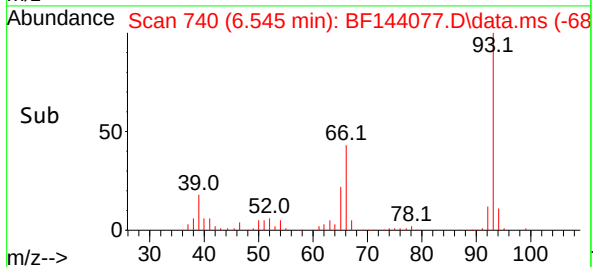
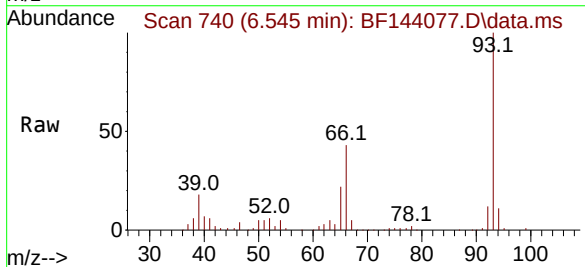
Manual Integrations
APPROVED

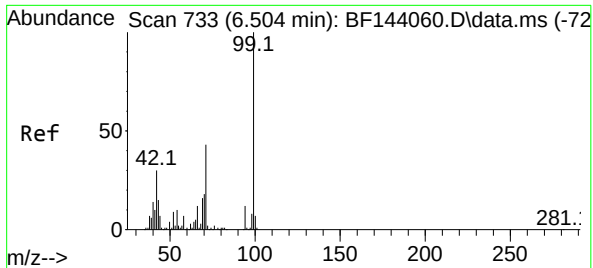
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#6
Aniline
Concen: 25.051 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

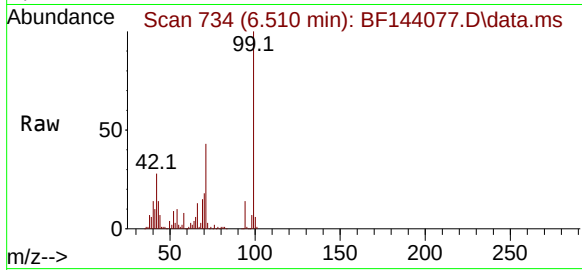
Tgt Ion: 93 Resp: 174207
Ion Ratio Lower Upper
93 100
66 42.8 35.7 53.5
65 21.5 17.0 25.6





#7
Phenol-d6
Concen: 92.601 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

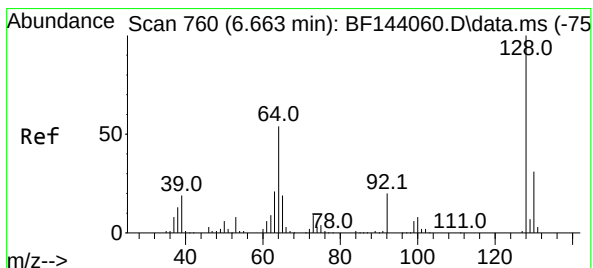
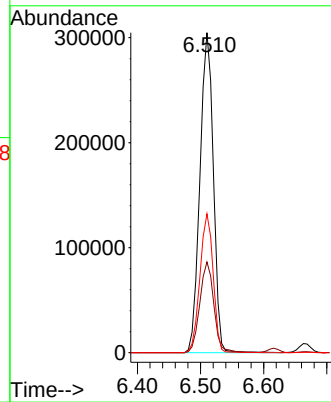
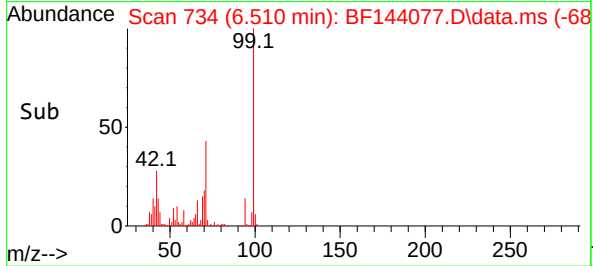
Instrument :
BNA_F
ClientSampleId :
PB170210BS



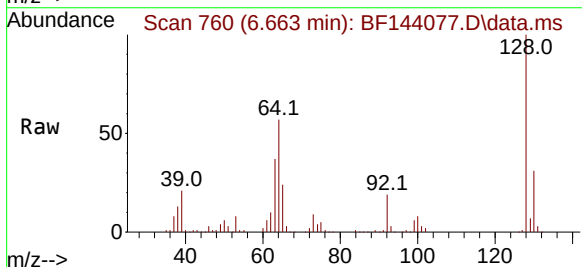
Tgt Ion: 99 Resp: 45011
Ion Ratio Lower Upper
99 100
42 28.3 23.9 35.9
71 43.4 34.4 51.6

Manual Integrations
APPROVED

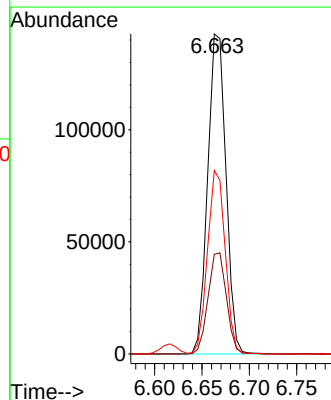
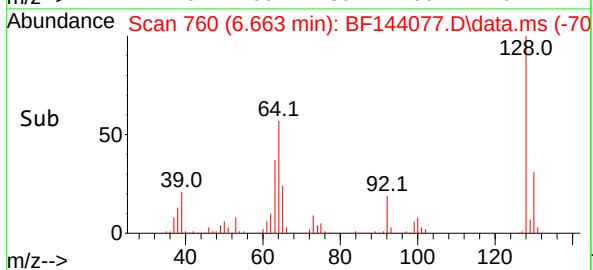
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

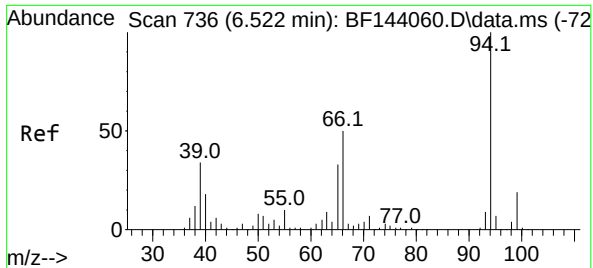


#8
2-Chlorophenol
Concen: 44.064 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



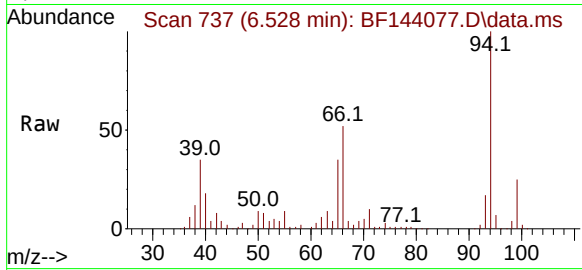
Tgt Ion:128 Resp: 190991
Ion Ratio Lower Upper
128 100
130 31.1 10.7 50.7
64 57.3 34.7 74.7





#10
Phenol
Concen: 43.179 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

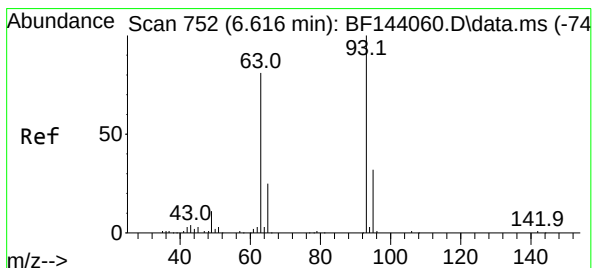
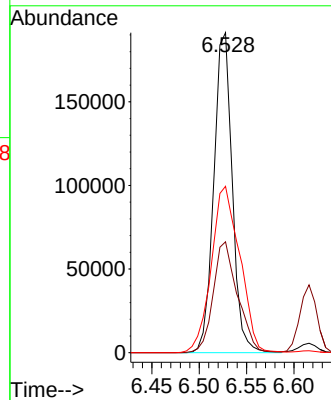
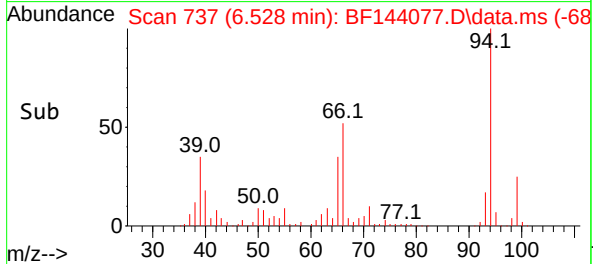
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion: 94 Resp: 258935
Ion Ratio Lower Upper
94 100
65 34.7 13.1 53.1
66 52.0 30.6 70.6

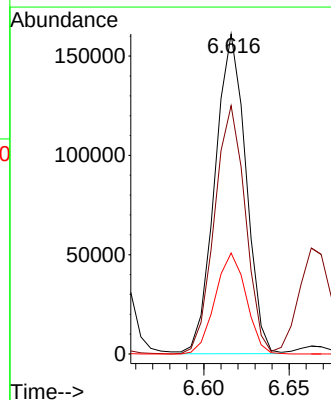
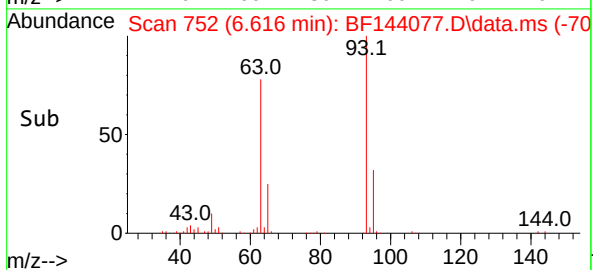
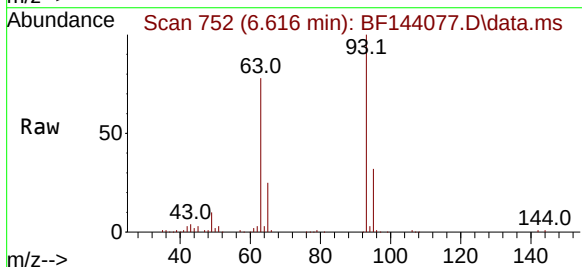
Manual Integrations
APPROVED

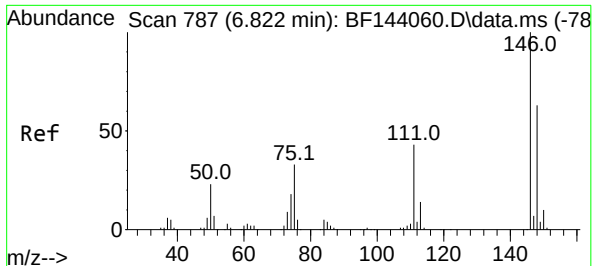
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#11
bis(2-Chloroethyl)ether
Concen: 46.925 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 93 Resp: 203334
Ion Ratio Lower Upper
93 100
63 77.6 60.2 100.2
95 31.5 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 43.984 ng

RT: 6.822 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF144077.D

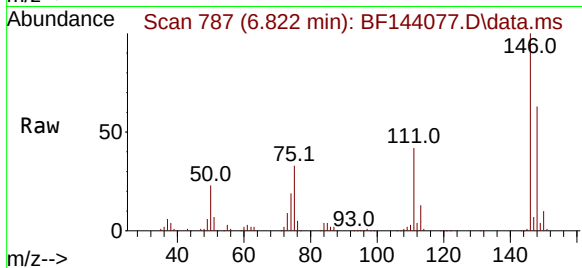
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:146 Resp: 235168

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

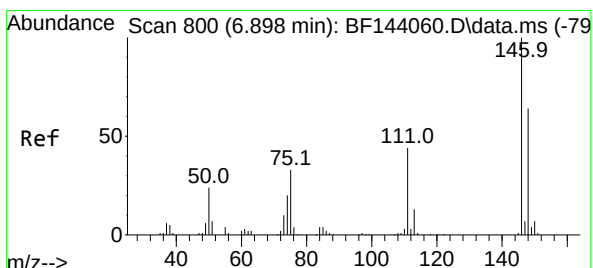
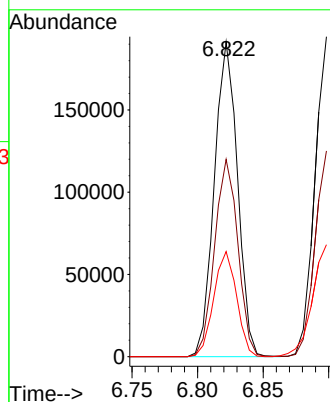
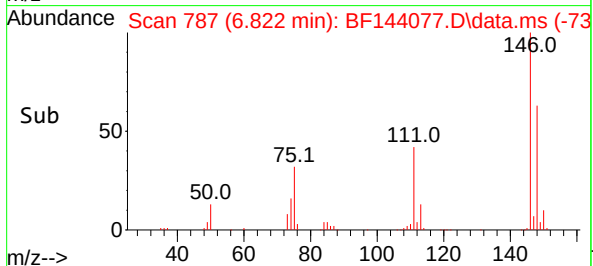
75 33.4 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#13

1,4-Dichlorobenzene

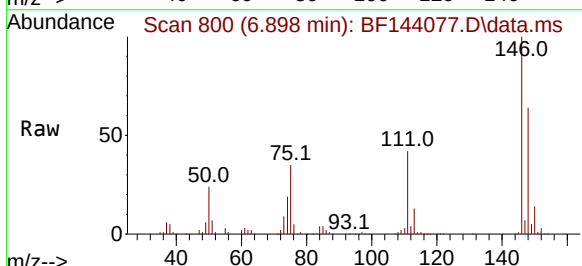
Concen: 45.299 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56



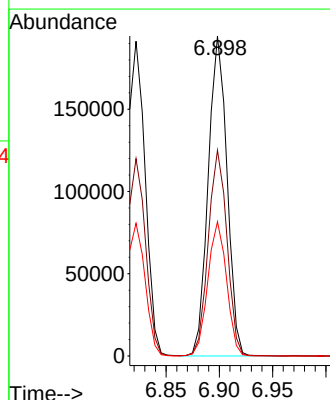
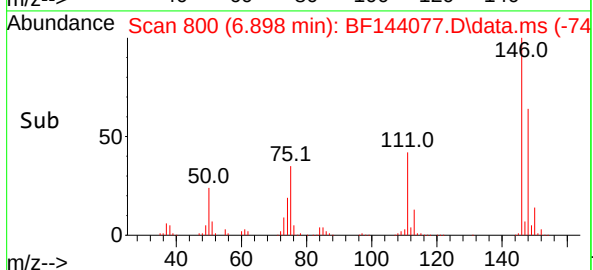
Tgt Ion:146 Resp: 238693

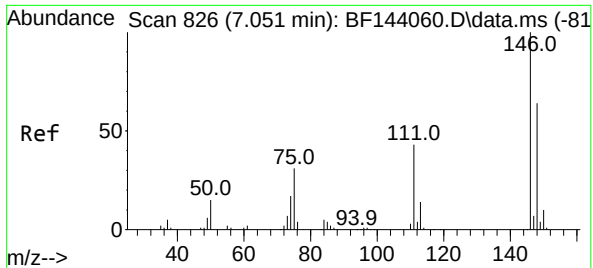
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

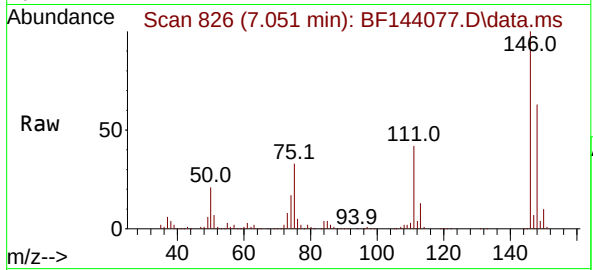
111 41.9 35.0 52.6





#14
1,2-Dichlorobenzene
Concen: 45.713 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

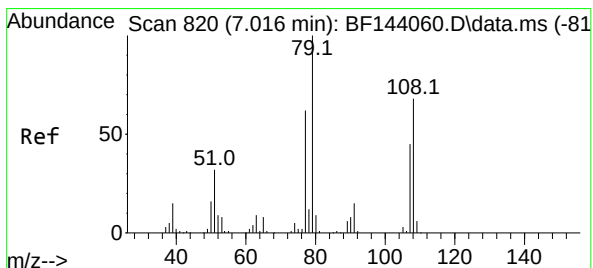
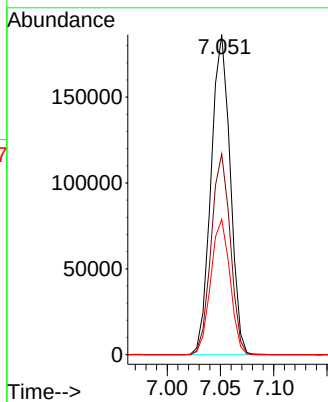
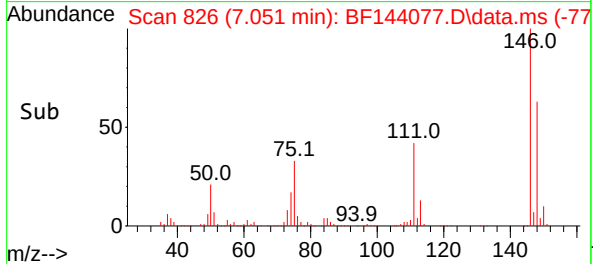
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:146 Resp: 23306
Ion Ratio Lower Upper
146 100
148 62.8 50.8 76.2
111 42.3 34.7 52.1

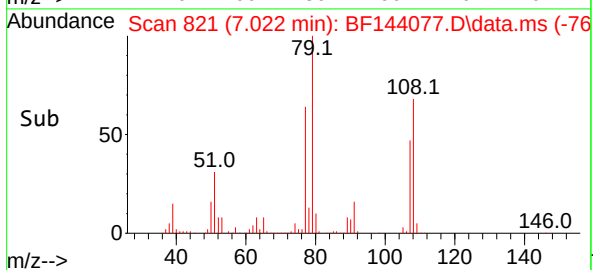
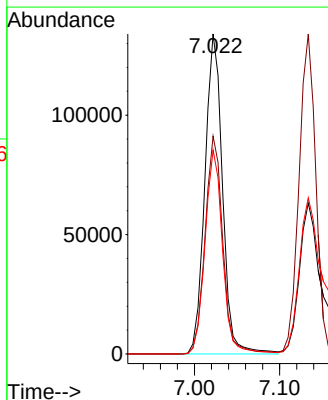
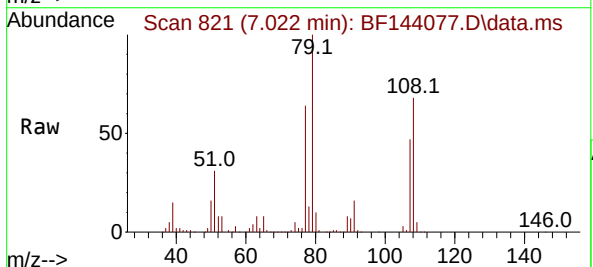
Manual Integrations
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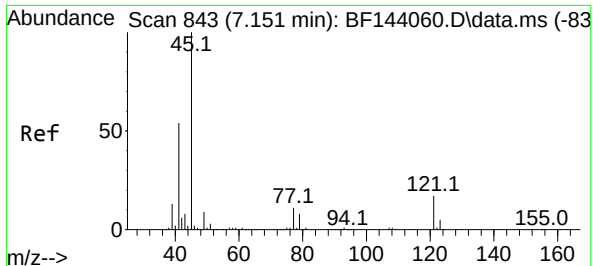
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#15
Benzyl Alcohol
Concen: 48.669 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion: 79 Resp: 192356
Ion Ratio Lower Upper
79 100
108 68.1 54.8 82.2
77 63.7 49.4 74.0





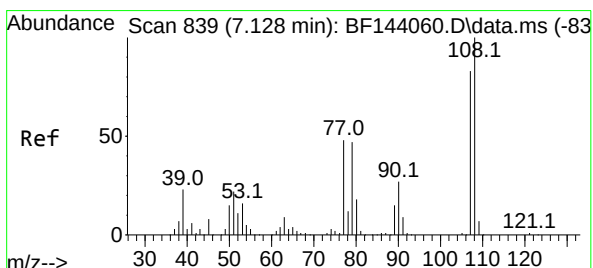
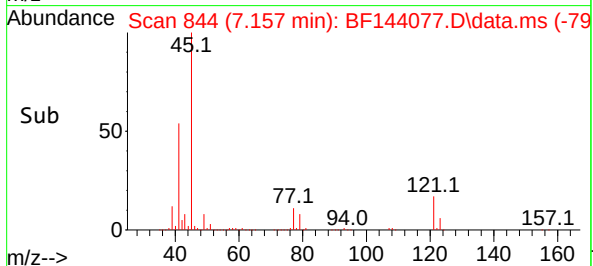
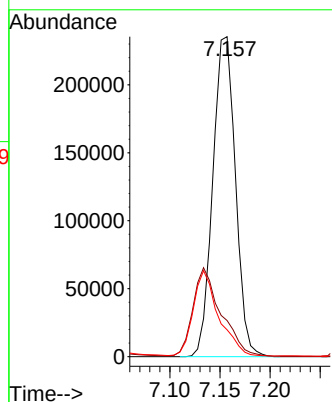
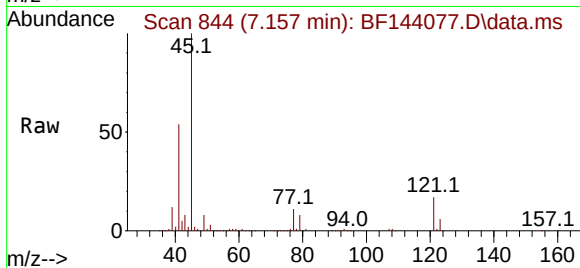
#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.426 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB170210BS

Tgt Ion: 45 Resp: 36995
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.9
79 8.4 0.0 28.2

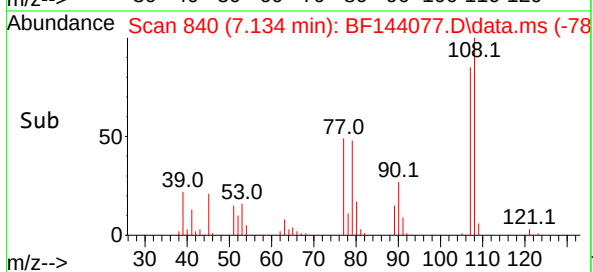
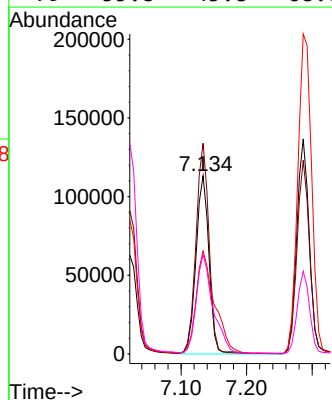
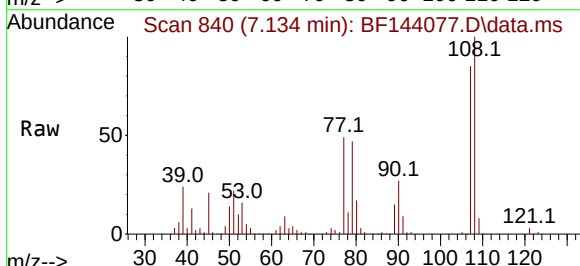
Manual Integrations
APPROVED

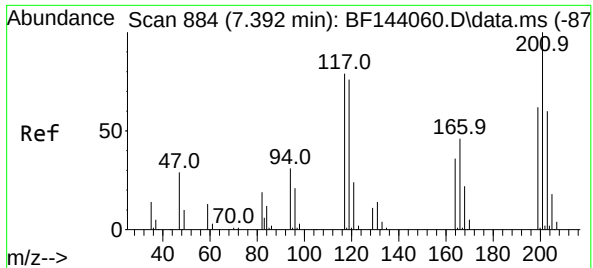
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#17
2-Methylphenol
Concen: 47.355 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

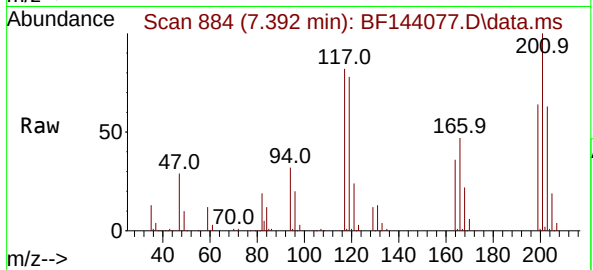
Tgt Ion:107 Resp: 157865
Ion Ratio Lower Upper
107 100
108 118.3 96.4 144.6
77 57.7 46.8 70.2
79 55.8 45.8 68.6





#18
Hexachloroethane
Concen: 43.303 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

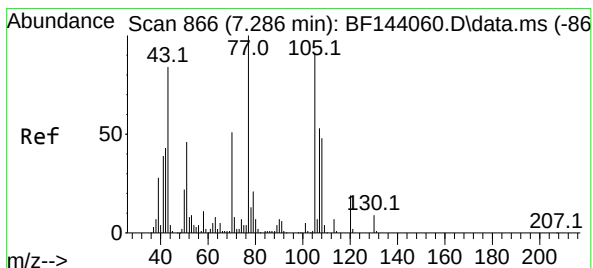
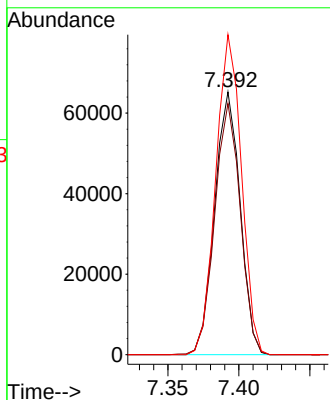
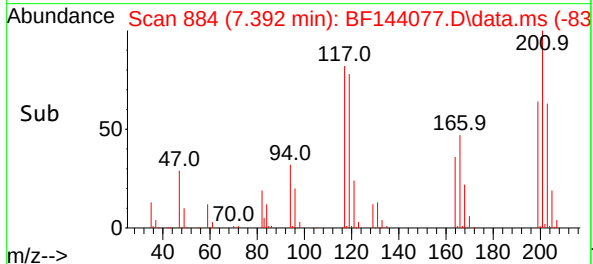
Instrument :
BNA_F
ClientSampleId :
PB170210BS



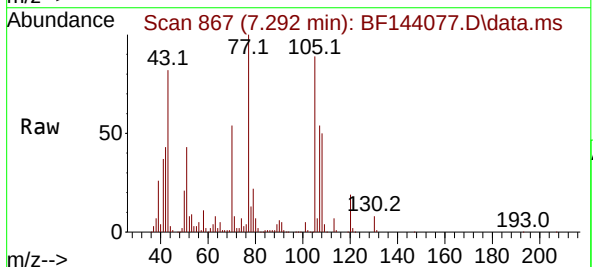
Tgt Ion:117 Resp: 81570
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
201 121.8 100.9 151.3

Manual Integrations
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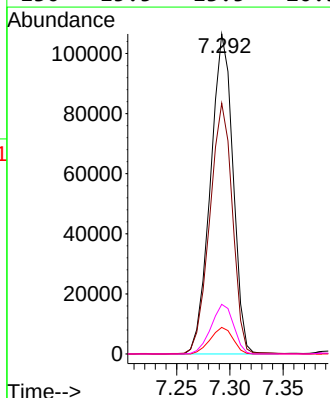
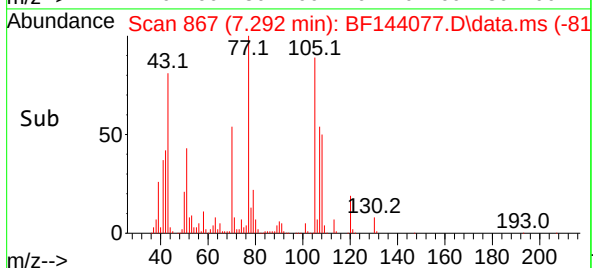
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

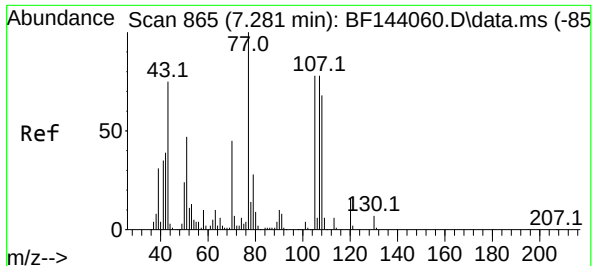


#19
n-Nitroso-di-n-propylamine
Concen: 49.889 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion: 70 Resp: 156813
Ion Ratio Lower Upper
70 100
42 78.3 67.4 101.0
101 8.3 7.1 10.7
130 15.5 13.5 20.3





#20

3+4-Methylphenols

Concen: 46.654 ng

RT: 7.286 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:107 Resp: 18385

Ion Ratio Lower Upper

107 100

108 90.1 68.0 108.0

77 148.9 108.7 148.7

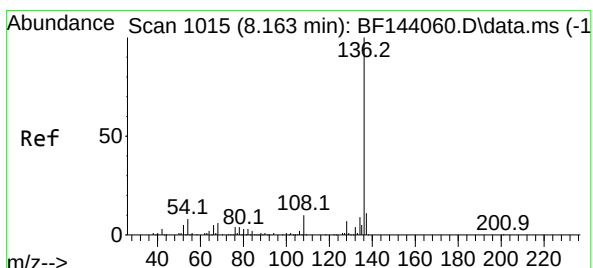
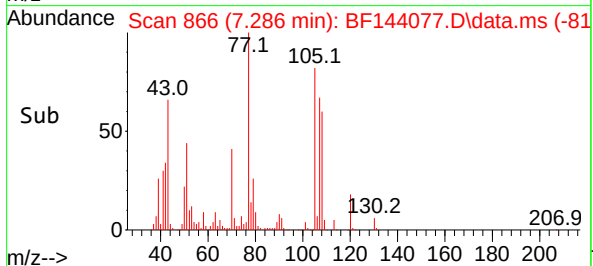
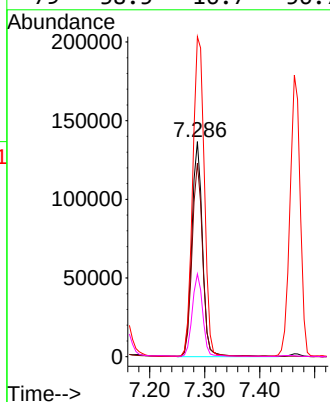
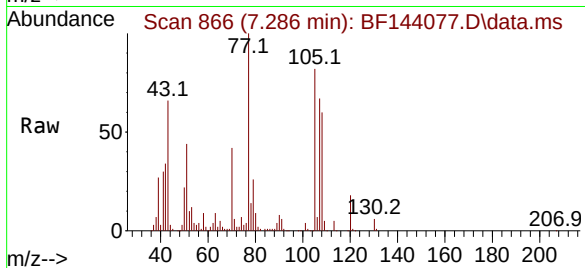
79 38.5 16.7 56.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Tgt Ion:136 Resp: 270699

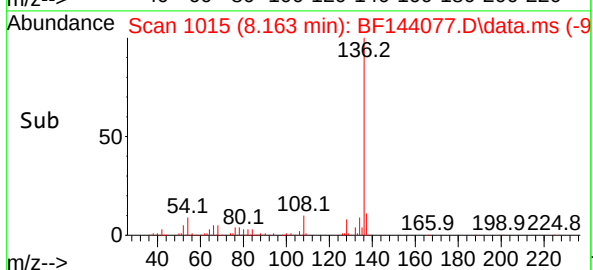
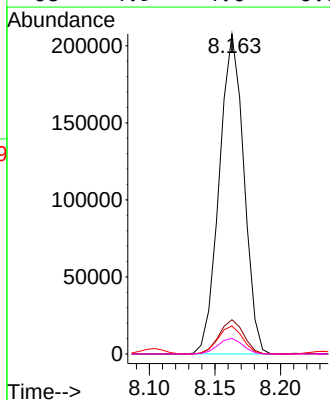
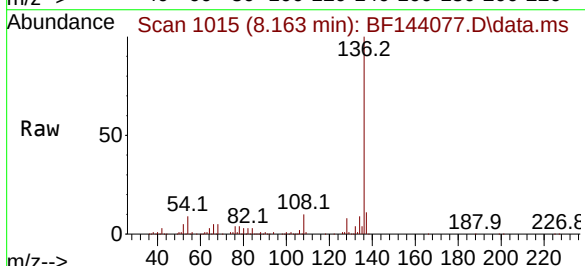
Ion Ratio Lower Upper

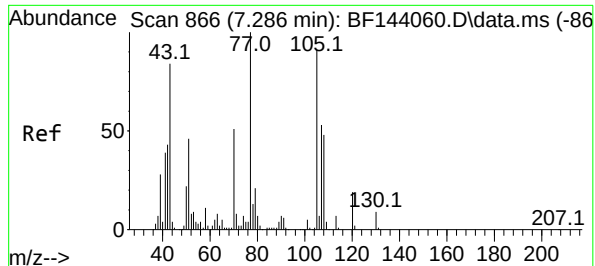
136 100

137 10.7 8.6 13.0

54 8.8 6.6 9.8

68 4.9 4.6 6.8





#22

Acetophenone

Concen: 44.337 ng

RT: 7.292 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:105 Resp: 259375

Ion Ratio Lower Upper

105 100

71 9.4 6.9 10.3

51 48.5 40.6 60.8

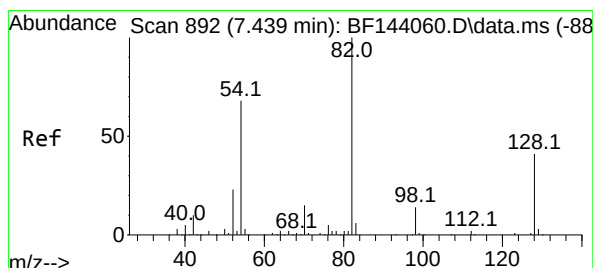
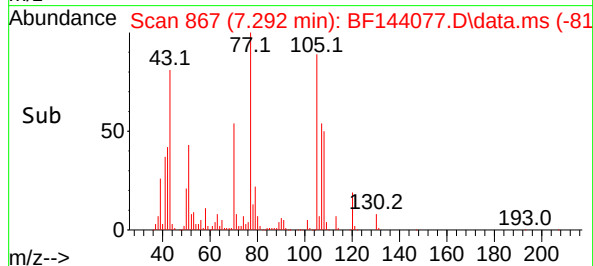
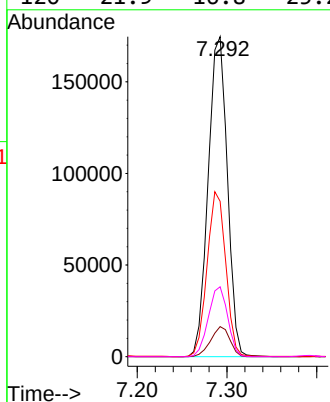
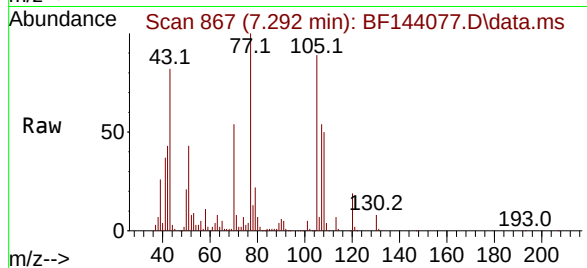
120 21.9 16.8 25.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#23

Nitrobenzene-d5

Concen: 86.598 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

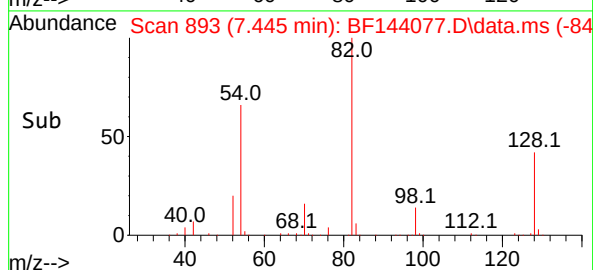
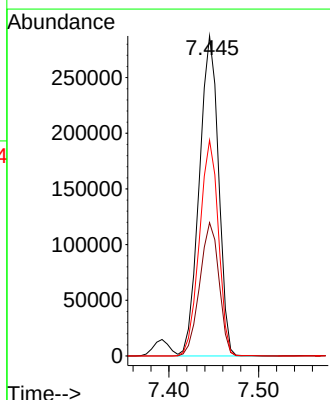
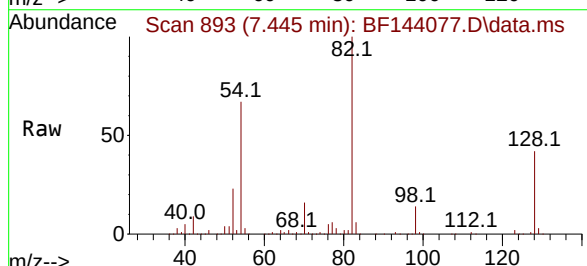
Tgt Ion: 82 Resp: 427875

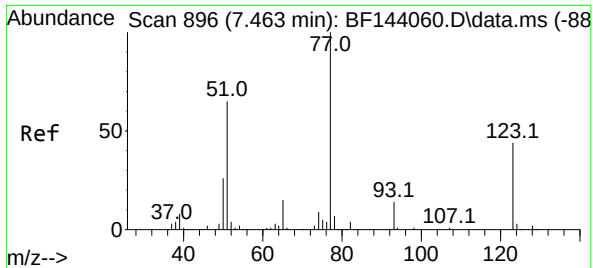
Ion Ratio Lower Upper

82 100

128 41.6 32.4 48.6

54 67.4 54.0 81.0





#24

Nitrobenzene

Concen: 44.077 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF144077.D

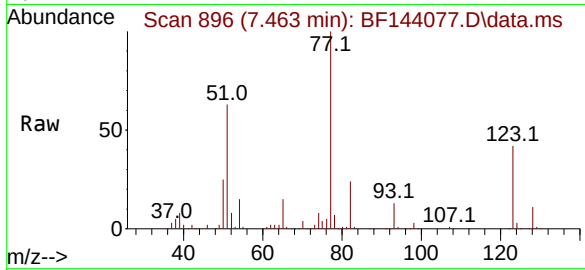
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion: 77 Resp: 230378

Ion Ratio Lower Upper

77 100

123 41.6 35.0 52.6

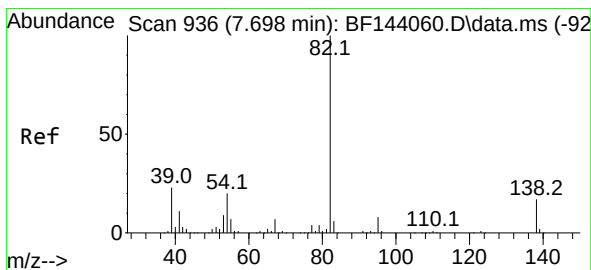
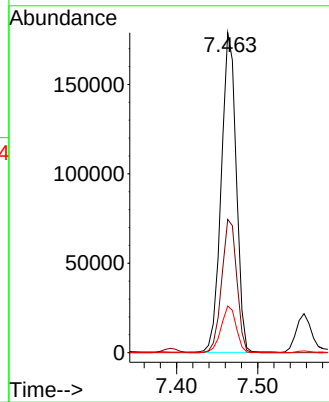
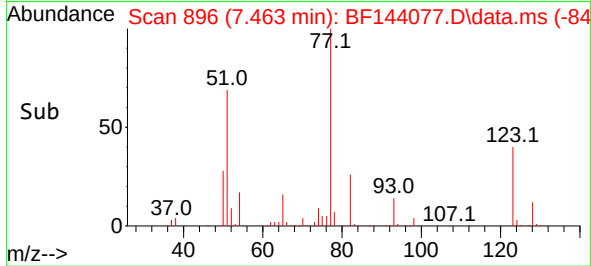
65 14.6 12.2 18.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#25

Isophorone

Concen: 47.430 ng

RT: 7.704 min Scan# 937

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

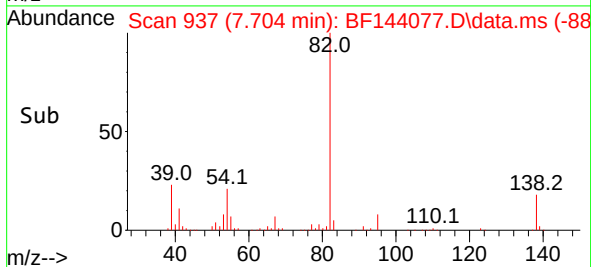
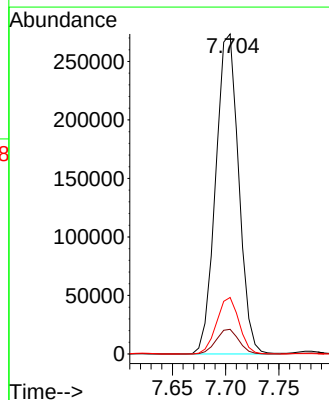
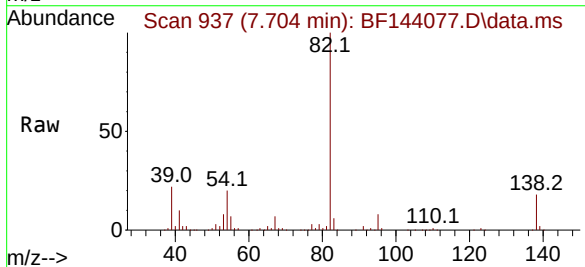
Tgt Ion: 82 Resp: 409716

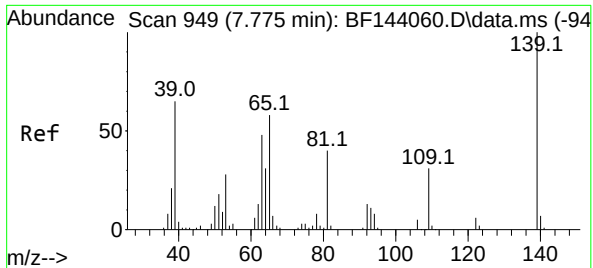
Ion Ratio Lower Upper

82 100

95 7.7 6.6 9.8

138 17.6 13.8 20.8





#26

2-Nitrophenol

Concen: 43.901 ng

RT: 7.781 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:139 Resp: 10915

Ion Ratio Lower Upper

139 100

109 30.2 24.6 37.0

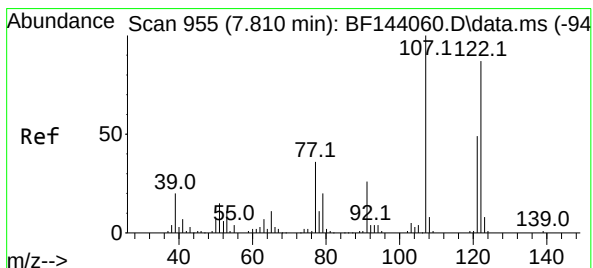
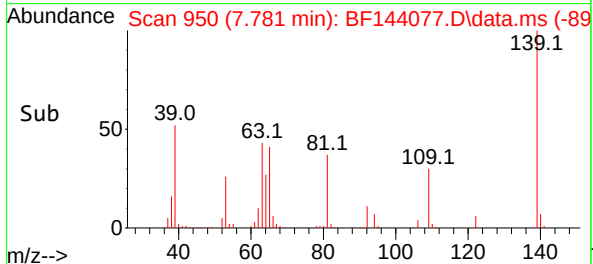
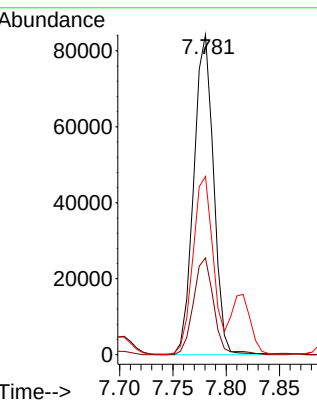
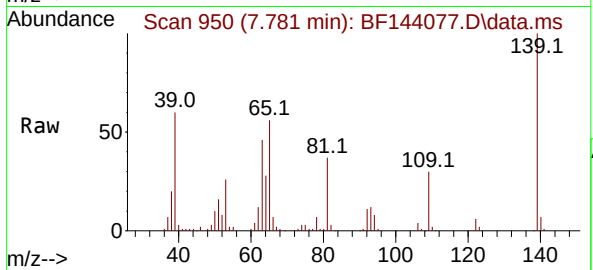
65 55.7 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#27

2,4-Dimethylphenol

Concen: 49.542 ng

RT: 7.816 min Scan# 956

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

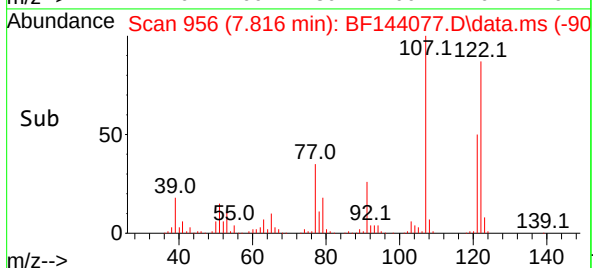
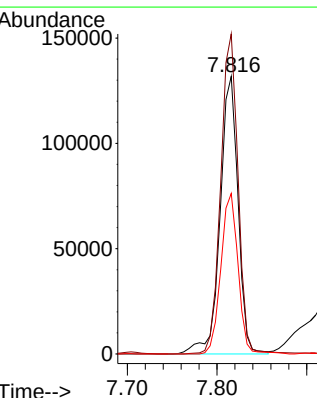
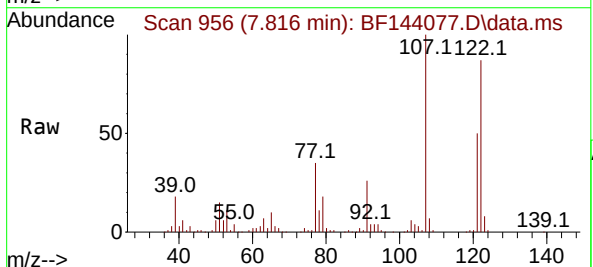
Tgt Ion:122 Resp: 183060

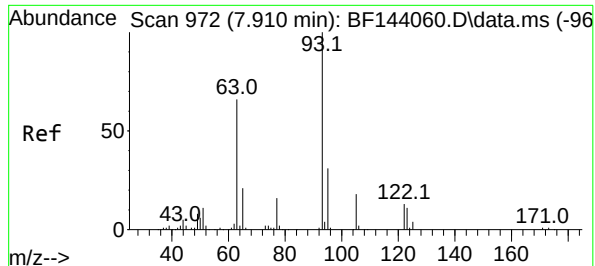
Ion Ratio Lower Upper

122 100

107 115.3 91.8 137.8

121 57.8 45.2 67.8





#28

bis(2-Chloroethoxy)methane

Concen: 45.493 ng

RT: 7.910 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion: 93 Resp: 24507

Ion Ratio Lower Upper

93 100

95 31.7 24.6 36.8

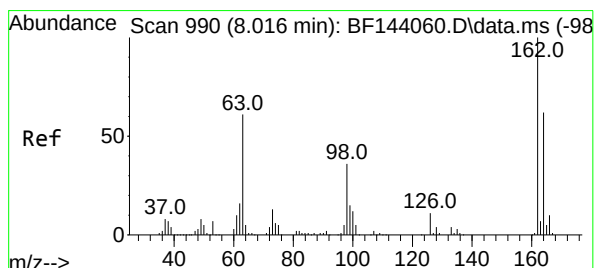
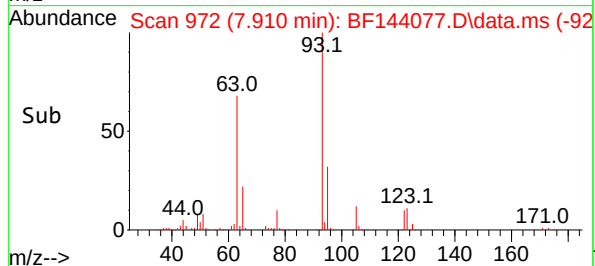
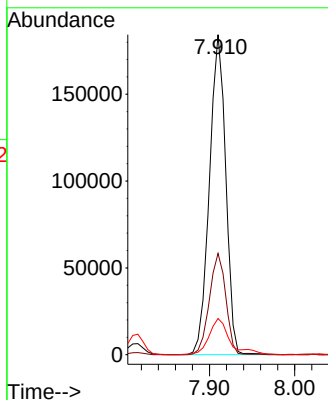
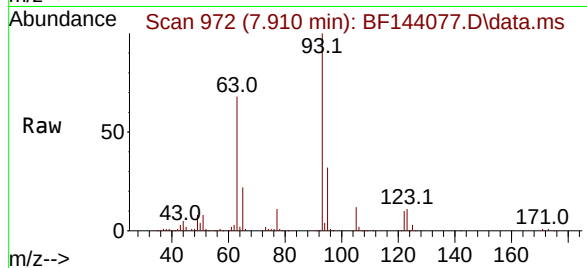
123 11.3 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#29

2,4-Dichlorophenol

Concen: 43.789 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

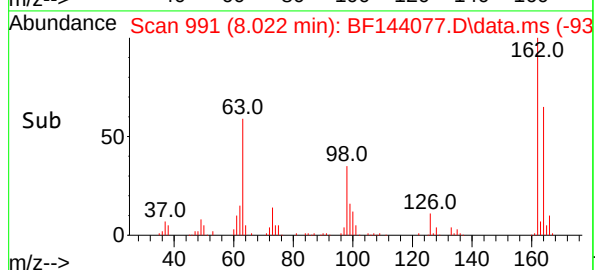
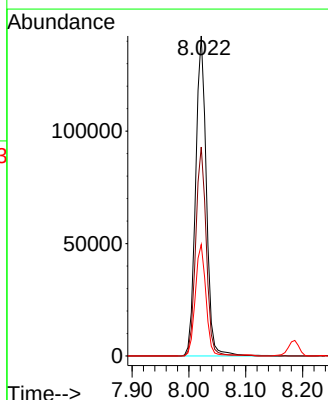
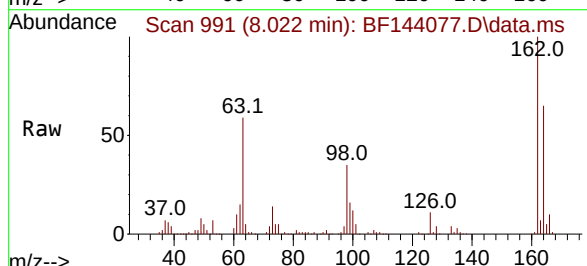
Tgt Ion:162 Resp: 188162

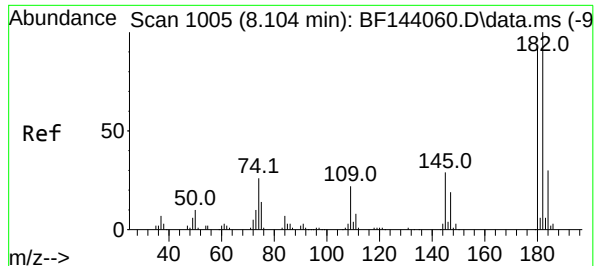
Ion Ratio Lower Upper

162 100

164 65.3 42.1 82.1

98 34.8 16.0 56.0





#30

1,2,4-Trichlorobenzene

Concen: 46.653 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:180 Resp: 206239

Ion Ratio Lower Upper

180 100

182 106.7 87.1 130.7

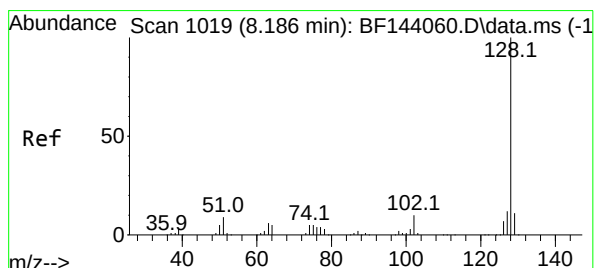
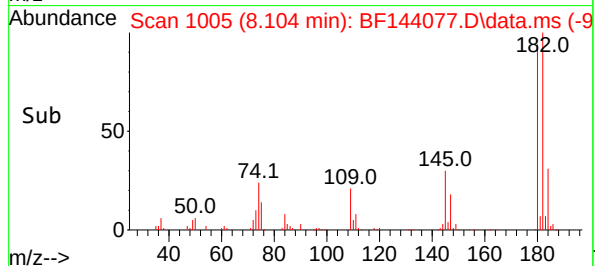
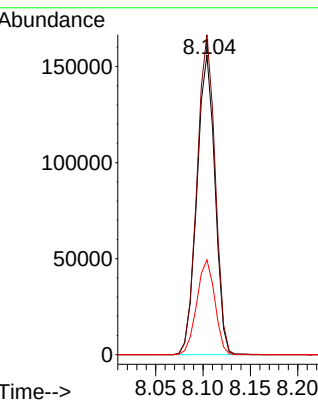
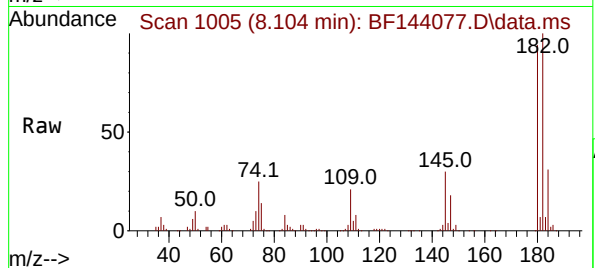
145 31.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#31

Naphthalene

Concen: 43.068 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

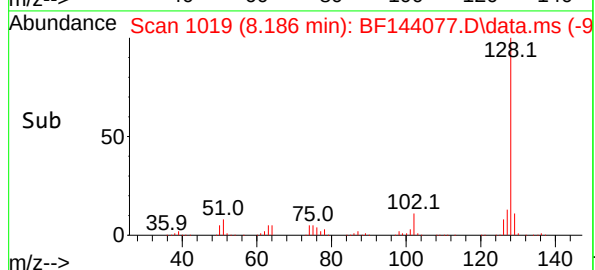
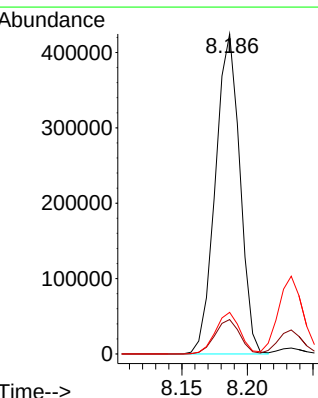
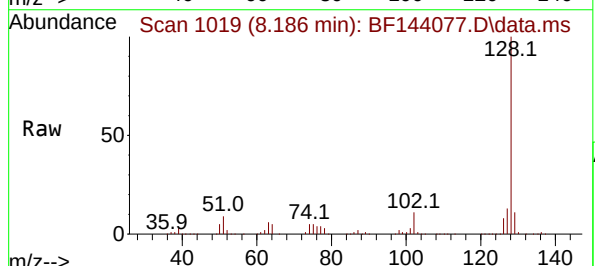
Tgt Ion:128 Resp: 550251

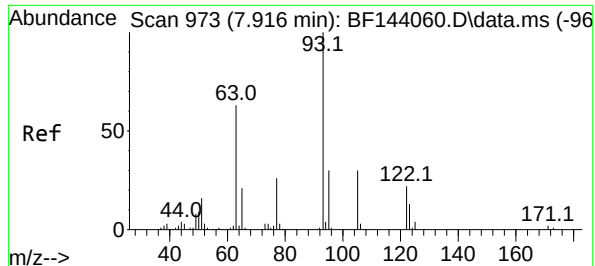
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.0 9.9 14.9





#32

Benzoic acid

Concen: 52.257 ng

RT: 7.945 min Scan# 91

Delta R.T. 0.029 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:122 Resp: 122479

Ion Ratio Lower Upper

122 100

105 121.5 111.3 151.3

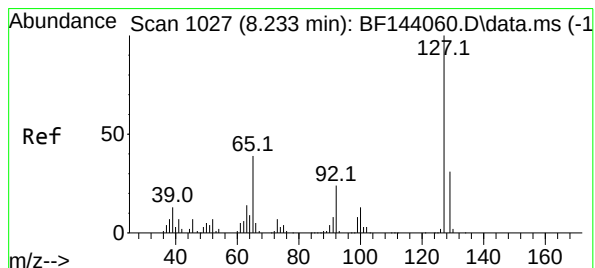
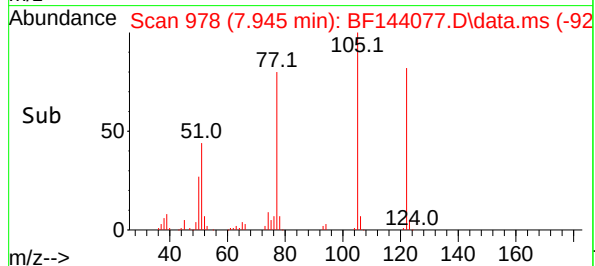
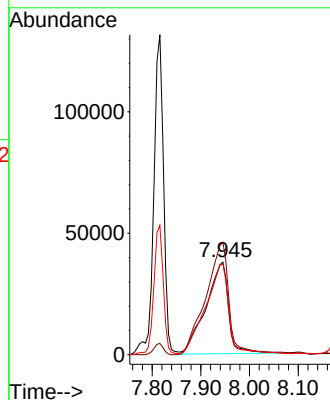
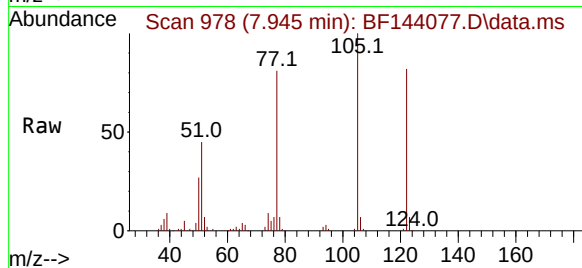
77 98.2 96.7 136.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#33

4-Chloroaniline

Concen: 30.550 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Tgt Ion:127 Resp: 135875

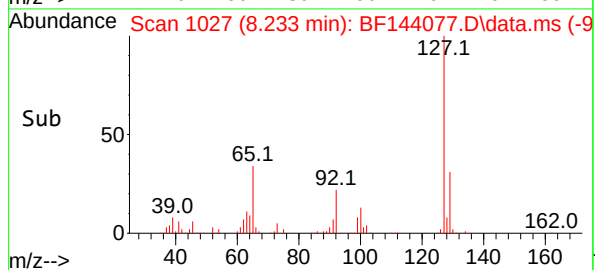
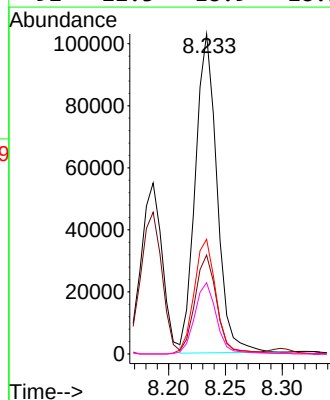
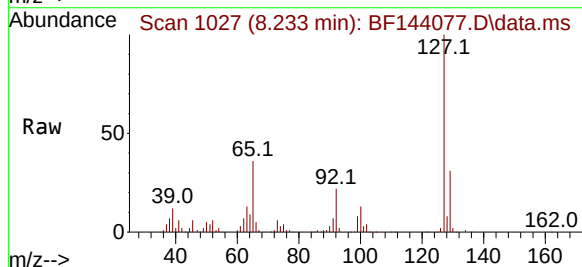
Ion Ratio Lower Upper

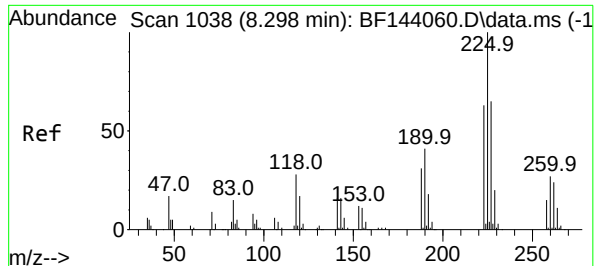
127 100

129 30.9 25.6 38.4

65 35.8 30.9 46.3

92 22.3 18.9 28.3





#34

Hexachlorobutadiene

Concen: 41.162 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:225 Resp: 148790

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

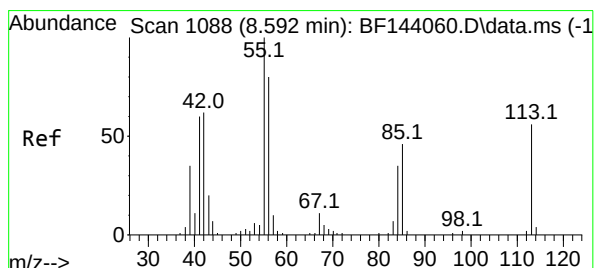
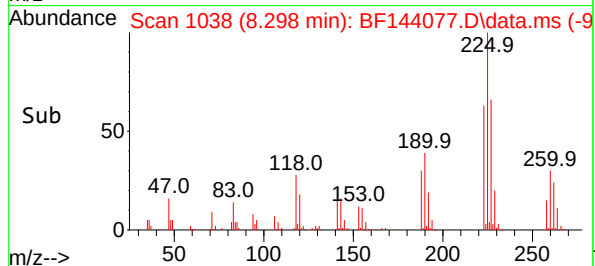
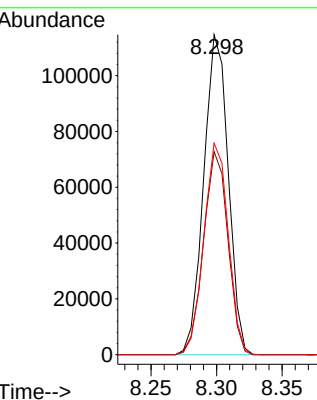
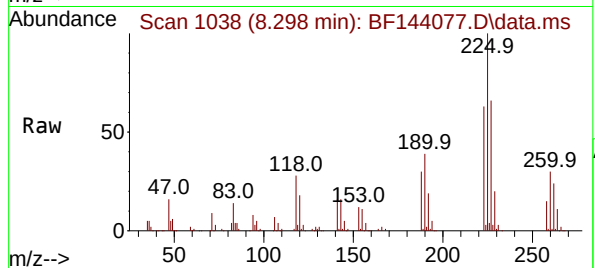
227 66.1 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#35

Caprolactam

Concen: 52.789 ng m

RT: 8.604 min Scan# 1090

Delta R.T. 0.012 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

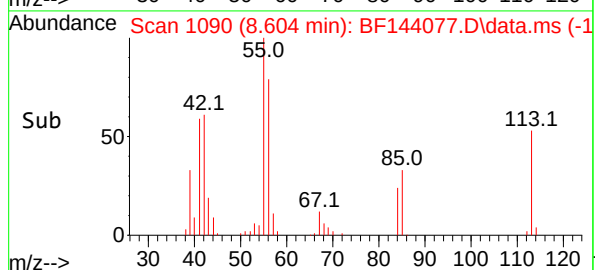
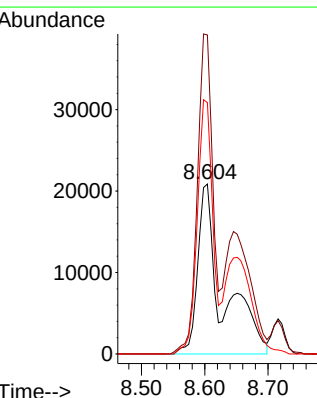
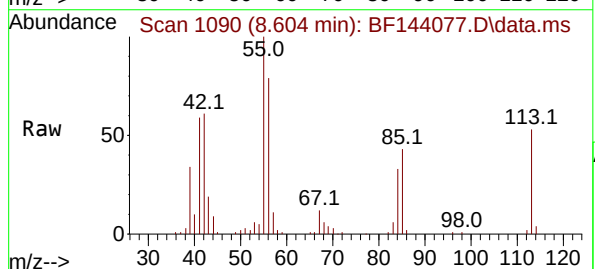
Tgt Ion:113 Resp: 56883

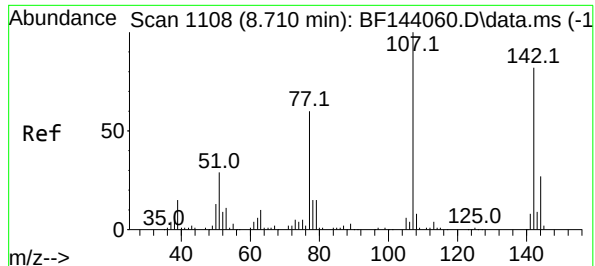
Ion Ratio Lower Upper

113 100

55 187.8 160.1 200.1

56 147.9 124.9 164.9





#36

4-Chloro-3-methylphenol

Concen: 47.531 ng

RT: 8.716 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:107 Resp: 180239

Ion Ratio Lower Upper

107 100

144 27.5 21.6 32.4

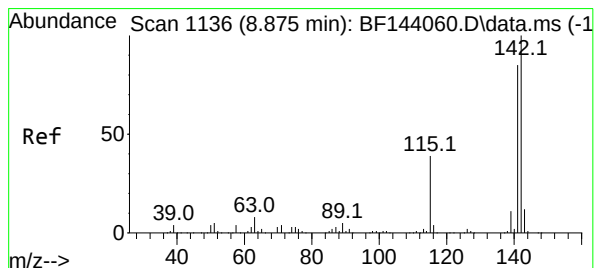
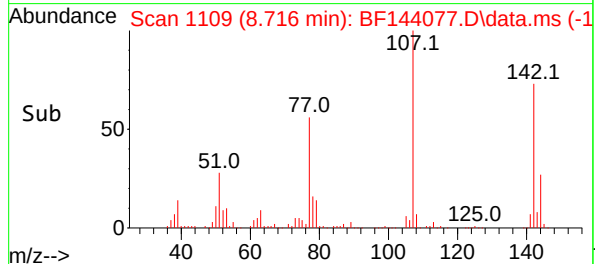
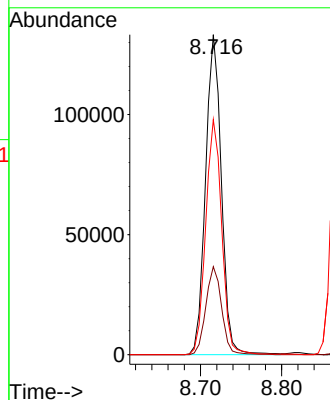
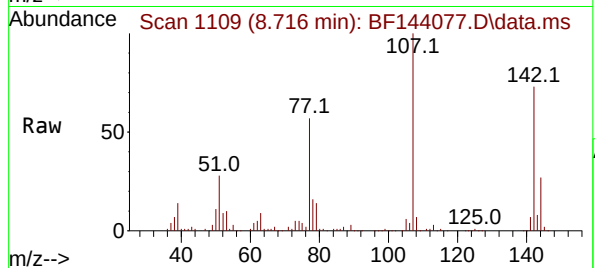
142 73.4 65.4 98.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#37

2-Methylnaphthalene

Concen: 43.679 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144077.D

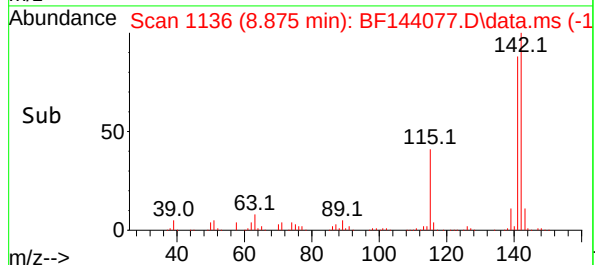
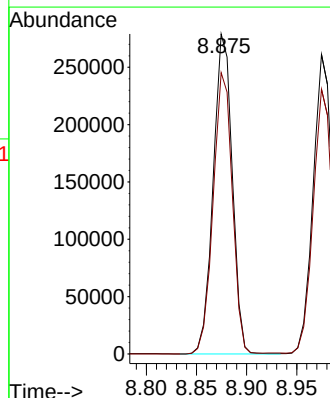
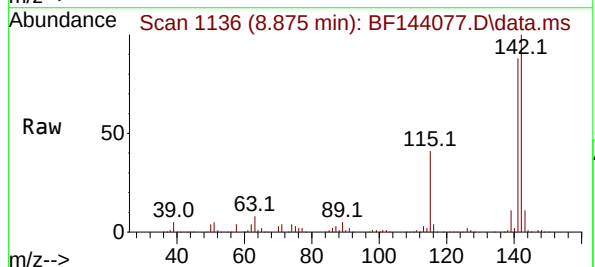
Acq: 27 Oct 2025 11:56

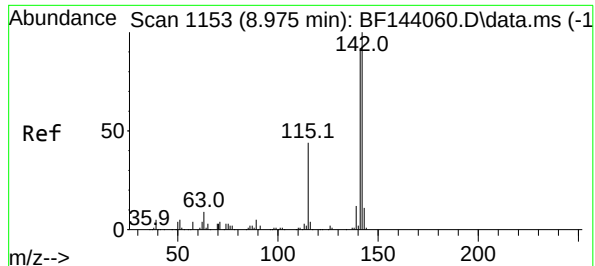
Tgt Ion:142 Resp: 367930

Ion Ratio Lower Upper

142 100

141 87.9 67.6 101.4





#38

1-Methylnaphthalene

Concen: 42.841 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:142 Resp: 341894

Ion Ratio Lower Upper

142 100

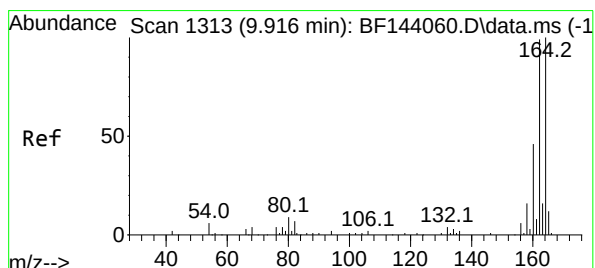
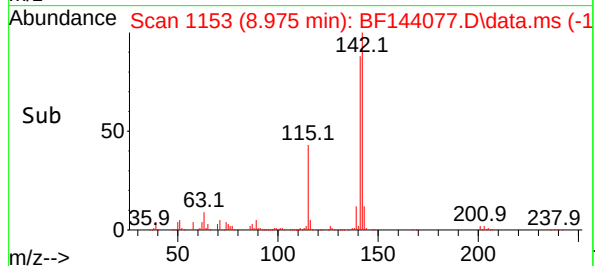
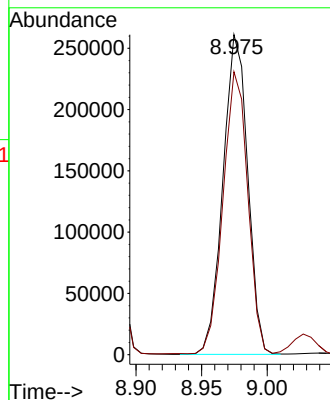
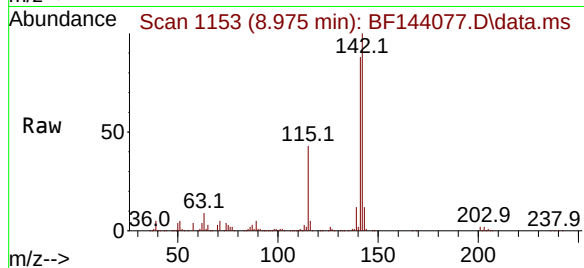
141 88.4 73.4 110.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

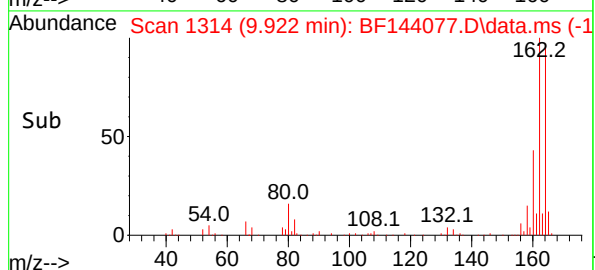
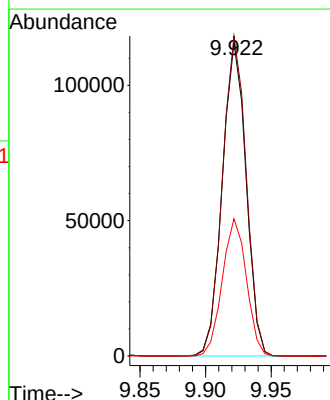
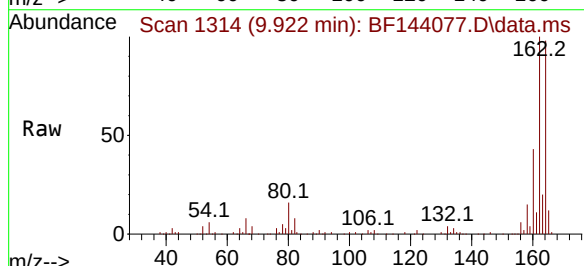
Tgt Ion:164 Resp: 145913

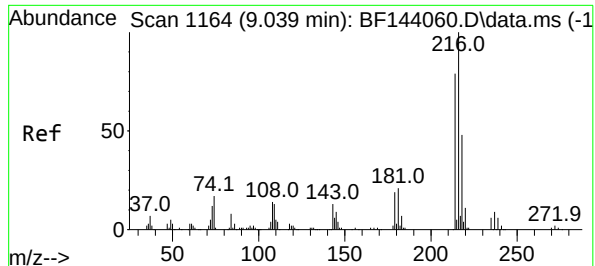
Ion Ratio Lower Upper

164 100

162 102.1 79.4 119.2

160 43.7 36.7 55.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.595 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF144077.D

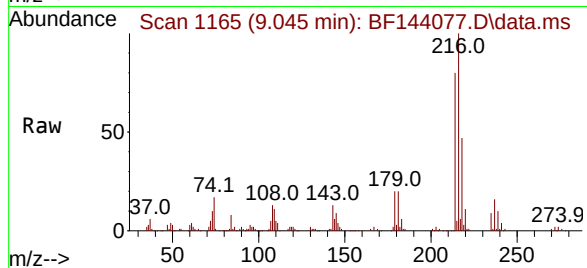
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:216 Resp: 213604

Ion Ratio Lower Upper

216 100

214 80.1 63.2 94.8

179 19.9 15.2 22.8

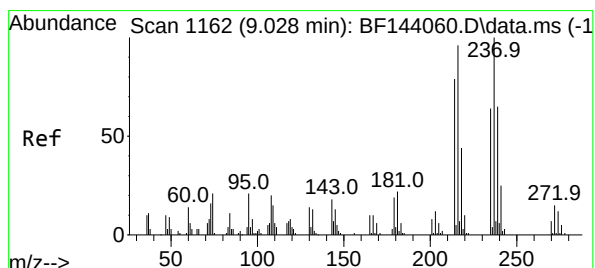
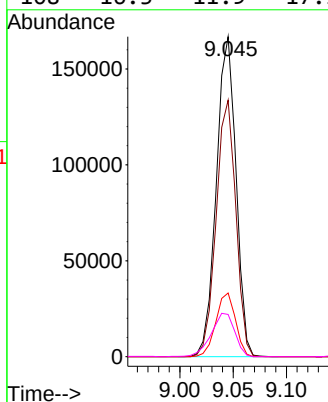
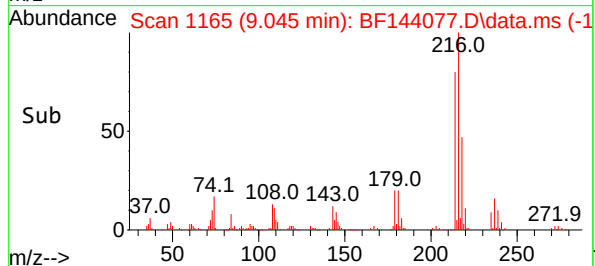
108 16.3 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#41

Hexachlorocyclopentadiene

Concen: 137.305 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

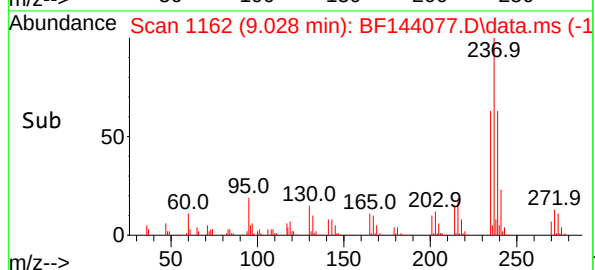
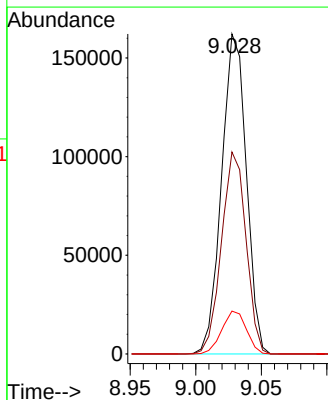
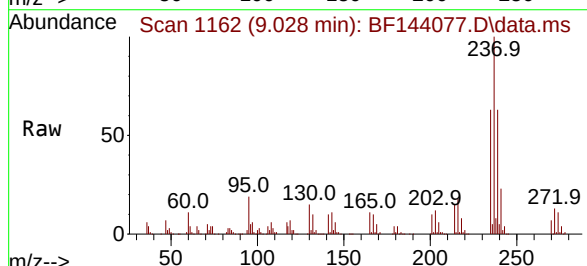
Tgt Ion:237 Resp: 212668

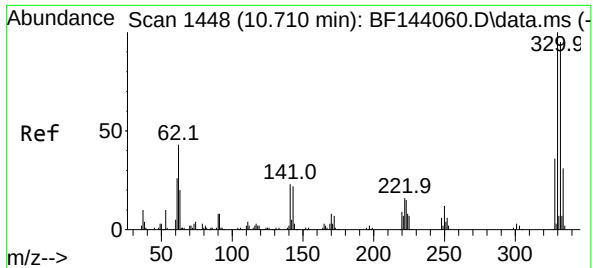
Ion Ratio Lower Upper

237 100

235 63.1 44.3 84.3

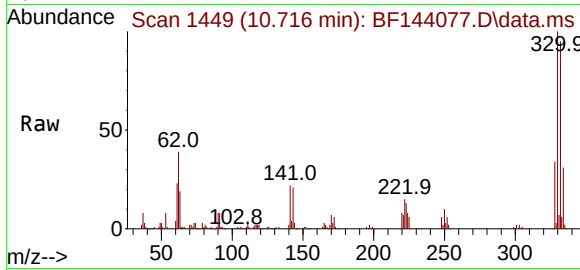
272 13.4 0.0 35.2





#42
2,4,6-Tribromophenol
Concen: 98.151 ng
RT: 10.716 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

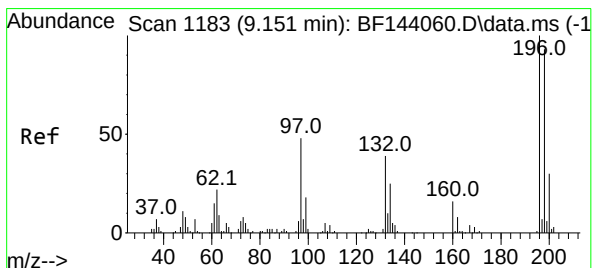
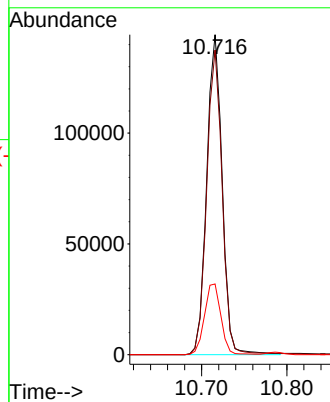
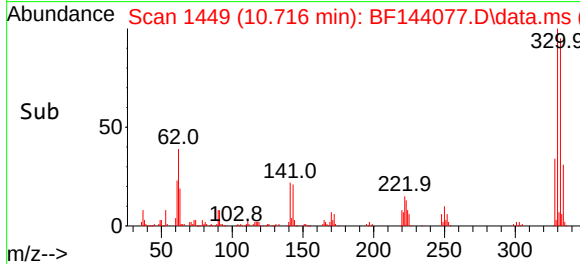
Instrument :
BNA_F
ClientSampleId :
PB170210BS



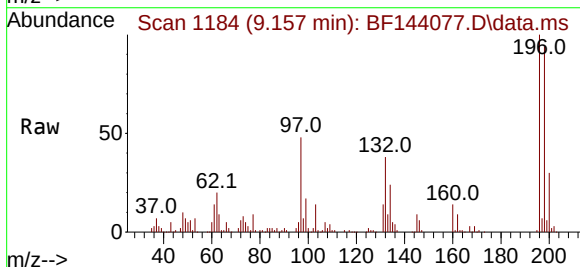
Tgt Ion:330 Resp: 182428
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 23.5 19.4 29.0

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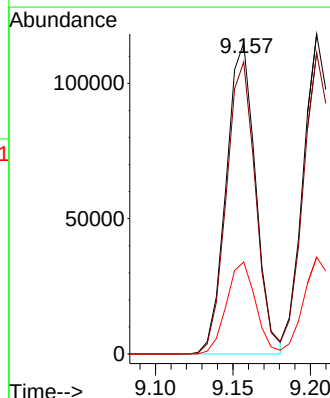
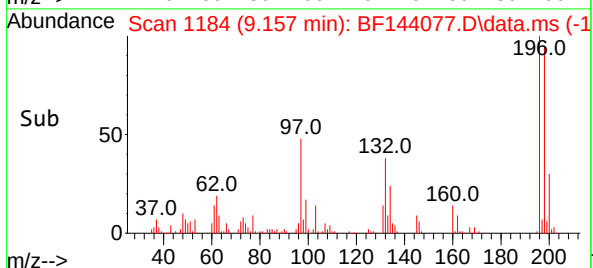
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

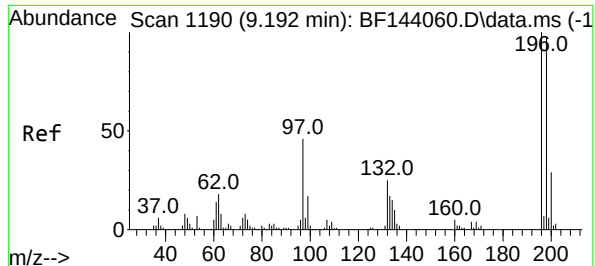


#43
2,4,6-Trichlorophenol
Concen: 46.504 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



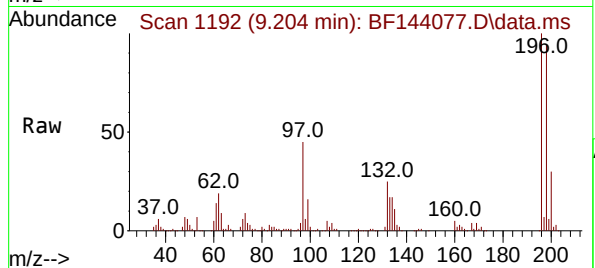
Tgt Ion:196 Resp: 151582
Ion Ratio Lower Upper
196 100
198 93.9 74.4 111.6
200 29.6 23.8 35.8





#44
2,4,5-Trichlorophenol
Concen: 44.797 ng
RT: 9.204 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

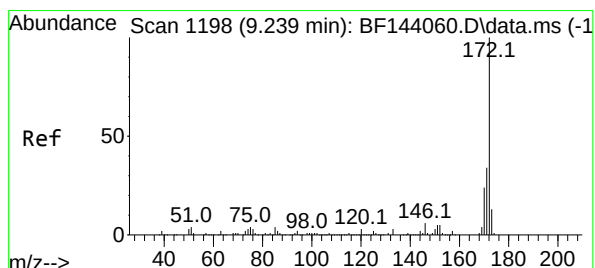
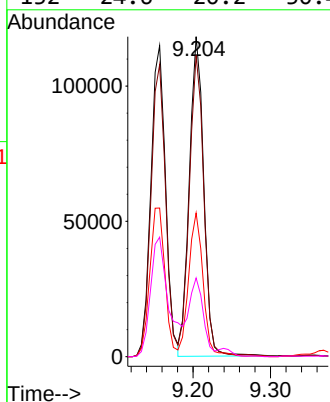
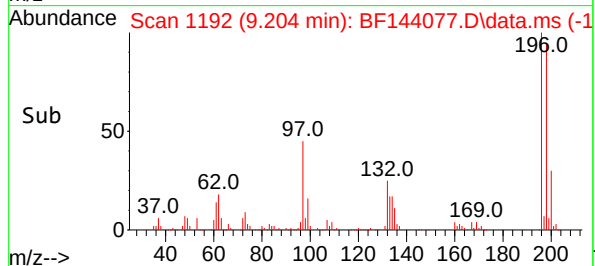
Instrument :
BNA_F
ClientSampleId :
PB170210BS



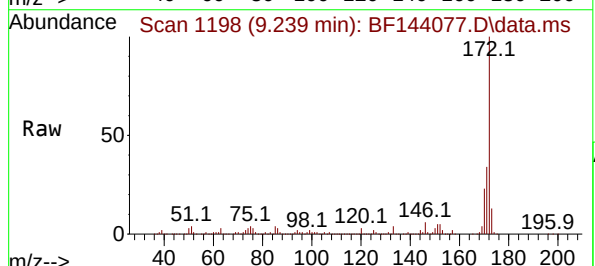
Tgt Ion:196 Resp: 153240
Ion Ratio Lower Upper
196 100
198 94.2 78.0 117.0
97 44.9 37.7 56.5
132 24.6 20.2 30.4

Manual Integrations
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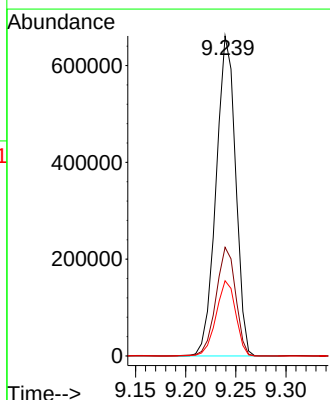
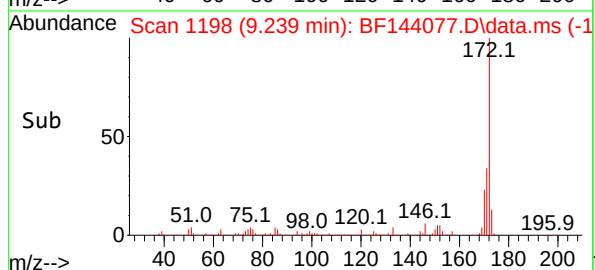
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

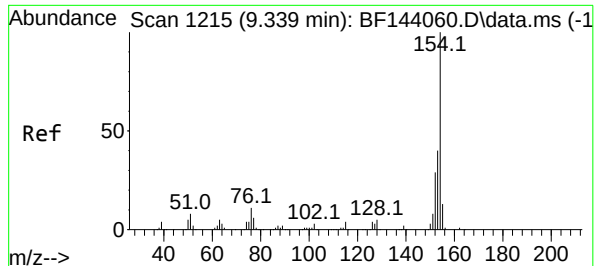


#45
2-Fluorobiphenyl
Concen: 86.116 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



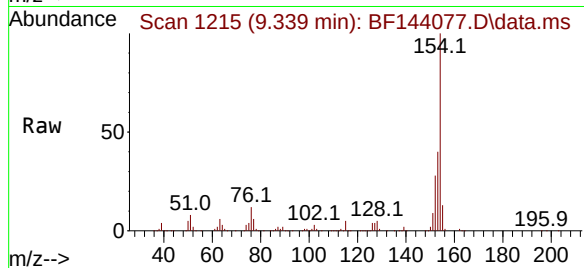
Tgt Ion:172 Resp: 892931
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 23.5 19.0 28.6





#46
1,1'-Biphenyl
Concen: 43.972 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

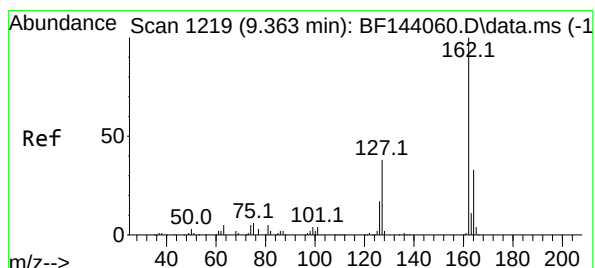
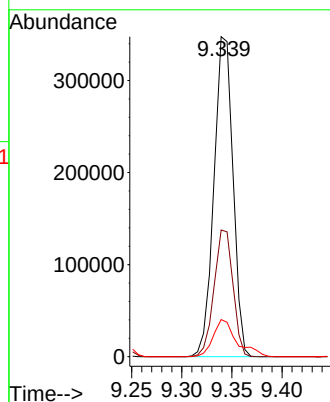
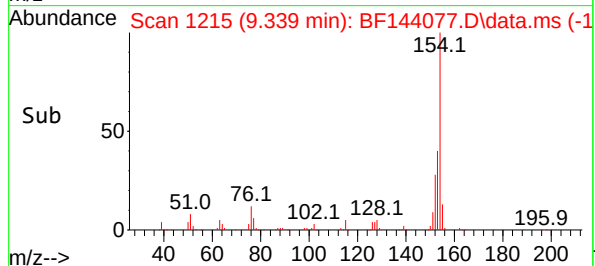
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:154 Resp: 459294
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 11.6 0.0 31.1

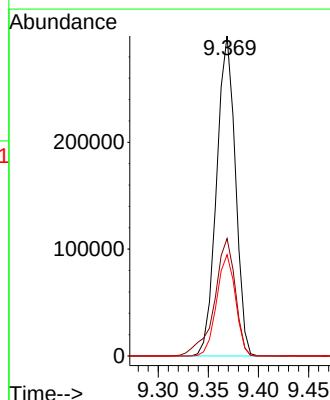
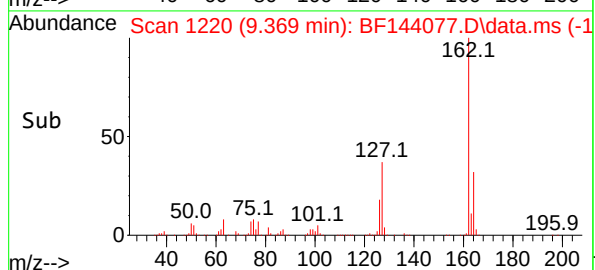
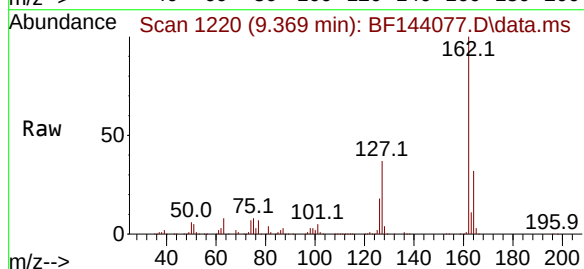
Manual Integrations
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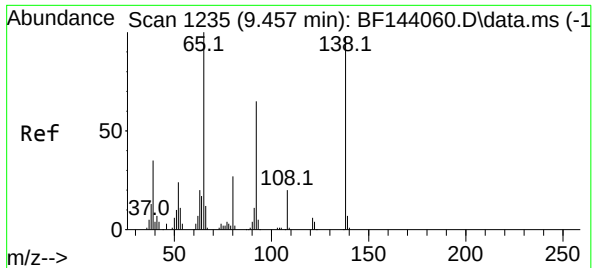
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#47
2-Chloronaphthalene
Concen: 44.588 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:162 Resp: 390176
Ion Ratio Lower Upper
162 100
127 36.7 31.6 47.4
164 31.7 26.5 39.7





#48

2-Nitroaniline

Concen: 48.208 ng

RT: 9.463 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion: 65 Resp: 125269

Ion Ratio Lower Upper

65 100

92 63.0 52.3 78.5

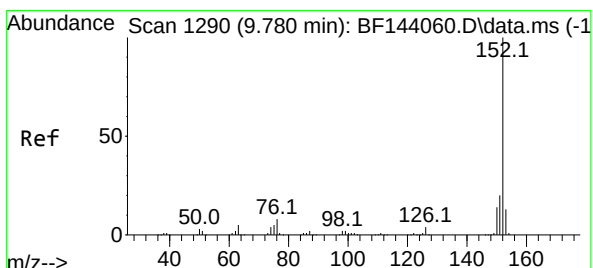
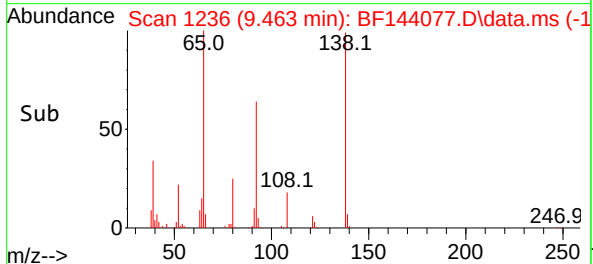
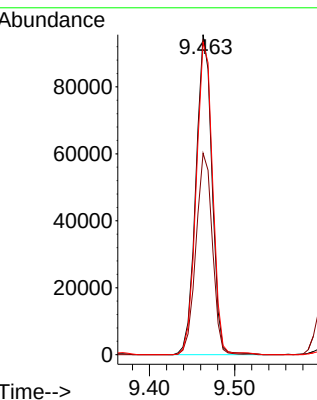
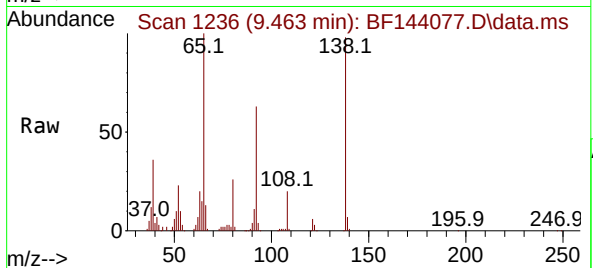
138 97.7 78.3 117.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#49

Acenaphthylene

Concen: 46.073 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

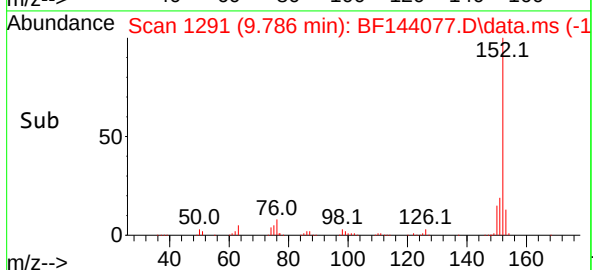
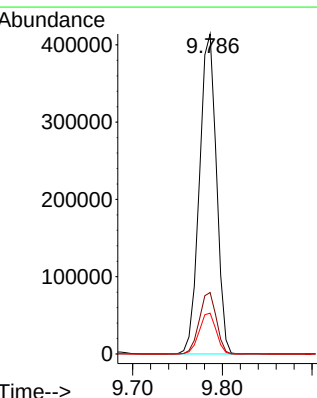
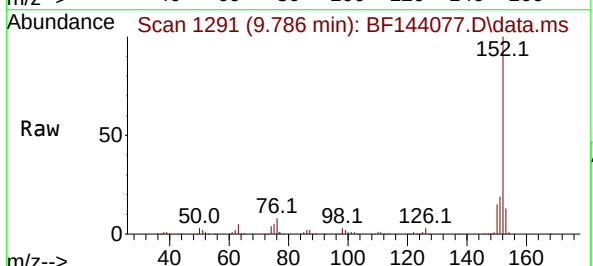
Tgt Ion:152 Resp: 543618

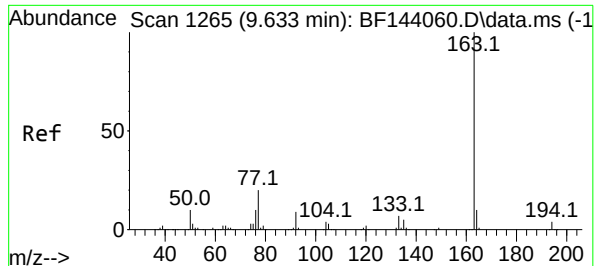
Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 12.7 10.4 15.6





#50

Dimethylphthalate

Concen: 47.834 ng

RT: 9.645 min Scan# 1265

Delta R.T. 0.012 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:163 Resp: 457498

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

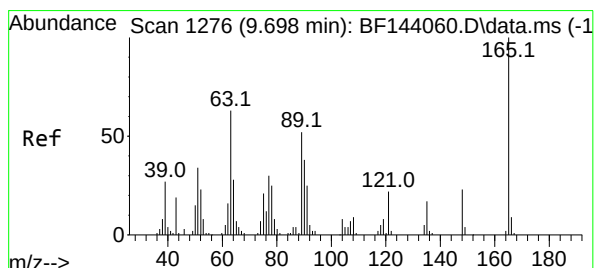
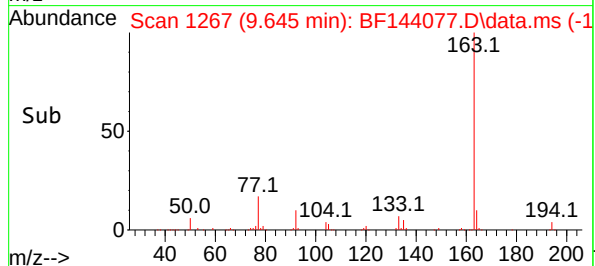
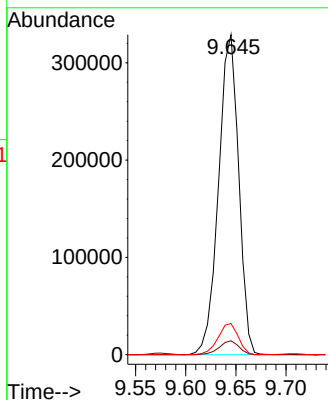
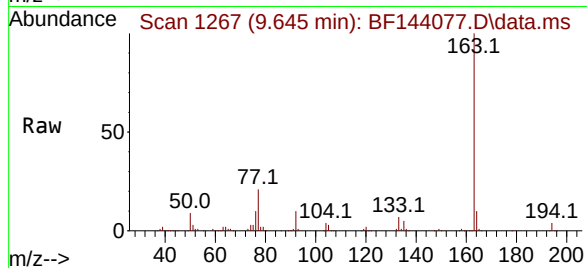
164 9.7 7.8 11.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#51

2,6-Dinitrotoluene

Concen: 52.642 ng

RT: 9.704 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

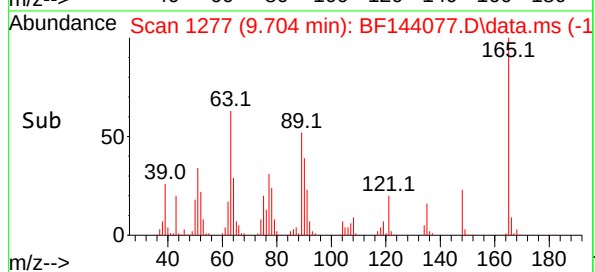
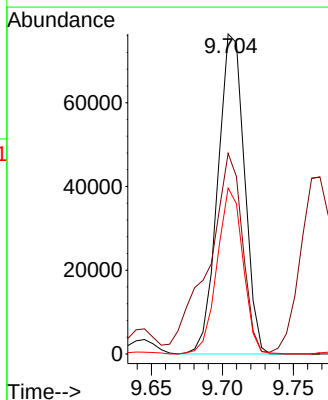
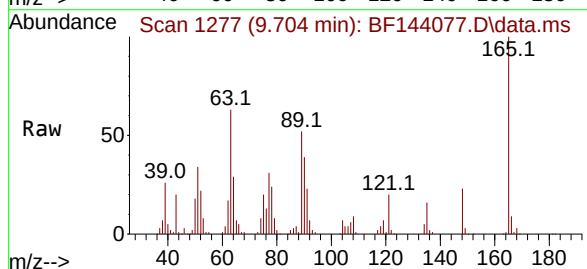
Tgt Ion:165 Resp: 99534

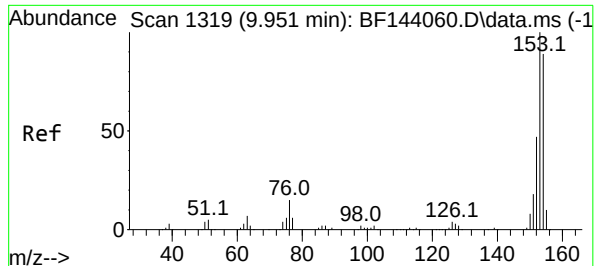
Ion Ratio Lower Upper

165 100

63 62.7 50.4 75.6

89 51.8 41.4 62.2





#52

Acenaphthene

Concen: 42.056 ng m

RT: 9.957 min Scan# 1319

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:154 Resp: 331390

Ion Ratio Lower Upper

154 100

153 110.9 89.9 134.9

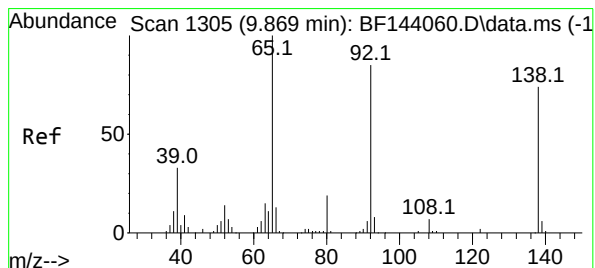
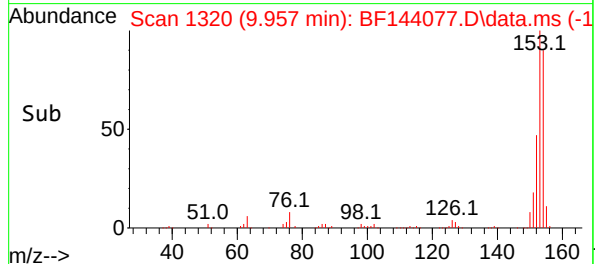
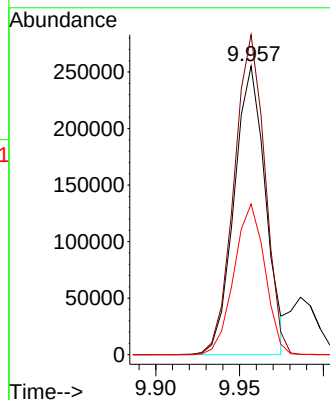
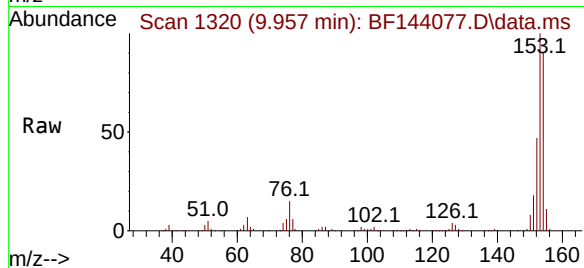
152 52.2 42.0 63.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#53

3-Nitroaniline

Concen: 37.101 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

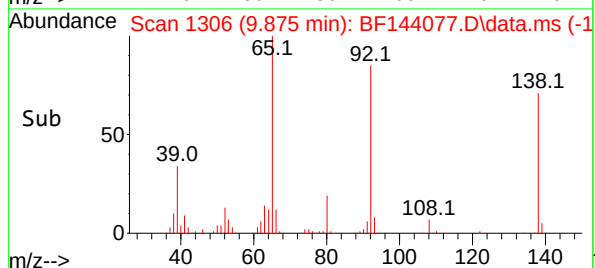
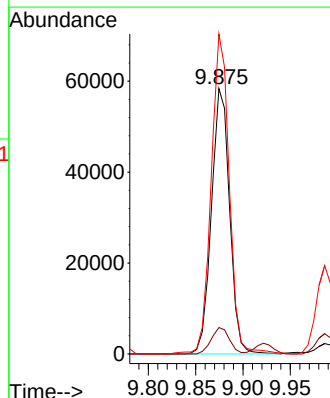
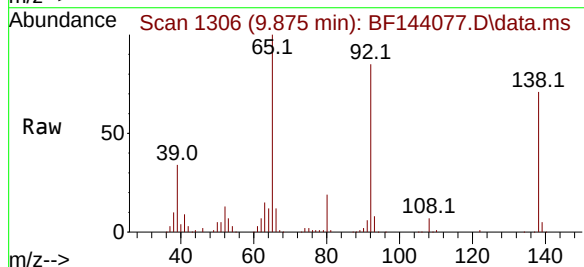
Tgt Ion:138 Resp: 77993

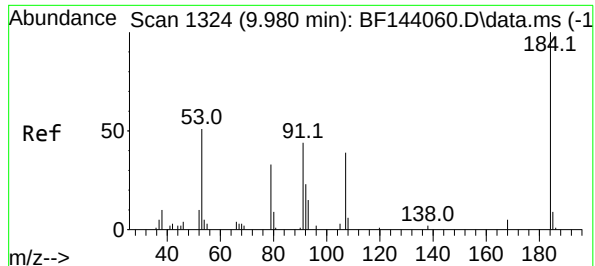
Ion Ratio Lower Upper

138 100

108 10.0 7.9 11.9

92 120.6 92.0 138.0





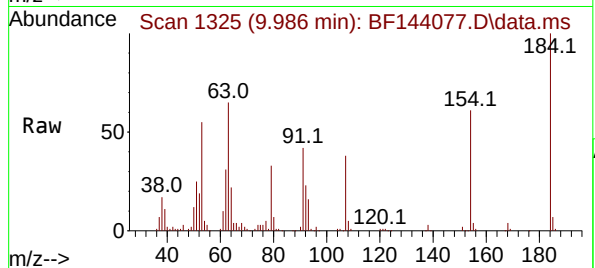
#54
2,4-Dinitrophenol
Concen: 115.513 ng
RT: 9.986 min Scan# 118130
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

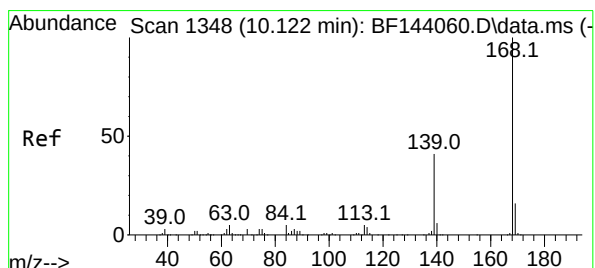
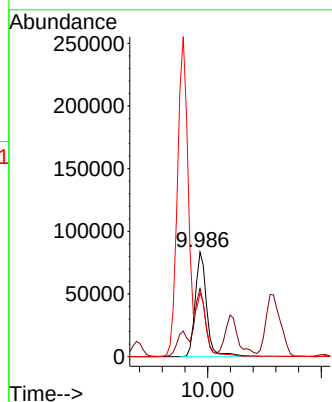
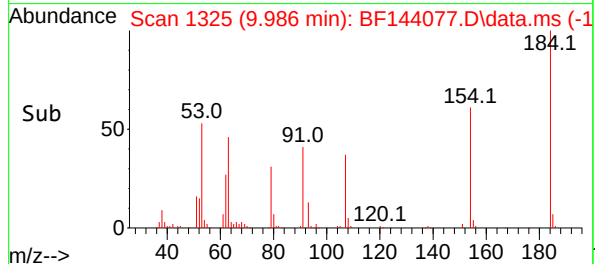


Tgt Ion:184 Resp: 118130
Ion Ratio Lower Upper
184 100
63 65.2 52.1 78.1
154 61.0 47.9 71.9

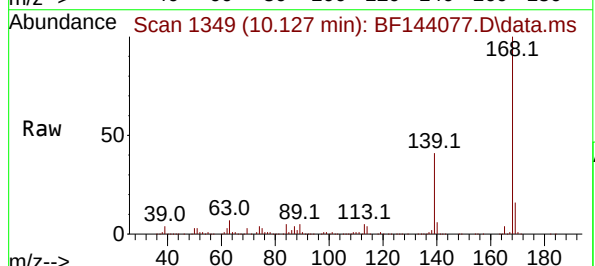
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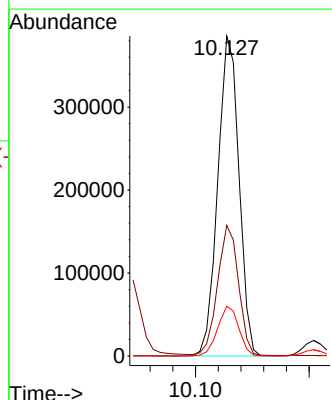
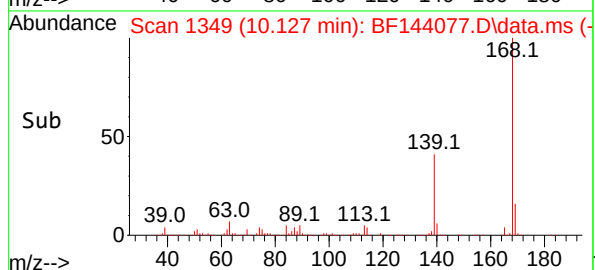
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

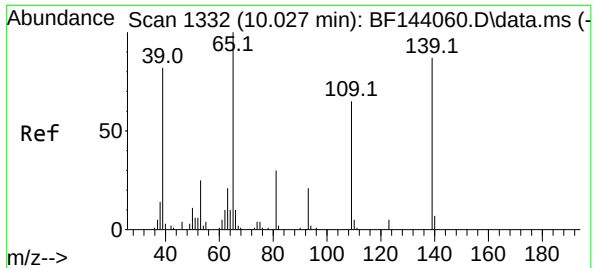


#55
Dibenzofuran
Concen: 45.675 ng
RT: 10.127 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:168 Resp: 499666
Ion Ratio Lower Upper
168 100
139 40.8 33.2 49.8
169 15.5 12.6 19.0





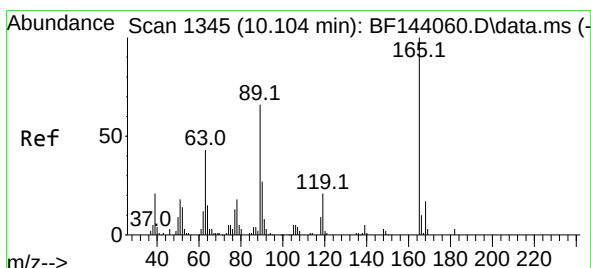
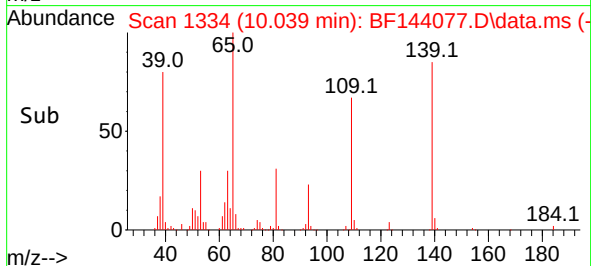
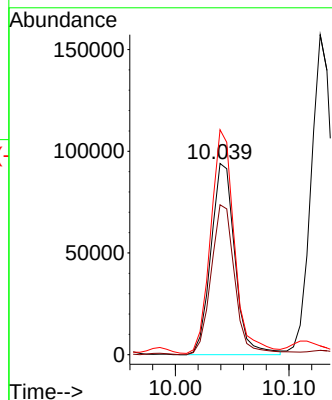
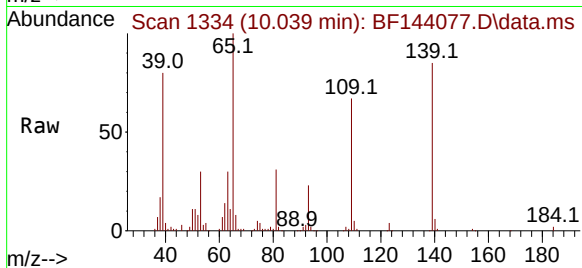
#56
4-Nitrophenol
Concen: 96.685 ng
RT: 10.039 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
PB170210BS

Tgt Ion:139 Resp: 13763
Ion Ratio Lower Upper
139 100
109 78.4 53.8 93.8
65 117.6 95.9 135.9

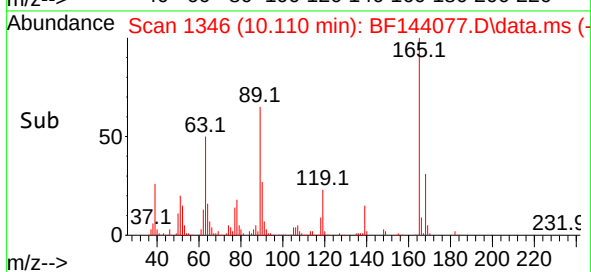
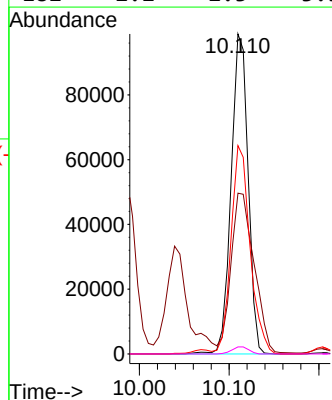
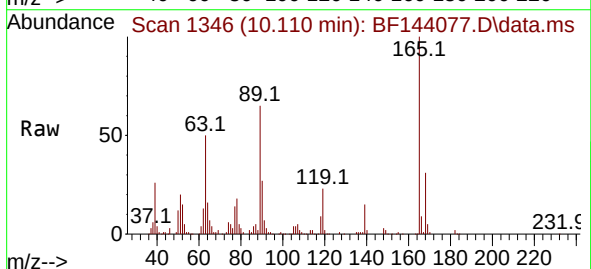
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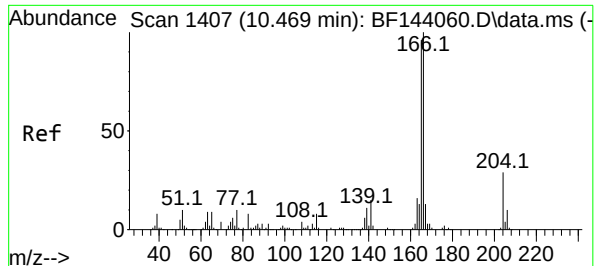
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#57
2,4-Dinitrotoluene
Concen: 50.738 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:165 Resp: 129476
Ion Ratio Lower Upper
165 100
63 50.3 35.4 53.2
89 65.1 52.7 79.1
182 2.2 2.3 3.5#





#58

Fluorene

Concen: 45.139 ng

RT: 10.474 min Scan# 1407

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:166 Resp: 37624

Ion Ratio Lower Upper

166 100

165 99.4 77.0 115.4

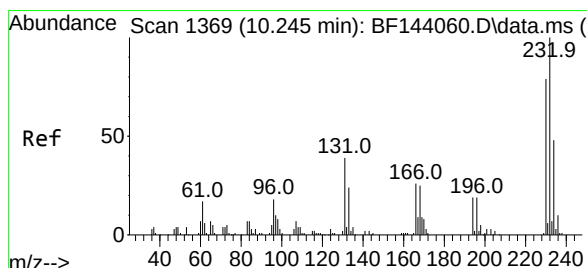
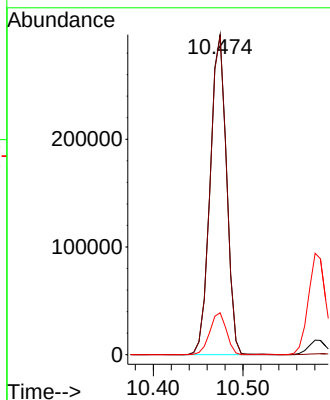
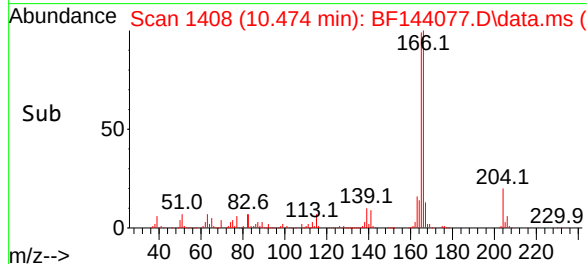
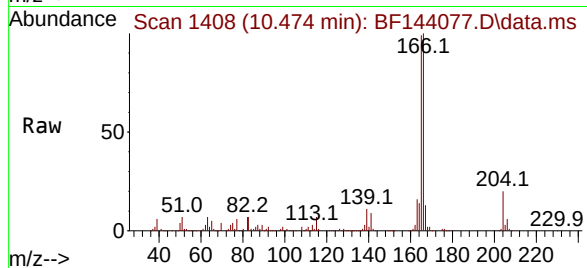
167 13.1 10.2 15.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 52.507 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Tgt Ion:232 Resp: 126574

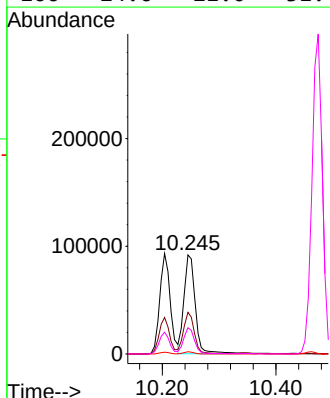
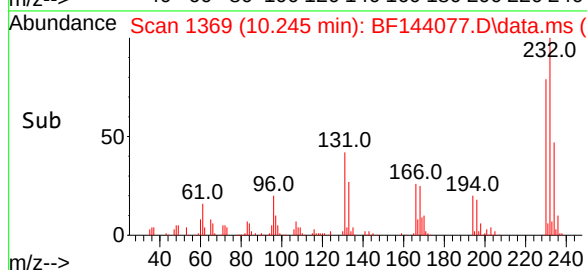
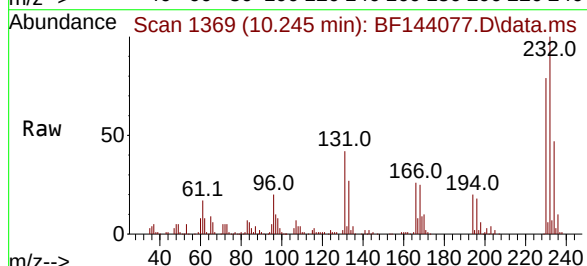
Ion Ratio Lower Upper

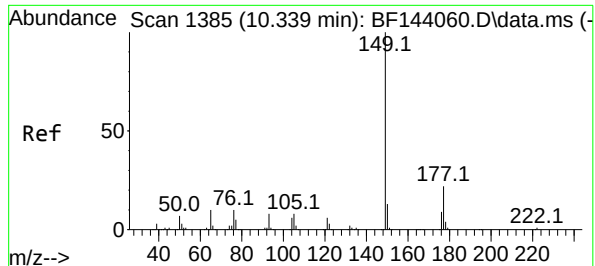
232 100

131 39.0 31.9 47.9

130 1.9 1.1 1.7#

166 24.6 21.0 31.4





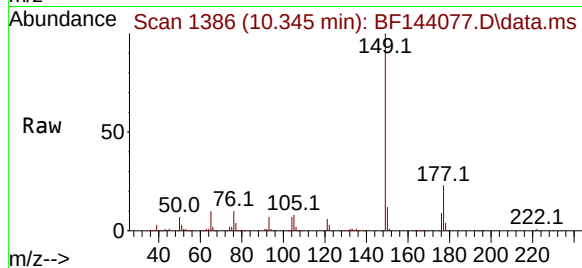
#60
Diethylphthalate
Concen: 47.287 ng
RT: 10.345 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

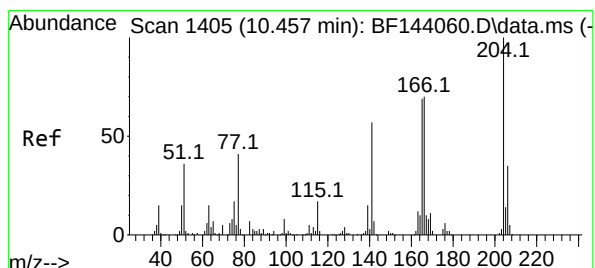
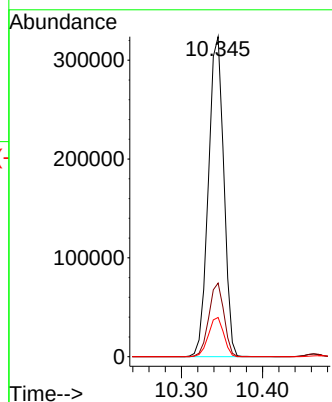
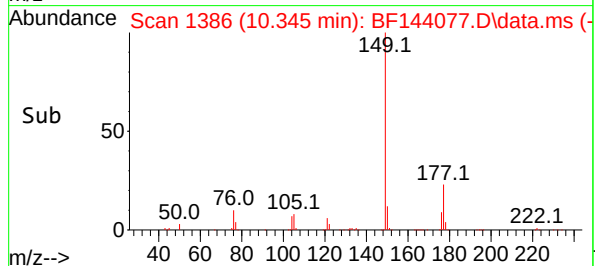


Tgt Ion:149 Resp: 425329
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 12.2 10.1 15.1

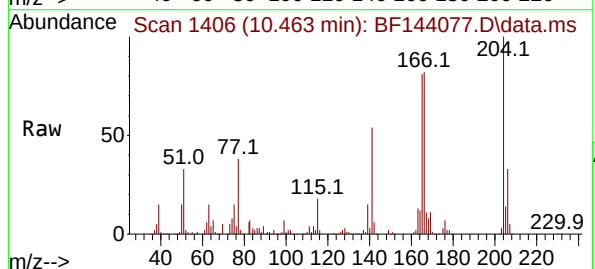
Manual Integrations

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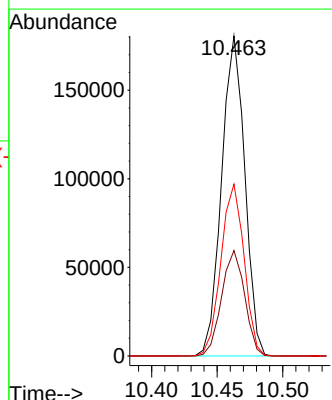
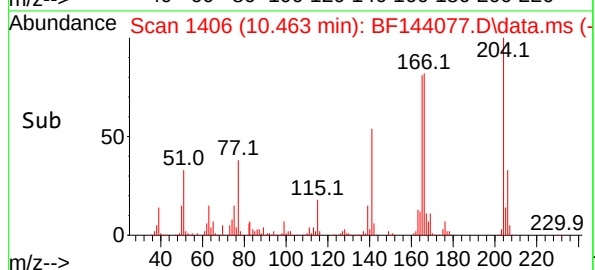
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

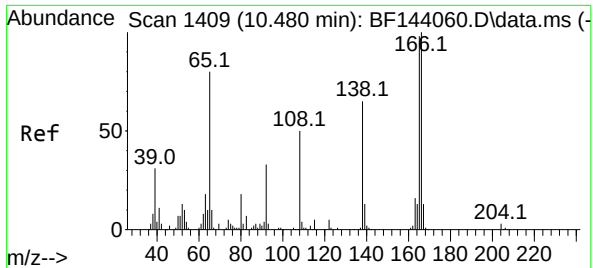


#61
4-Chlorophenyl-phenylether
Concen: 47.349 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



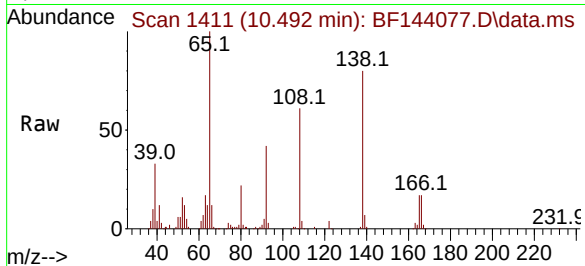
Tgt Ion:204 Resp: 221949
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.6
141 53.7 45.4 68.2





#62
4-Nitroaniline
Concen: 44.541 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

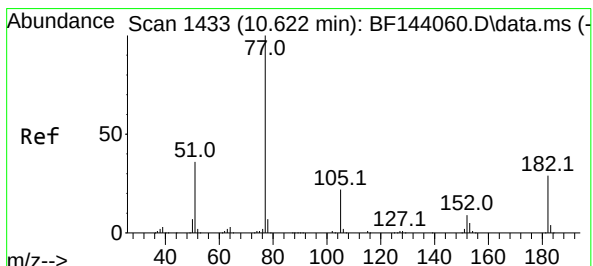
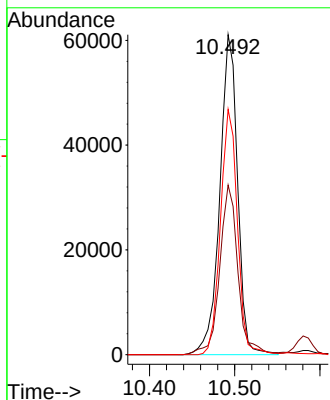
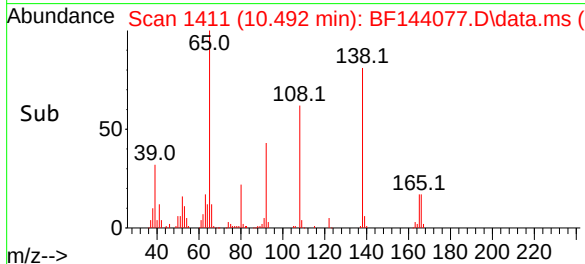
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:138 Resp: 88718
Ion Ratio Lower Upper
138 100
92 53.0 30.5 70.5
108 76.7 56.2 96.2

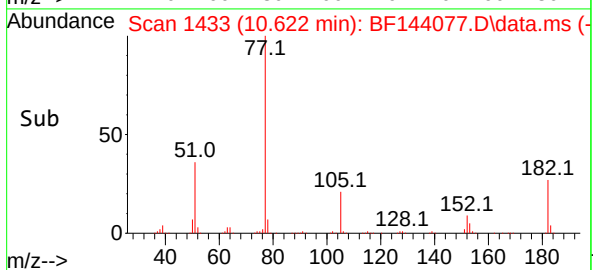
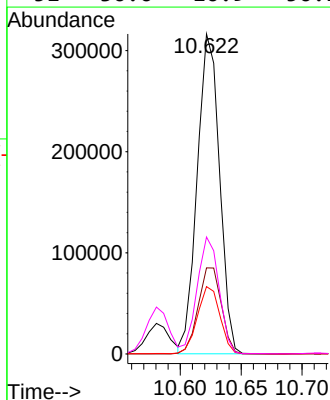
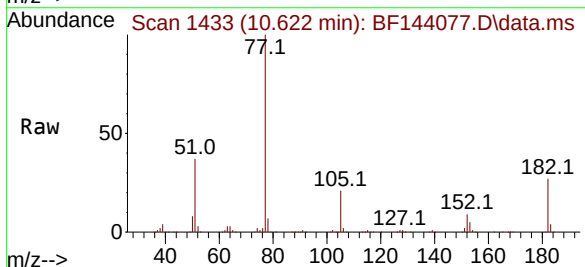
Manual Integrations
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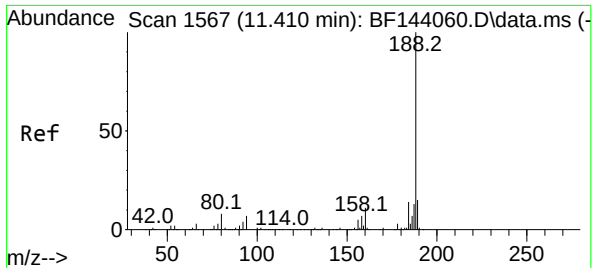
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#63
Azobenzene
Concen: 47.262 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

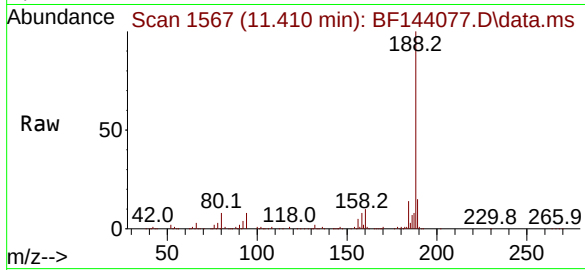
Tgt Ion: 77 Resp: 402347
Ion Ratio Lower Upper
77 100
182 26.9 9.0 49.0
105 21.1 1.4 41.4
51 36.6 16.9 56.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

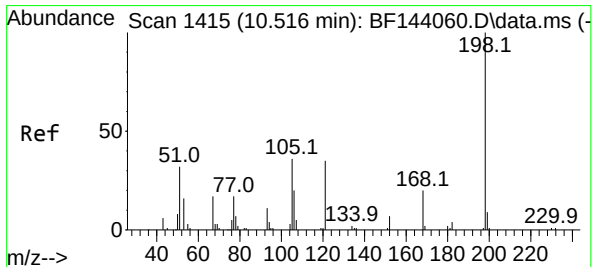
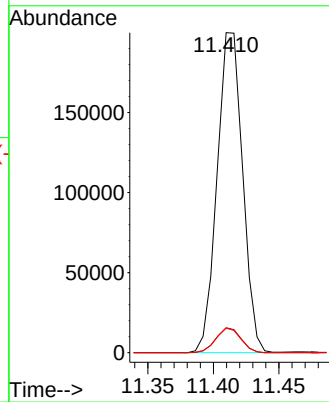
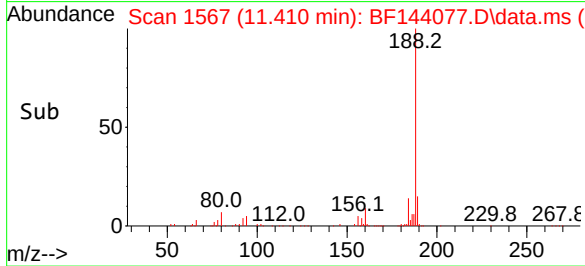
Instrument :
BNA_F
ClientSampleId :
PB170210BS



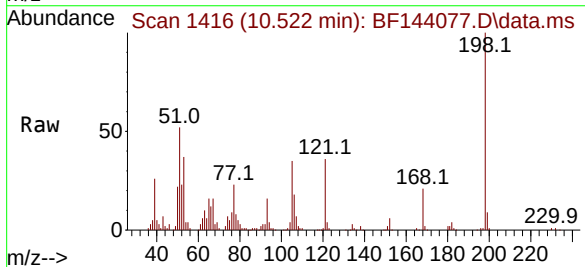
Tgt Ion:188 Resp: 270812
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.0
80 7.6 6.0 9.0

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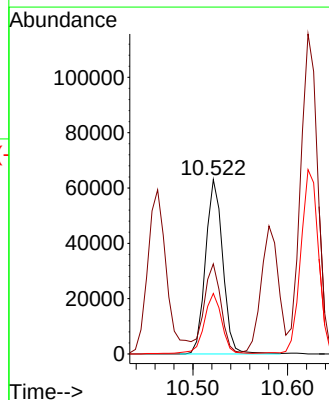
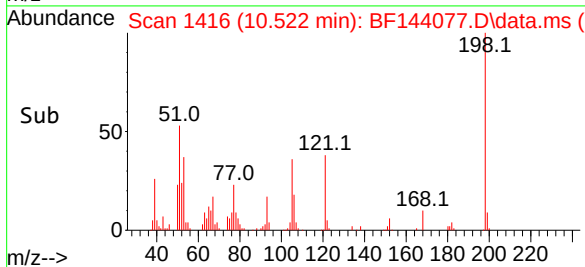
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

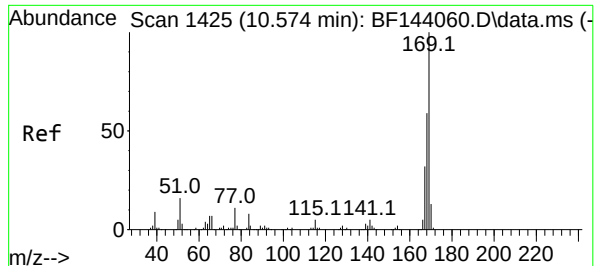


#65
4,6-Dinitro-2-methylphenol
Concen: 45.919 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



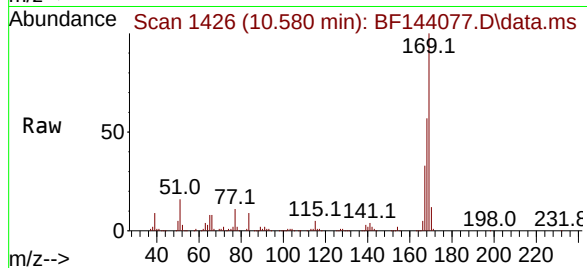
Tgt Ion:198 Resp: 79784
Ion Ratio Lower Upper
198 100
51 51.6 25.8 65.8
105 34.6 17.2 57.2





#66
n-Nitrosodiphenylamine
Concen: 43.507 ng
RT: 10.580 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

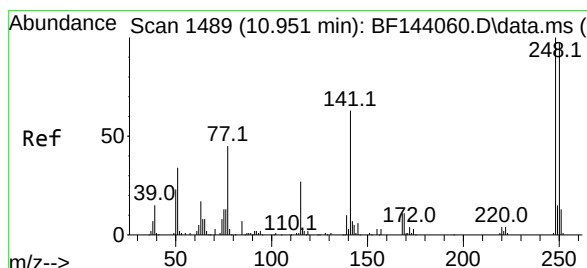
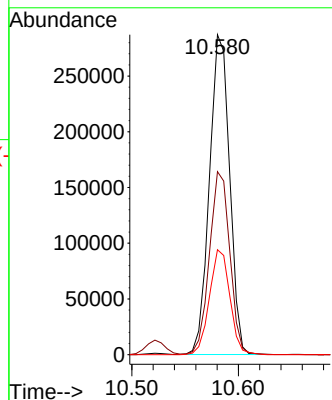
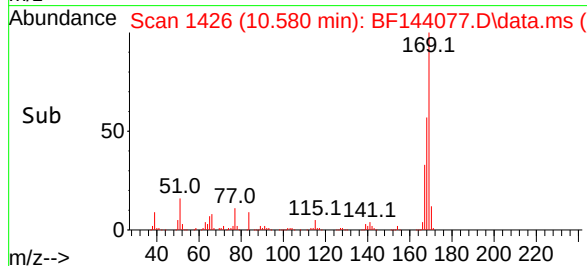
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:169 Resp: 376450
Ion Ratio Lower Upper
169 100
168 57.2 47.4 71.2
167 32.8 25.5 38.3

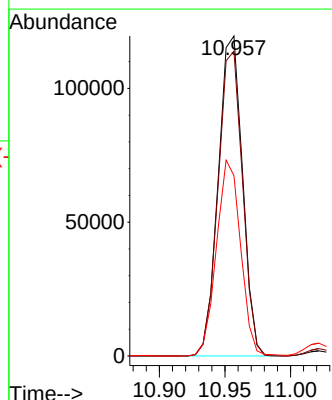
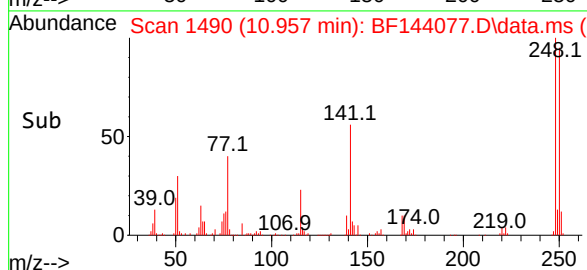
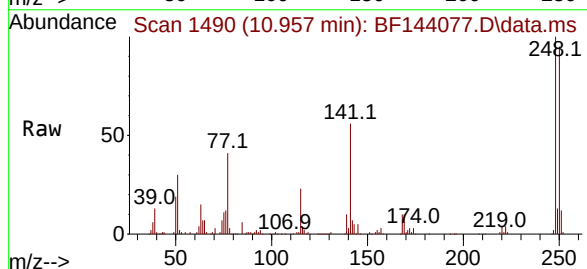
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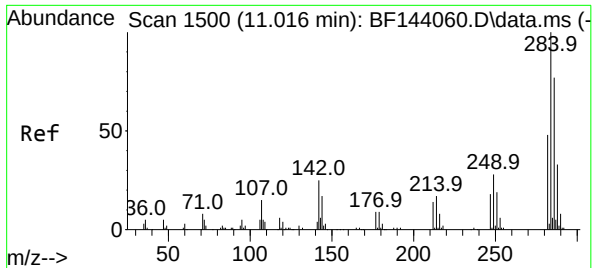
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#67
4-Bromophenyl-phenylether
Concen: 45.361 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:248 Resp: 153807
Ion Ratio Lower Upper
248 100
250 95.3 77.8 116.6
141 56.4 50.5 75.7





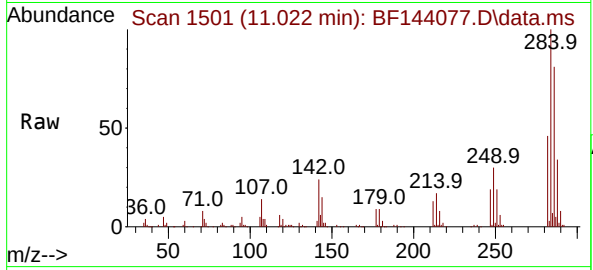
#68
Hexachlorobenzene
Concen: 43.588 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



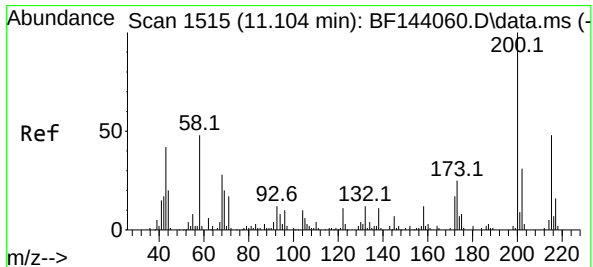
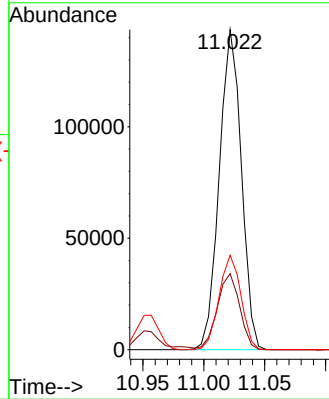
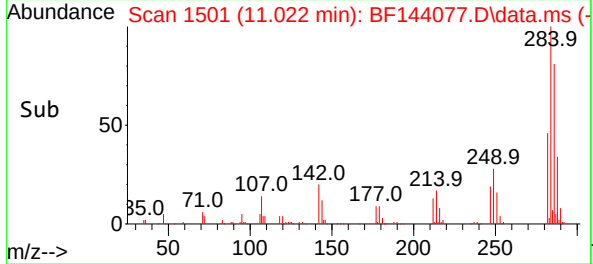
Tgt Ion:284 Resp: 181258
Ion Ratio Lower Upper
284 100
142 23.8 20.0 30.0
249 29.5 22.2 33.2

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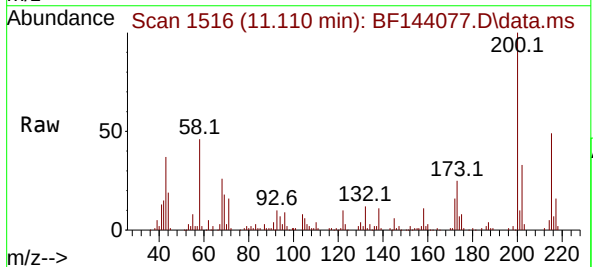
APPROVED

Reviewed By :Rahul Chavli 10/28/2025

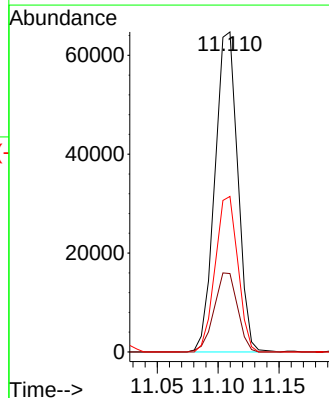
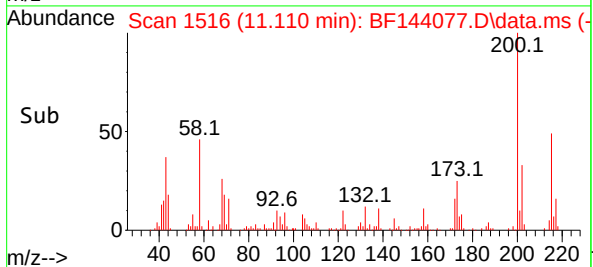
Supervised By :Jagrut Upadhyay 10/28/2025

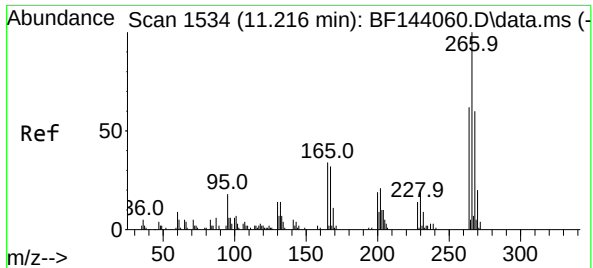


#69
Atrazine
Concen: 29.818 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



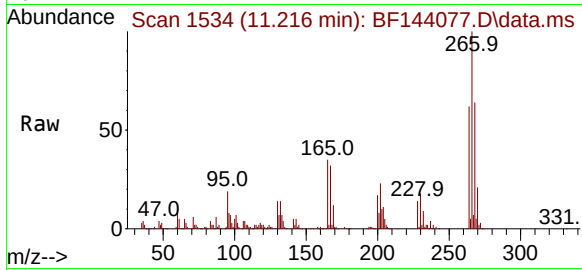
Tgt Ion:200 Resp: 84663
Ion Ratio Lower Upper
200 100
173 24.5 4.9 44.9
215 48.6 28.2 68.2





#70
Pentachlorophenol
Concen: 90.147 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

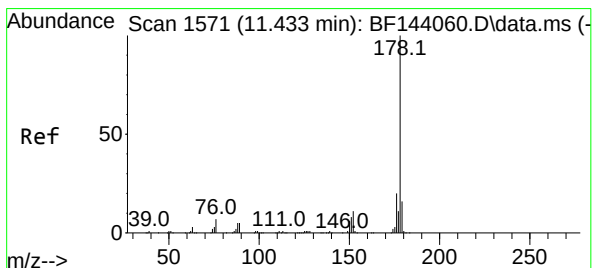
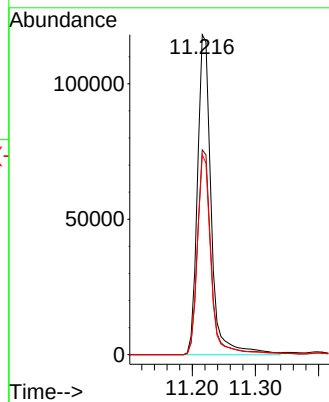
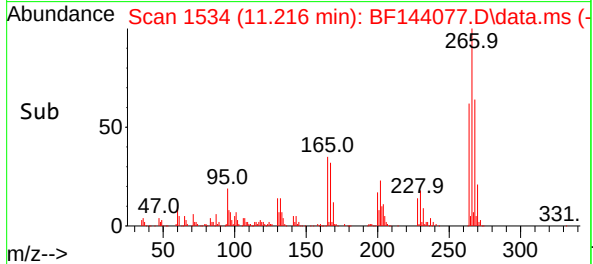
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:266 Resp: 178439
Ion Ratio Lower Upper
266 100
268 64.0 48.2 72.4
264 62.4 49.4 74.0

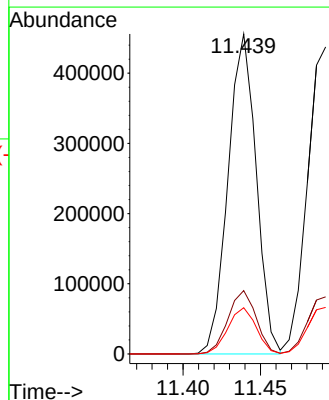
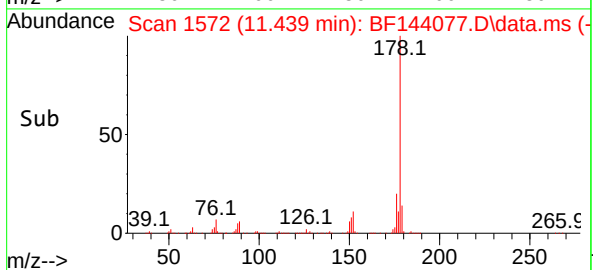
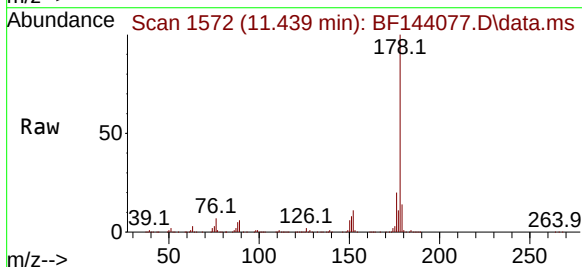
Manual Integrations
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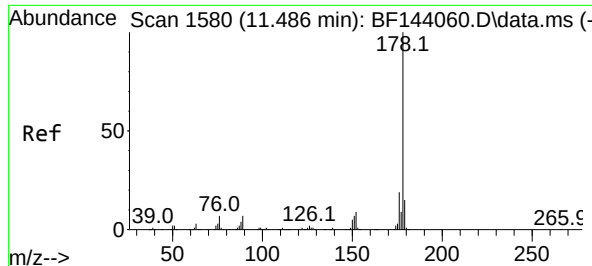
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#71
Phenanthrene
Concen: 42.899 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

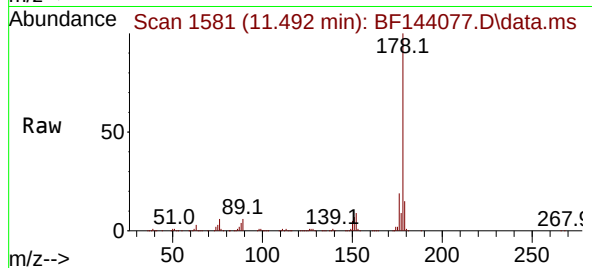
Tgt Ion:178 Resp: 577108
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 14.4 12.6 18.8





#72
Anthracene
Concen: 41.281 ng
RT: 11.492 min Scan# 11492
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

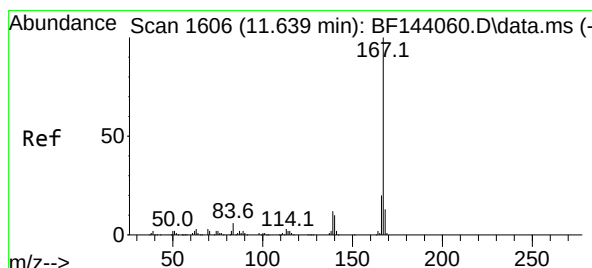
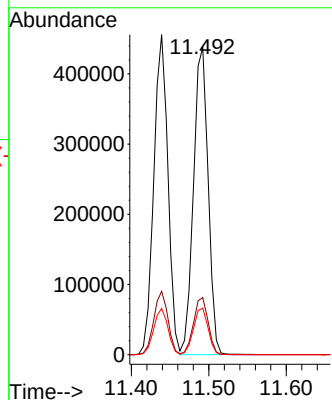
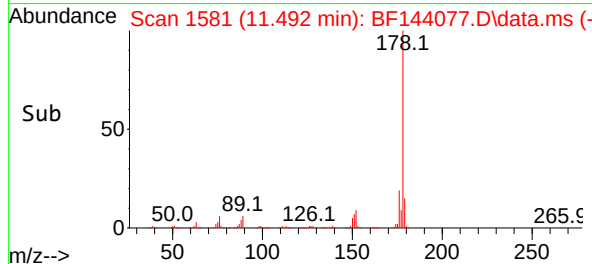
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:178 Resp: 573680
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.1 11.8 17.6

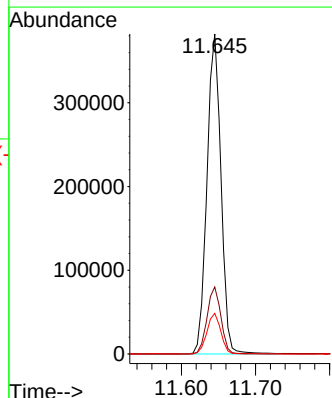
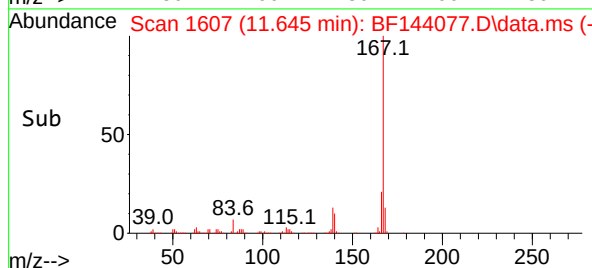
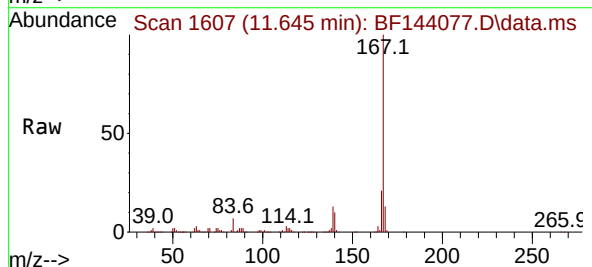
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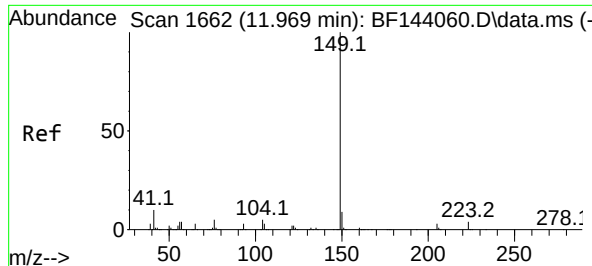
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#73
Carbazole
Concen: 42.357 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

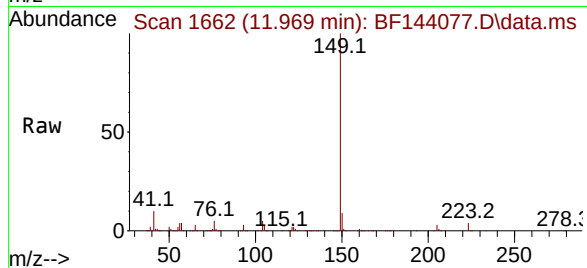
Tgt Ion:167 Resp: 501022
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 12.7 9.8 14.6





#74
Di-n-butylphthalate
Concen: 41.876 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

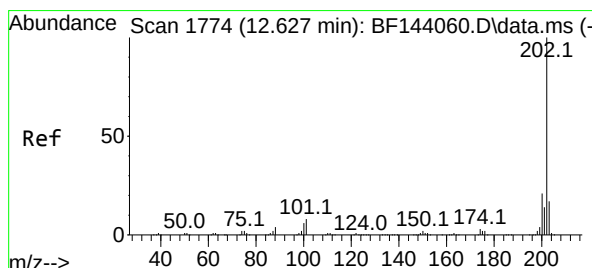
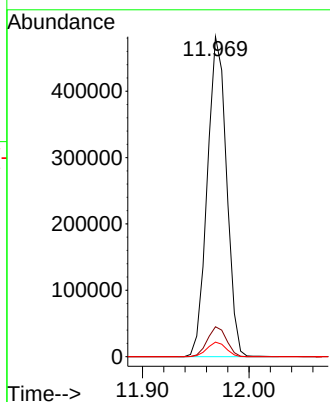
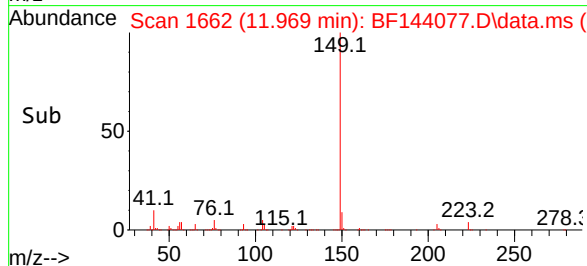
Instrument :
BNA_F
ClientSampleId :
PB170210BS



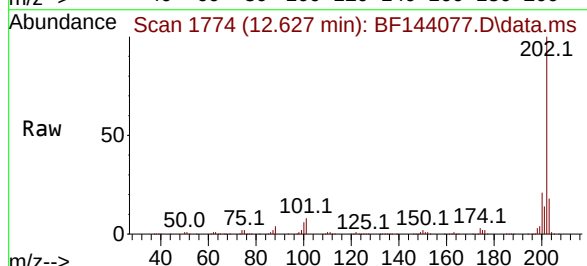
Tgt Ion:149 Resp: 607300
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.5 3.6 5.4

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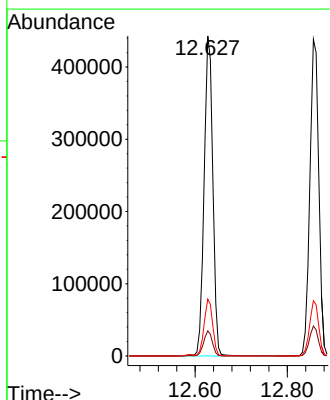
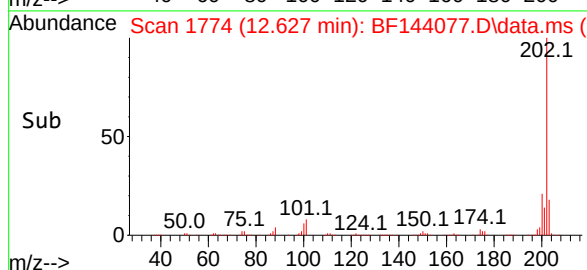
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

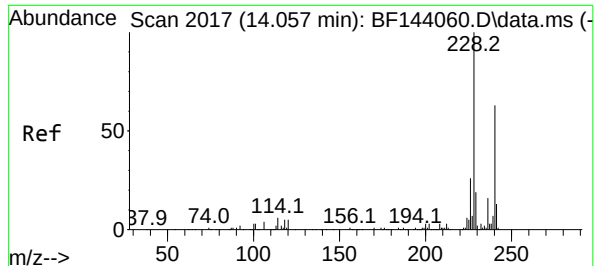


#75
Fluoranthene
Concen: 39.483 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56



Tgt Ion:202 Resp: 586828
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 17.8 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144077.D

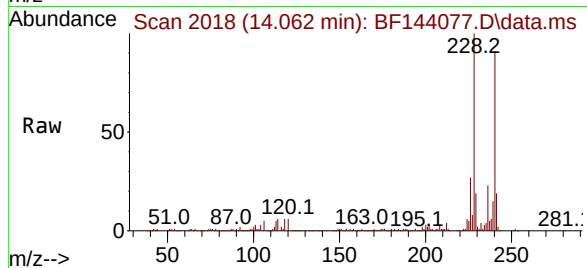
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:240 Resp: 145792

Ion Ratio Lower Upper

240 100

120 6.8 6.5 9.7

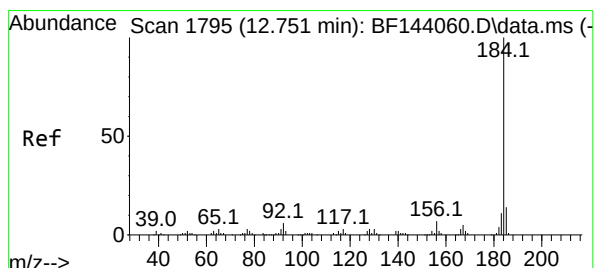
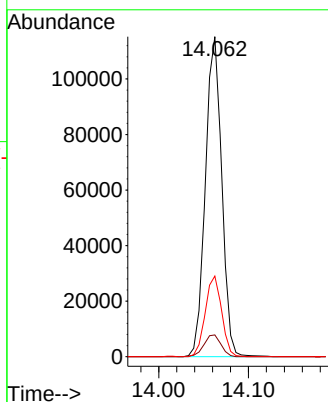
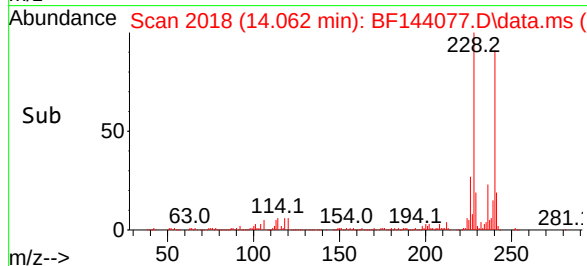
236 25.2 20.1 30.1

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#77

Benzidine

Concen: 8.249 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

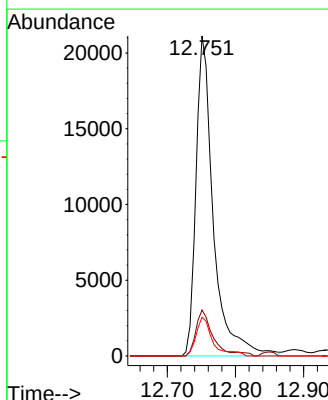
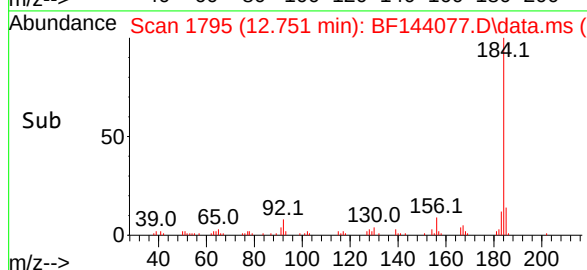
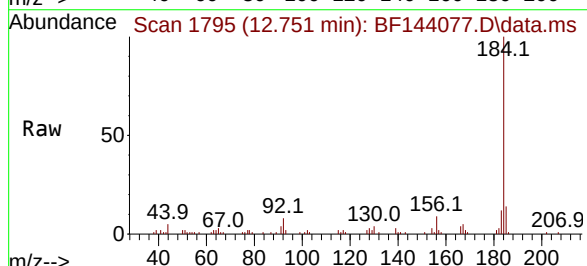
Tgt Ion:184 Resp: 37428

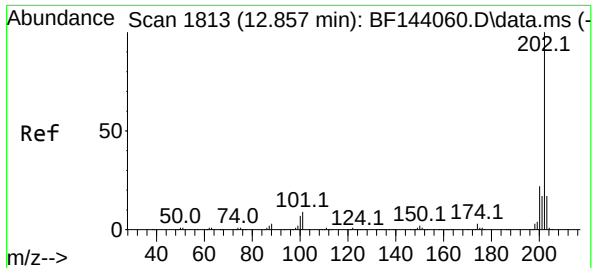
Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

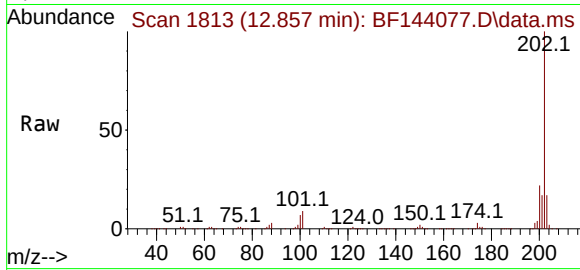
183 12.1 8.5 12.7





#78
Pyrene
Concen: 56.091 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

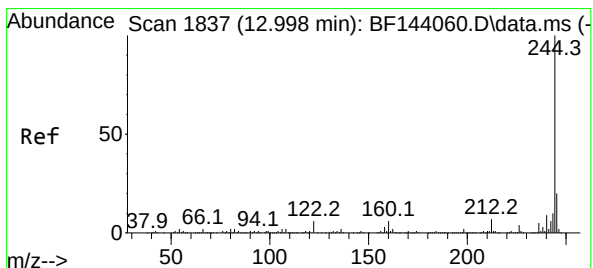
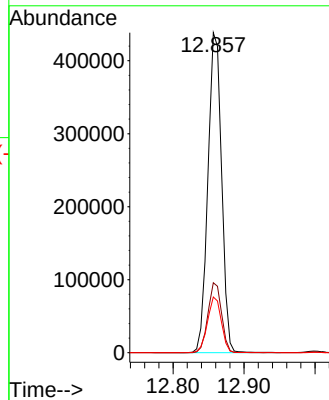
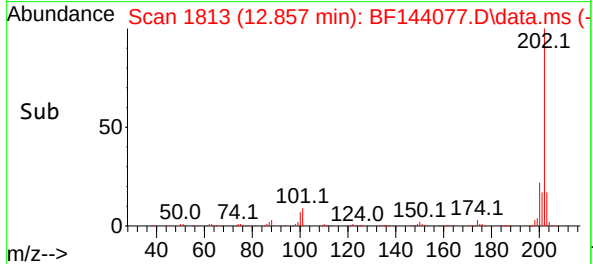
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:202 Resp: 587919
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.4 13.5 20.3

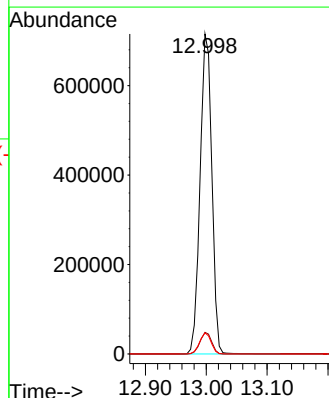
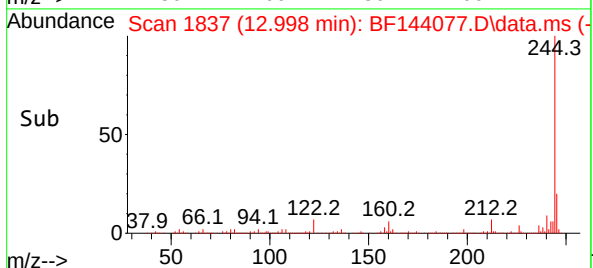
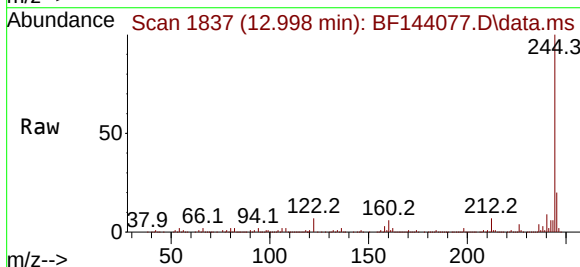
Manual Integrations
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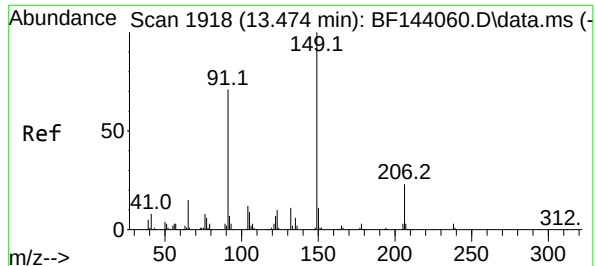
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#79
Terphenyl-d14
Concen: 114.609 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:244 Resp: 955776
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 6.6 4.9 7.3





#80

Butylbenzylphthalate

Concen: 50.388 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:149 Resp: 19980

Ion Ratio Lower Upper

149 100

91 69.9 56.6 84.8

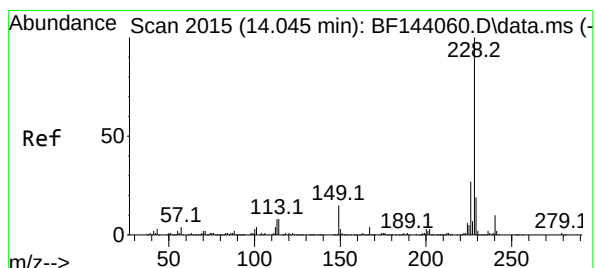
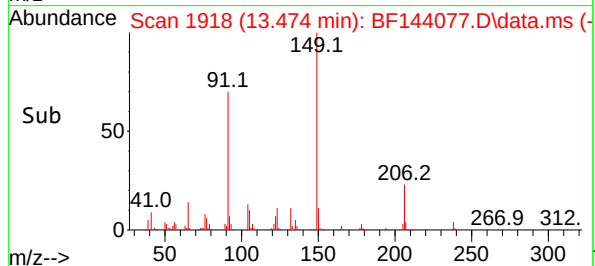
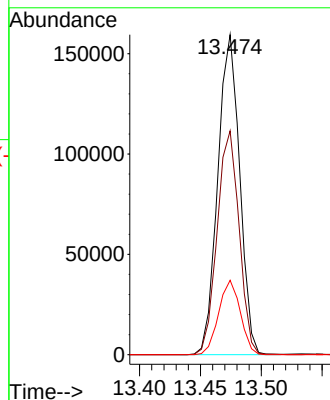
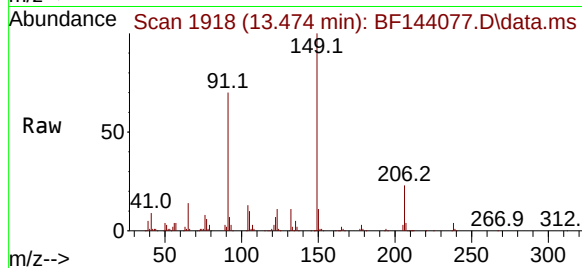
206 23.3 18.3 27.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#81

Benzo(a)anthracene

Concen: 48.435 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

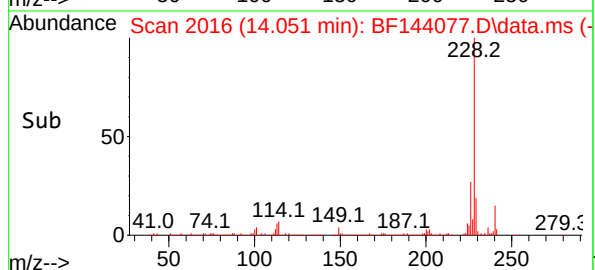
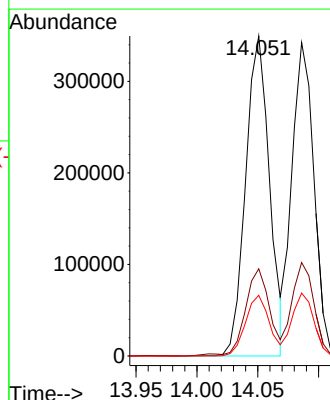
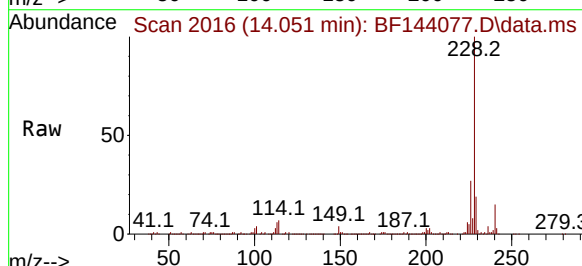
Tgt Ion:228 Resp: 477212

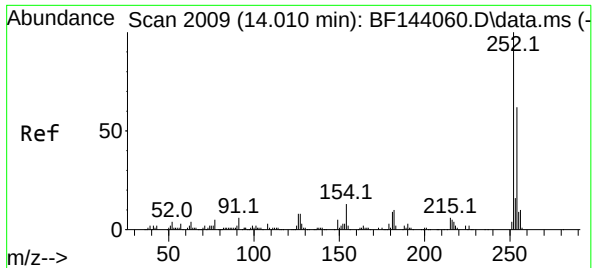
Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

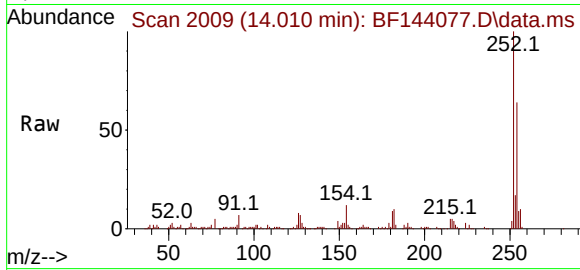
229 19.0 15.3 22.9





#82
3,3'-Dichlorobenzidine
Concen: 44.094 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

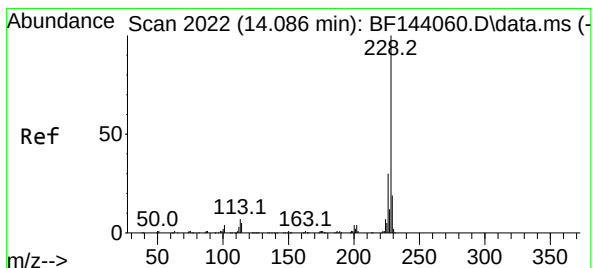
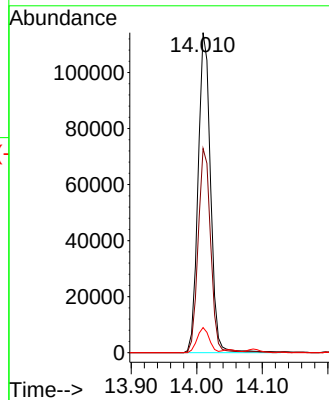
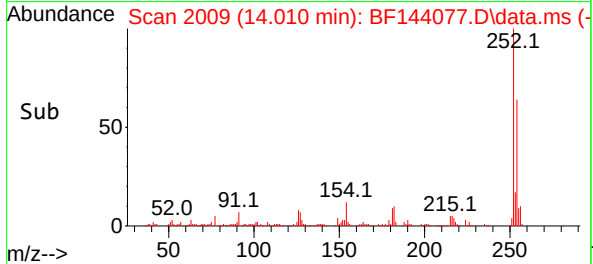
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:252 Resp: 15123
Ion Ratio Lower Upper
252 100
254 63.8 49.9 74.9
126 7.9 6.5 9.7

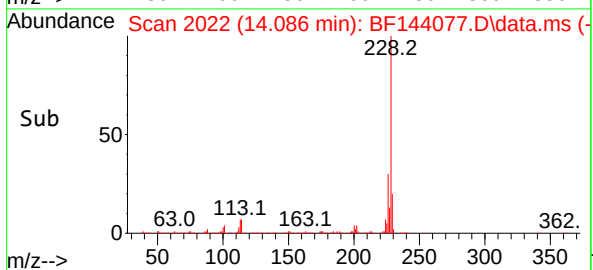
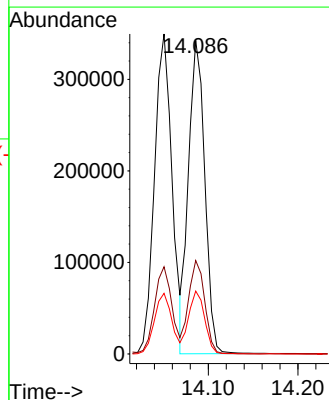
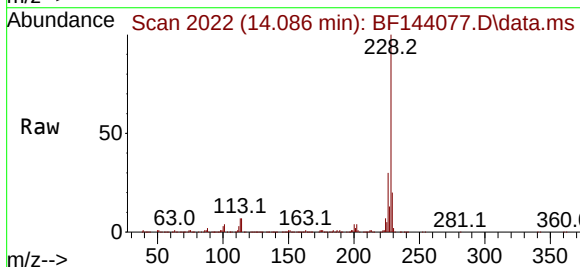
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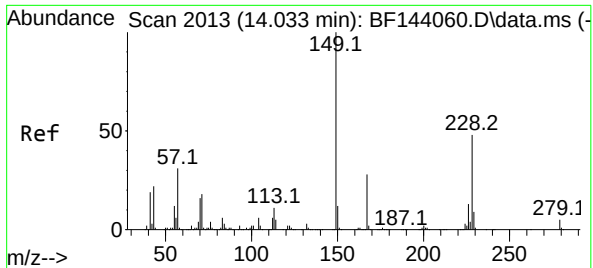
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#83
Chrysene
Concen: 46.732 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

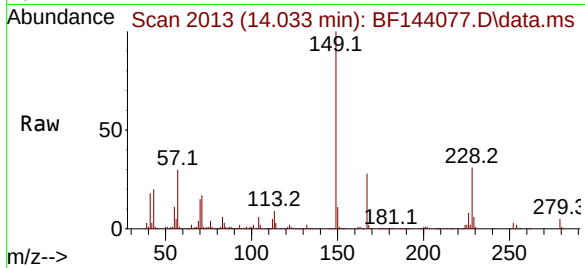
Tgt Ion:228 Resp: 432073
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 20.1 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 46.400 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

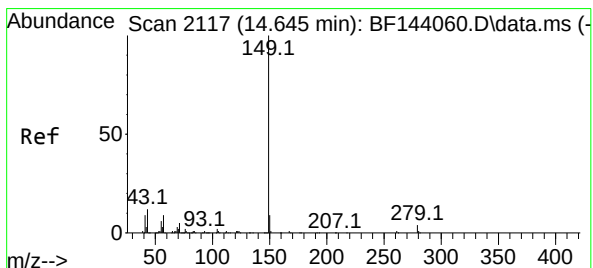
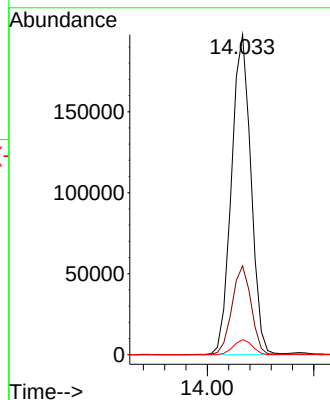
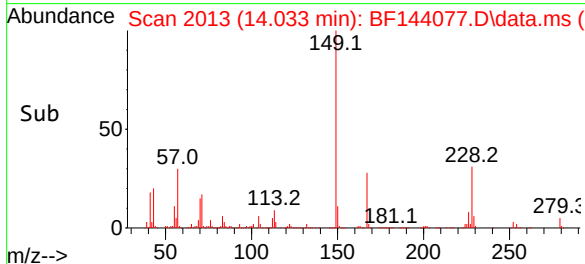
Instrument :
BNA_F
ClientSampleId :
PB170210BS



Tgt Ion:149 Resp: 251180
Ion Ratio Lower Upper
149 100
167 27.7 22.5 33.7
279 4.7 3.6 5.4

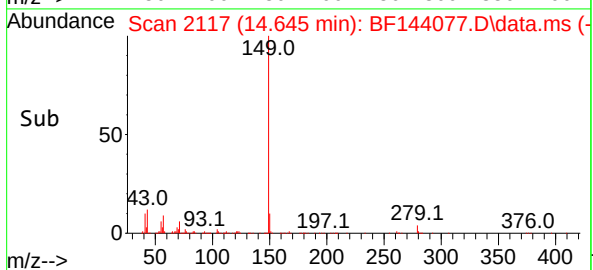
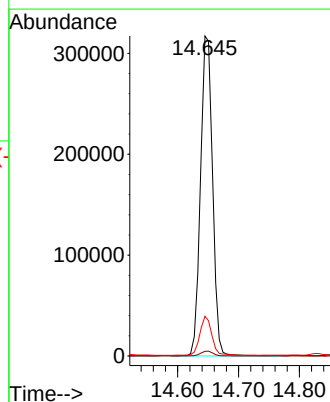
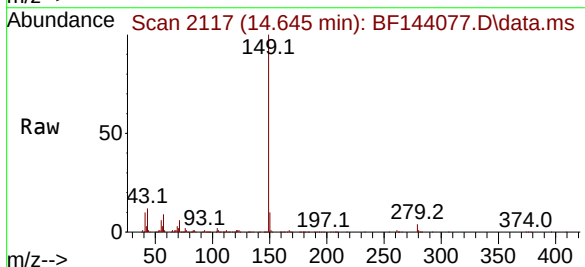
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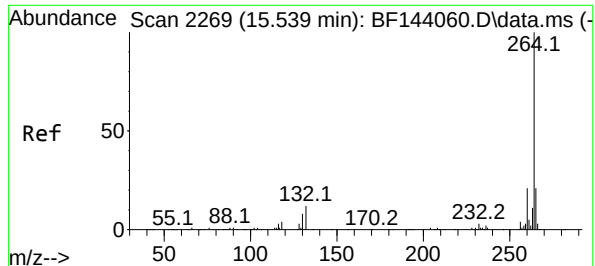
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#85
Di-n-octyl phthalate
Concen: 46.741 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144077.D
Acq: 27 Oct 2025 11:56

Tgt Ion:149 Resp: 435137
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.2 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144077.D

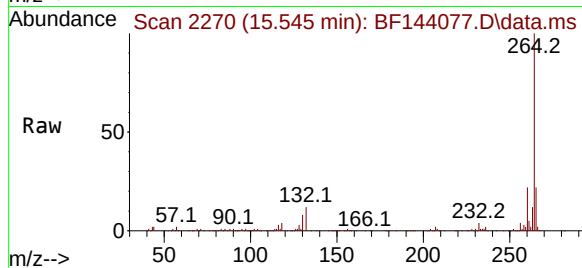
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:264 Resp: 18006

Ion Ratio Lower Upper

264 100

260 21.9 17.0 25.4

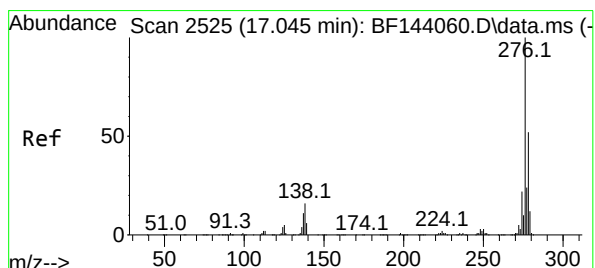
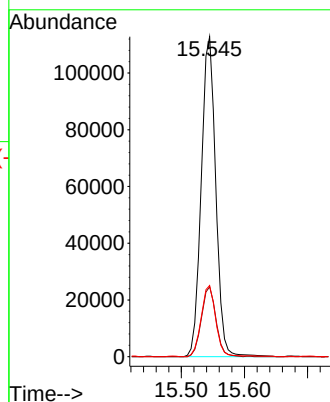
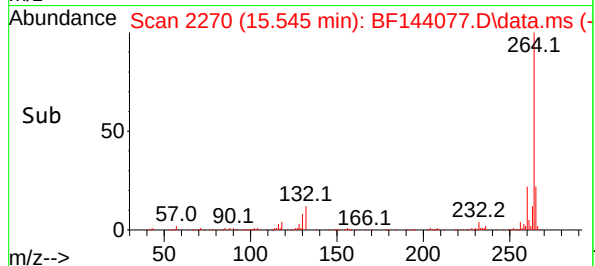
265 22.2 16.6 24.8

Manual Integrations

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#87

Indeno(1,2,3-cd)pyrene

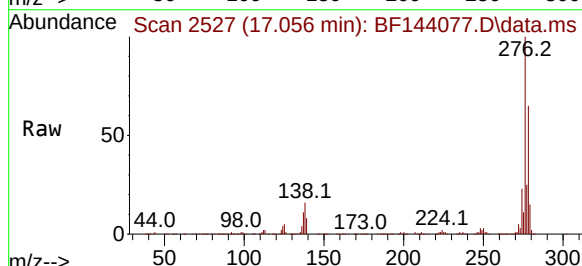
Concen: 51.134 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.012 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56



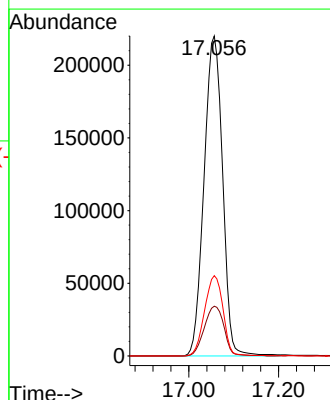
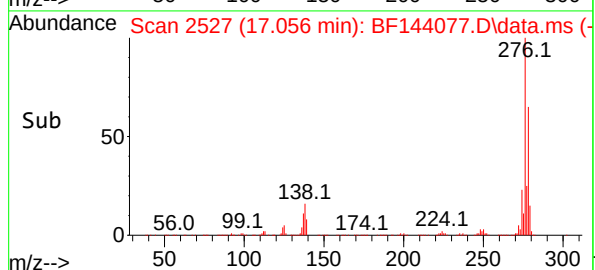
Tgt Ion:276 Resp: 632133

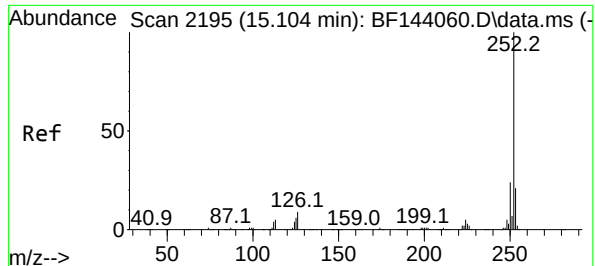
Ion Ratio Lower Upper

276 100

138 16.6 13.0 19.6

277 25.1 19.4 29.0





#88

Benzo(b)fluoranthene

Concen: 56.579 ng

RT: 15.109 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:252 Resp: 575949

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

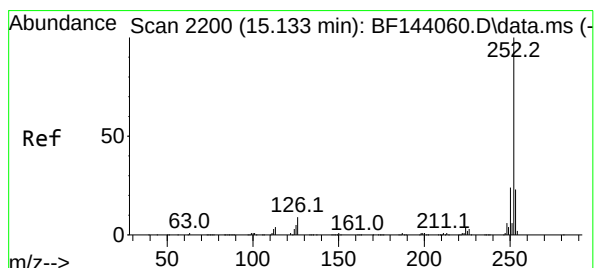
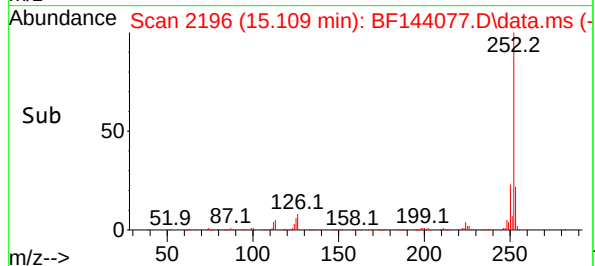
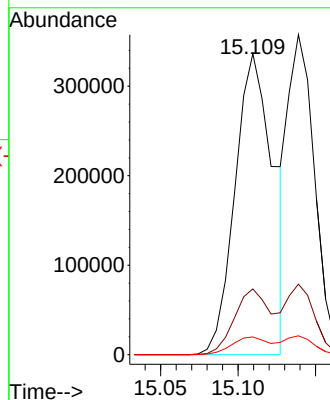
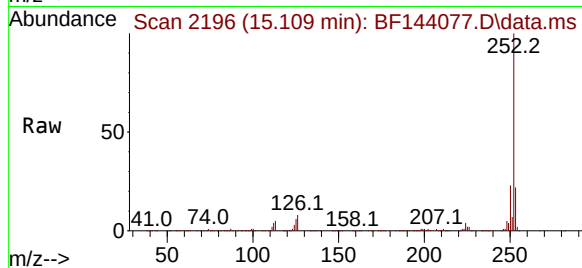
125 5.9 5.0 7.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/28/2025



#89

Benzo(k)fluoranthene

Concen: 46.164 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

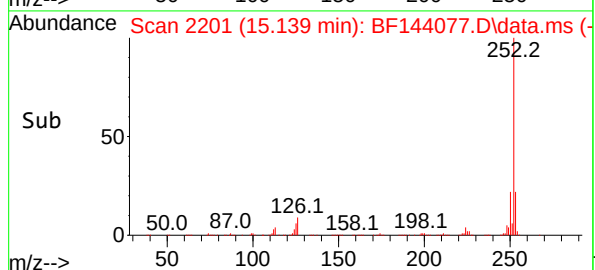
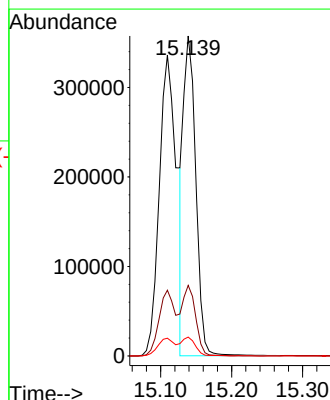
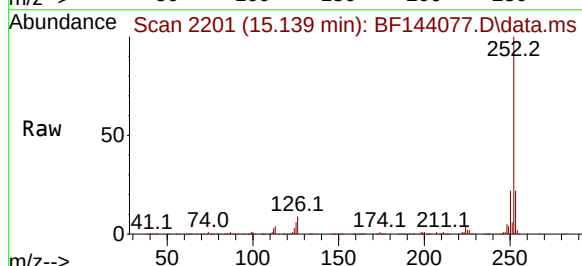
Tgt Ion:252 Resp: 433568

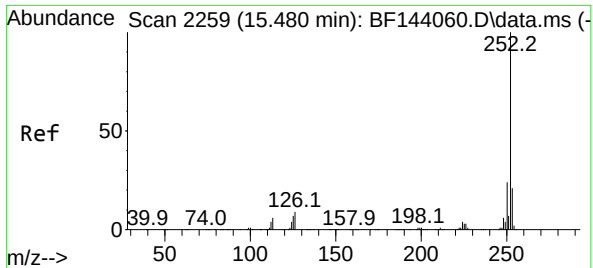
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 5.9 4.9 7.3





#90

Benzo(a)pyrene

Concen: 49.843 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS

Tgt Ion:252 Resp: 455184

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

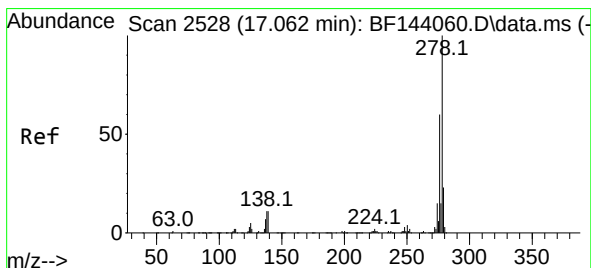
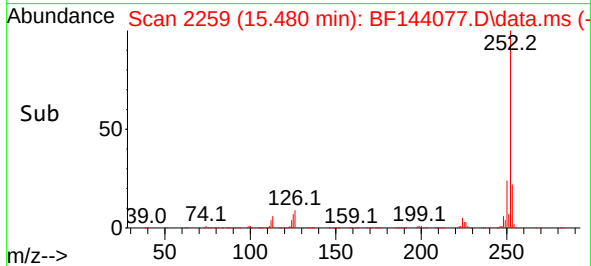
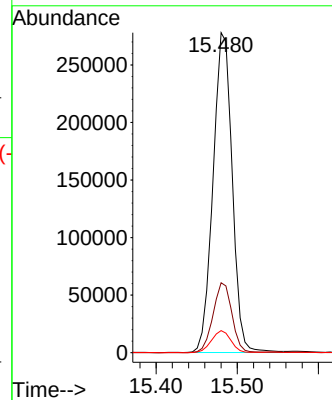
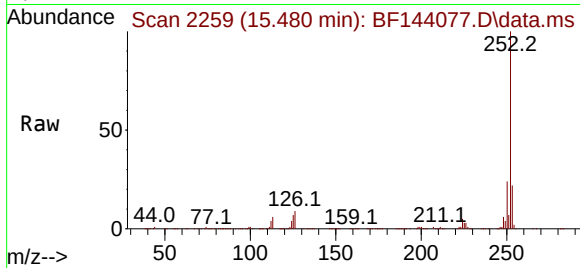
125 6.9 5.4 8.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#91

Dibenzo(a,h)anthracene

Concen: 53.584 ng

RT: 17.068 min Scan# 2529

Delta R.T. 0.006 min

Lab File: BF144077.D

Acq: 27 Oct 2025 11:56

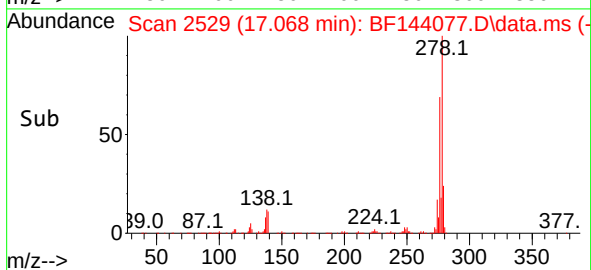
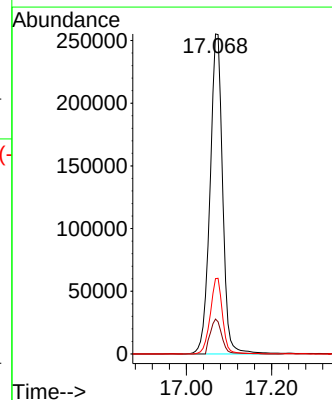
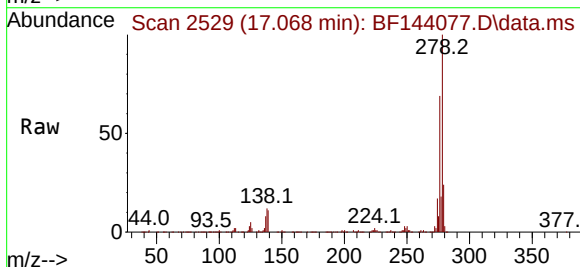
Tgt Ion:278 Resp: 524352

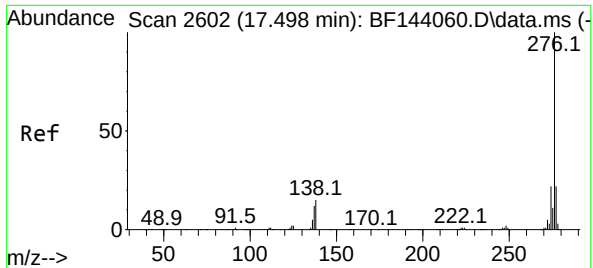
Ion Ratio Lower Upper

278 100

139 10.9 8.5 12.7

279 23.6 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 55.087 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF144077.D

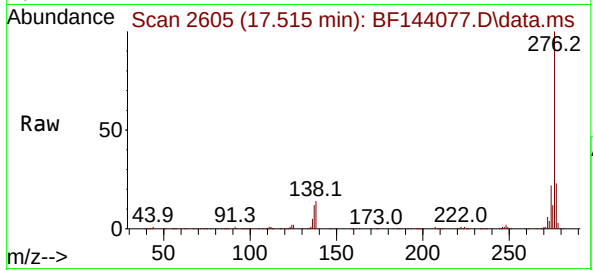
Acq: 27 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

PB170210BS



Tgt Ion:276 Resp: 54197

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

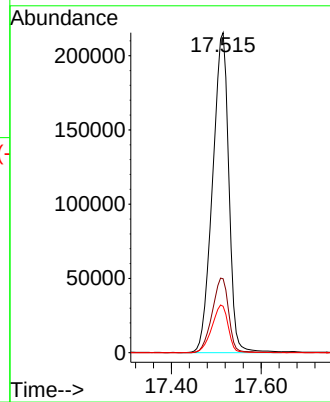
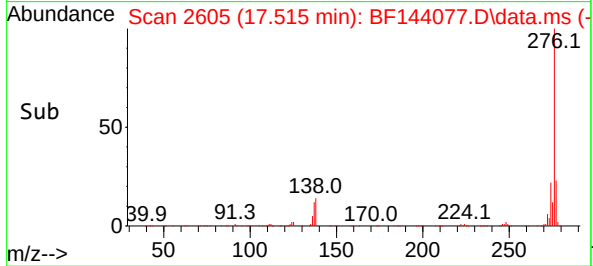
138 14.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



Report of Analysis

Client: Ardmore Chemical	Date Collected: 10/17/25	
Project: PVSC Monthly 2025	Date Received: 10/17/25	
Client Sample ID: EFF-WWMS	SDG No.: Q3385	
Lab Sample ID: Q3385-05MS	Matrix: Water	
Analytical Method: 625.1	% Solid: 0	
Sample Wt/Vol: 990 mL	Test: SVOCMS Group1	
Prep Method : 3510C		
Level : LOW		
Final Vol: 1000 uL		
Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	29.0		1	0.87	10.1	ug/L	10/27/25 13:34	PB170210
108-95-2	Phenol	21.3		1	0.92	5.10	ug/L	10/27/25 13:34	PB170210
111-44-4	bis(2-Chloroethyl)ether	45.0		1	0.82	5.10	ug/L	10/27/25 13:34	PB170210
95-57-8	2-Chlorophenol	39.5		1	0.59	5.10	ug/L	10/27/25 13:34	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	42.9		1	1.30	5.10	ug/L	10/27/25 13:34	PB170210
621-64-7	n-Nitroso-di-n-propylamine	46.3		1	1.40	5.10	ug/L	10/27/25 13:34	PB170210
67-72-1	Hexachloroethane	36.9		1	0.66	5.10	ug/L	10/27/25 13:34	PB170210
98-95-3	Nitrobenzene	46.0		1	0.77	5.10	ug/L	10/27/25 13:34	PB170210
78-59-1	Isophorone	47.6		1	0.76	5.10	ug/L	10/27/25 13:34	PB170210
88-75-5	2-Nitrophenol	45.5		1	1.80	5.10	ug/L	10/27/25 13:34	PB170210
105-67-9	2,4-Dimethylphenol	48.0		1	1.90	5.10	ug/L	10/27/25 13:34	PB170210
111-91-1	bis(2-Chloroethoxy)methane	46.5		1	0.69	5.10	ug/L	10/27/25 13:34	PB170210
120-83-2	2,4-Dichlorophenol	42.8		1	0.53	5.10	ug/L	10/27/25 13:34	PB170210
120-82-1	1,2,4-Trichlorobenzene	43.8		1	0.55	5.10	ug/L	10/27/25 13:34	PB170210
91-20-3	Naphthalene	43.5		1	0.51	5.10	ug/L	10/27/25 13:34	PB170210
87-68-3	Hexachlorobutadiene	40.6		1	0.55	5.10	ug/L	10/27/25 13:34	PB170210
59-50-7	4-Chloro-3-methylphenol	42.6		1	0.60	5.10	ug/L	10/27/25 13:34	PB170210
77-47-4	Hexachlorocyclopentadiene	130	E	1	3.70	10.1	ug/L	10/27/25 13:34	PB170210
88-06-2	2,4,6-Trichlorophenol	48.2		1	0.52	5.10	ug/L	10/27/25 13:34	PB170210
91-58-7	2-Chloronaphthalene	48.1		1	0.62	5.10	ug/L	10/27/25 13:34	PB170210
131-11-3	Dimethylphthalate	49.0		1	0.62	5.10	ug/L	10/27/25 13:34	PB170210
208-96-8	Acenaphthylene	53.1		1	0.76	5.10	ug/L	10/27/25 13:34	PB170210
606-20-2	2,6-Dinitrotoluene	52.2		1	0.93	5.10	ug/L	10/27/25 13:34	PB170210
83-32-9	Acenaphthene	49.5		1	0.56	5.10	ug/L	10/27/25 13:34	PB170210
51-28-5	2,4-Dinitrophenol	88.6	E	1	6.00	10.1	ug/L	10/27/25 13:34	PB170210
100-02-7	4-Nitrophenol	45.4		1	2.40	10.1	ug/L	10/27/25 13:34	PB170210
121-14-2	2,4-Dinitrotoluene	52.1		1	1.20	5.10	ug/L	10/27/25 13:34	PB170210
84-66-2	Diethylphthalate	47.5		1	0.70	5.10	ug/L	10/27/25 13:34	PB170210
7005-72-3	4-Chlorophenyl-phenylether	46.7		1	0.69	5.10	ug/L	10/27/25 13:34	PB170210
86-73-7	Fluorene	47.4		1	0.64	5.10	ug/L	10/27/25 13:34	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	48.6		1	2.90	10.1	ug/L	10/27/25 13:34	PB170210
86-30-6	n-Nitrosodiphenylamine	50.6		1	0.59	5.10	ug/L	10/27/25 13:34	PB170210
103-33-3	Azobenzene	49.9		1	0.82	5.10	ug/L	10/27/25 13:34	PB170210
101-55-3	4-Bromophenyl-phenylether	36.4		1	0.40	5.10	ug/L	10/27/25 13:34	PB170210
118-74-1	Hexachlorobenzene	40.8		1	0.53	5.10	ug/L	10/27/25 13:34	PB170210
87-86-5	Pentachlorophenol	95.6	E	1	1.60	10.1	ug/L	10/27/25 13:34	PB170210
85-01-8	Phenanthrene	47.3		1	0.51	5.10	ug/L	10/27/25 13:34	PB170210
120-12-7	Anthracene	47.6		1	0.62	5.10	ug/L	10/27/25 13:34	PB170210
84-74-2	Di-n-butylphthalate	46.3		1	1.20	5.10	ug/L	10/27/25 13:34	PB170210
206-44-0	Fluoranthene	47.4		1	0.83	5.10	ug/L	10/27/25 13:34	PB170210
92-87-5	Benzidine	11.8		1	4.30	10.1	ug/L	10/27/25 13:34	PB170210
129-00-0	Pyrene	31.8		1	0.51	5.10	ug/L	10/27/25 13:34	PB170210

Report of Analysis

Client: Ardmore Chemical	Date Collected: 10/17/25	
Project: PVSC Monthly 2025	Date Received: 10/17/25	
Client Sample ID: EFF-WWMS	SDG No.: Q3385	
Lab Sample ID: Q3385-05MS	Matrix: Water	
Analytical Method: 625.1	% Solid: 0	
Sample Wt/Vol: 990 mL	Test: SVOCMS Group1	
Prep Method : 3510C		
Level : LOW		
Final Vol: 1000 uL		
Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	46.8		1	1.90	5.10	ug/L	10/27/25 13:34	PB170210
91-94-1	3,3-Dichlorobenzidine	29.3		1	0.94	10.1	ug/L	10/27/25 13:34	PB170210
56-55-3	Benzo(a)anthracene	49.4		1	0.45	5.10	ug/L	10/27/25 13:34	PB170210
218-01-9	Chrysene	49.4		1	0.44	5.10	ug/L	10/27/25 13:34	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	64.6		1	1.60	5.10	ug/L	10/27/25 13:34	PB170210
117-84-0	Di-n-octyl phthalate	53.7		1	2.40	10.1	ug/L	10/27/25 13:34	PB170210
205-99-2	Benzo(b)fluoranthene	47.6		1	0.49	5.10	ug/L	10/27/25 13:34	PB170210
207-08-9	Benzo(k)fluoranthene	48.7		1	0.48	5.10	ug/L	10/27/25 13:34	PB170210
50-32-8	Benzo(a)pyrene	50.7		1	0.56	5.10	ug/L	10/27/25 13:34	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	49.3		1	0.60	5.10	ug/L	10/27/25 13:34	PB170210
53-70-3	Dibenzo(a,h)anthracene	49.4		1	0.68	5.10	ug/L	10/27/25 13:34	PB170210
191-24-2	Benzo(g,h,i)perylene	50.2		1	0.70	5.10	ug/L	10/27/25 13:34	PB170210

SURROGATES

367-12-4	2-Fluorophenol	58.5	*		60 - 140	59%	SPK: 100
13127-88-3	Phenol-d6	41.6	*		60 - 140	42%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.3			60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.0			60 - 140	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.5			60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	84.1			60 - 140	84%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	49000
1146-65-2	Naphthalene-d8	174000
15067-26-2	Acenaphthene-d10	86500
1517-22-2	Phenanthrene-d10	138000
1719-03-5	Chrysene-d12	119000
1520-96-3	Perylene-d12	166000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144080.D
 Acq On : 27 Oct 2025 13:34
 Operator : RC/JU
 Sample : Q3385-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

Quant Time: Oct 27 14:02:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	48975	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	173973	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	86535	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	138271	20.000	ng	0.00
76) Chrysene-d12	14.063	240	119266	20.000	ng	0.00
86) Perylene-d12	15.545	264	165835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	181169	58.526	ng	0.00
7) Phenol-d6	6.504	99	142070	41.557	ng	0.00
23) Nitrobenzene-d5	7.440	82	296309	93.313	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95341	86.494	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	559903	91.050	ng	0.00
79) Terphenyl-d14	12.998	244	573867	84.118	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	34791	26.009	ng	99
3) Pyridine	3.440	79	74771	20.879	ng	96
4) n-Nitrosodimethylamine	3.375	42	63084	28.668	ng	97
6) Aniline	6.540	93	88460	18.087	ng	97
8) 2-Chlorophenol	6.663	128	119346	39.149	ng	99
10) Phenol	6.516	94	88846	21.065	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	135670	44.516	ng	98
12) 1,3-Dichlorobenzene	6.822	146	140767	37.433	ng	97
13) 1,4-Dichlorobenzene	6.898	146	143902	38.829	ng	97
14) 1,2-Dichlorobenzene	7.051	146	136919	38.183	ng	99
15) Benzyl Alcohol	7.022	79	106013	38.137	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	243501	42.511	ng	97
17) 2-Methylphenol	7.134	107	82069	35.003	ng	98
18) Hexachloroethane	7.393	117	48402	36.531	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	101405	45.869	ng	97
20) 3+4-Methylphenols	7.281	107	94237	33.999	ng	# 69
22) Acetophenone	7.287	105	200237	53.258	ng	94
24) Nitrobenzene	7.463	77	152986	45.543	ng	99
25) Isophorone	7.698	82	261760	47.150	ng	100
26) 2-Nitrophenol	7.775	139	71936	45.016	ng	99
27) 2,4-Dimethylphenol	7.810	122	112868	47.529	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	159497	46.069	ng	97
29) 2,4-Dichlorophenol	8.022	162	117125	42.412	ng	96
30) 1,2,4-Trichlorobenzene	8.104	180	123315	43.404	ng	99
31) Naphthalene	8.187	128	353624	43.067	ng	99
32) Benzoic acid	7.934	122	88413	58.695	ng	# 86
33) 4-Chloroaniline	8.234	127	45421	15.890	ng	96
34) Hexachlorobutadiene	8.298	225	93289	40.157	ng	97
35) Caprolactam	8.587	113	9262	13.374	ng	# 78
36) 4-Chloro-3-methylphenol	8.710	107	102864	42.208	ng	94
37) 2-Methylnaphthalene	8.875	142	221101	40.842	ng	97
38) 1-Methylnaphthalene	8.975	142	221036	43.096	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	150315	50.542	ng	99
41) Hexachlorocyclopentadiene	9.028	237	115058	125.257	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	92163	47.676	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	95638	47.140	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144080.D
 Acq On : 27 Oct 2025 13:34
 Operator : RC/JU
 Sample : Q3385-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

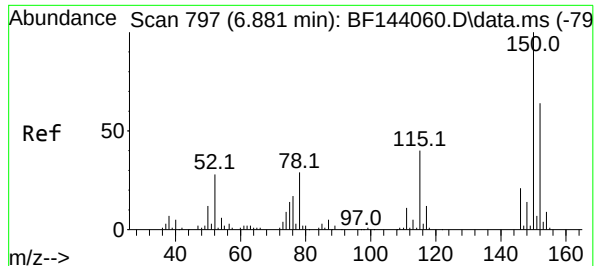
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	319119	51.516	ng	99
47) 2-Chloronaphthalene	9.363	162	247362	47.664	ng	97
48) 2-Nitroaniline	9.463	65	74906	48.607	ng	96
49) Acenaphthylene	9.781	152	367620	52.536	ng	99
50) Dimethylphthalate	9.639	163	275121	48.503	ng	100
51) 2,6-Dinitrotoluene	9.704	165	57929	51.660	ng	90
52) Acenaphthene	9.951	154	228917	48.985	ng	98
53) 3-Nitroaniline	9.869	138	31289	25.097	ng	98
54) 2,4-Dinitrophenol	9.981	184	53177	87.680	ng	99
55) Dibenzofuran	10.128	168	304441	46.925	ng	98
56) 4-Nitrophenol	10.051	139	37976	44.983	ng	98
57) 2,4-Dinitrotoluene	10.104	165	78063	51.581	ng	98
58) Fluorene	10.469	166	232000	46.932	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	69758	48.794	ng	99
60) Diethylphthalate	10.334	149	250658	46.990	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	128399	46.187	ng	98
62) 4-Nitroaniline	10.486	138	50820	43.021	ng	96
63) Azobenzene	10.622	77	249492	49.416	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	42686	48.117	ng	96
66) n-Nitrosodiphenylamine	10.581	169	221176	50.065	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	62404	36.046	ng	# 82
68) Hexachlorobenzene	11.022	284	85664	40.346	ng	# 89
69) Atrazine	11.110	200	41676	28.748	ng	97
70) Pentachlorophenol	11.228	266	95662	94.653	ng	99
71) Phenanthrene	11.439	178	321362	46.787	ng	99
72) Anthracene	11.492	178	334471	47.139	ng	99
73) Carbazole	11.645	167	280282	46.409	ng	98
74) Di-n-butylphthalate	11.969	149	339754	45.885	ng	100
75) Fluoranthene	12.628	202	355887	46.898	ng	99
77) Benzidine	12.751	184	43263	11.656	ng	# 87
78) Pyrene	12.857	202	270003	31.489	ng	98
80) Butylbenzylphthalate	13.475	149	150139	46.284	ng	100
81) Benzo(a)anthracene	14.051	228	394362	48.928	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	81428	29.022	ng	# 95
83) Chrysene	14.086	228	369557	48.860	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	283322	63.978	ng	99
85) Di-n-octyl phthalate	14.645	149	405201	53.206	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	556174	48.849	ng	99
88) Benzo(b)fluoranthene	15.110	252	441763	47.120	ng	98
89) Benzo(k)fluoranthene	15.139	252	417100	48.220	ng	99
90) Benzo(a)pyrene	15.480	252	422556	50.240	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	441007	48.933	ng	98
92) Benzo(g,h,i)perylene	17.510	276	450459	49.714	ng	98

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

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

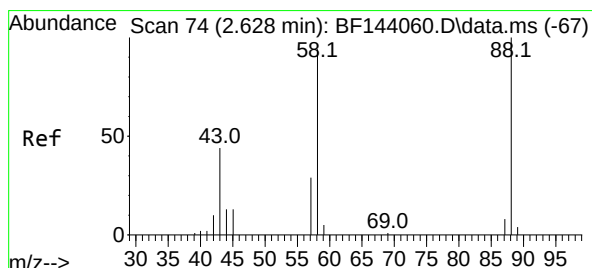
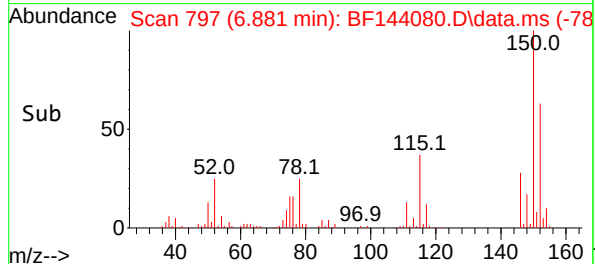
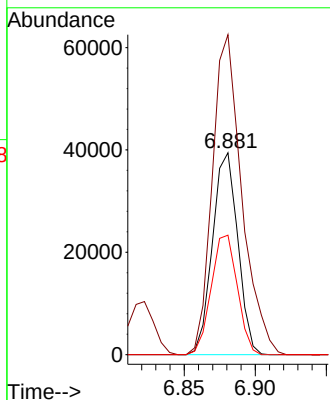
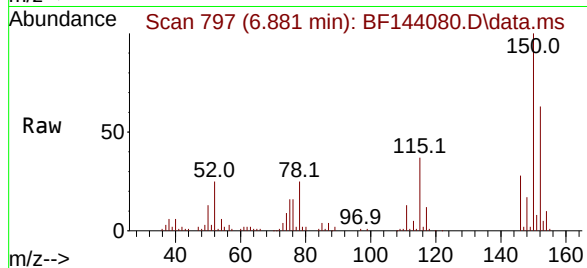
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

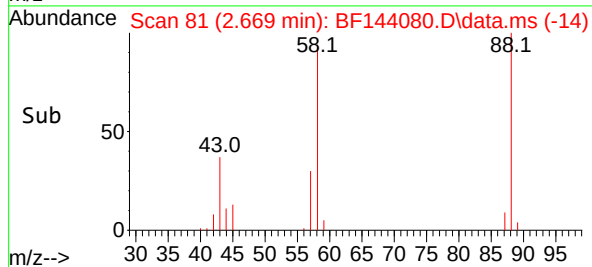
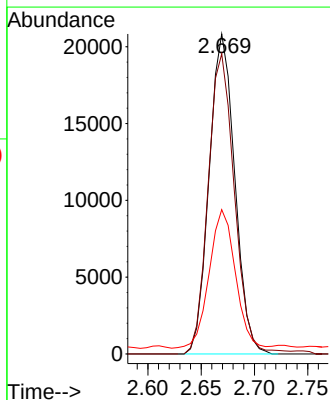
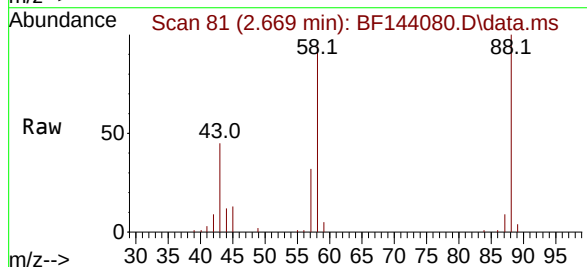
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BNA_F
ClientSampleId :
EFF-WWMS

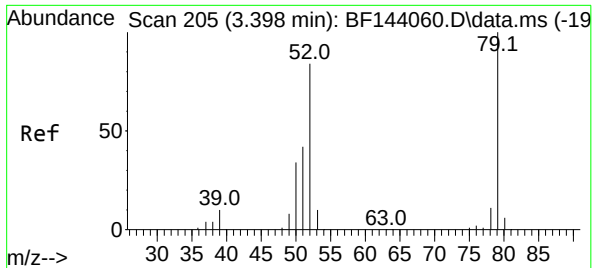
Tgt Ion:152 Resp: 48975
Ion Ratio Lower Upper
152 100
150 158.4 124.4 186.6
115 59.2 49.4 74.0



#2
1,4-Dioxane
Concen: 26.009 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.041 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 88 Resp: 34791
Ion Ratio Lower Upper
88 100
58 96.9 76.5 114.7
43 44.2 35.3 52.9





#3

Pyridine

Concen: 20.879 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

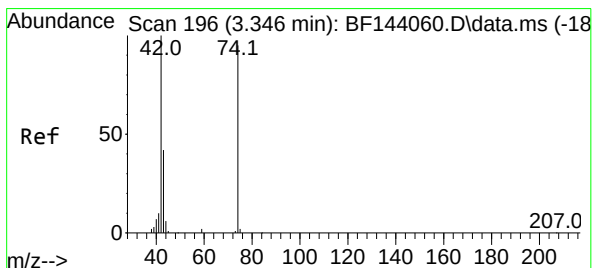
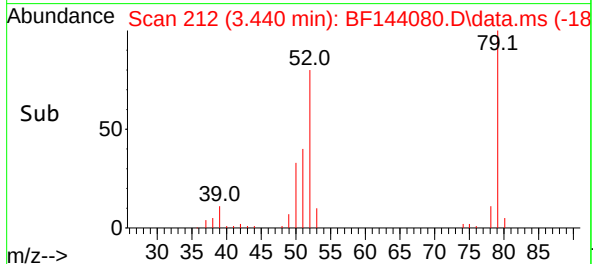
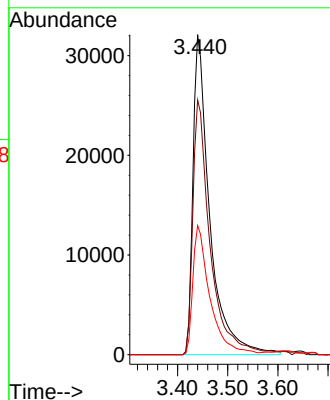
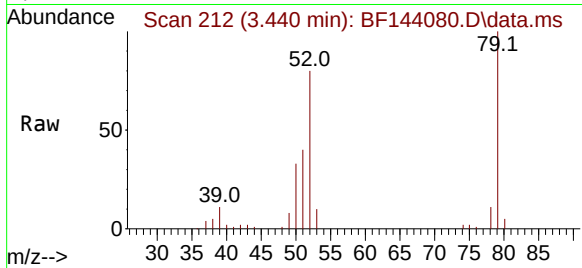
Tgt Ion: 79 Resp: 74771

Ion Ratio Lower Upper

79 100

52 79.6 67.5 101.3

51 40.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 28.668 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.030 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

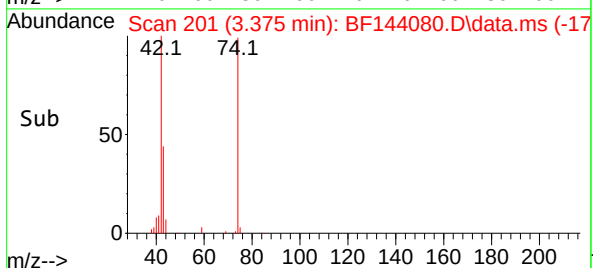
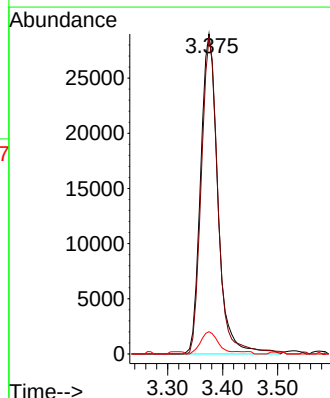
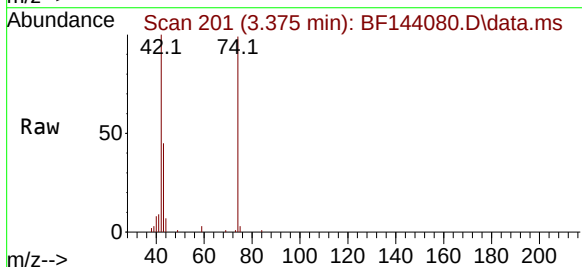
Tgt Ion: 42 Resp: 63084

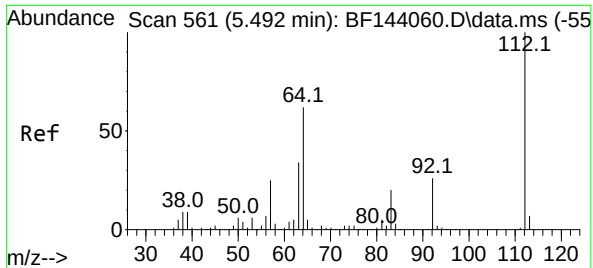
Ion Ratio Lower Upper

42 100

74 98.8 76.4 114.6

44 7.0 5.2 7.8

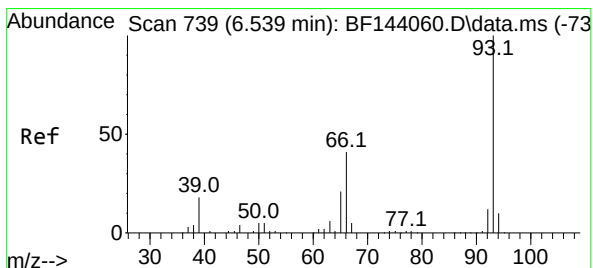
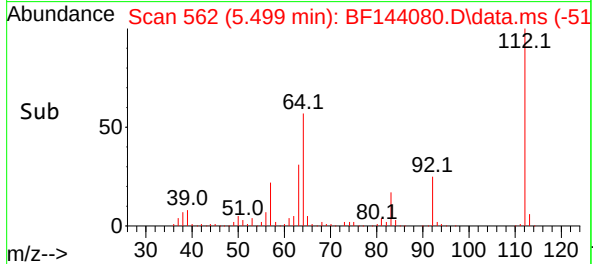
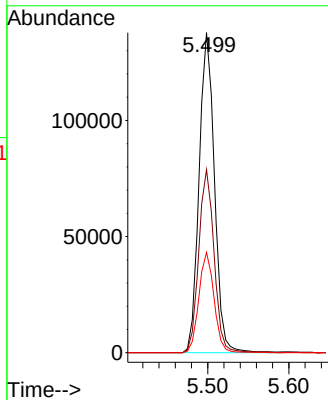
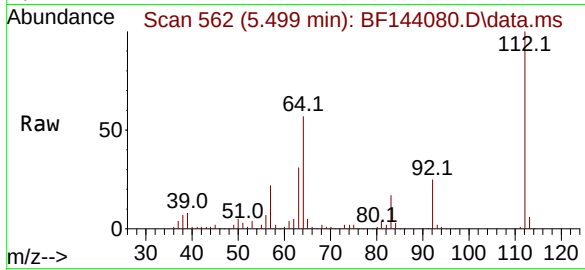




#5
2-Fluorophenol
Concen: 58.526 ng
RT: 5.499 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

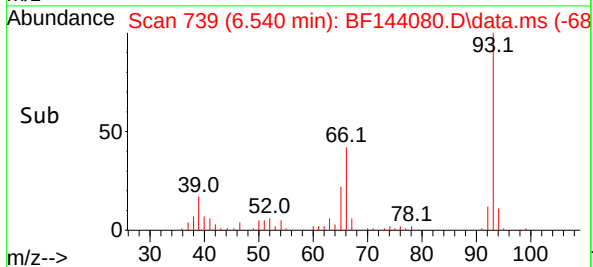
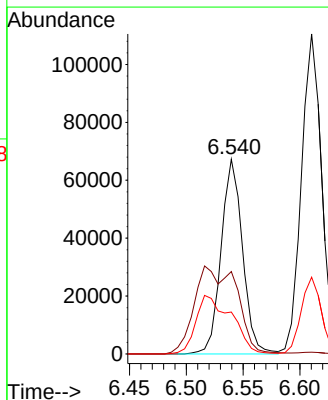
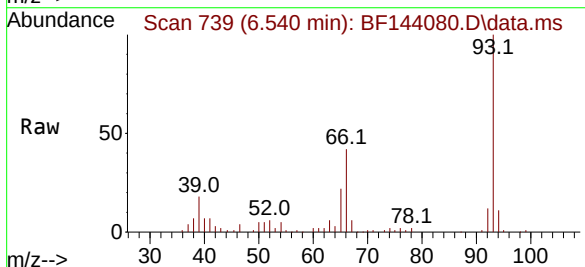
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

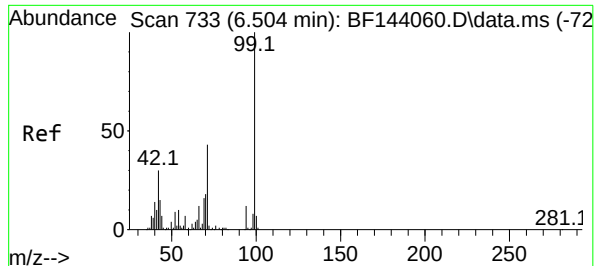
Tgt Ion:112 Resp: 181169
Ion Ratio Lower Upper
112 100
64 57.2 49.8 74.8
63 31.4 27.4 41.2



#6
Aniline
Concen: 18.087 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 93 Resp: 88460
Ion Ratio Lower Upper
93 100
66 42.3 35.7 53.5
65 21.5 17.0 25.6

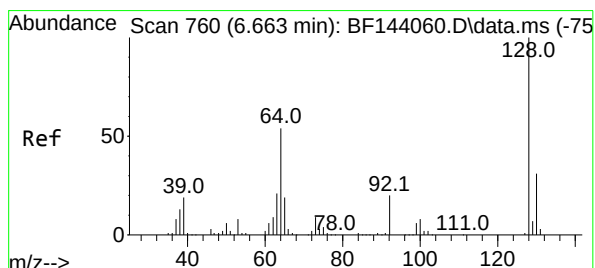
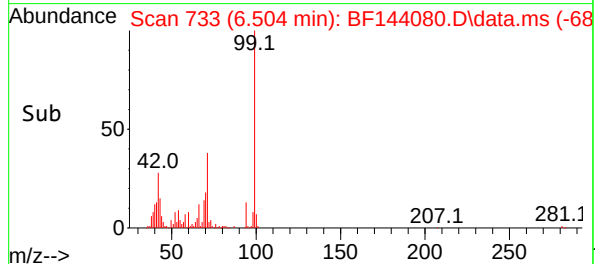
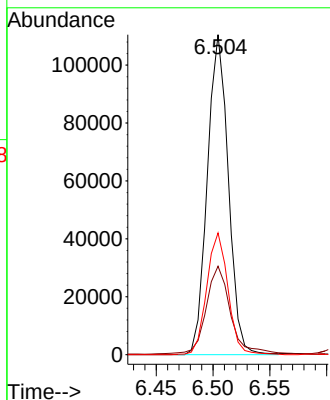
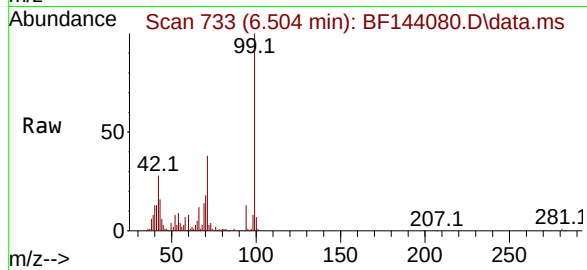




#7
Phenol-d6
Concen: 41.557 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

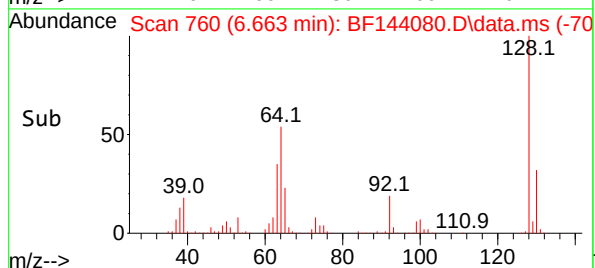
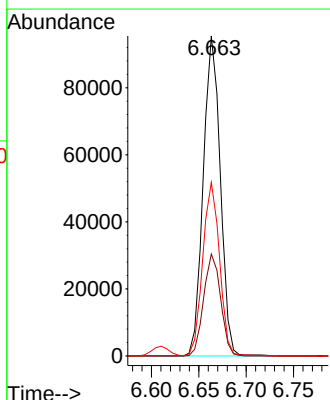
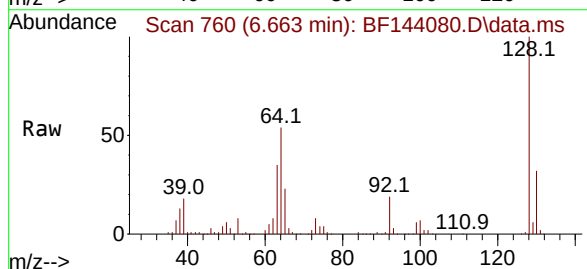
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BNA_F
ClientSampleId :
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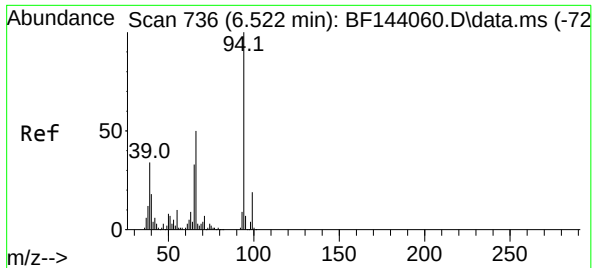
Tgt Ion: 99 Resp: 142070
Ion Ratio Lower Upper
99 100
42 27.7 23.9 35.9
71 38.0 34.4 51.6



#8
2-Chlorophenol
Concen: 39.149 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 128 Resp: 119346
Ion Ratio Lower Upper
128 100
130 31.9 10.7 50.7
64 54.2 34.7 74.7

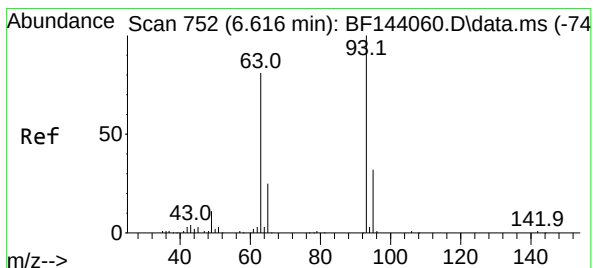
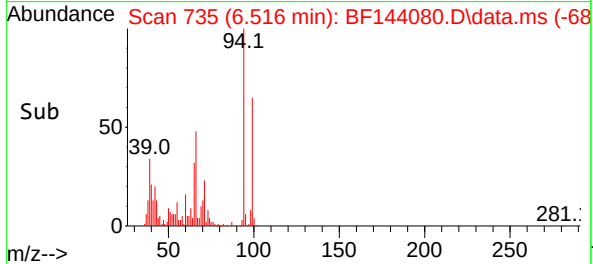
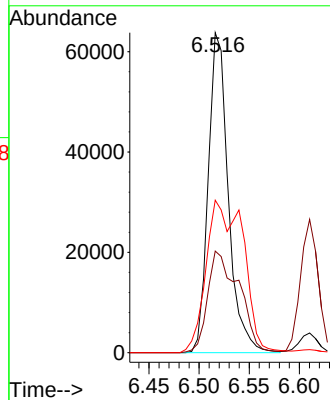
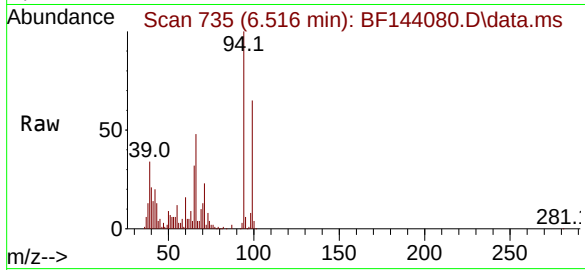




#10
Phenol
Concen: 21.065 ng
RT: 6.516 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

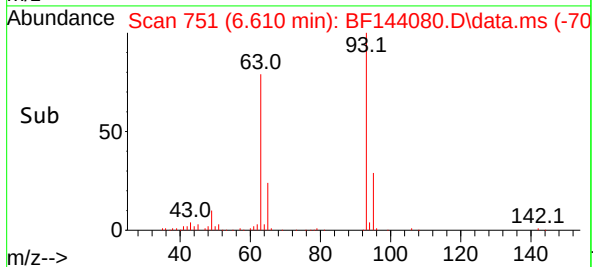
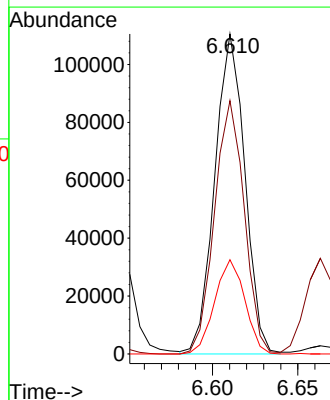
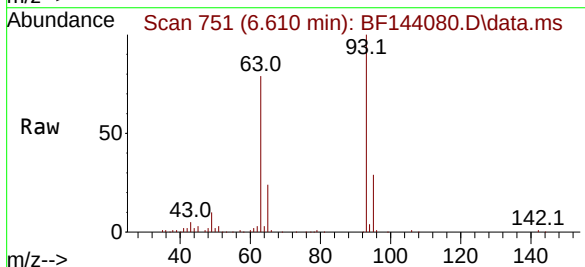
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

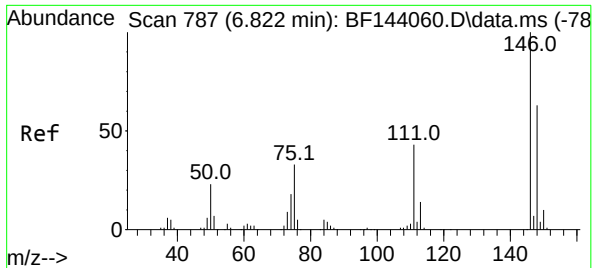
Tgt Ion: 94 Resp: 88846
Ion Ratio Lower Upper
94 100
65 31.8 13.1 53.1
66 47.7 30.6 70.6



#11
bis(2-Chloroethyl)ether
Concen: 44.516 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 93 Resp: 135670
Ion Ratio Lower Upper
93 100
63 79.2 60.2 100.2
95 29.4 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 37.433 ng

RT: 6.822 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

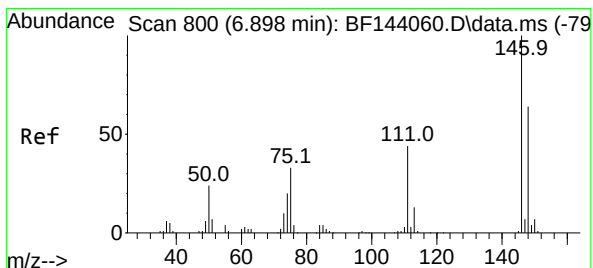
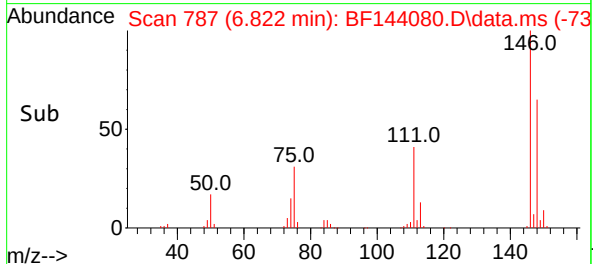
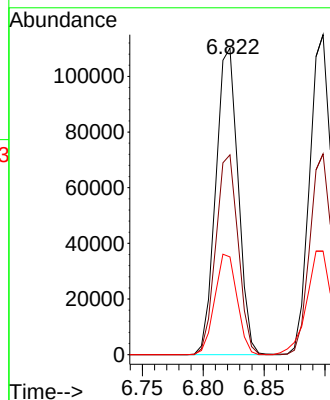
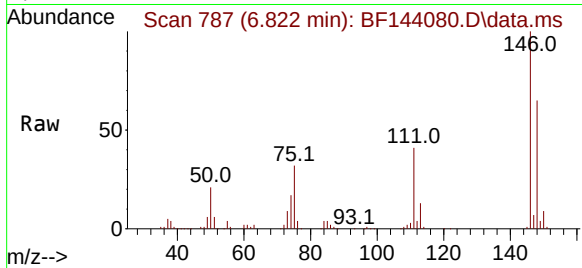
Tgt Ion:146 Resp: 140767

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

75 31.9 26.6 40.0



#13

1,4-Dichlorobenzene

Concen: 38.829 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

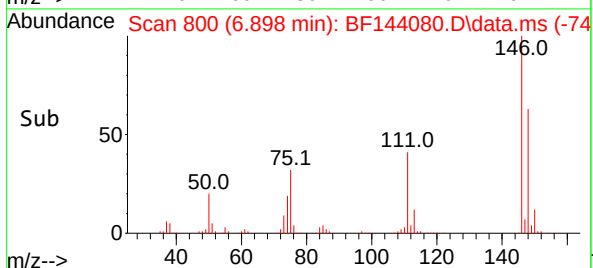
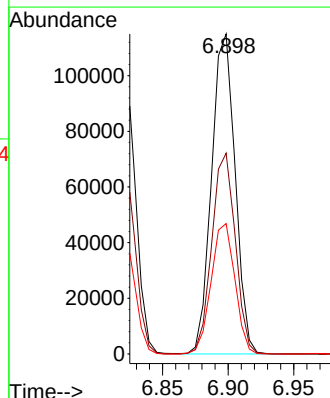
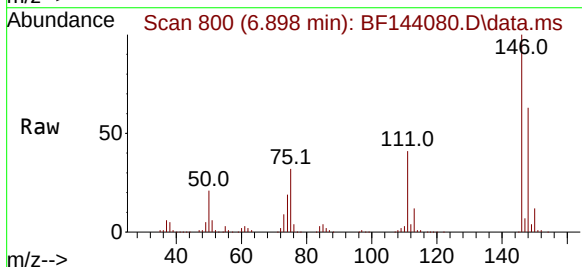
Tgt Ion:146 Resp: 143902

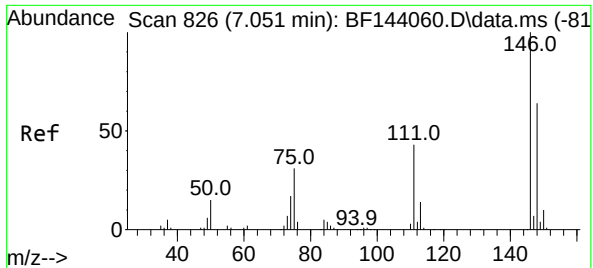
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

111 40.7 35.0 52.6

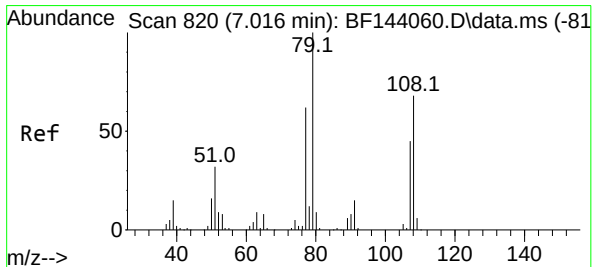
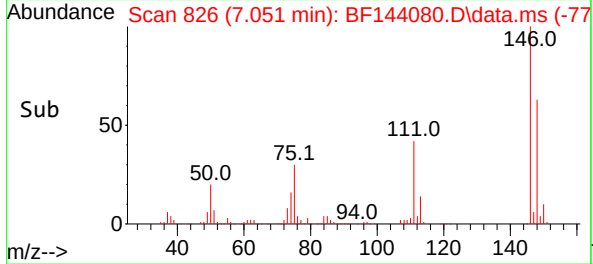
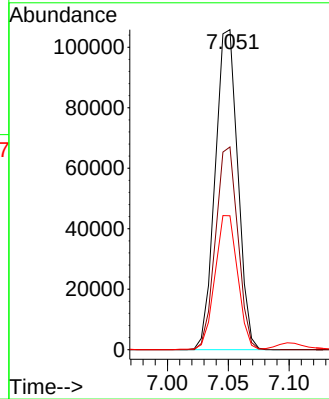
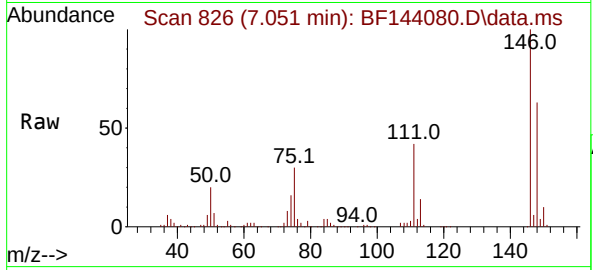




#14
1,2-Dichlorobenzene
Concen: 38.183 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

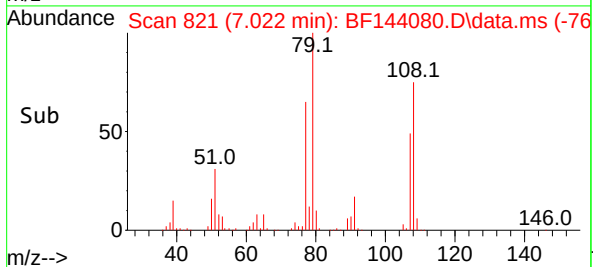
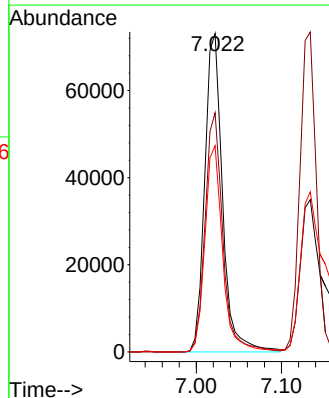
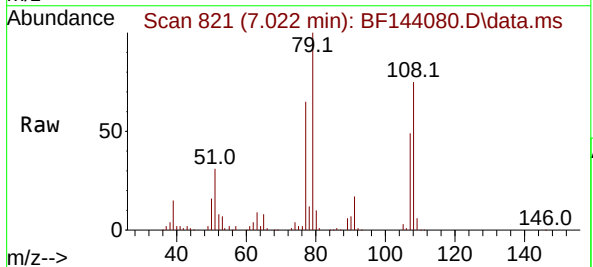
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

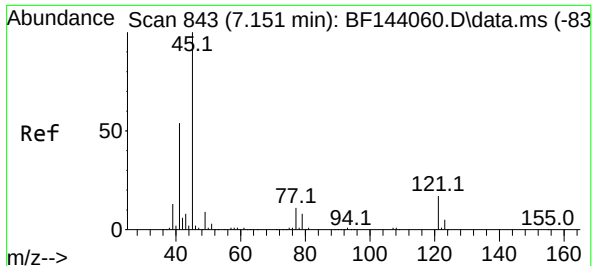
Tgt Ion:146 Resp: 136919
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 41.8 34.7 52.1



#15
Benzyl Alcohol
Concen: 38.137 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 79 Resp: 106013
Ion Ratio Lower Upper
79 100
108 75.1 54.8 82.2
77 64.8 49.4 74.0





#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.511 ng

RT: 7.151 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

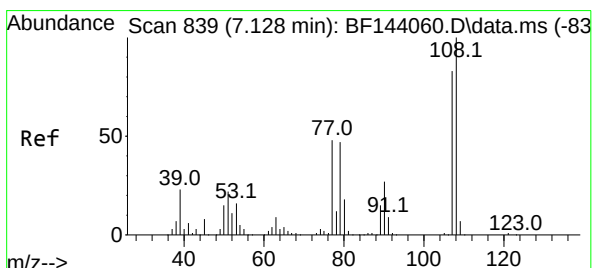
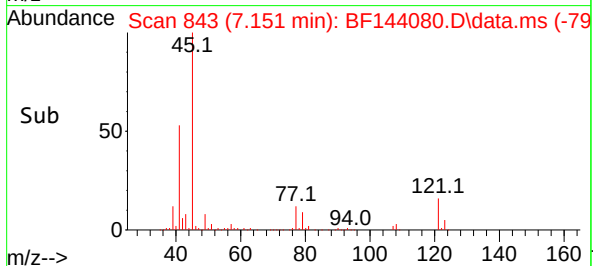
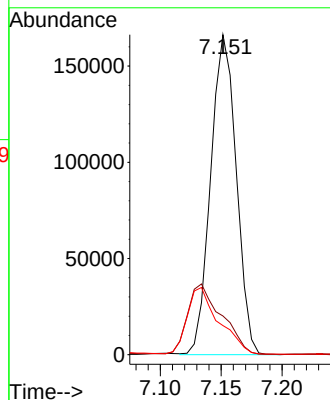
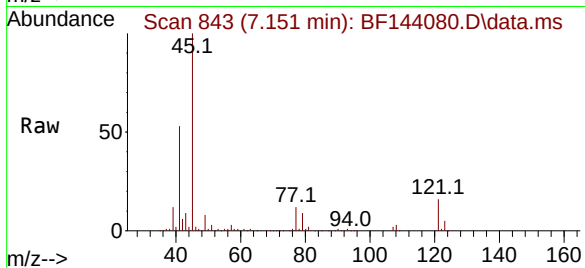
Tgt Ion: 45 Resp: 243501

Ion Ratio Lower Upper

45 100

77 12.1 0.0 30.9

79 9.1 0.0 28.2



#17

2-Methylphenol

Concen: 35.003 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Tgt Ion:107 Resp: 82069

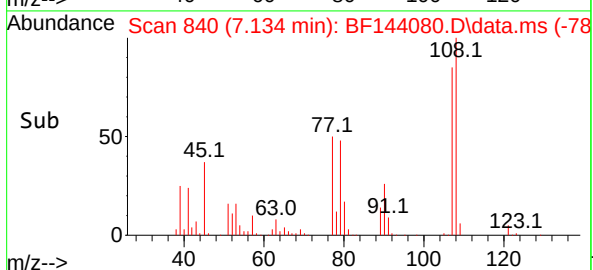
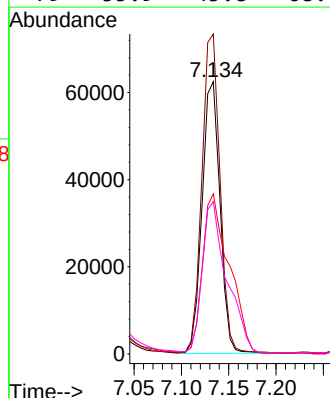
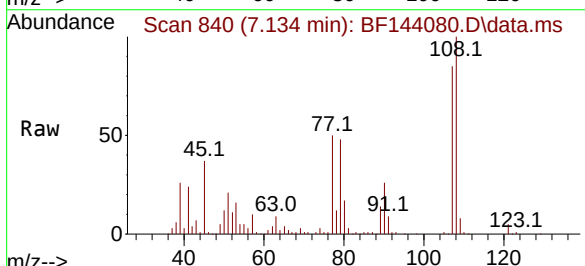
Ion Ratio Lower Upper

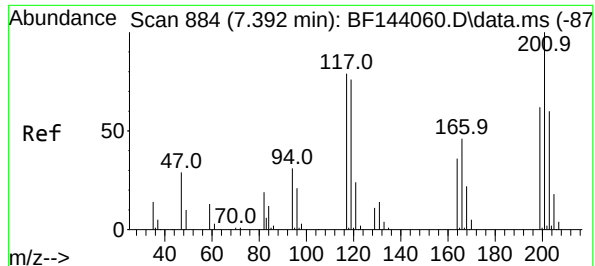
107 100

108 117.5 96.4 144.6

77 58.8 46.8 70.2

79 55.9 45.8 68.6





#18

Hexachloroethane

Concen: 36.531 ng

RT: 7.393 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

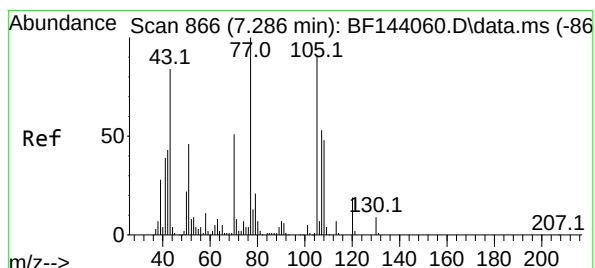
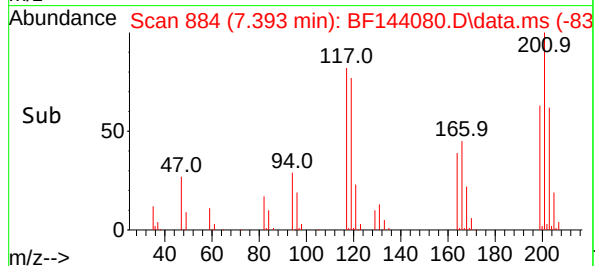
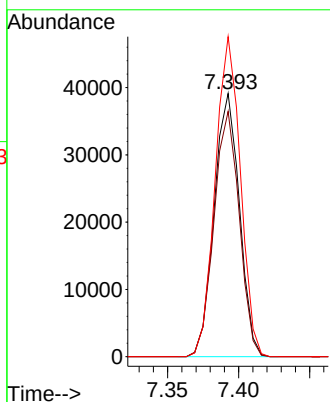
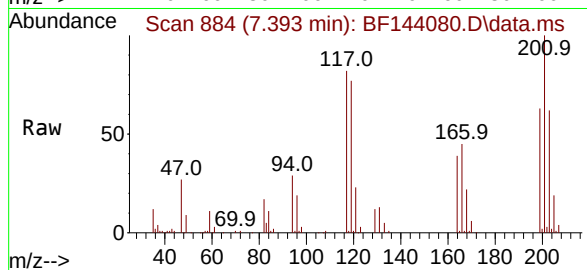
Tgt Ion:117 Resp: 48402

Ion Ratio Lower Upper

117 100

119 93.2 76.6 115.0

201 121.6 100.9 151.3



#19

n-Nitroso-di-n-propylamine

Concen: 45.869 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Tgt Ion: 70 Resp: 101405

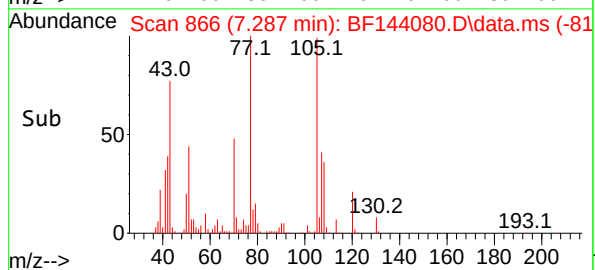
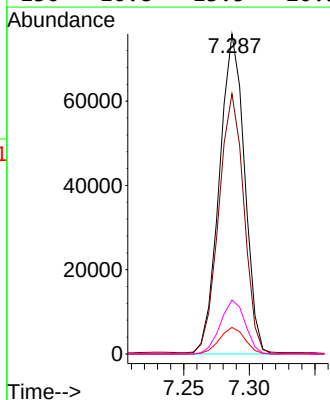
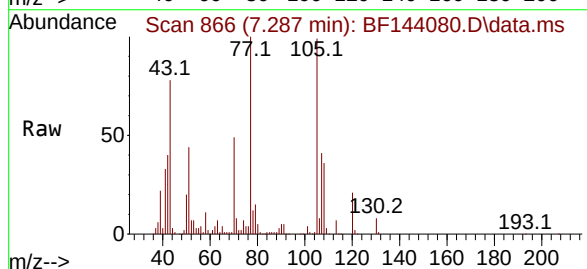
Ion Ratio Lower Upper

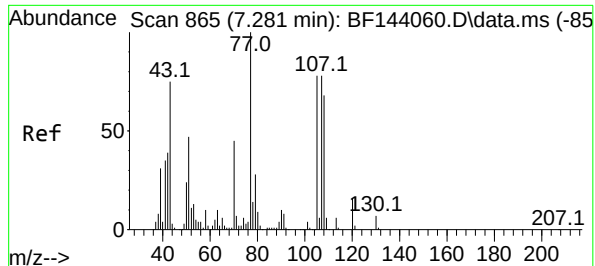
70 100

42 81.3 67.4 101.0

101 8.3 7.1 10.7

130 16.8 13.5 20.3





#20

3+4-Methylphenols

Concen: 33.999 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144080.D

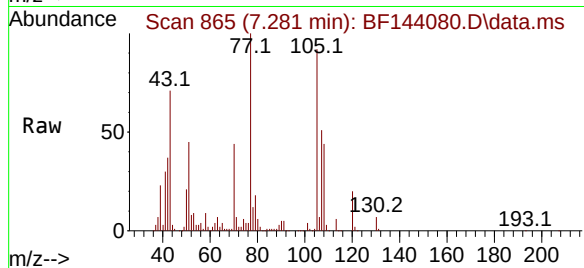
Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



Tgt Ion:107 Resp: 94237

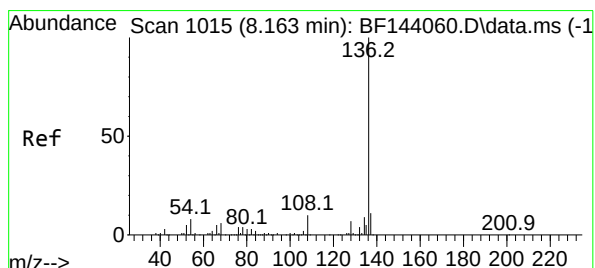
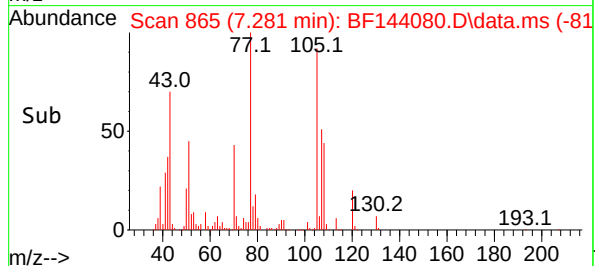
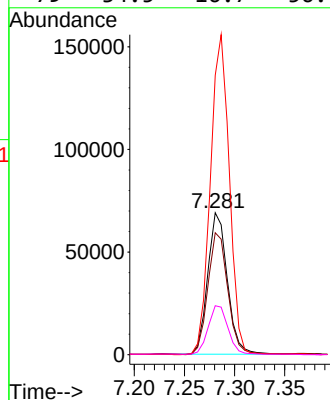
Ion Ratio Lower Upper

107 100

108 86.0 68.0 108.0

77 196.9 108.7 148.7#

79 34.5 16.7 56.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Tgt Ion:136 Resp: 173973

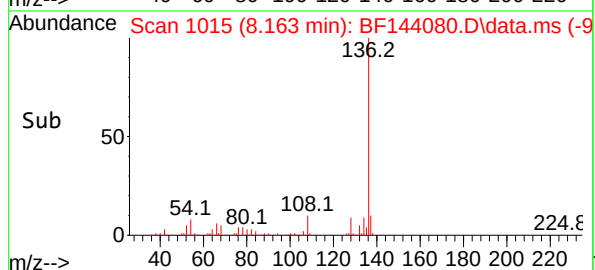
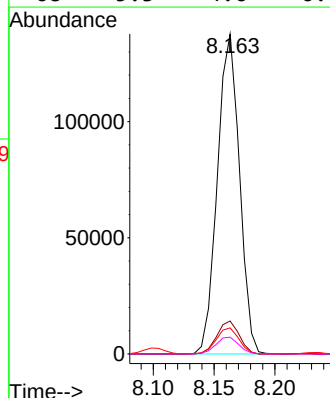
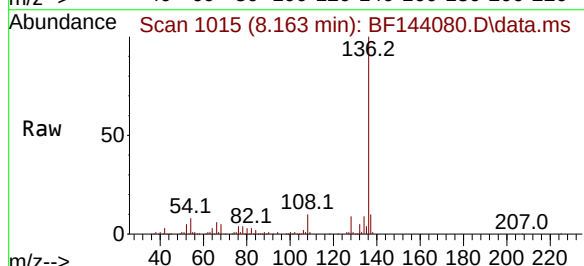
Ion Ratio Lower Upper

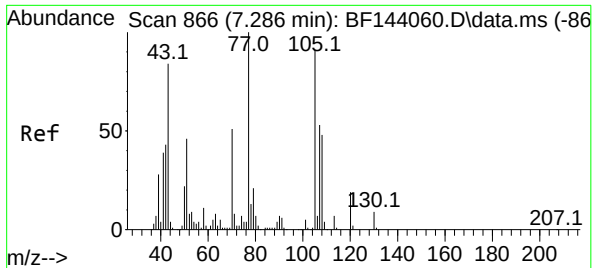
136 100

137 10.3 8.6 13.0

54 8.2 6.6 9.8

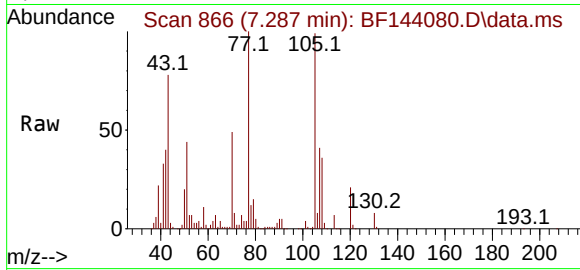
68 5.3 4.6 6.8



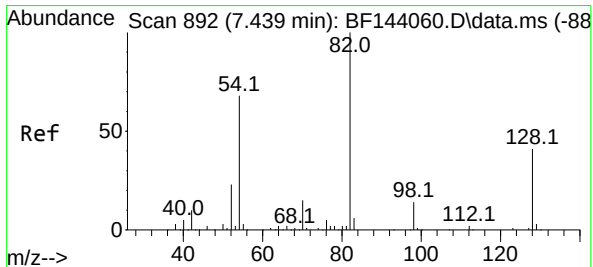
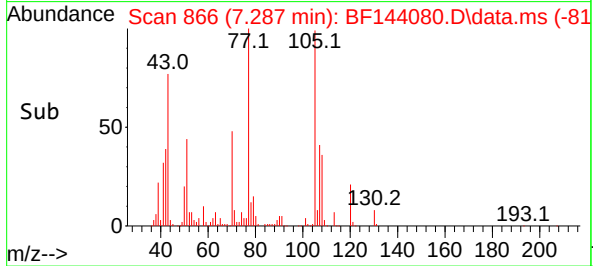
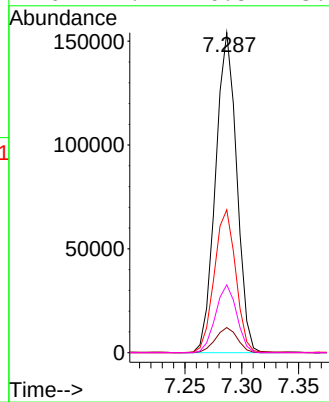


#22
Acetophenone
Concen: 53.258 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

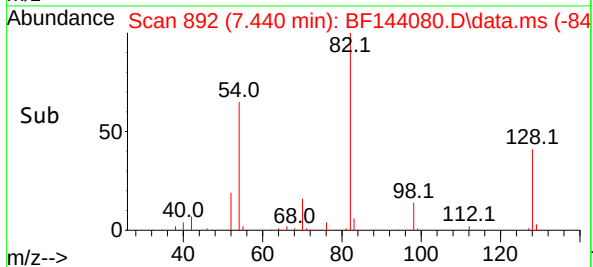
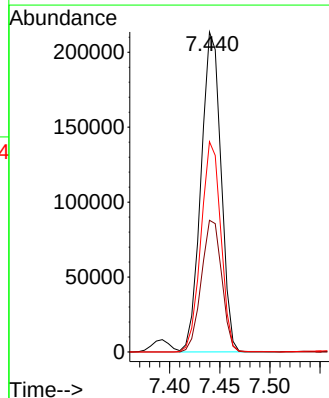
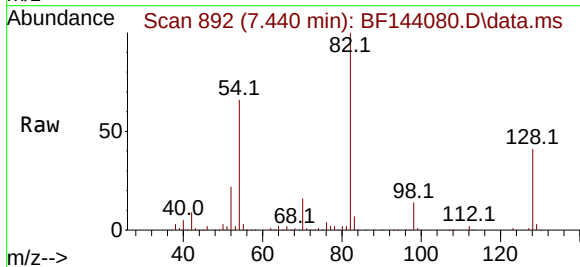


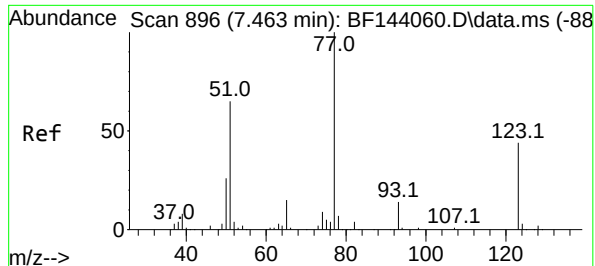
Tgt Ion:105 Resp: 200237
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 44.7 40.6 60.8
120 21.2 16.8 25.2



#23
Nitrobenzene-d5
Concen: 93.313 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 82 Resp: 296309
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 65.7 54.0 81.0





#24

Nitrobenzene

Concen: 45.543 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

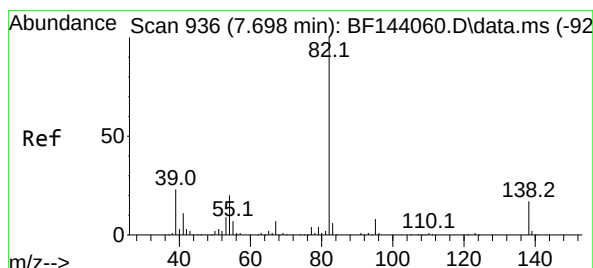
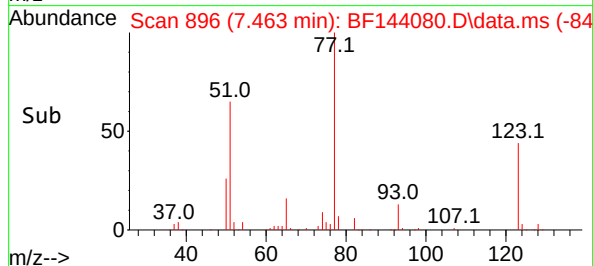
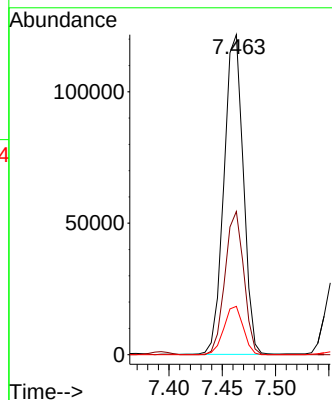
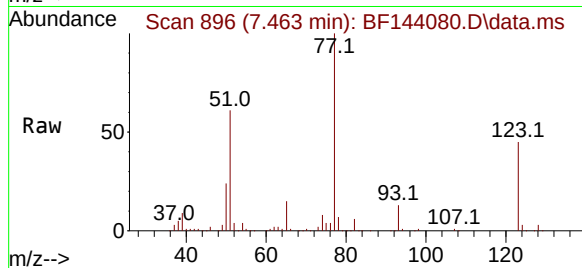
BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 77 Resp: 152986

Ion	Ratio	Lower	Upper
77	100		
123	44.8	35.0	52.6
65	15.1	12.2	18.2



#25

Isophorone

Concen: 47.150 ng

RT: 7.698 min Scan# 936

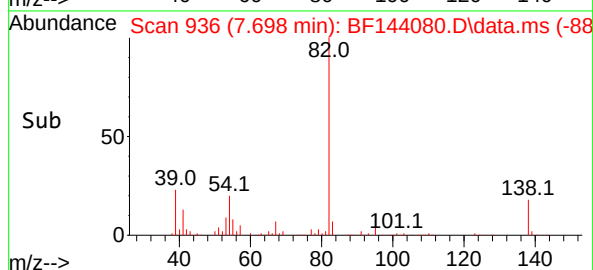
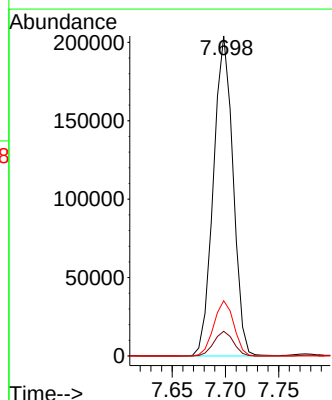
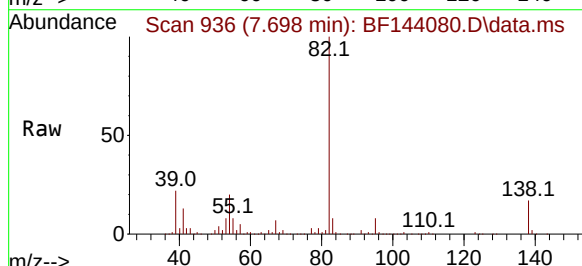
Delta R.T. 0.000 min

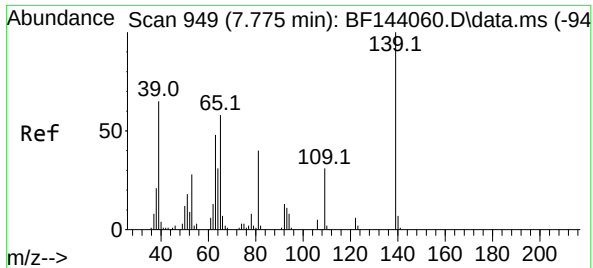
Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Tgt Ion: 82 Resp: 261760

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	9.8
138	17.3	13.8	20.8

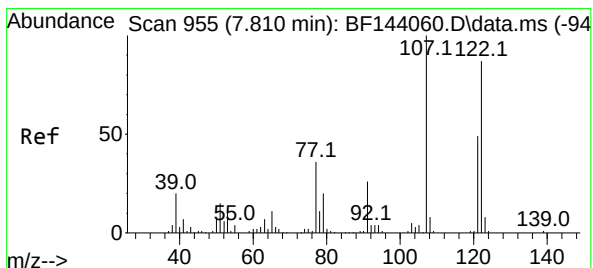
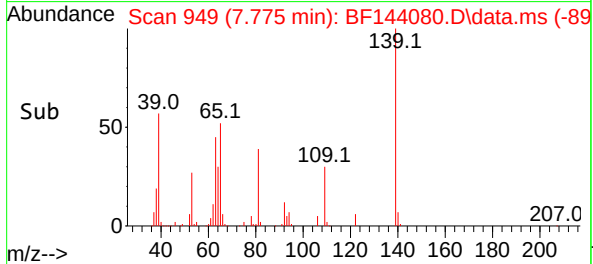
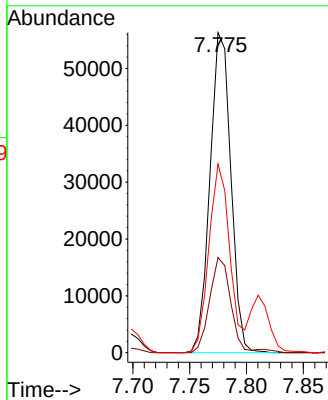
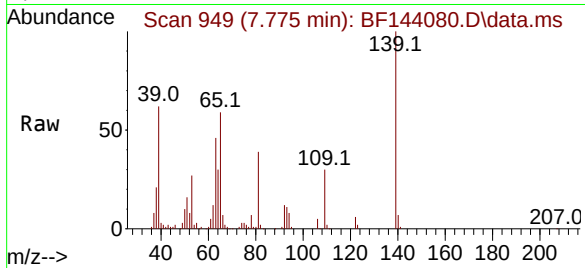




#26
2-Nitrophenol
Concen: 45.016 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

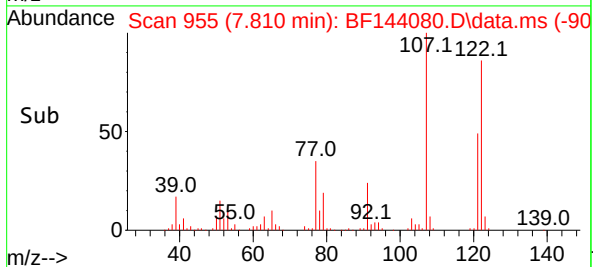
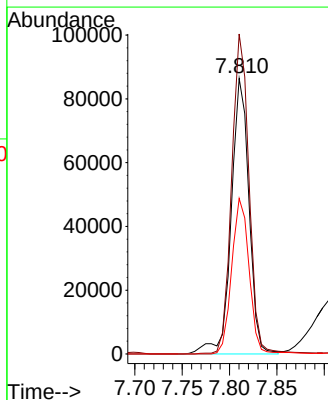
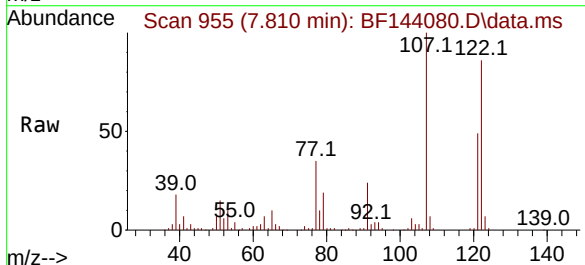
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

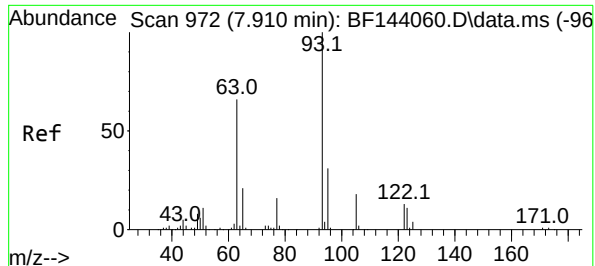
Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	24.6	37.0
65	58.9	46.6	69.8



#27
2,4-Dimethylphenol
Concen: 47.529 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.8	137.8
121	56.5	45.2	67.8





#28

bis(2-Chloroethoxy)methane

Concen: 46.069 ng

RT: 7.910 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

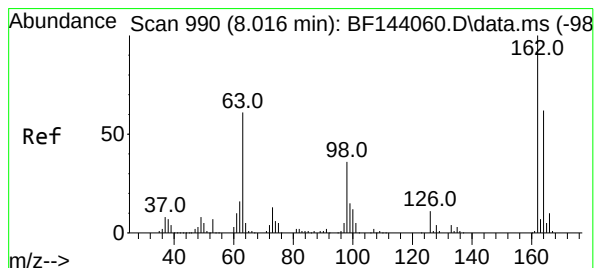
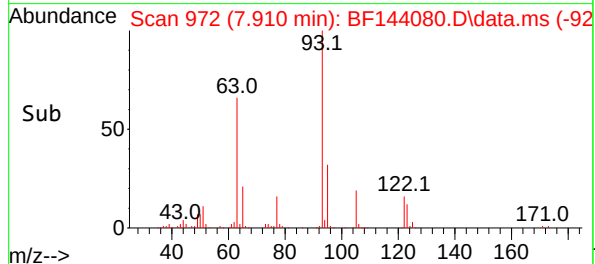
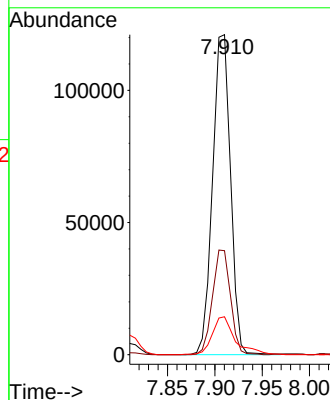
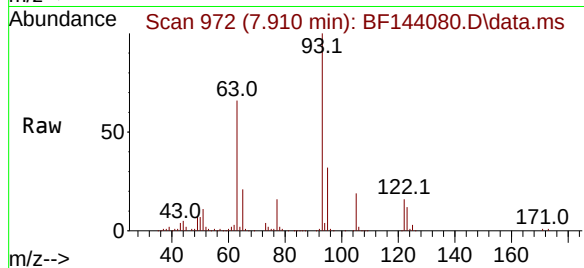
Tgt Ion: 93 Resp: 159497

Ion Ratio Lower Upper

93 100

95 32.5 24.6 36.8

123 11.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 42.412 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

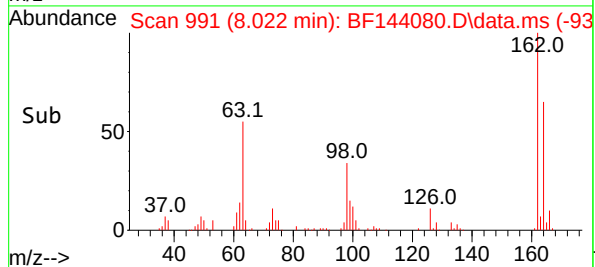
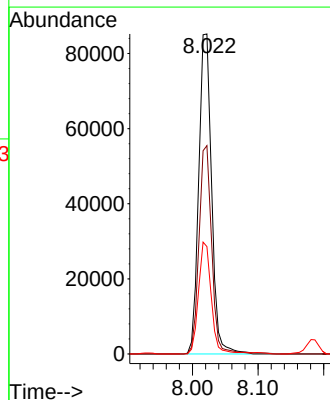
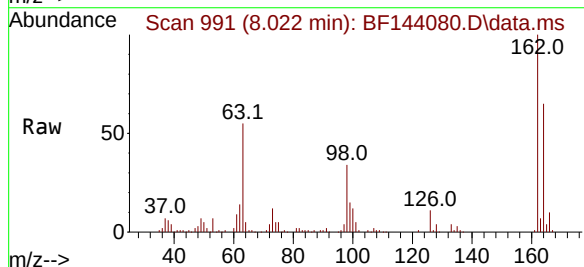
Tgt Ion: 162 Resp: 117125

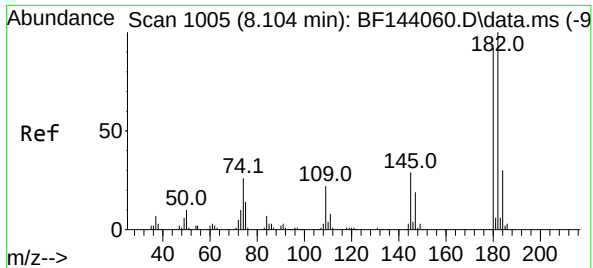
Ion Ratio Lower Upper

162 100

164 65.1 42.1 82.1

98 33.6 16.0 56.0





#30

1,2,4-Trichlorobenzene

Concen: 43.404 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

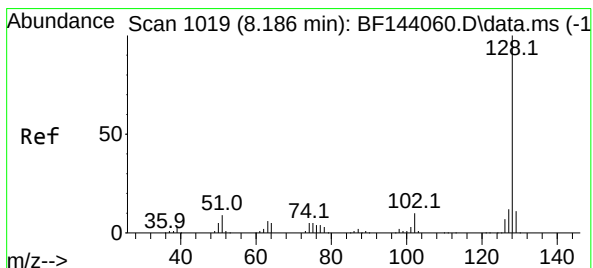
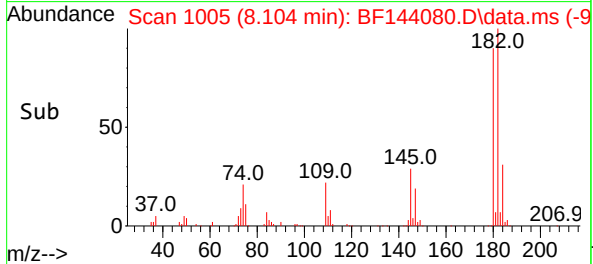
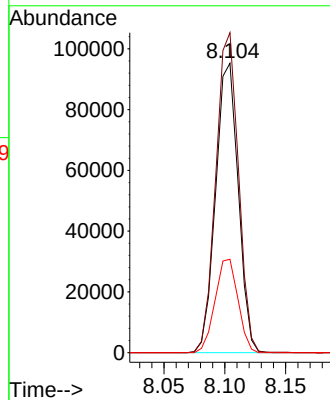
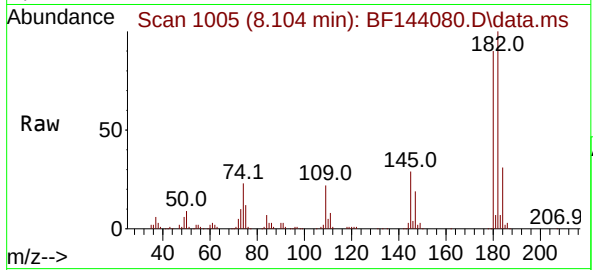
Tgt Ion:180 Resp: 123315

Ion Ratio Lower Upper

180 100

182 110.5 87.1 130.7

145 32.3 25.3 37.9



#31

Naphthalene

Concen: 43.067 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

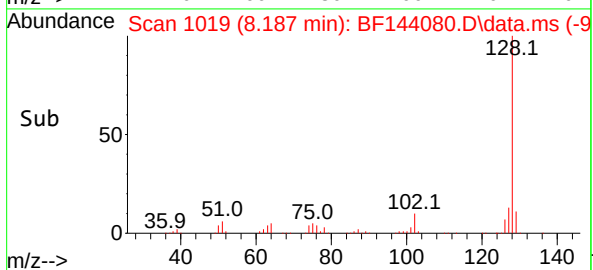
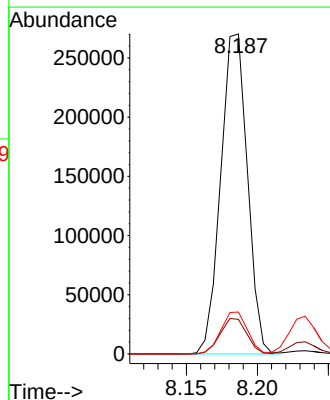
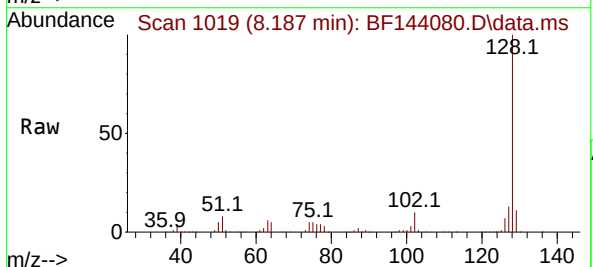
Tgt Ion:128 Resp: 353624

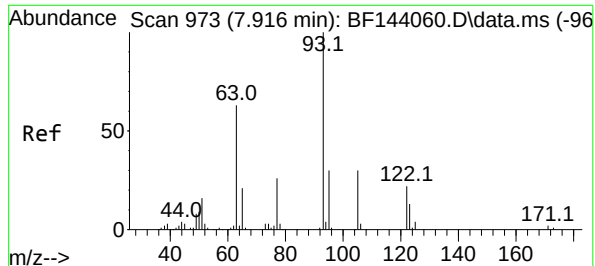
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.1 9.9 14.9





#32

Benzoic acid

Concen: 58.695 ng

RT: 7.934 min Scan# 91

Delta R.T. 0.018 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

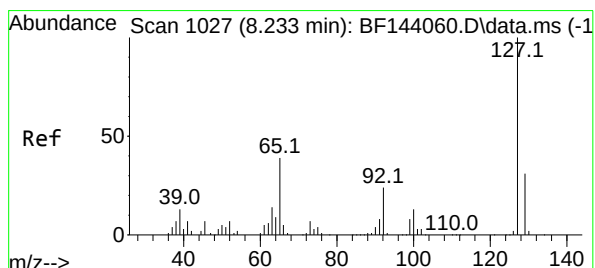
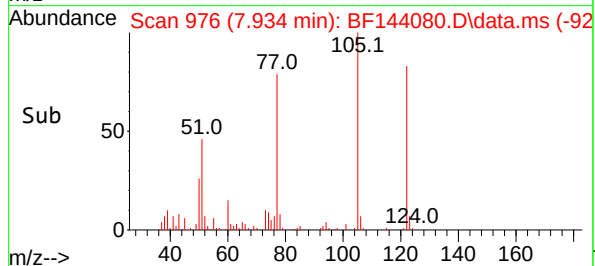
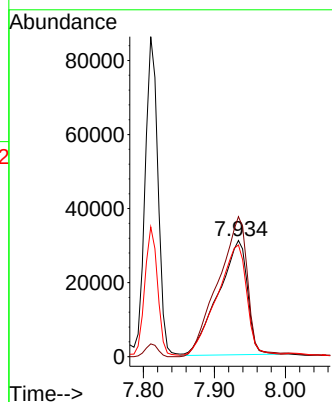
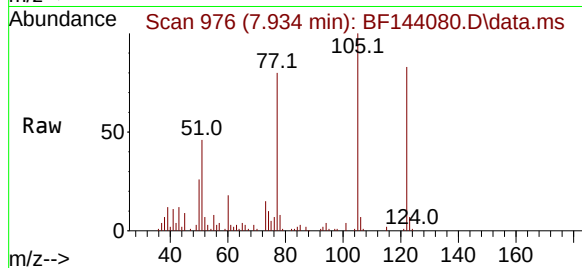
Tgt Ion:122 Resp: 88413

Ion Ratio Lower Upper

122 100

105 120.5 111.3 151.3

77 96.2 96.7 136.7#



#33

4-Chloroaniline

Concen: 15.890 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Tgt Ion:127 Resp: 45421

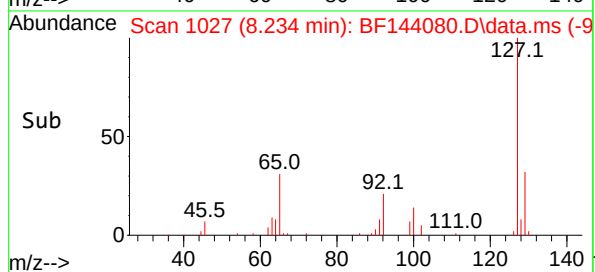
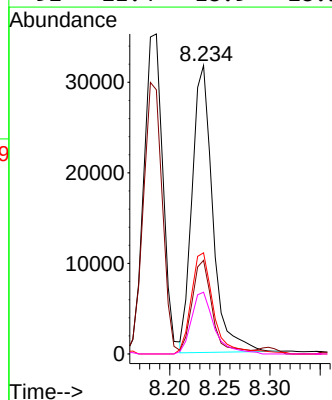
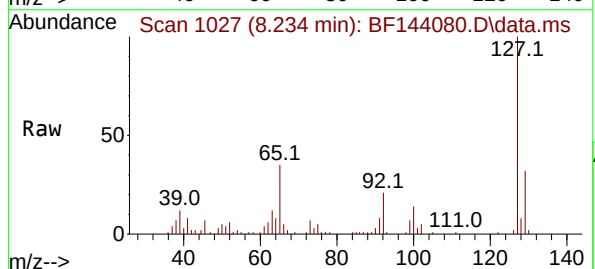
Ion Ratio Lower Upper

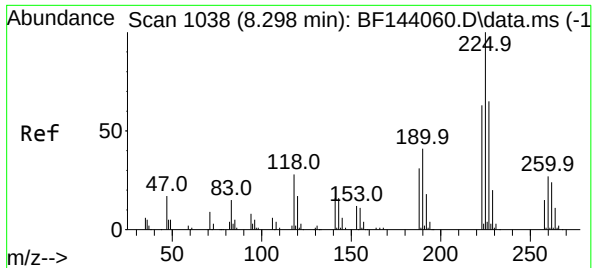
127 100

129 32.4 25.6 38.4

65 35.0 30.9 46.3

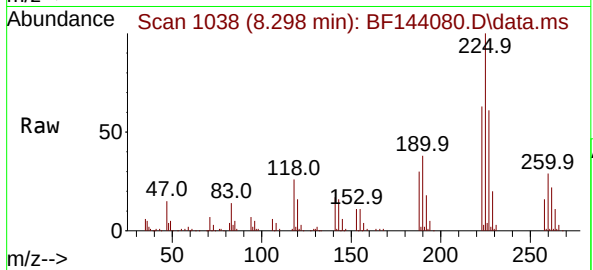
92 21.4 18.9 28.3



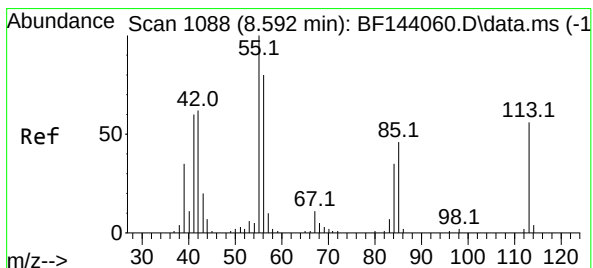
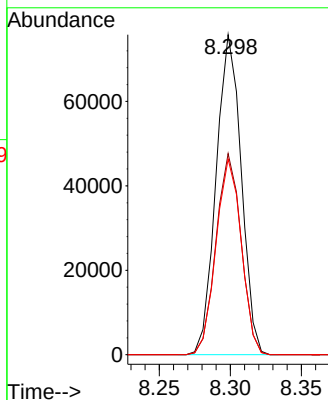
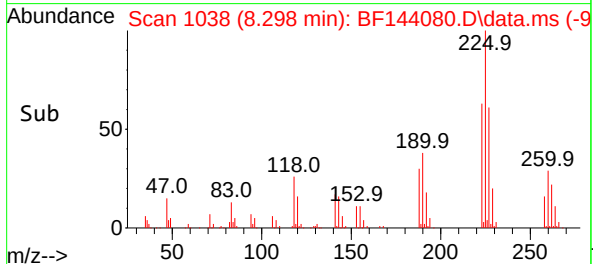


#34
Hexachlorobutadiene
Concen: 40.157 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

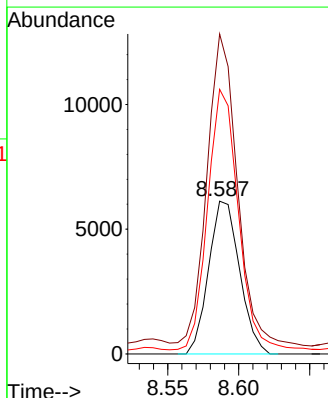
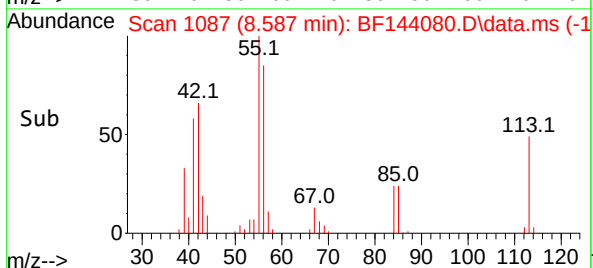
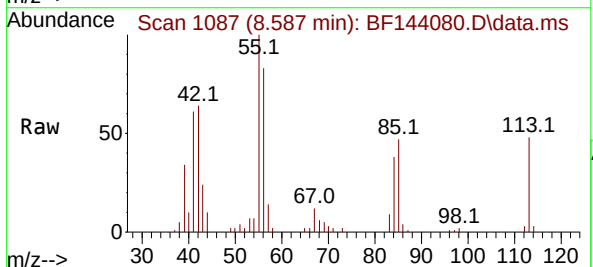


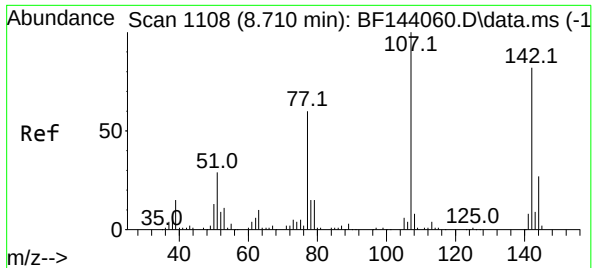
Tgt Ion:225 Resp: 93289
Ion Ratio Lower Upper
225 100
223 62.8 50.6 76.0
227 61.2 51.8 77.8



#35
Caprolactam
Concen: 13.374 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:113 Resp: 9262
Ion Ratio Lower Upper
113 100
55 209.4 160.1 200.1#
56 173.1 124.9 164.9#





#36

4-Chloro-3-methylphenol

Concen: 42.208 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

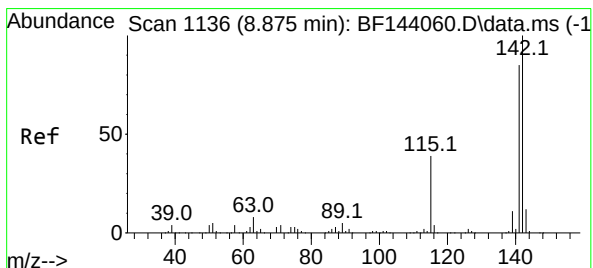
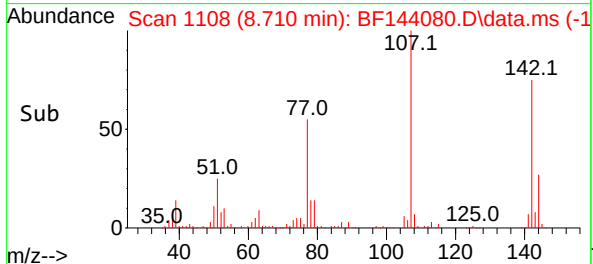
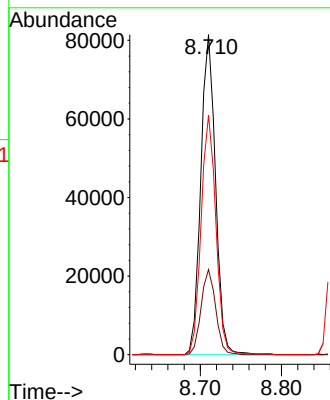
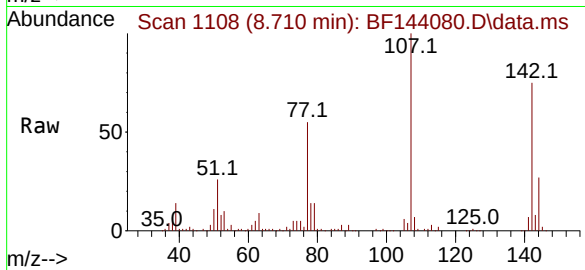
Tgt Ion:107 Resp: 102864

Ion Ratio Lower Upper

107 100

144 26.6 21.6 32.4

142 74.8 65.4 98.0



#37

2-Methylnaphthalene

Concen: 40.842 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144080.D

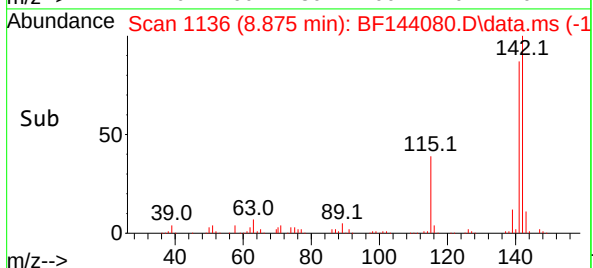
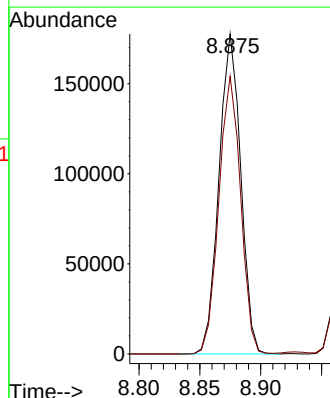
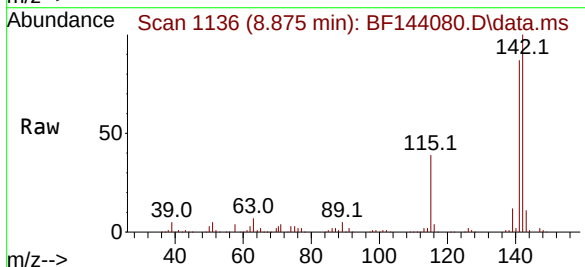
Acq: 27 Oct 2025 13:34

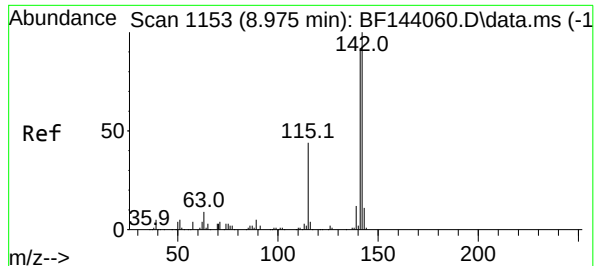
Tgt Ion:142 Resp: 221101

Ion Ratio Lower Upper

142 100

141 86.8 67.6 101.4





#38

1-Methylnaphthalene

Concen: 43.096 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

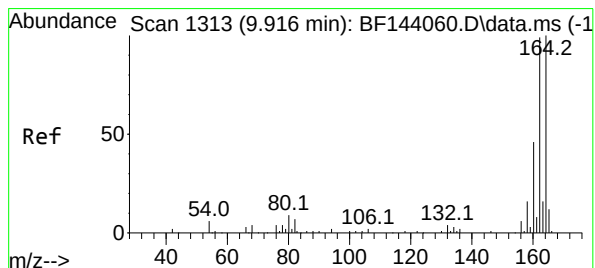
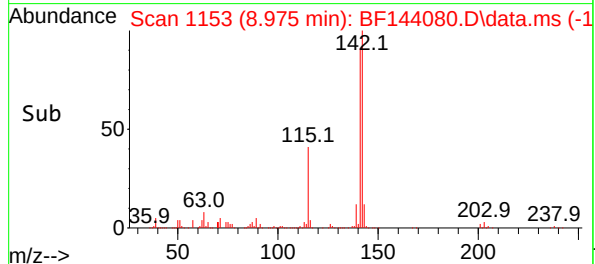
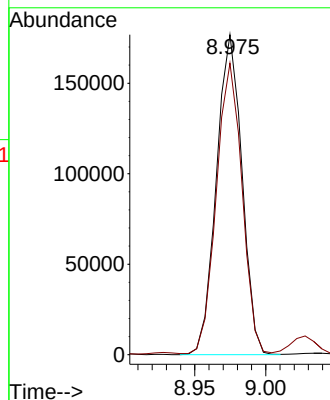
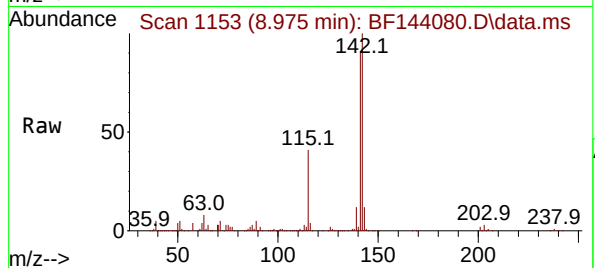
EFF-WWMS

Tgt Ion:142 Resp: 221036

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

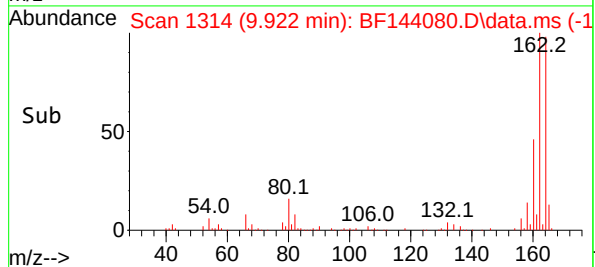
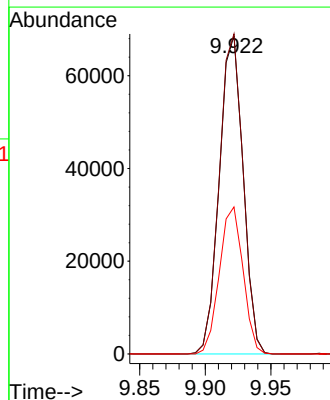
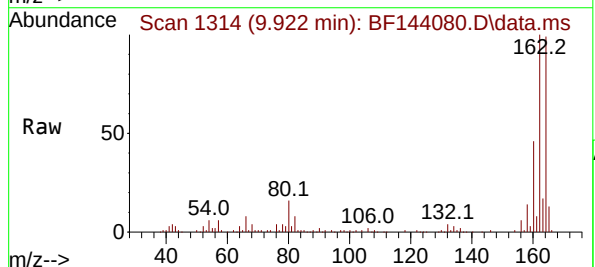
Tgt Ion:164 Resp: 86535

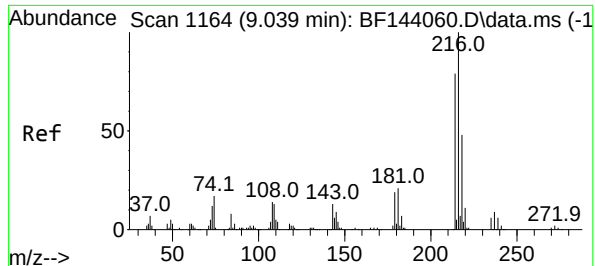
Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.2

160 46.2 36.7 55.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.542 ng

RT: 9.040 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:216 Resp: 150315

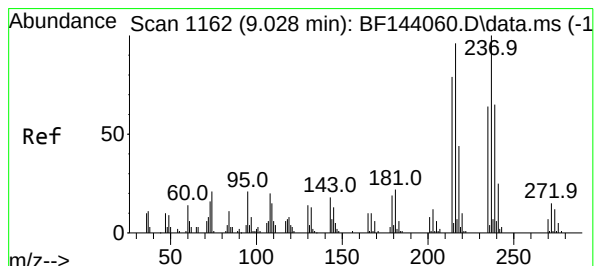
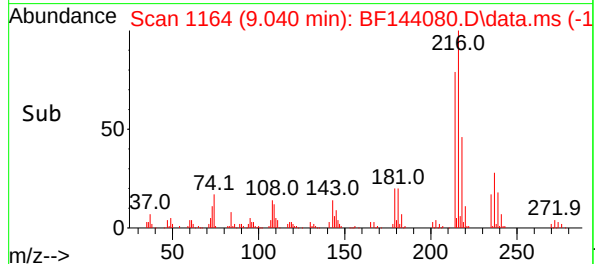
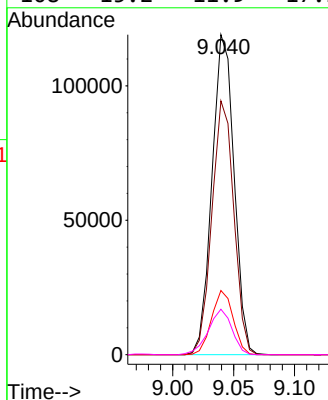
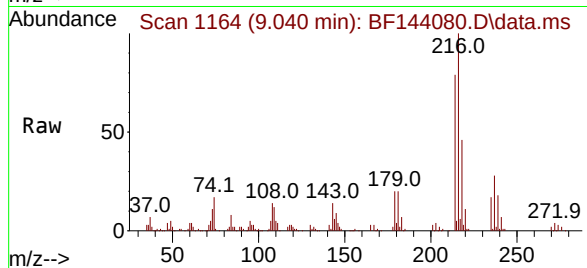
Ion Ratio Lower Upper

216 100

214 78.8 63.2 94.8

179 19.6 15.2 22.8

108 15.2 11.9 17.9



#41

Hexachlorocyclopentadiene

Concen: 125.257 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

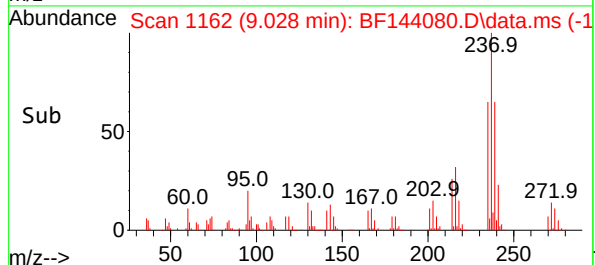
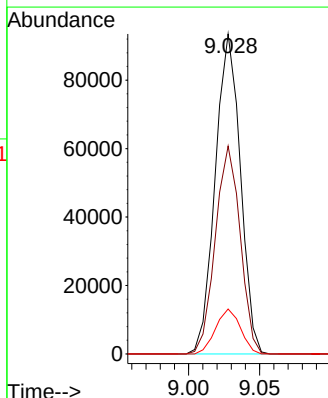
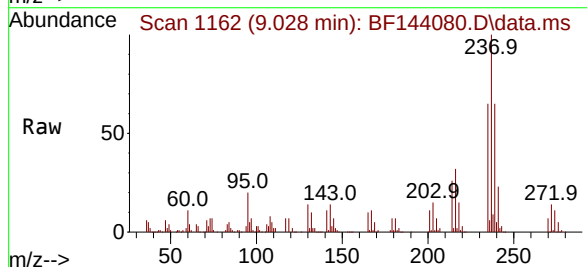
Tgt Ion:237 Resp: 115058

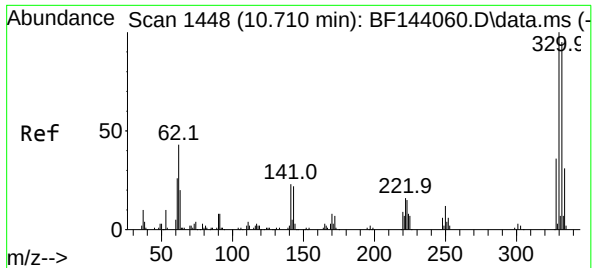
Ion Ratio Lower Upper

237 100

235 64.9 44.3 84.3

272 14.0 0.0 35.2





#42

2,4,6-Tribromophenol

Concen: 86.494 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

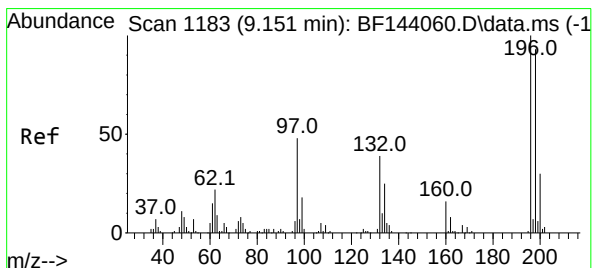
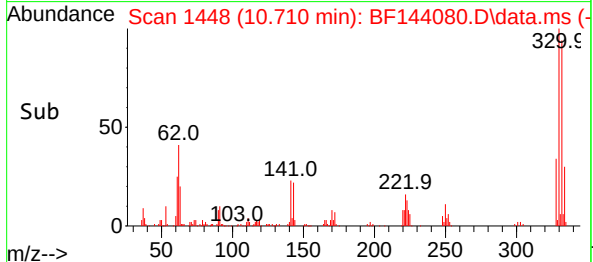
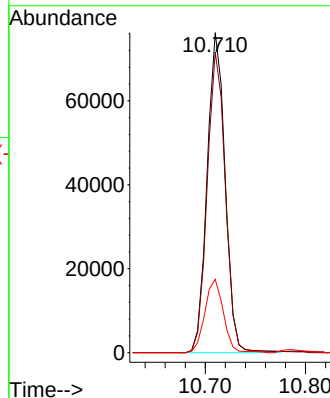
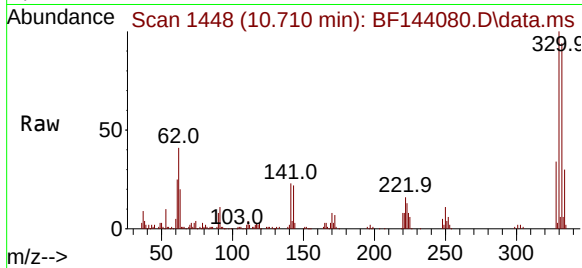
Tgt Ion:330 Resp: 95341

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

141 23.6 19.4 29.0



#43

2,4,6-Trichlorophenol

Concen: 47.676 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

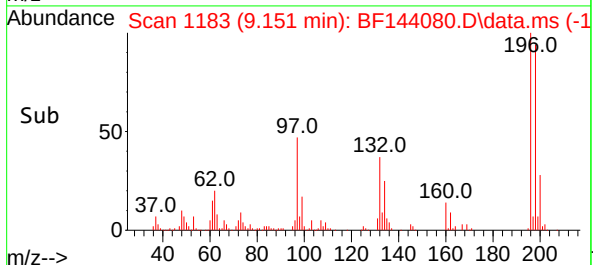
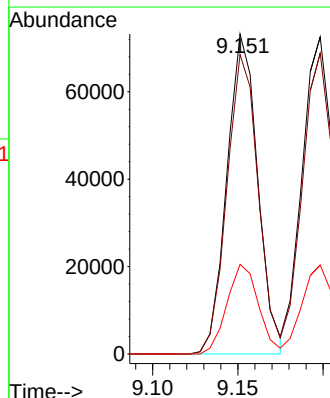
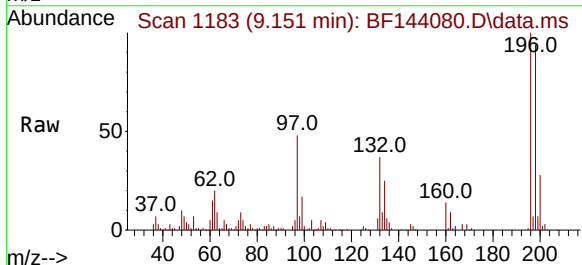
Tgt Ion:196 Resp: 92163

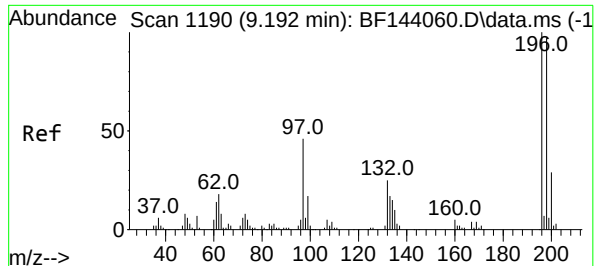
Ion Ratio Lower Upper

196 100

198 93.5 74.4 111.6

200 28.0 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 47.140 ng

RT: 9.198 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:196 Resp: 95638

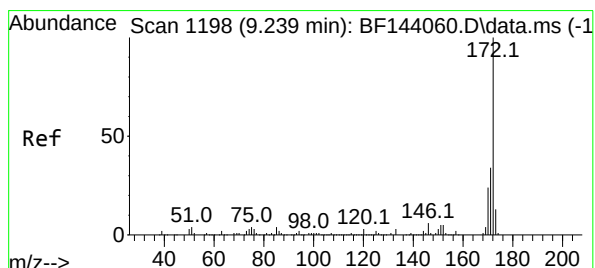
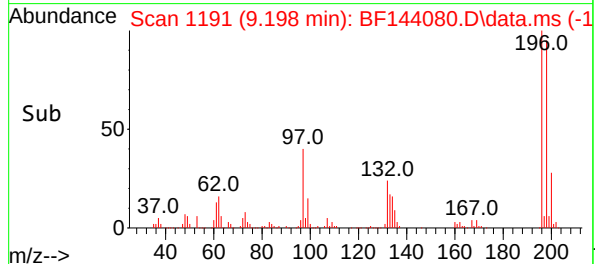
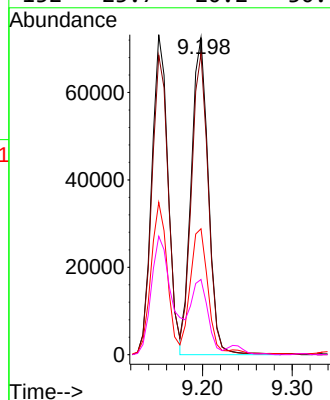
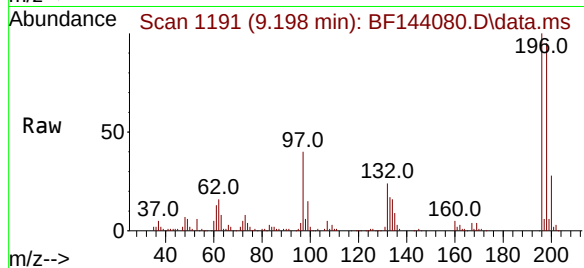
Ion Ratio Lower Upper

196 100

198 94.8 78.0 117.0

97 39.7 37.7 56.5

132 23.7 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 91.050 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

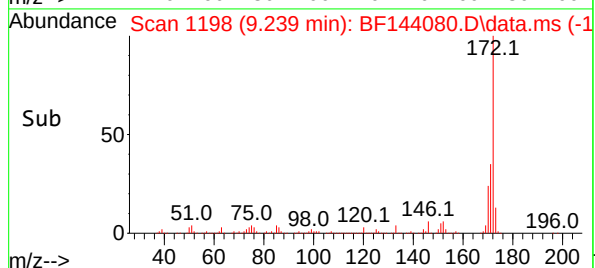
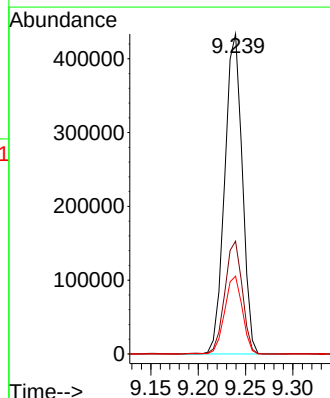
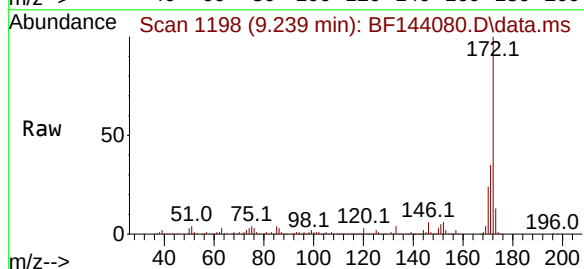
Tgt Ion:172 Resp: 559903

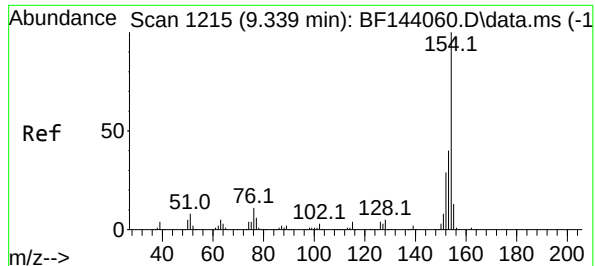
Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

170 24.3 19.0 28.6





#46

1,1'-Biphenyl

Concen: 51.516 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

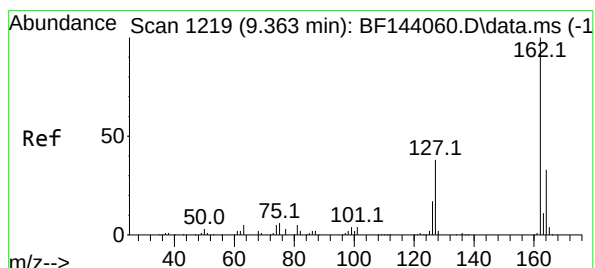
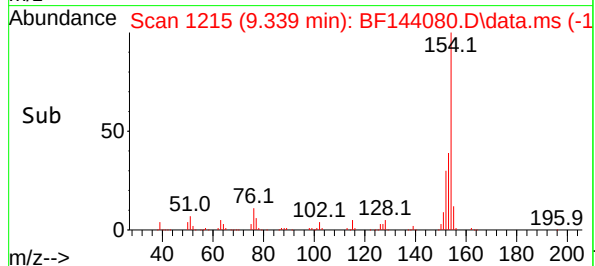
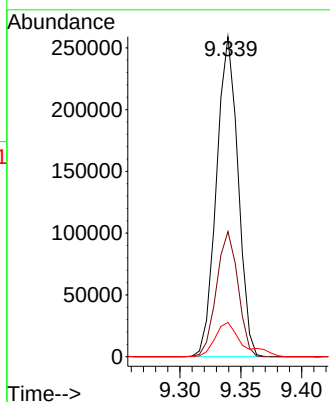
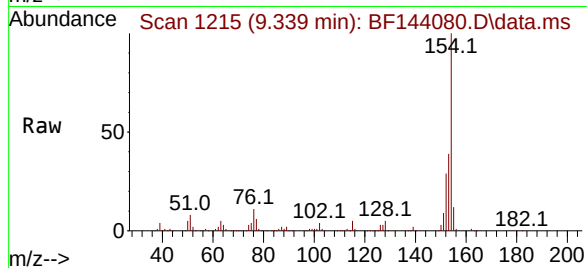
Tgt Ion:154 Resp: 319119

Ion Ratio Lower Upper

154 100

153 39.1 19.7 59.7

76 10.7 0.0 31.1



#47

2-Chloronaphthalene

Concen: 47.664 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

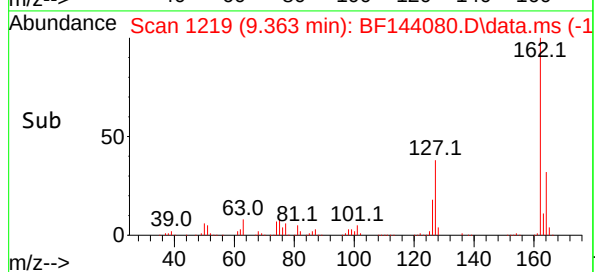
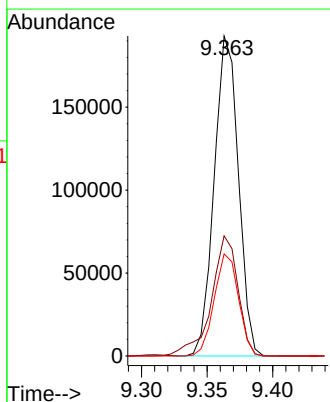
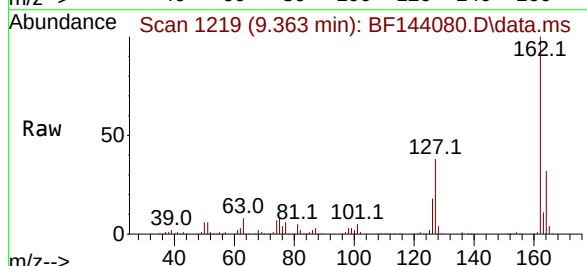
Tgt Ion:162 Resp: 247362

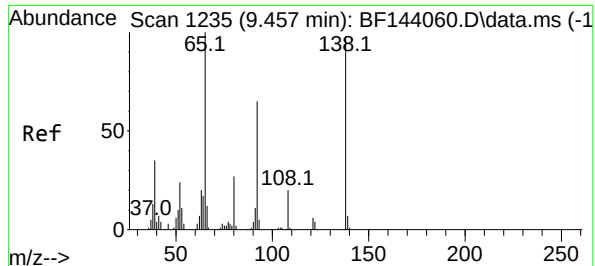
Ion Ratio Lower Upper

162 100

127 37.6 31.6 47.4

164 31.9 26.5 39.7





#48

2-Nitroaniline

Concen: 48.607 ng

RT: 9.463 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

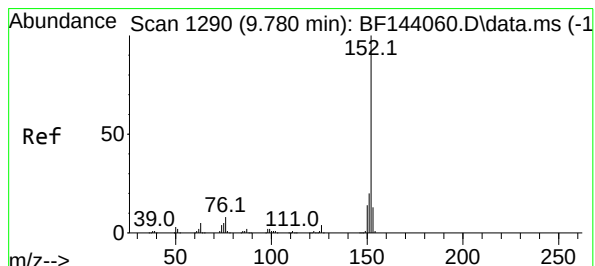
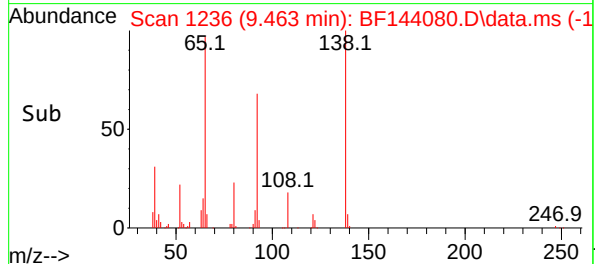
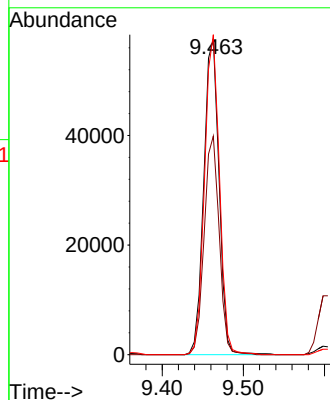
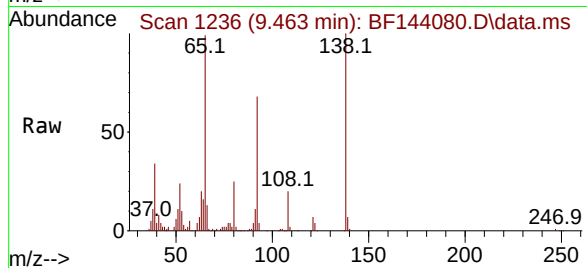
Tgt Ion: 65 Resp: 74906

Ion Ratio Lower Upper

65 100

92 69.2 52.3 78.5

138 101.3 78.3 117.5



#49

Acenaphthylene

Concen: 52.536 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

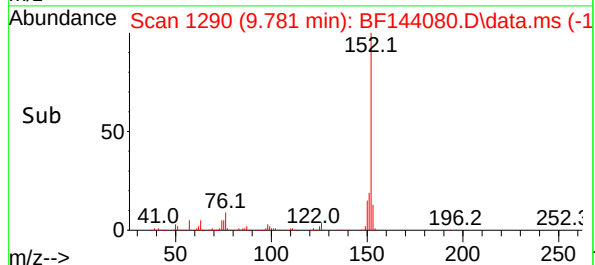
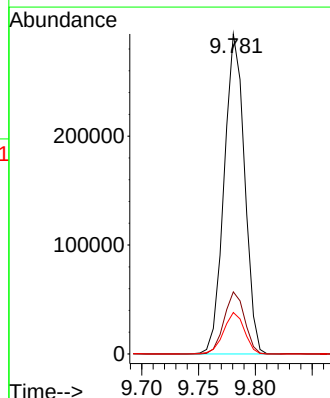
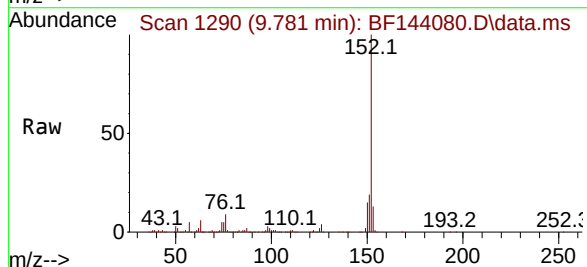
Tgt Ion: 152 Resp: 367620

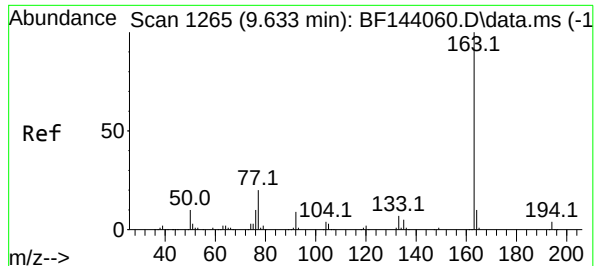
Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.9 10.4 15.6





#50

Dimethylphthalate

Concen: 48.503 ng

RT: 9.639 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

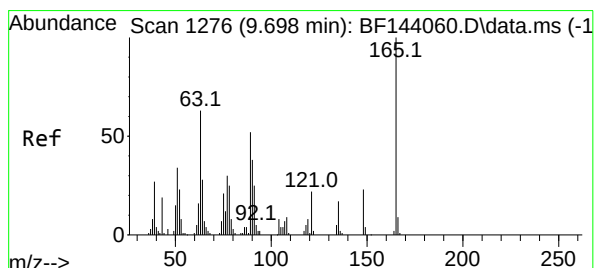
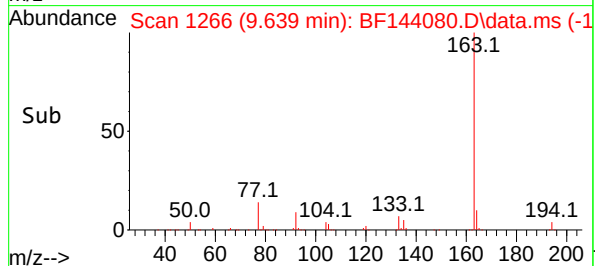
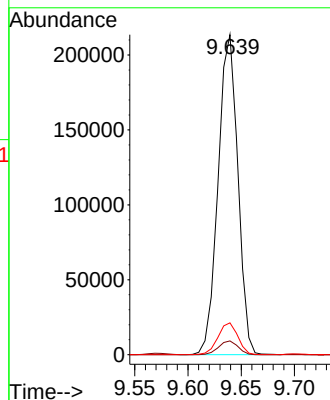
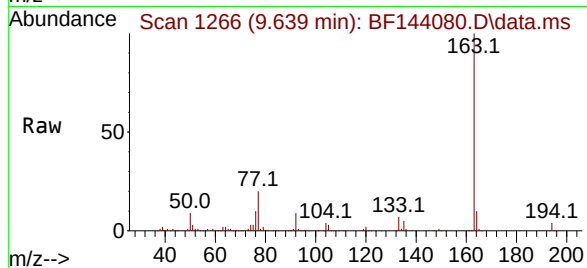
Tgt Ion:163 Resp: 275121

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 7.8 11.8



#51

2,6-Dinitrotoluene

Concen: 51.660 ng

RT: 9.704 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

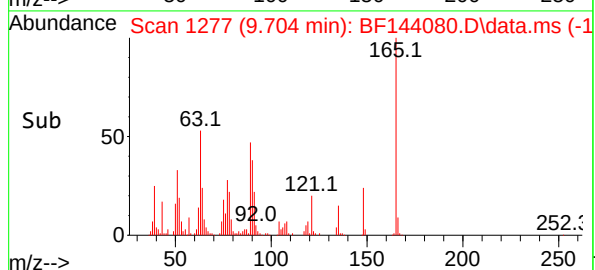
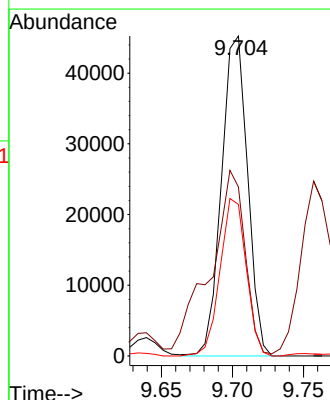
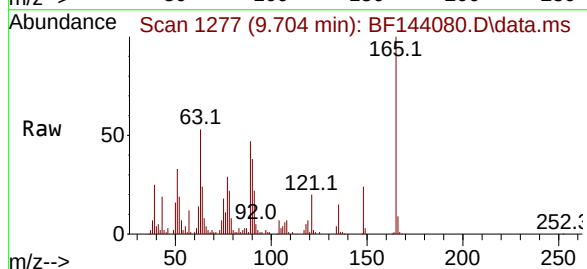
Tgt Ion:165 Resp: 57929

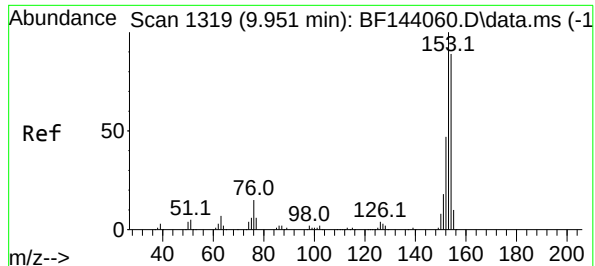
Ion Ratio Lower Upper

165 100

63 52.8 50.4 75.6

89 47.4 41.4 62.2





#52

Acenaphthene

Concen: 48.985 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

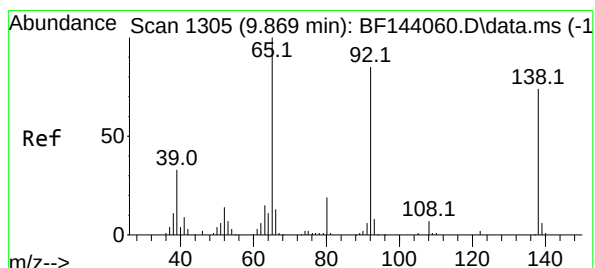
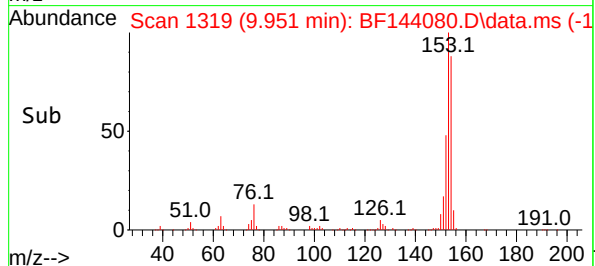
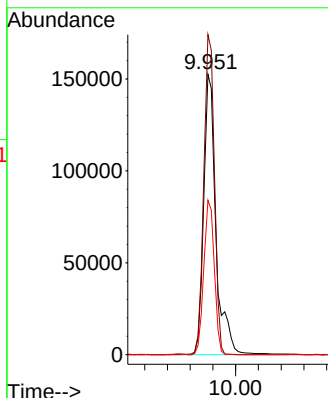
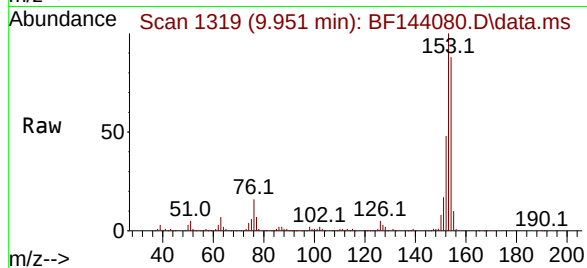
Tgt Ion:154 Resp: 228917

Ion Ratio Lower Upper

154 100

153 114.1 89.9 134.9

152 55.1 42.0 63.0



#53

3-Nitroaniline

Concen: 25.097 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

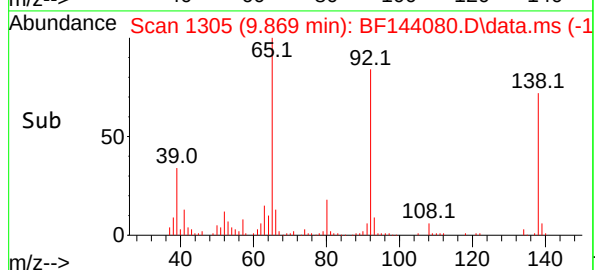
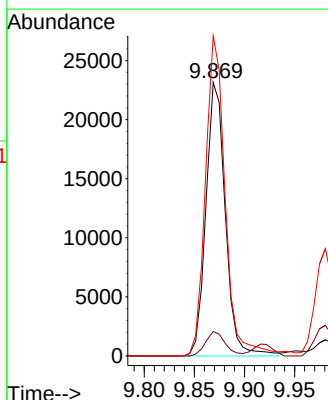
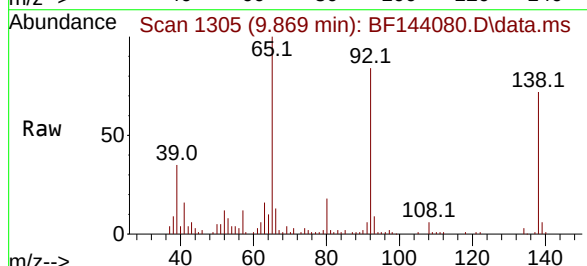
Tgt Ion:138 Resp: 31289

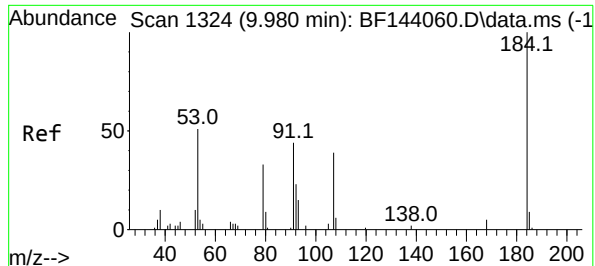
Ion Ratio Lower Upper

138 100

108 8.9 7.9 11.9

92 117.0 92.0 138.0





#54

2,4-Dinitrophenol

Concen: 87.680 ng

RT: 9.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

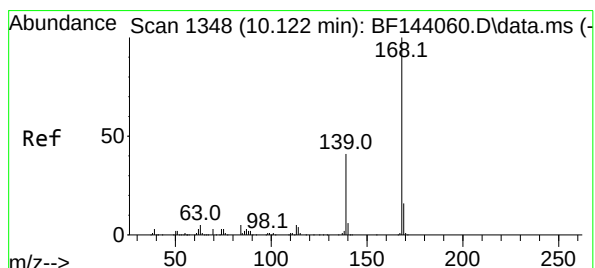
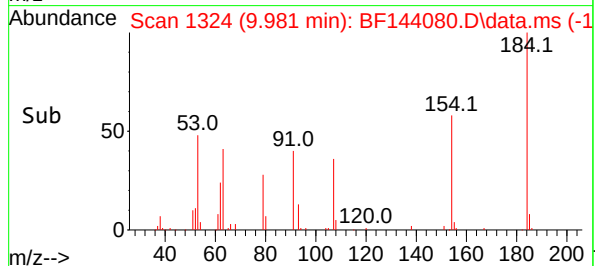
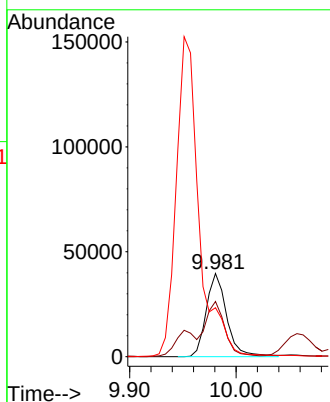
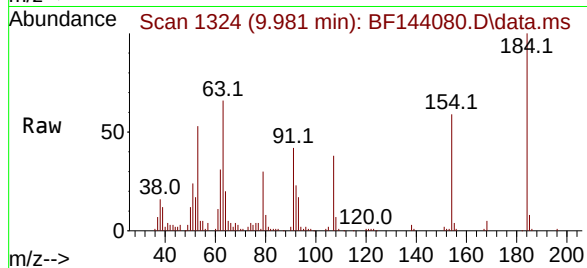
Tgt Ion:184 Resp: 53177

Ion Ratio Lower Upper

184 100

63 66.4 52.1 78.1

154 58.9 47.9 71.9



#55

Dibenzofuran

Concen: 46.925 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

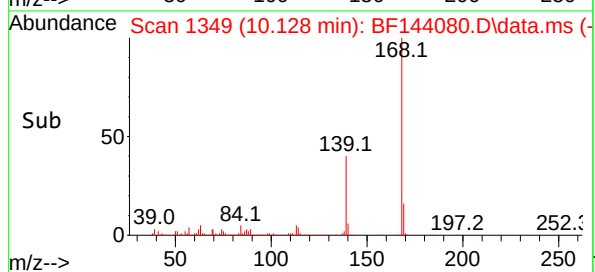
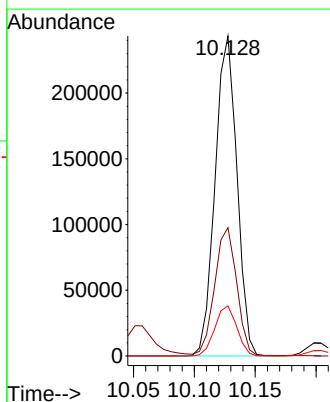
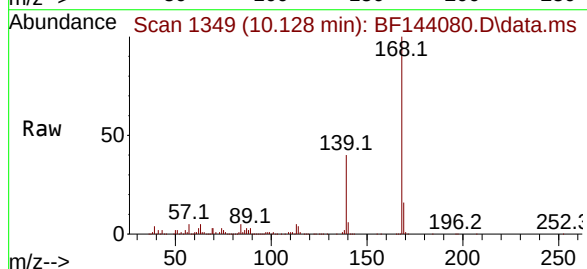
Tgt Ion:168 Resp: 304441

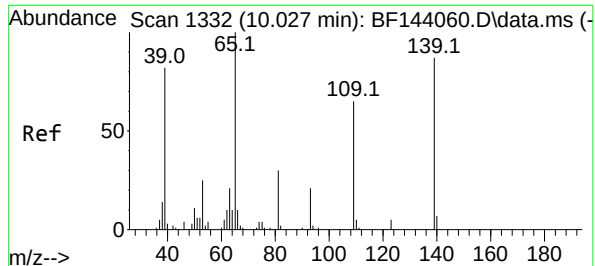
Ion Ratio Lower Upper

168 100

139 40.1 33.2 49.8

169 15.7 12.6 19.0

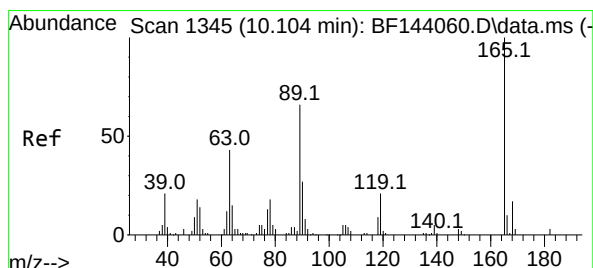
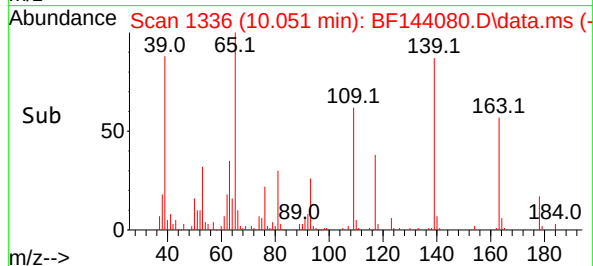
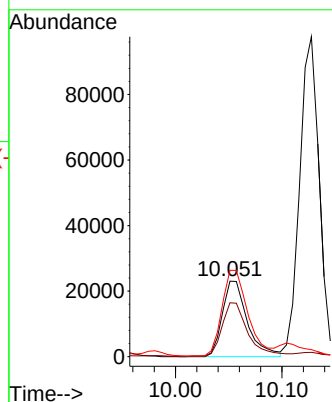
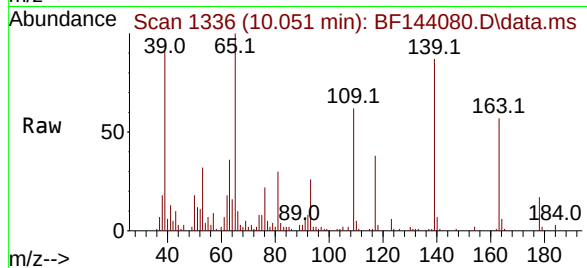




#56
4-Nitrophenol
Concen: 44.983 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.024 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

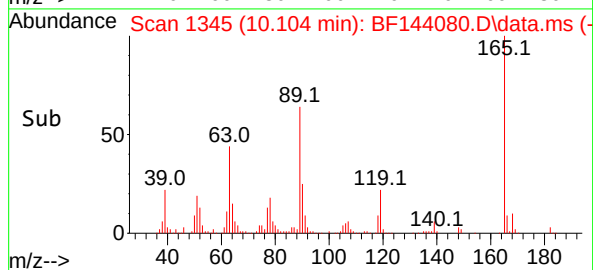
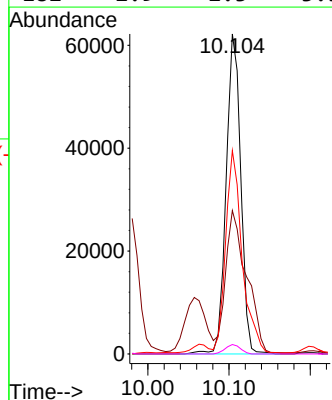
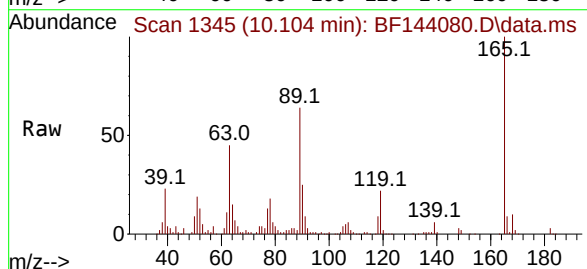
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

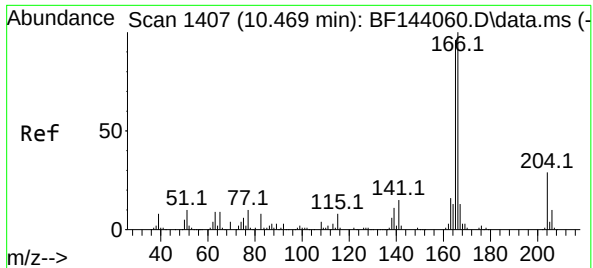
Tgt Ion:139 Resp: 37976
Ion Ratio Lower Upper
139 100
109 71.4 53.8 93.8
65 114.4 95.9 135.9



#57
2,4-Dinitrotoluene
Concen: 51.581 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:165 Resp: 78063
Ion Ratio Lower Upper
165 100
63 44.8 35.4 53.2
89 63.6 52.7 79.1
182 2.9 2.3 3.5

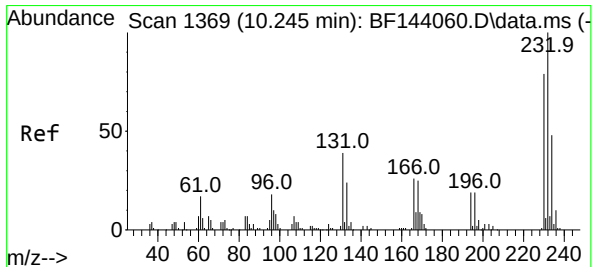
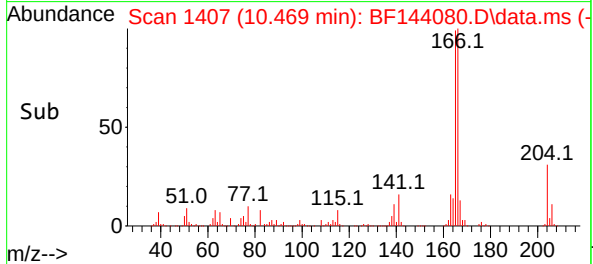
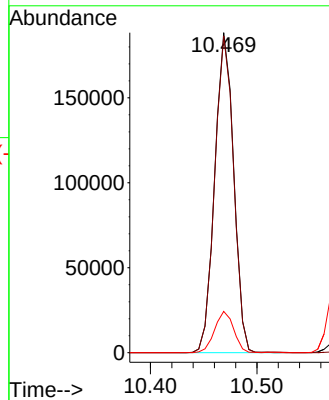
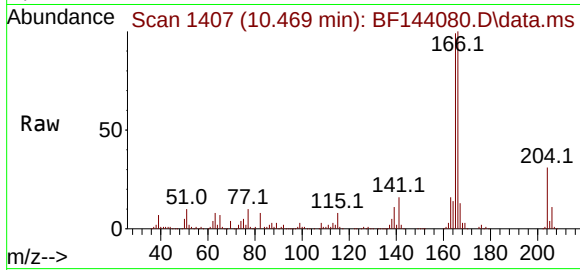




#58
Fluorene
Concen: 46.932 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

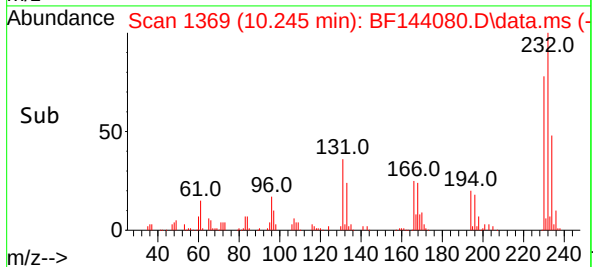
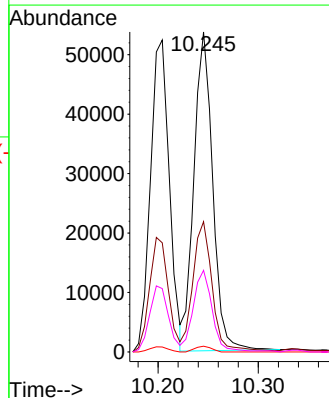
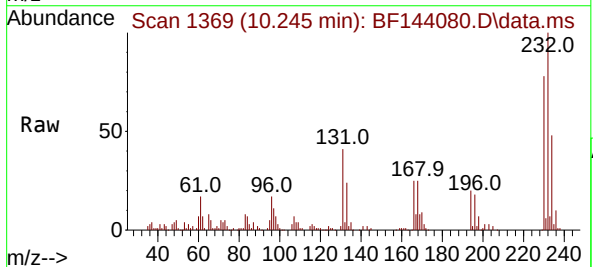
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

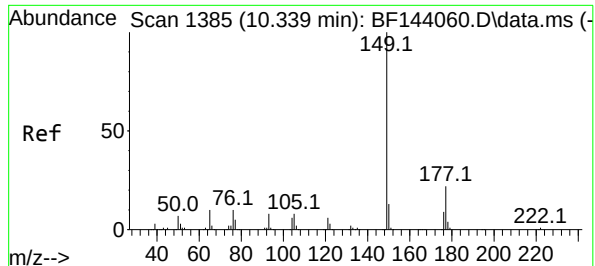
Tgt Ion:166 Resp: 232000
Ion Ratio Lower Upper
166 100
165 99.0 77.0 115.4
167 12.9 10.2 15.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 48.794 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:232 Resp: 69758
Ion Ratio Lower Upper
232 100
131 41.2 31.9 47.9
130 1.6 1.1 1.7
166 26.2 21.0 31.4





#60

Diethylphthalate

Concen: 46.990 ng

RT: 10.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

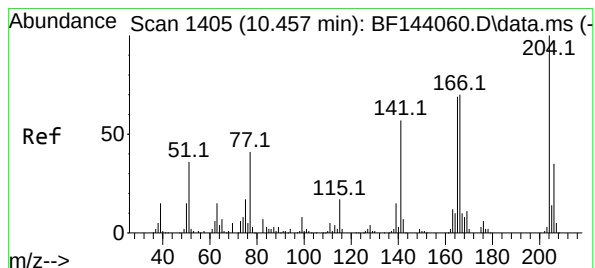
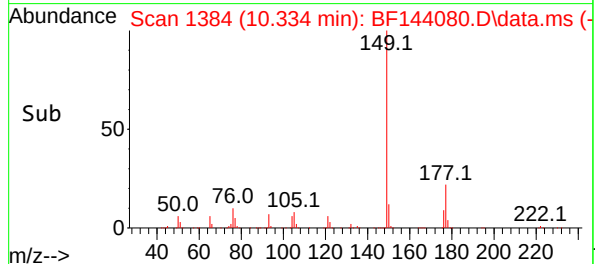
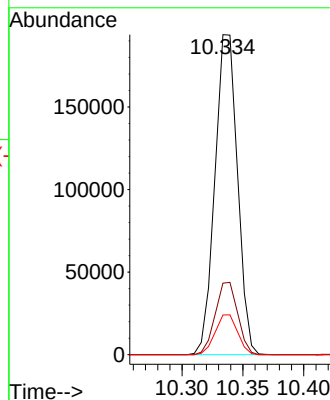
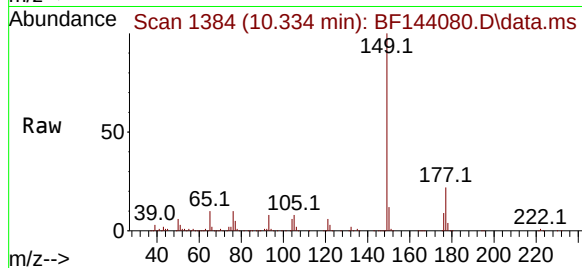
Tgt Ion:149 Resp: 250658

Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.6

150 12.4 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 46.187 ng

RT: 10.457 min Scan# 1405

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

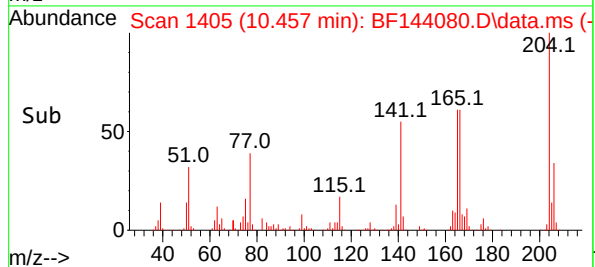
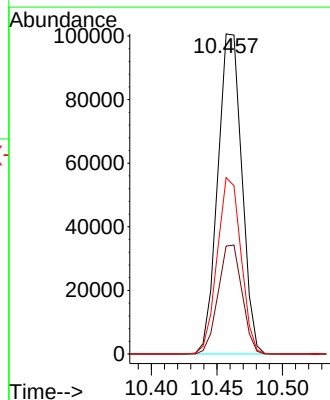
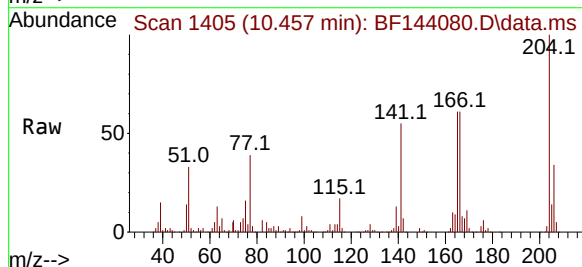
Tgt Ion:204 Resp: 128399

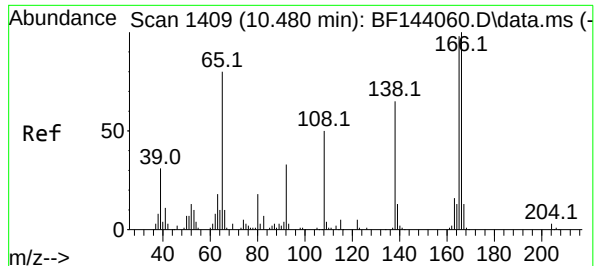
Ion Ratio Lower Upper

204 100

206 33.7 27.8 41.6

141 55.1 45.4 68.2

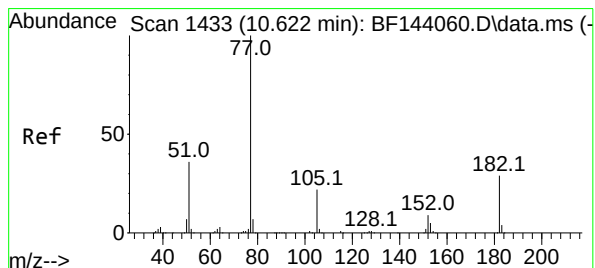
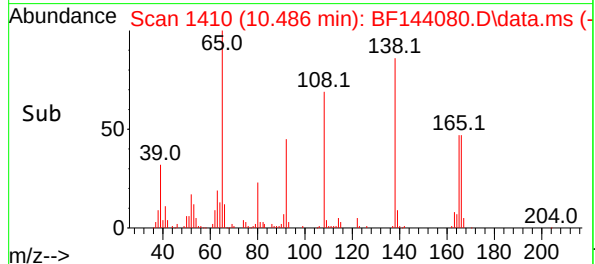
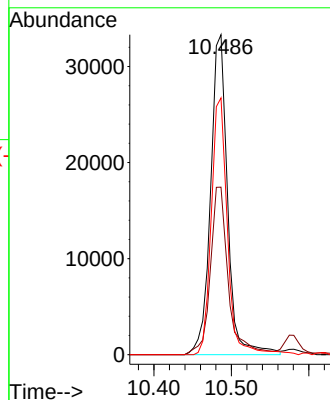
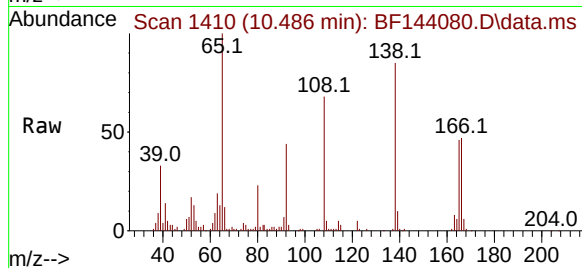




#62
4-Nitroaniline
Concen: 43.021 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

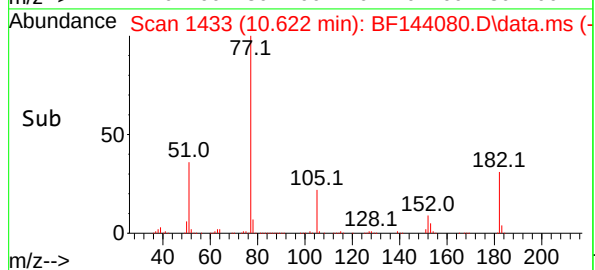
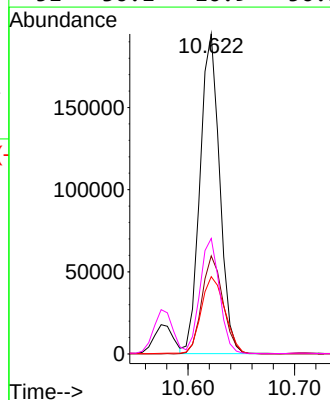
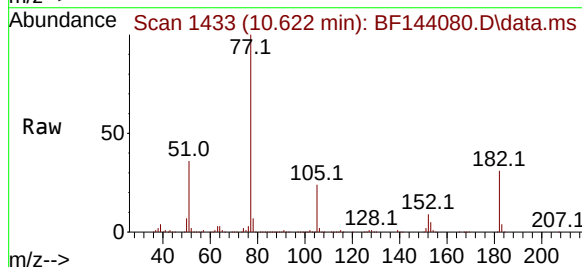
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

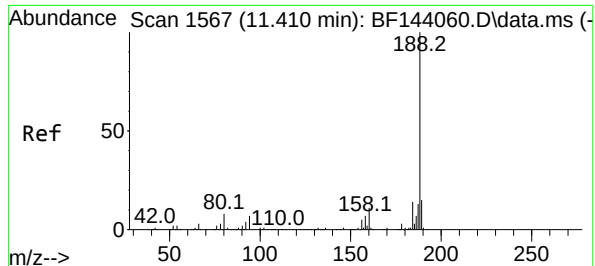
Tgt Ion:138 Resp: 50820
Ion Ratio Lower Upper
138 100
92 52.4 30.5 70.5
108 80.3 56.2 96.2



#63
Azobenzene
Concen: 49.416 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion: 77 Resp: 249492
Ion Ratio Lower Upper
77 100
182 30.6 9.0 49.0
105 24.1 1.4 41.4
51 36.1 16.9 56.9

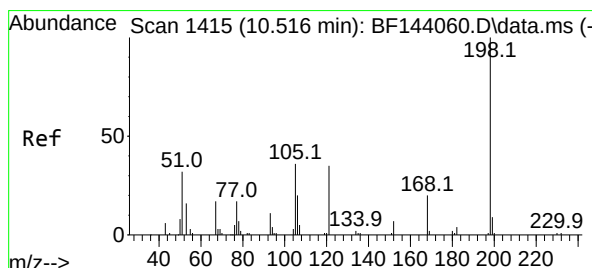
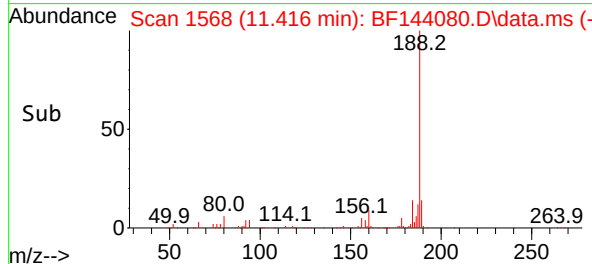
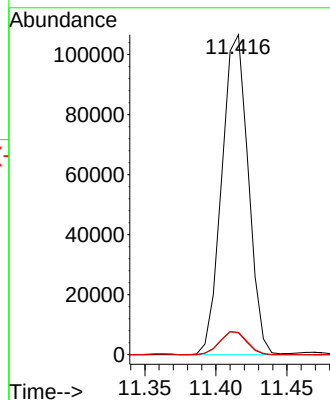
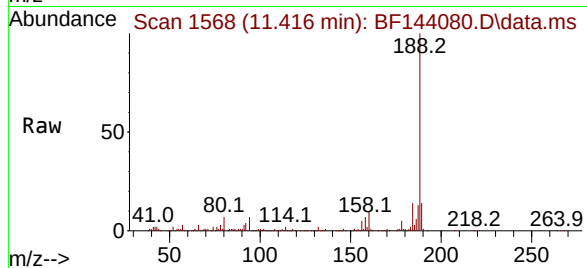




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

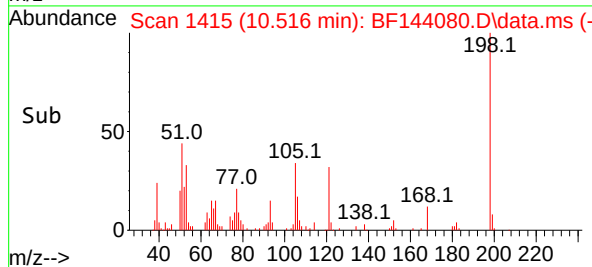
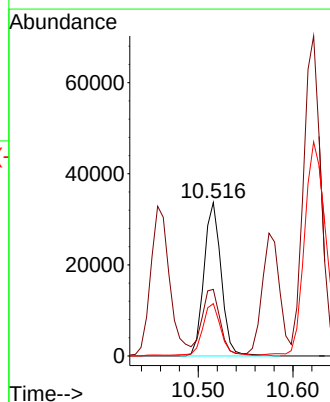
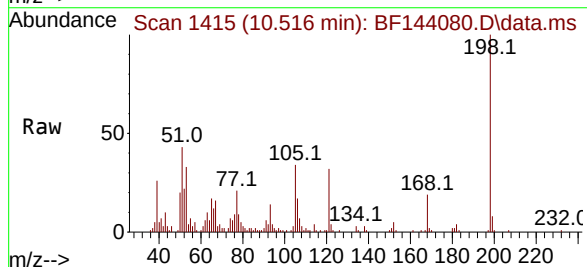
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

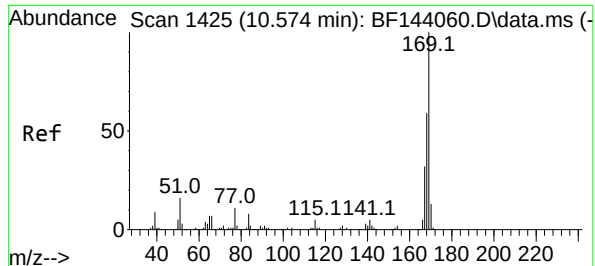
Tgt Ion:188 Resp: 138271
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.0 6.0 9.0



#65
4,6-Dinitro-2-methylphenol
Concen: 48.117 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:198 Resp: 42686
Ion Ratio Lower Upper
198 100
51 43.4 25.8 65.8
105 34.1 17.2 57.2

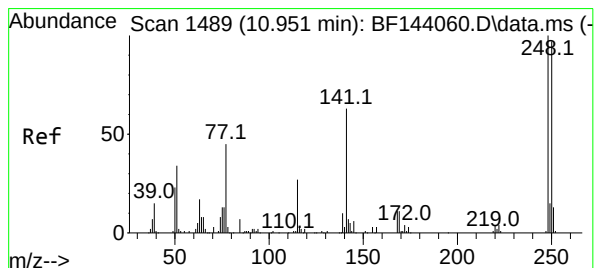
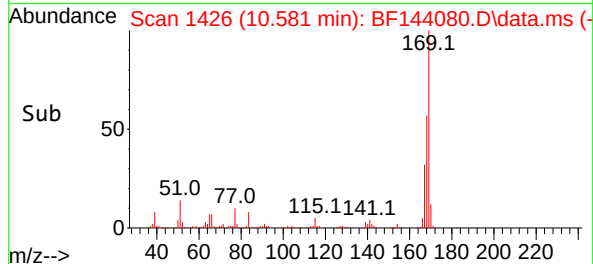
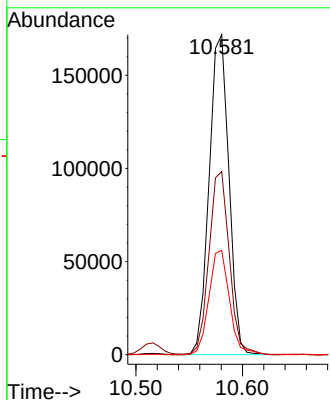
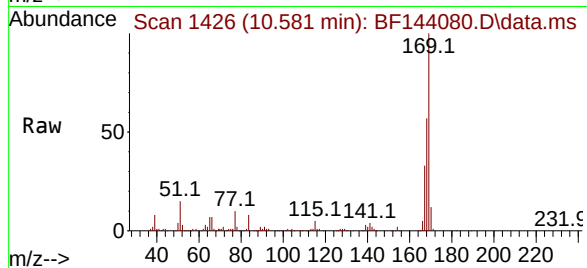




#66
n-Nitrosodiphenylamine
Concen: 50.065 ng
RT: 10.581 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

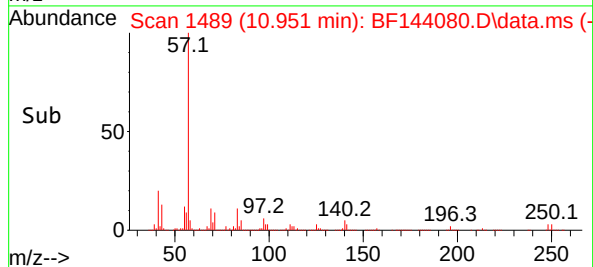
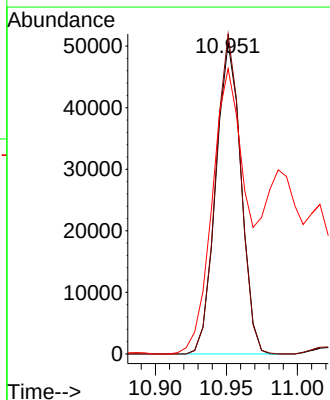
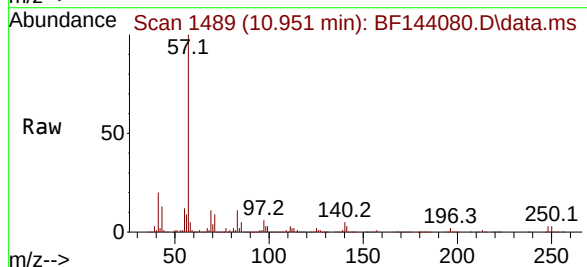
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

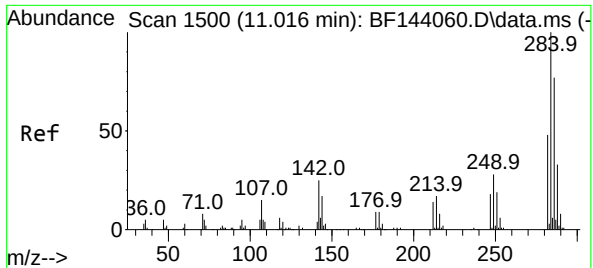
Tgt Ion:169 Resp: 221176
Ion Ratio Lower Upper
169 100
168 57.2 47.4 71.2
167 32.6 25.5 38.3



#67
4-Bromophenyl-phenylether
Concen: 36.046 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:248 Resp: 62404
Ion Ratio Lower Upper
248 100
250 102.8 77.8 116.6
141 91.6 50.5 75.7#

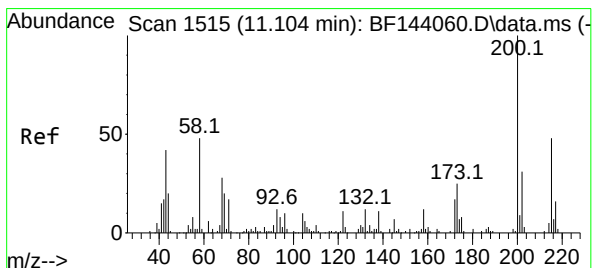
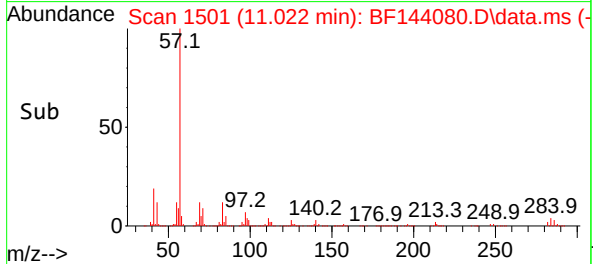
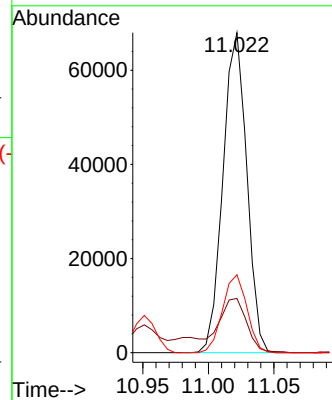
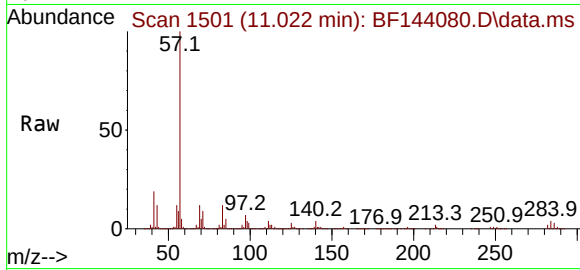




#68
Hexachlorobenzene
Concen: 40.346 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

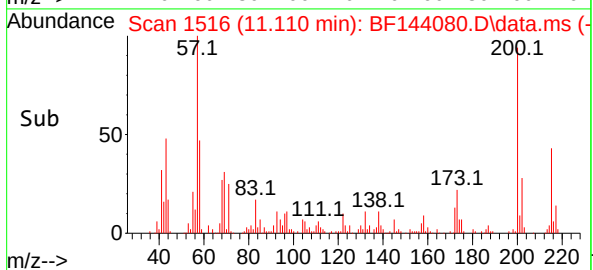
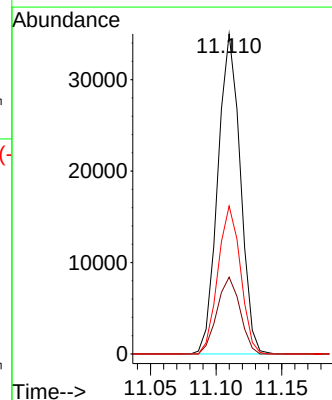
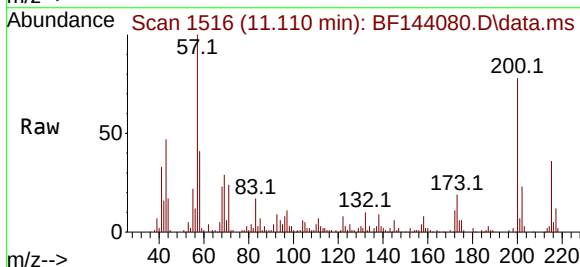
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

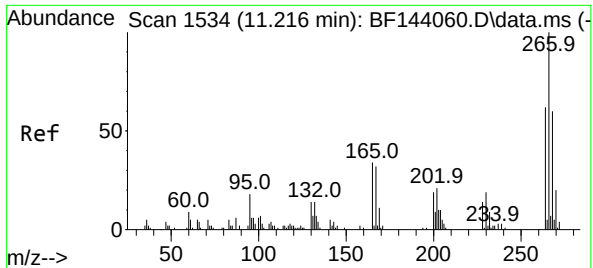
Tgt Ion:284 Resp: 85664
Ion Ratio Lower Upper
284 100
142 17.0 20.0 30.0#
249 24.3 22.2 33.2



#69
Atrazine
Concen: 28.748 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:200 Resp: 41676
Ion Ratio Lower Upper
200 100
173 24.0 4.9 44.9
215 46.2 28.2 68.2

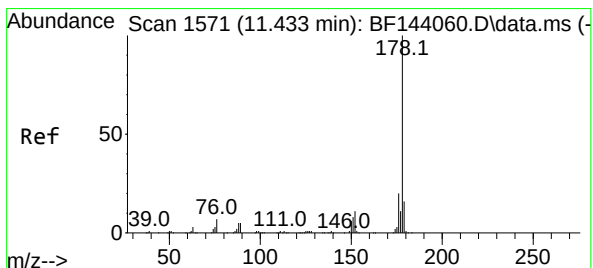
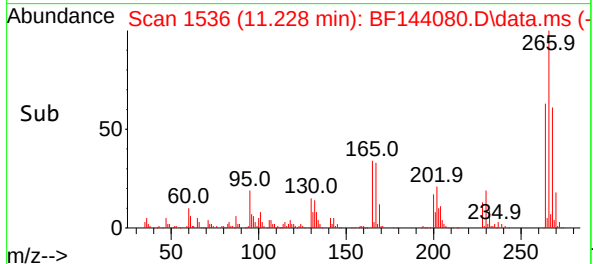
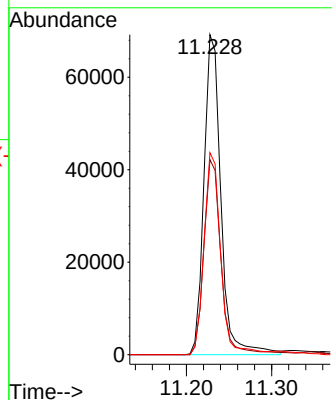
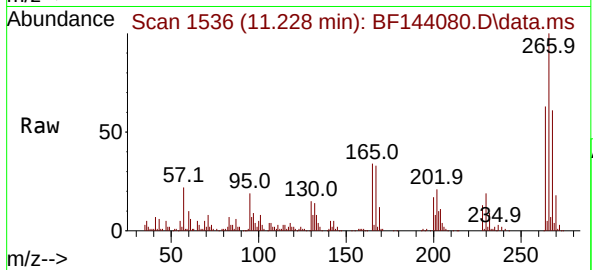




#70
 Pentachlorophenol
 Concen: 94.653 ng
 RT: 11.228 min Scan# 1536
 Delta R.T. 0.012 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

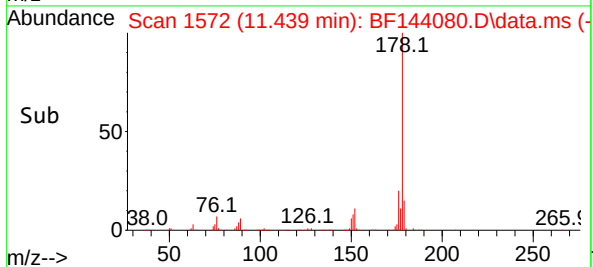
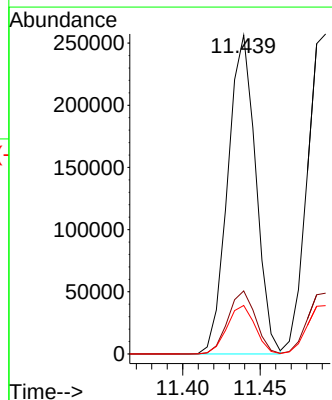
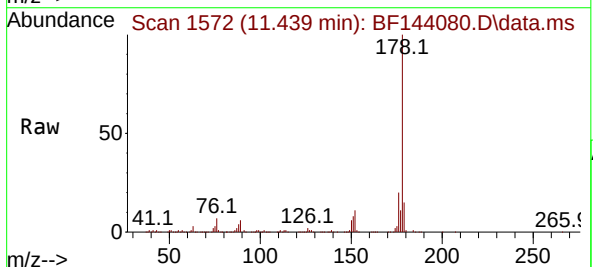
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS

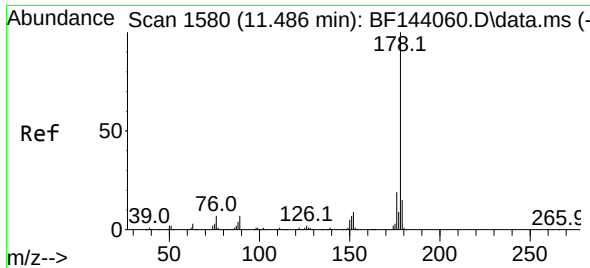
Tgt Ion:266 Resp: 95662
 Ion Ratio Lower Upper
 266 100
 268 61.0 48.2 72.4
 264 63.1 49.4 74.0



#71
 Phenanthrene
 Concen: 46.787 ng
 RT: 11.439 min Scan# 1572
 Delta R.T. 0.006 min
 Lab File: BF144080.D
 Acq: 27 Oct 2025 13:34

Tgt Ion:178 Resp: 321362
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.2 12.6 18.8

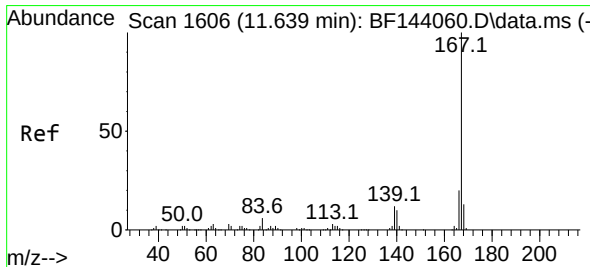
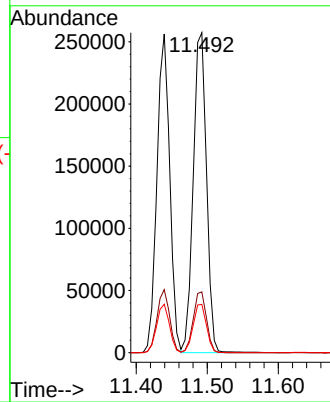
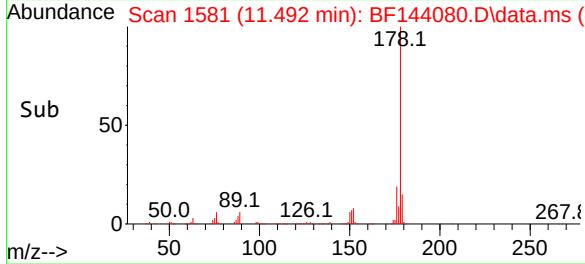
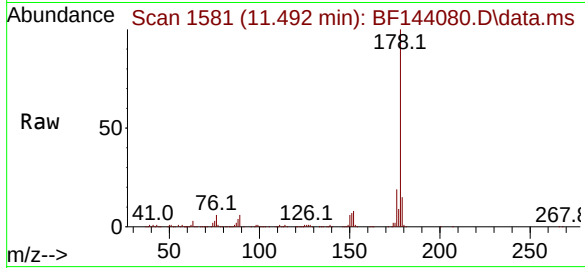




#72
Anthracene
Concen: 47.139 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

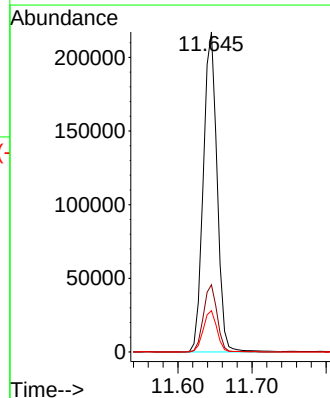
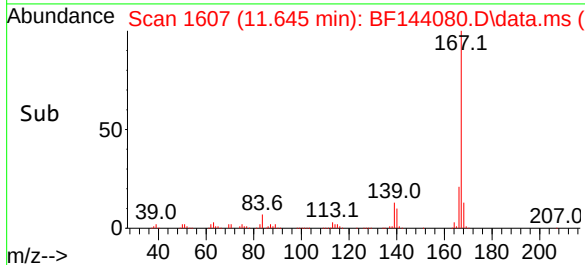
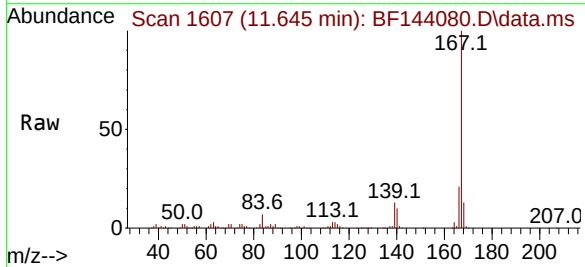
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

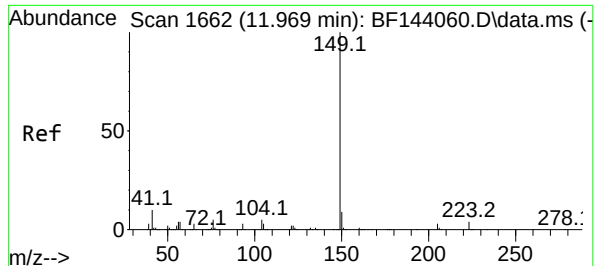
Tgt Ion:178 Resp: 334471
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.1 11.8 17.6



#73
Carbazole
Concen: 46.409 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:167 Resp: 280282
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.9 9.8 14.6





#74

Di-n-butylphthalate

Concen: 45.885 ng

RT: 11.969 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

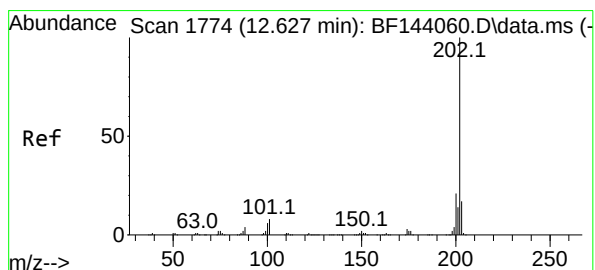
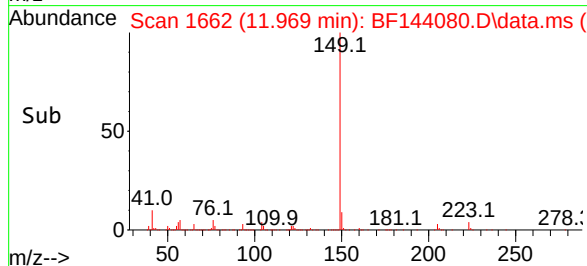
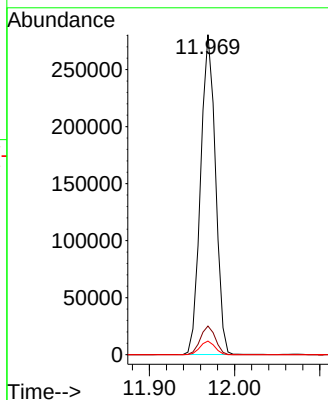
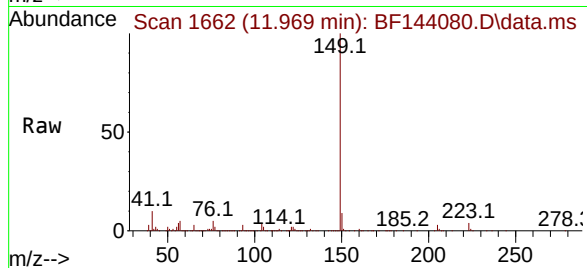
Tgt Ion:149 Resp: 339754

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.3 3.6 5.4



#75

Fluoranthene

Concen: 46.898 ng

RT: 12.628 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

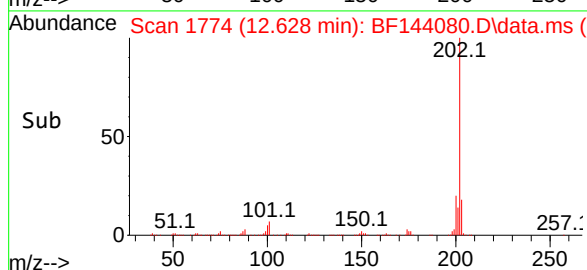
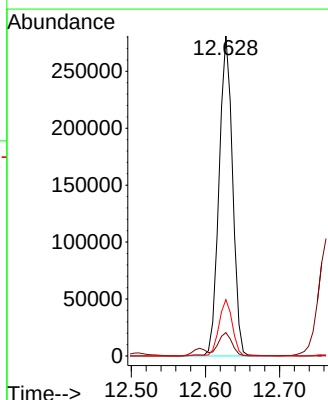
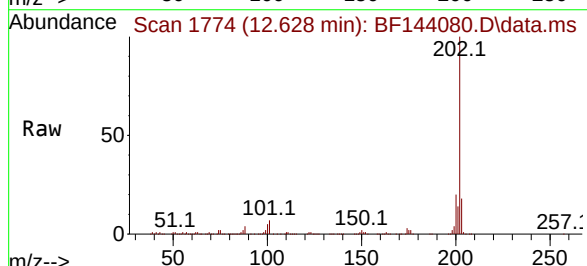
Tgt Ion:202 Resp: 355887

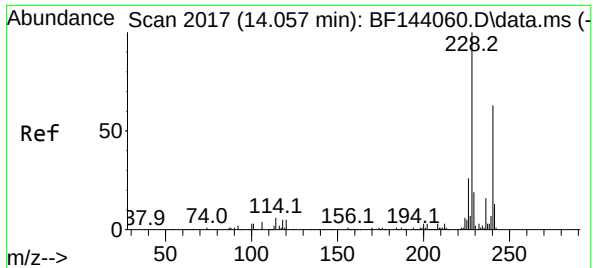
Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.7

203 17.6 0.0 37.3

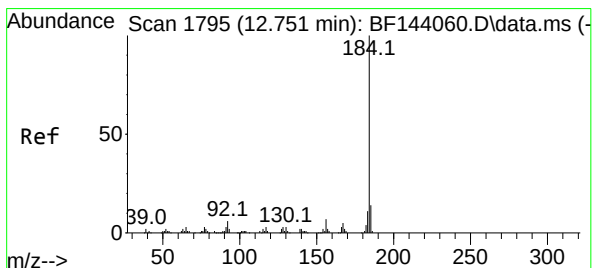
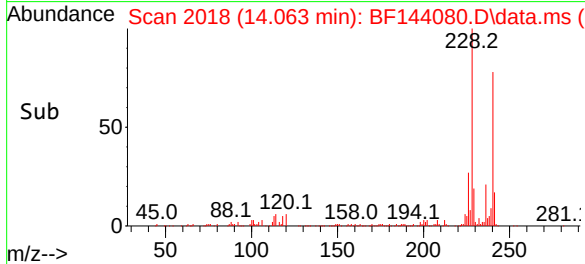
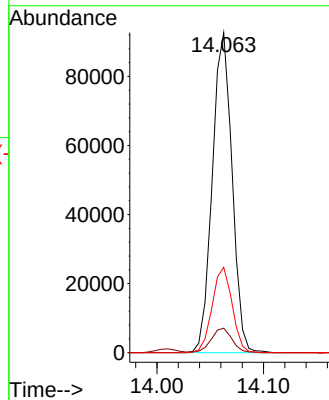
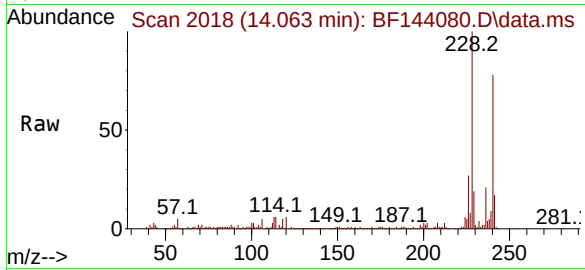




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

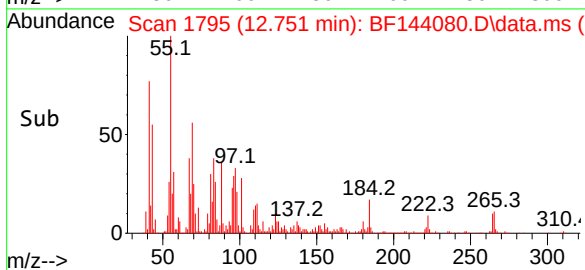
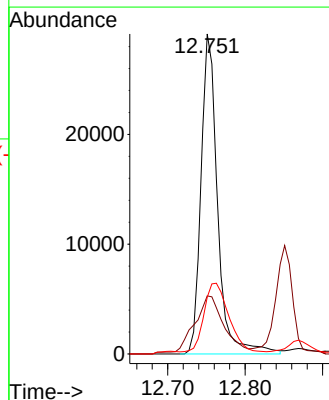
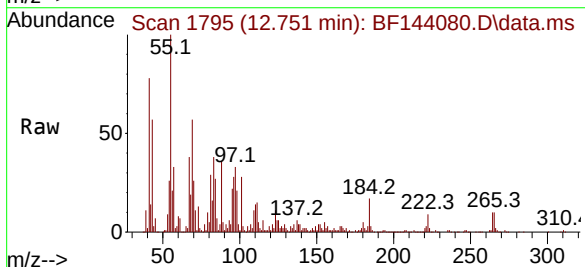
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

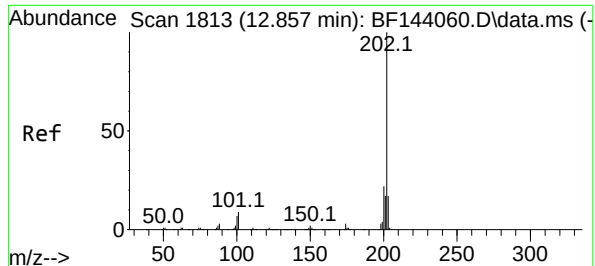
Tgt Ion:240 Resp: 119266
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 26.7 20.1 30.1



#77
Benzidine
Concen: 11.656 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144080.D
Acq: 27 Oct 2025 13:34

Tgt Ion:184 Resp: 43263
Ion Ratio Lower Upper
184 100
185 18.1 11.6 17.4#
183 17.7 8.5 12.7#





#78

Pyrene

Concen: 31.489 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

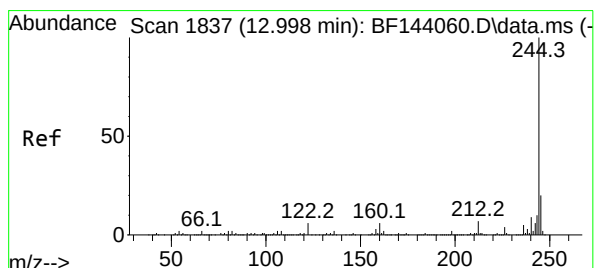
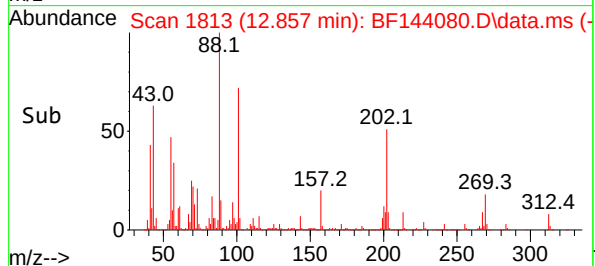
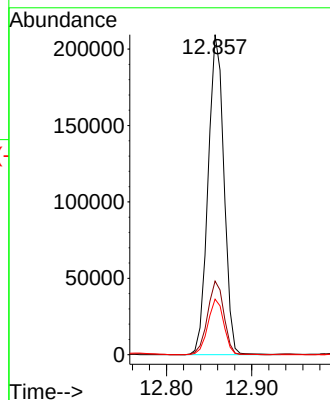
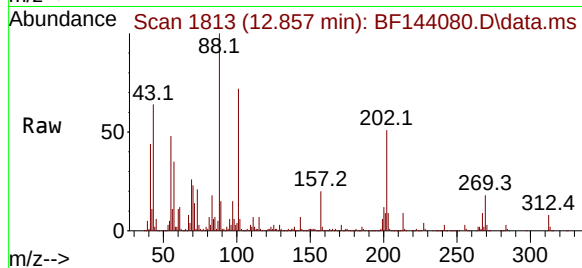
Tgt Ion:202 Resp: 270003

Ion Ratio Lower Upper

202 100

200 23.0 17.2 25.8

203 17.3 13.5 20.3



#79

Terphenyl-d14

Concen: 84.118 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

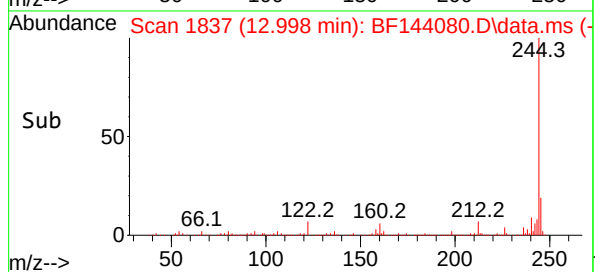
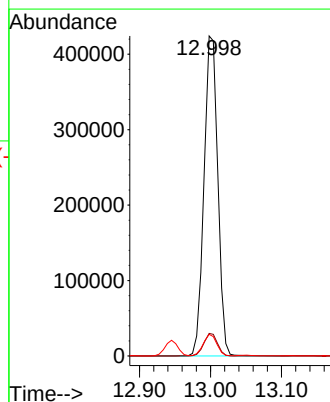
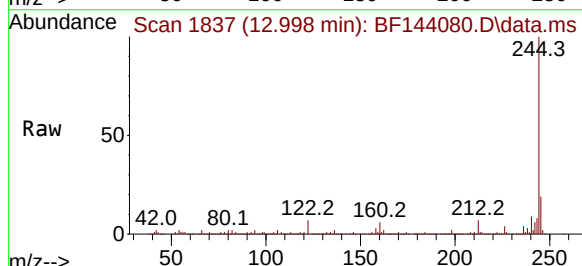
Tgt Ion:244 Resp: 573867

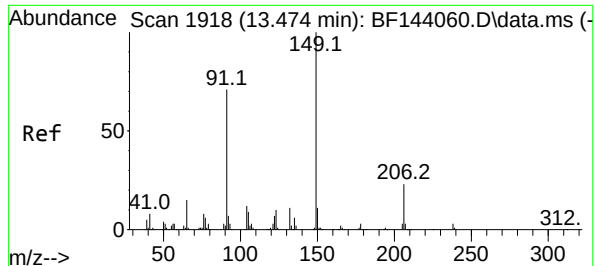
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.7 4.9 7.3





#80

Butylbenzylphthalate

Concen: 46.284 ng

RT: 13.475 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

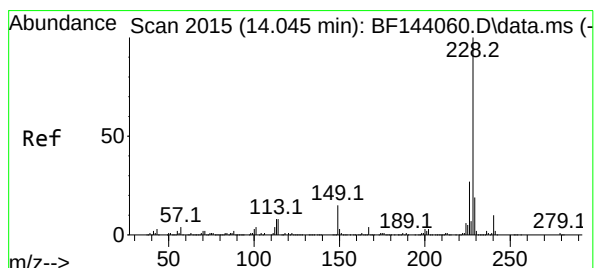
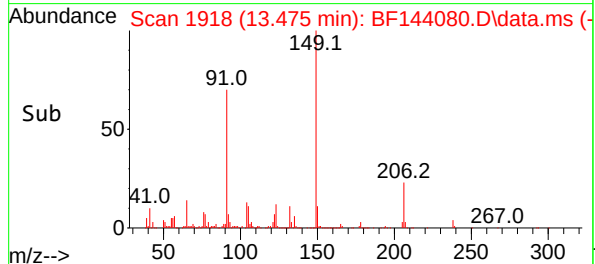
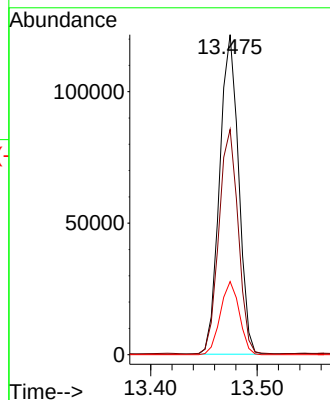
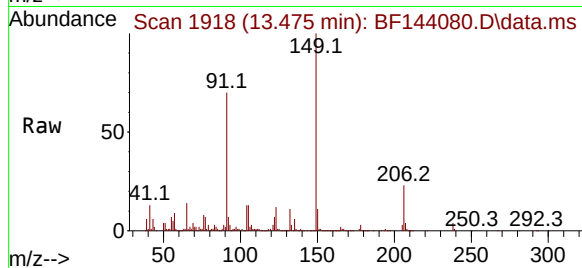
Tgt Ion:149 Resp: 150139

Ion Ratio Lower Upper

149 100

91 70.4 56.6 84.8

206 22.8 18.3 27.5



#81

Benzo(a)anthracene

Concen: 48.928 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

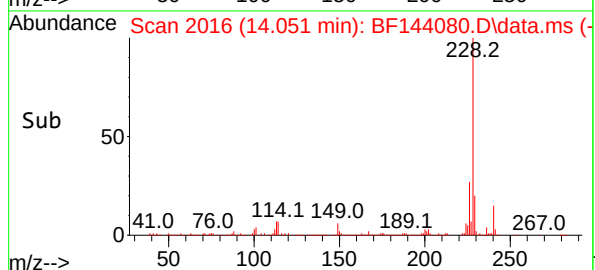
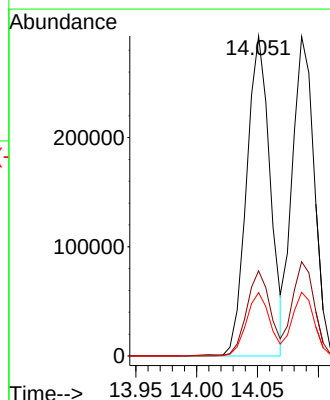
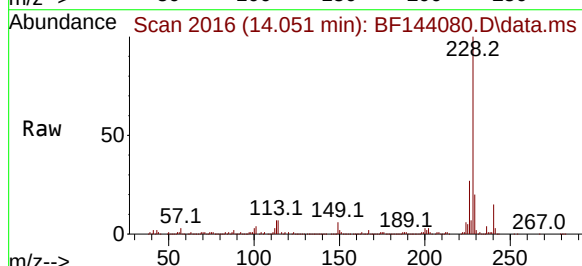
Tgt Ion:228 Resp: 394362

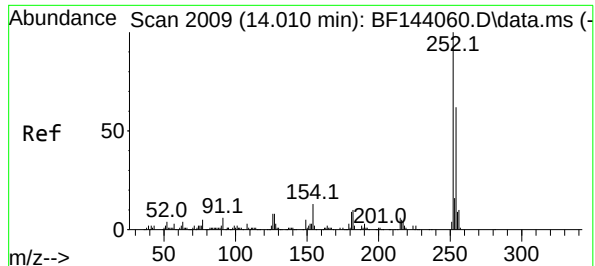
Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.2

229 19.8 15.3 22.9





#82

3,3'-Dichlorobenzidine

Concen: 29.022 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

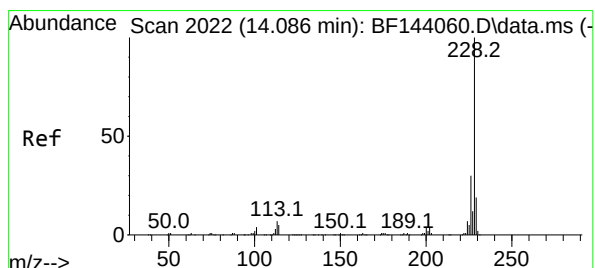
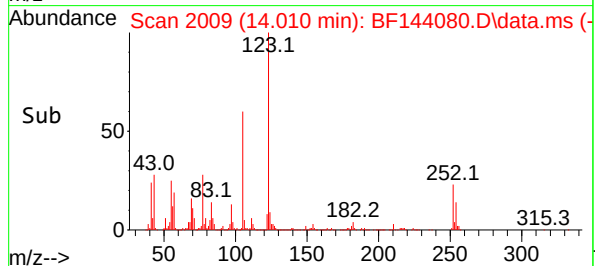
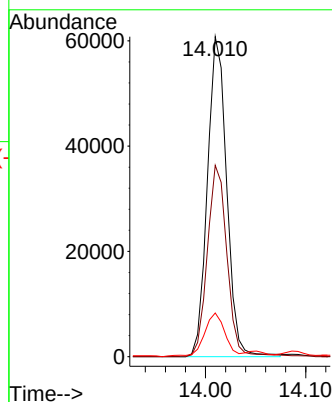
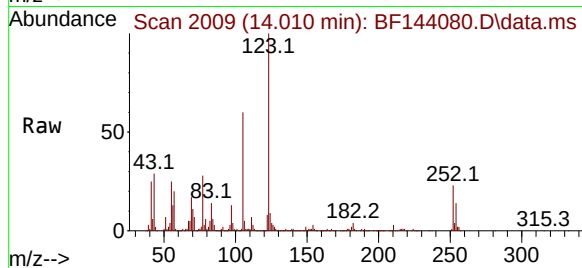
Tgt Ion:252 Resp: 81428

Ion Ratio Lower Upper

252 100

254 59.8 49.9 74.9

126 13.7 6.5 9.7#



#83

Chrysene

Concen: 48.860 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

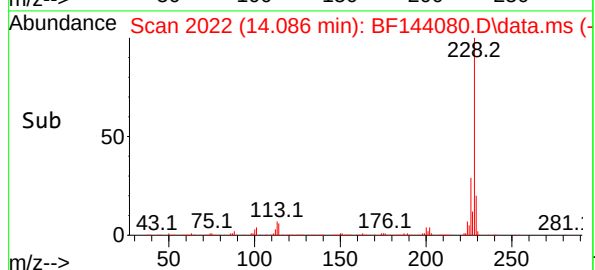
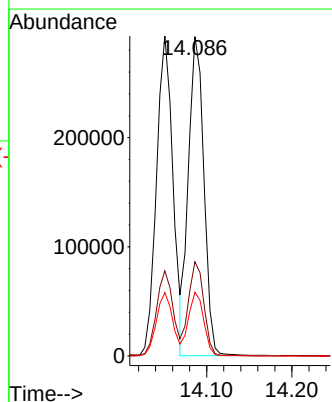
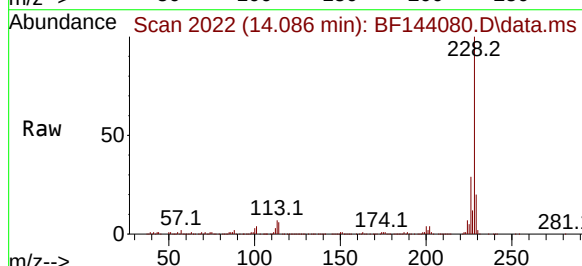
Tgt Ion:228 Resp: 369557

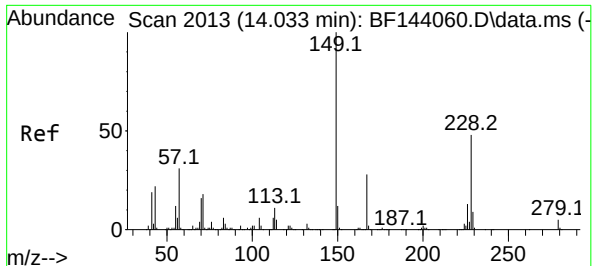
Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 20.0 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 63.978 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

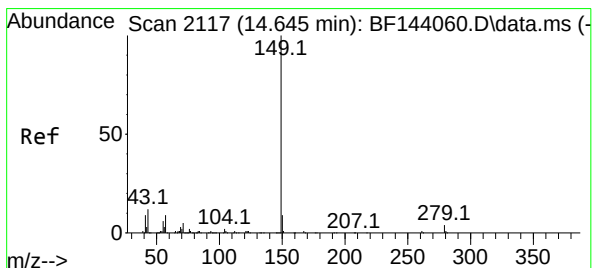
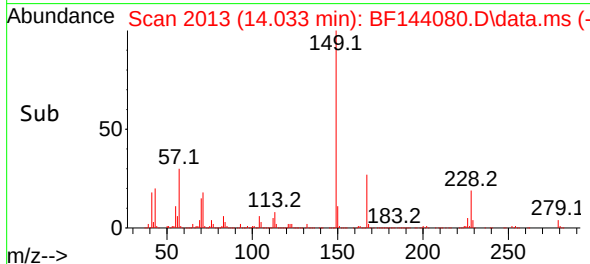
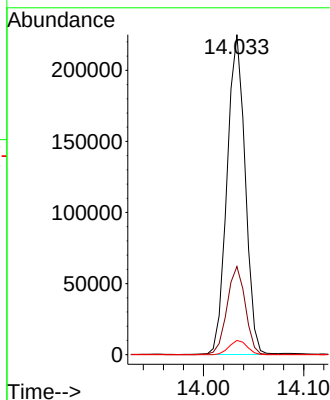
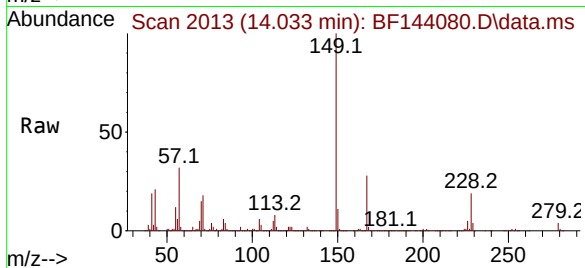
Tgt Ion:149 Resp: 283322

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.4 3.6 5.4



#85

Di-n-octyl phthalate

Concen: 53.206 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

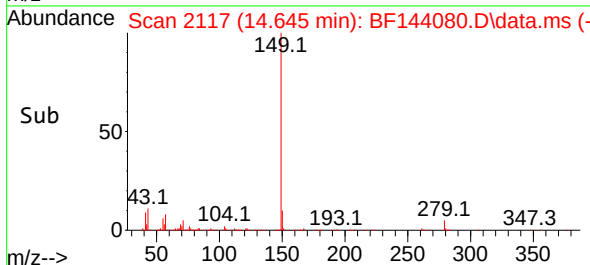
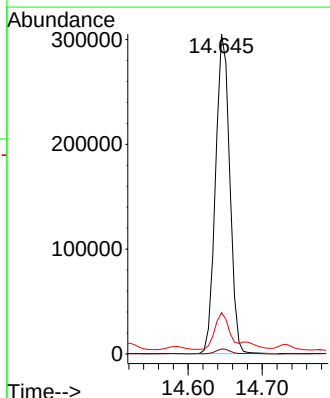
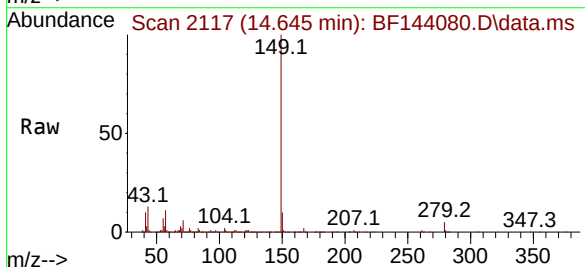
Tgt Ion:149 Resp: 405201

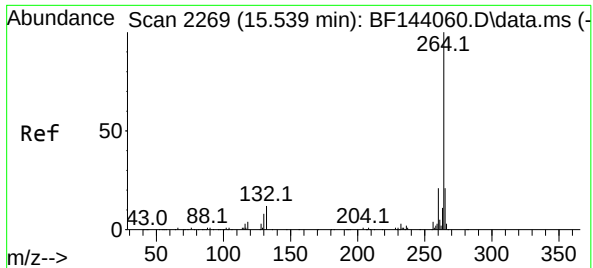
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.7 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

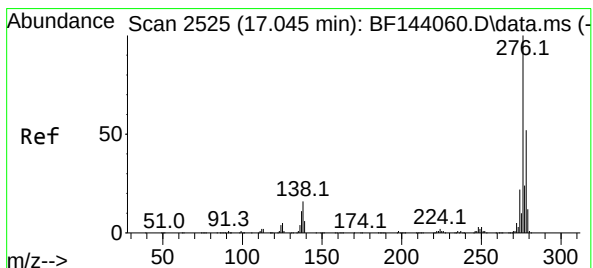
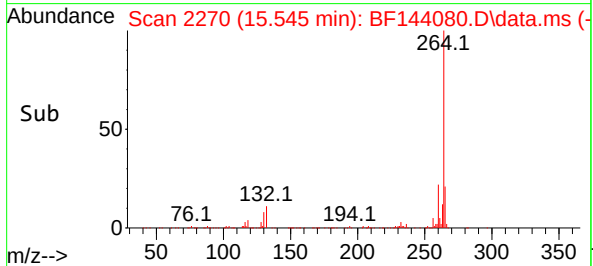
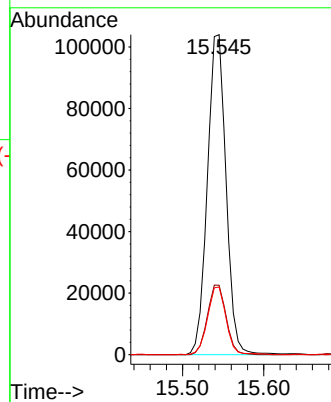
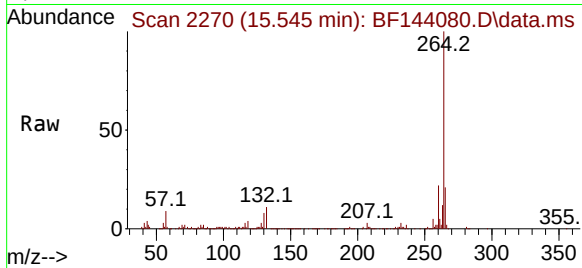
Tgt Ion:264 Resp: 165835

Ion Ratio Lower Upper

264 100

260 21.7 17.0 25.4

265 21.2 16.6 24.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.849 ng

RT: 17.051 min Scan# 2526

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

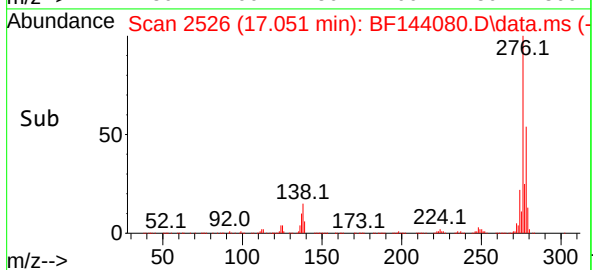
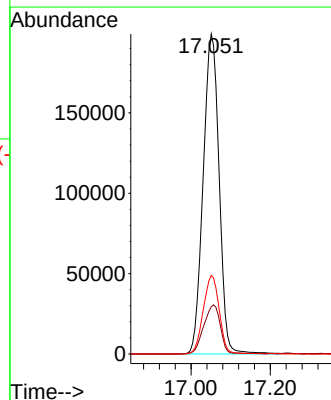
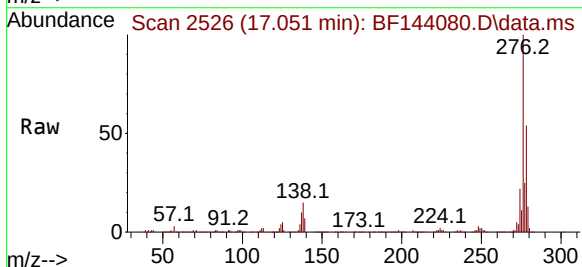
Tgt Ion:276 Resp: 556174

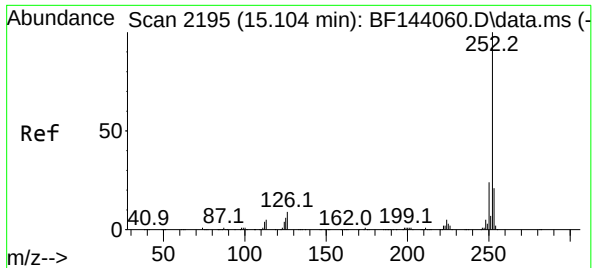
Ion Ratio Lower Upper

276 100

138 15.9 13.0 19.6

277 24.5 19.4 29.0





#88

Benzo(b)fluoranthene

Concen: 47.120 ng

RT: 15.110 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

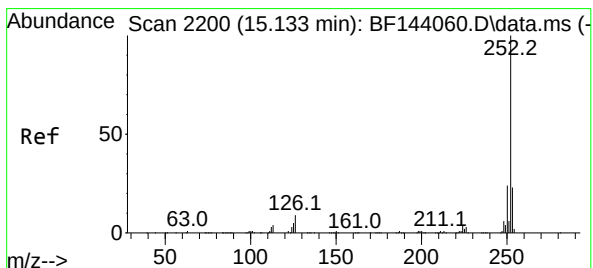
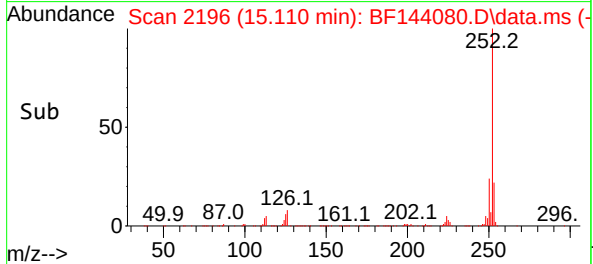
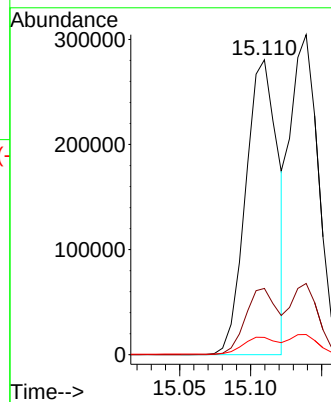
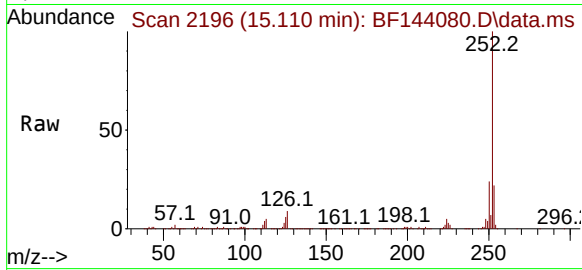
Tgt Ion:252 Resp: 441763

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 5.9 5.0 7.6



#89

Benzo(k)fluoranthene

Concen: 48.220 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

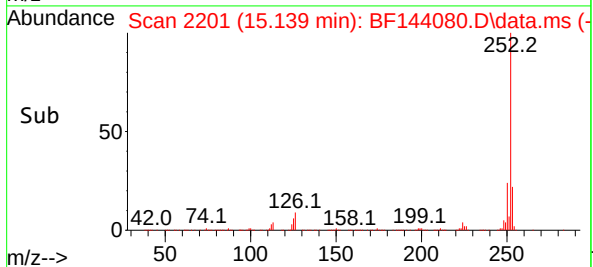
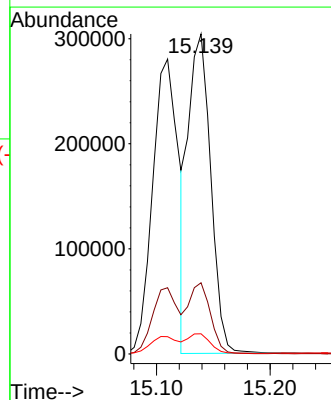
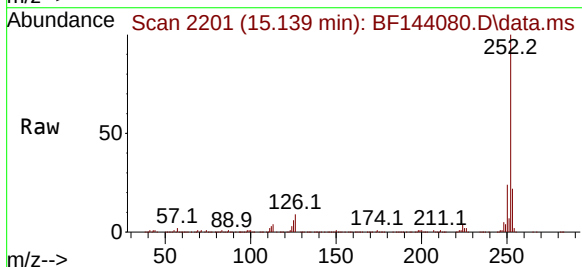
Tgt Ion:252 Resp: 417100

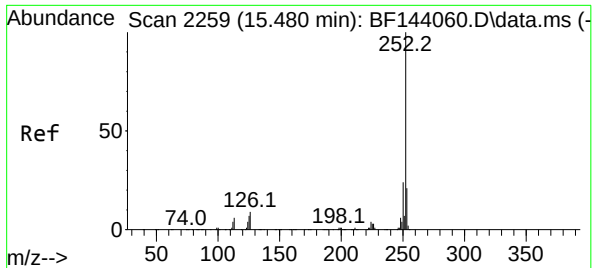
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 6.3 4.9 7.3





#90

Benzo(a)pyrene

Concen: 50.240 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

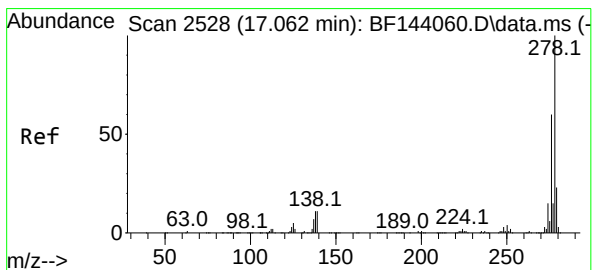
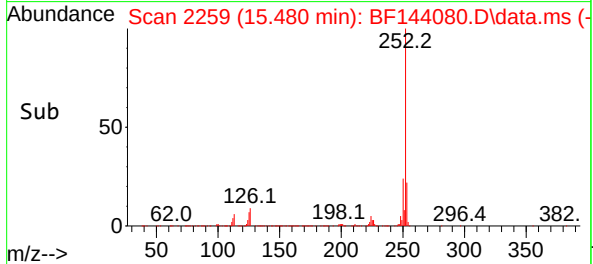
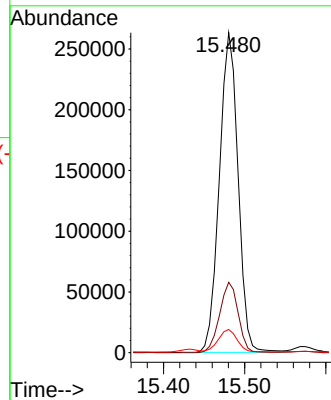
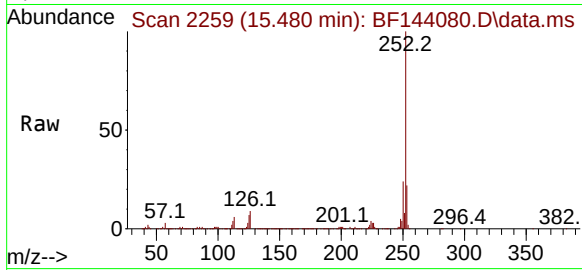
Tgt Ion:252 Resp: 422556

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 7.3 5.4 8.2



#91

Dibenzo(a,h)anthracene

Concen: 48.933 ng

RT: 17.068 min Scan# 2529

Delta R.T. 0.006 min

Lab File: BF144080.D

Acq: 27 Oct 2025 13:34

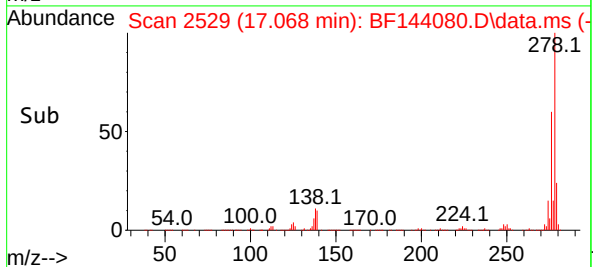
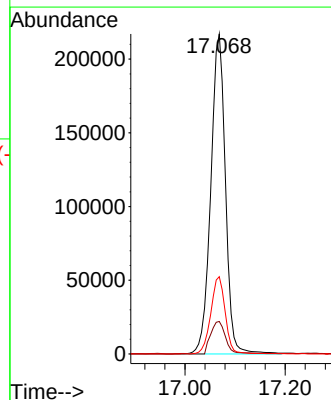
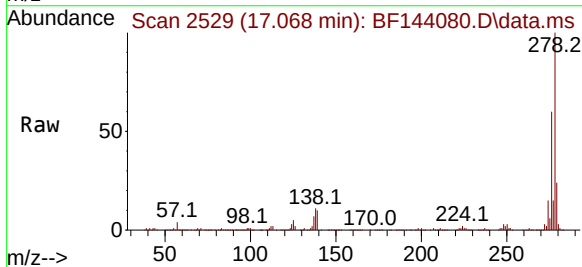
Tgt Ion:278 Resp: 441007

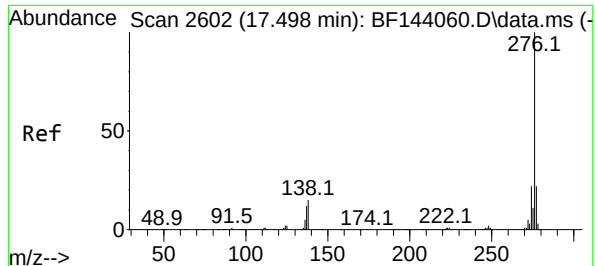
Ion Ratio Lower Upper

278 100

139 10.1 8.5 12.7

279 24.1 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 49.714 ng

RT: 17.510 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF144080.D

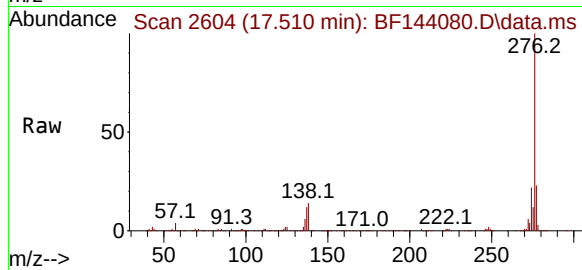
Acq: 27 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



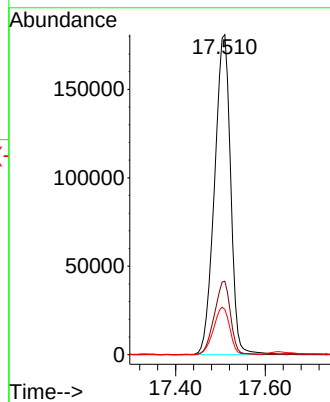
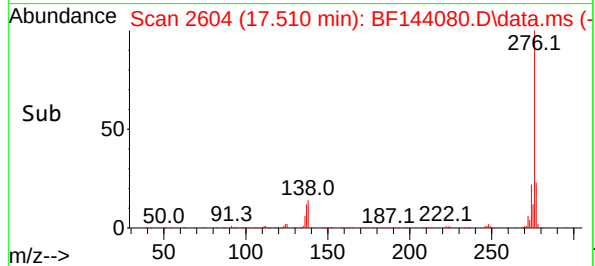
Tgt Ion:276 Resp: 450459

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 14.1 12.0 18.0



Report of Analysis

Client: Ardmore Chemical	Date Collected: 10/17/25	
Project: PVSC Monthly 2025	Date Received: 10/17/25	
Client Sample ID: EFF-WWMSD	SDG No.: Q3385	
Lab Sample ID: Q3385-06MSD	Matrix: Water	
Analytical Method: 625.1	Level: LOW	% Solid: 0
Sample Wt/Vol: 970 mL	Final Vol: 1000 uL	Test: SVOCMS Group1
Prep Method: 3510C	Prep Date: 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	29.0		1	0.89	10.3	ug/L	10/27/25 14:04	PB170210
108-95-2	Phenol	22.9		1	0.94	5.20	ug/L	10/27/25 14:04	PB170210
111-44-4	bis(2-Chloroethyl)ether	47.0		1	0.84	5.20	ug/L	10/27/25 14:04	PB170210
95-57-8	2-Chlorophenol	41.3		1	0.60	5.20	ug/L	10/27/25 14:04	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	45.6		1	1.30	5.20	ug/L	10/27/25 14:04	PB170210
621-64-7	n-Nitroso-di-n-propylamine	50.5		1	1.50	5.20	ug/L	10/27/25 14:04	PB170210
67-72-1	Hexachloroethane	38.3		1	0.67	5.20	ug/L	10/27/25 14:04	PB170210
98-95-3	Nitrobenzene	45.9		1	0.78	5.20	ug/L	10/27/25 14:04	PB170210
78-59-1	Isophorone	48.1		1	0.77	5.20	ug/L	10/27/25 14:04	PB170210
88-75-5	2-Nitrophenol	46.7		1	1.80	5.20	ug/L	10/27/25 14:04	PB170210
105-67-9	2,4-Dimethylphenol	47.8		1	1.90	5.20	ug/L	10/27/25 14:04	PB170210
111-91-1	bis(2-Chloroethoxy)methane	47.9		1	0.70	5.20	ug/L	10/27/25 14:04	PB170210
120-83-2	2,4-Dichlorophenol	42.5		1	0.54	5.20	ug/L	10/27/25 14:04	PB170210
120-82-1	1,2,4-Trichlorobenzene	45.1		1	0.56	5.20	ug/L	10/27/25 14:04	PB170210
91-20-3	Naphthalene	44.3		1	0.52	5.20	ug/L	10/27/25 14:04	PB170210
87-68-3	Hexachlorobutadiene	40.8		1	0.56	5.20	ug/L	10/27/25 14:04	PB170210
59-50-7	4-Chloro-3-methylphenol	41.7		1	0.61	5.20	ug/L	10/27/25 14:04	PB170210
77-47-4	Hexachlorocyclopentadiene	130	E	1	3.70	10.3	ug/L	10/27/25 14:04	PB170210
88-06-2	2,4,6-Trichlorophenol	49.7		1	0.53	5.20	ug/L	10/27/25 14:04	PB170210
91-58-7	2-Chloronaphthalene	49.9		1	0.63	5.20	ug/L	10/27/25 14:04	PB170210
131-11-3	Dimethylphthalate	51.8		1	0.63	5.20	ug/L	10/27/25 14:04	PB170210
208-96-8	Acenaphthylene	55.1		1	0.77	5.20	ug/L	10/27/25 14:04	PB170210
606-20-2	2,6-Dinitrotoluene	55.4		1	0.95	5.20	ug/L	10/27/25 14:04	PB170210
83-32-9	Acenaphthene	51.7		1	0.57	5.20	ug/L	10/27/25 14:04	PB170210
51-28-5	2,4-Dinitrophenol	90.4	E	1	6.20	10.3	ug/L	10/27/25 14:04	PB170210
100-02-7	4-Nitrophenol	46.8		1	2.50	10.3	ug/L	10/27/25 14:04	PB170210
121-14-2	2,4-Dinitrotoluene	53.8		1	1.30	5.20	ug/L	10/27/25 14:04	PB170210
84-66-2	Diethylphthalate	49.0		1	0.71	5.20	ug/L	10/27/25 14:04	PB170210
7005-72-3	4-Chlorophenyl-phenylether	47.8		1	0.70	5.20	ug/L	10/27/25 14:04	PB170210
86-73-7	Fluorene	49.6		1	0.65	5.20	ug/L	10/27/25 14:04	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	48.0		1	3.00	10.3	ug/L	10/27/25 14:04	PB170210
86-30-6	n-Nitrosodiphenylamine	52.6		1	0.60	5.20	ug/L	10/27/25 14:04	PB170210
103-33-3	Azobenzene	52.0		1	0.84	5.20	ug/L	10/27/25 14:04	PB170210
101-55-3	4-Bromophenyl-phenylether	38.6		1	0.41	5.20	ug/L	10/27/25 14:04	PB170210
118-74-1	Hexachlorobenzene	42.7		1	0.54	5.20	ug/L	10/27/25 14:04	PB170210
87-86-5	Pentachlorophenol	95.0	E	1	1.60	10.3	ug/L	10/27/25 14:04	PB170210
85-01-8	Phenanthrene	48.9		1	0.52	5.20	ug/L	10/27/25 14:04	PB170210
120-12-7	Anthracene	48.8		1	0.63	5.20	ug/L	10/27/25 14:04	PB170210
84-74-2	Di-n-butylphthalate	47.5		1	1.30	5.20	ug/L	10/27/25 14:04	PB170210
206-44-0	Fluoranthene	45.7		1	0.85	5.20	ug/L	10/27/25 14:04	PB170210
92-87-5	Benzidine	14.2		1	4.40	10.3	ug/L	10/27/25 14:04	PB170210
129-00-0	Pyrene	32.9		1	0.52	5.20	ug/L	10/27/25 14:04	PB170210



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

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	10/17/25
Project:	PVSC Monthly 2025		Date Received:	10/17/25
Client Sample ID:	EFF-WWMSD		SDG No.:	Q3385
Lab Sample ID:	Q3385-06MSD		Matrix:	Water
Analytical Method:	625.1	Level : LOW	% Solid:	0
Sample Wt/Vol:	970 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	49.3		1	2.00	5.20	ug/L	10/27/25 14:04	PB170210
91-94-1	3,3-Dichlorobenzidine	30.7		1	0.96	10.3	ug/L	10/27/25 14:04	PB170210
56-55-3	Benzo(a)anthracene	51.2		1	0.46	5.20	ug/L	10/27/25 14:04	PB170210
218-01-9	Chrysene	51.5		1	0.45	5.20	ug/L	10/27/25 14:04	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	52.1		1	1.60	5.20	ug/L	10/27/25 14:04	PB170210
117-84-0	Di-n-octyl phthalate	55.5		1	2.40	10.3	ug/L	10/27/25 14:04	PB170210
205-99-2	Benzo(b)fluoranthene	47.1		1	0.51	5.20	ug/L	10/27/25 14:04	PB170210
207-08-9	Benzo(k)fluoranthene	53.2		1	0.49	5.20	ug/L	10/27/25 14:04	PB170210
50-32-8	Benzo(a)pyrene	51.2		1	0.57	5.20	ug/L	10/27/25 14:04	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	50.4		1	0.61	5.20	ug/L	10/27/25 14:04	PB170210
53-70-3	Dibenzo(a,h)anthracene	51.7		1	0.69	5.20	ug/L	10/27/25 14:04	PB170210
191-24-2	Benzo(g,h,i)perylene	51.5		1	0.71	5.20	ug/L	10/27/25 14:04	PB170210

SURROGATES

367-12-4	2-Fluorophenol	59.5	*		60 - 140	59%	SPK: 100
13127-88-3	Phenol-d6	43.1	*		60 - 140	43%	SPK: 100
4165-60-0	Nitrobenzene-d5	92.4			60 - 140	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.1			60 - 140	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.8			60 - 140	84%	SPK: 100
1718-51-0	Terphenyl-d14	87.2			60 - 140	87%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	49400
1146-65-2	Naphthalene-d8	184000
15067-26-2	Acenaphthene-d10	89200
1517-22-2	Phenanthrene-d10	145000
1719-03-5	Chrysene-d12	116000
1520-96-3	Perylene-d12	165000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144081.D
 Acq On : 27 Oct 2025 14:04
 Operator : RC/JU
 Sample : Q3385-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

Quant Time: Oct 27 14:35:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49404	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	184320	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	89189	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	144598	20.000	ng	0.00
76) Chrysene-d12	14.063	240	116309	20.000	ng	0.00
86) Perylene-d12	15.545	264	164968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	185673	59.460	ng	0.00
7) Phenol-d6	6.504	99	148627	43.097	ng	0.00
23) Nitrobenzene-d5	7.439	82	310888	92.408	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95195	83.791	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	596651	94.139	ng	0.00
79) Terphenyl-d14	13.004	244	580328	87.228	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	35561	26.354	ng	99
3) Pyridine	3.446	79	76086	21.062	ng	97
4) n-Nitrosodimethylamine	3.381	42	62445	28.131	ng	97
6) Aniline	6.539	93	96849	19.630	ng	97
8) 2-Chlorophenol	6.663	128	123167	40.052	ng	99
10) Phenol	6.516	94	94713	22.261	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	140114	45.575	ng	98
12) 1,3-Dichlorobenzene	6.822	146	143967	37.952	ng	97
13) 1,4-Dichlorobenzene	6.898	146	147116	39.352	ng	98
14) 1,2-Dichlorobenzene	7.051	146	145250	40.154	ng	98
15) Benzyl Alcohol	7.022	79	115727	41.270	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	255754	44.263	ng	97
17) 2-Methylphenol	7.134	107	88619	37.468	ng	96
18) Hexachloroethane	7.392	117	49666	37.159	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	109156	48.946	ng	97
20) 3+4-Methylphenols	7.281	107	96412	34.482	ng	# 68
22) Acetophenone	7.286	105	214604	53.875	ng	94
24) Nitrobenzene	7.463	77	158618	44.569	ng	98
25) Isophorone	7.698	82	274493	46.668	ng	98
26) 2-Nitrophenol	7.775	139	76675	45.288	ng	99
27) 2,4-Dimethylphenol	7.810	122	116731	46.396	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	170295	46.426	ng	99
29) 2,4-Dichlorophenol	8.022	162	120615	41.224	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	131663	43.741	ng	98
31) Naphthalene	8.186	128	373789	42.967	ng	99
32) Benzoic acid	7.934	122	97529	61.112	ng	87
33) 4-Chloroaniline	8.233	127	50973	16.831	ng	96
34) Hexachlorobutadiene	8.298	225	97311	39.537	ng	98
35) Caprolactam	8.592	113	9973	13.592	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	104564	40.497	ng	96
37) 2-Methylnaphthalene	8.875	142	228037	39.758	ng	96
38) 1-Methylnaphthalene	8.975	142	237092	43.631	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	157639	51.428	ng	98
41) Hexachlorocyclopentadiene	9.028	237	119219	125.925	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	96027	48.197	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	97649	46.699	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144081.D
 Acq On : 27 Oct 2025 14:04
 Operator : RC/JU
 Sample : Q3385-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

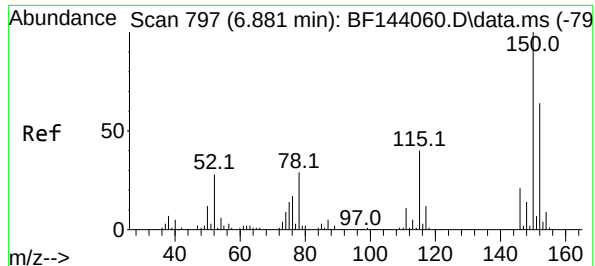
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 EFF-WWMSD

Quant Time: Oct 27 14:35:31 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.339	154	346841	54.325	ng	100
47) 2-Chloronaphthalene	9.363	162	258873	48.398	ng	97
48) 2-Nitroaniline	9.463	65	81090	51.054	ng	98
49) Acenaphthylene	9.780	152	385627	53.469	ng	100
50) Dimethylphthalate	9.639	163	293998	50.289	ng	100
51) 2,6-Dinitrotoluene	9.704	165	62124	53.753	ng	93
52) Acenaphthene	9.951	154	241590	50.158	ng	99
53) 3-Nitroaniline	9.869	138	33858	26.349	ng	98
54) 2,4-Dinitrophenol	9.980	184	54788	87.648	ng	95
55) Dibenzofuran	10.127	168	313560	46.893	ng	99
56) 4-Nitrophenol	10.057	139	39535	45.436	ng	96
57) 2,4-Dinitrotoluene	10.104	165	81351	52.154	ng	97
58) Fluorene	10.469	166	244931	48.073	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72364	49.110	ng	96
60) Diethylphthalate	10.339	149	261261	47.520	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	132877	46.376	ng	98
62) 4-Nitroaniline	10.486	138	52188	42.865	ng	99
63) Azobenzene	10.622	77	262249	50.397	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	43196	46.561	ng	98
66) n-Nitrosodiphenylamine	10.580	169	235572	50.990	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	67738	37.415	ng	# 87
68) Hexachlorobenzene	11.022	284	92011	41.439	ng	# 89
69) Atrazine	11.110	200	42332	27.923	ng	95
70) Pentachlorophenol	11.233	266	97382	92.139	ng	96
71) Phenanthrene	11.439	178	340484	47.402	ng	98
72) Anthracene	11.492	178	351270	47.340	ng	99
73) Carbazole	11.645	167	284242	45.005	ng	99
74) Di-n-butylphthalate	11.969	149	357018	46.106	ng	98
75) Fluoranthene	12.627	202	351597	44.305	ng	99
77) Benzidine	12.751	184	49705	13.732	ng	# 89
78) Pyrene	12.857	202	267046	31.936	ng	99
80) Butylbenzylphthalate	13.474	149	151394	47.858	ng	99
81) Benzo(a)anthracene	14.051	228	390020	49.619	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	81598	29.822	ng	# 97
83) Chrysene	14.086	228	368729	49.990	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	218431	50.579	ng	99
85) Di-n-octyl phthalate	14.645	149	400041	53.864	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	553432	48.864	ng	99
88) Benzo(b)fluoranthene	15.110	252	425872	45.664	ng	100
89) Benzo(k)fluoranthene	15.139	252	443630	51.557	ng	99
90) Benzo(a)pyrene	15.480	252	415903	49.709	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	450035	50.197	ng	99
92) Benzo(g,h,i)perylene	17.509	276	450477	49.977	ng	97

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

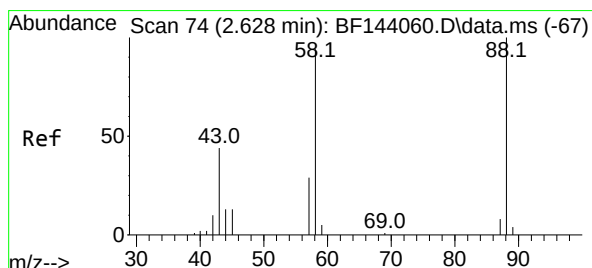
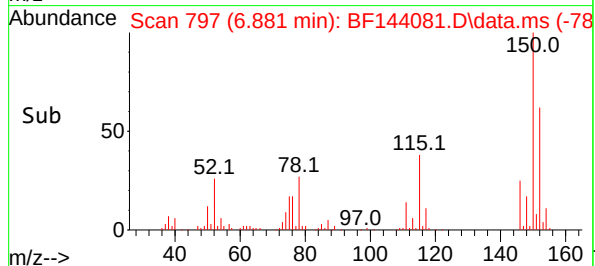
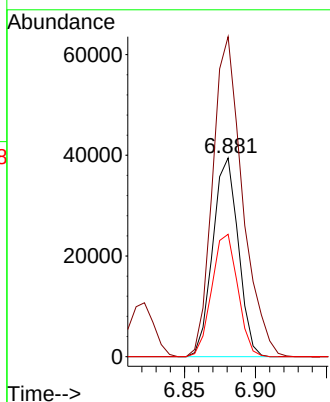
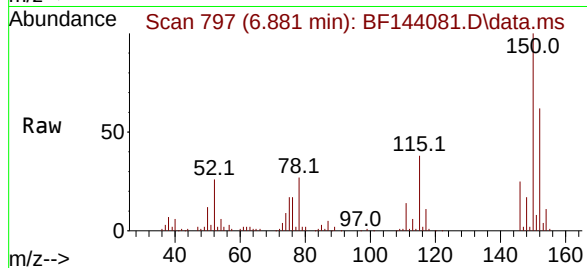
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144081.D
 Acq: 27 Oct 2025 14:04

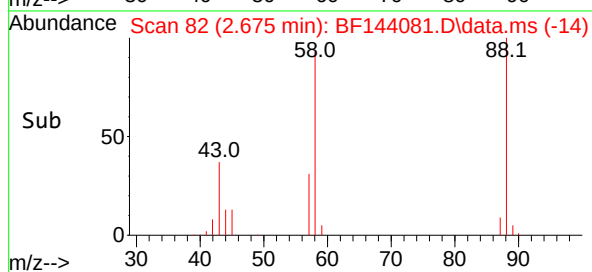
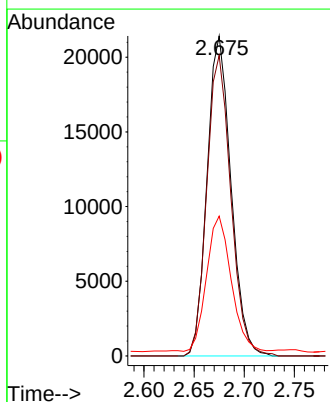
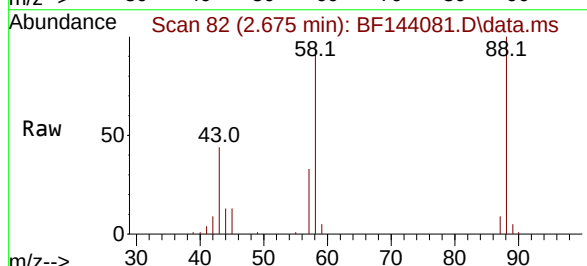
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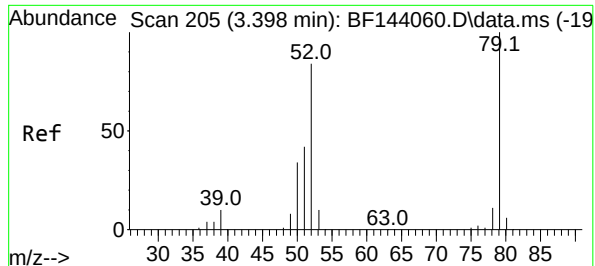
Tgt Ion:152 Resp: 49404
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.4 186.6
 115 61.6 49.4 74.0



#2
 1,4-Dioxane
 Concen: 26.354 ng
 RT: 2.675 min Scan# 82
 Delta R.T. 0.047 min
 Lab File: BF144081.D
 Acq: 27 Oct 2025 14:04

Tgt Ion: 88 Resp: 35561
 Ion Ratio Lower Upper
 88 100
 58 94.6 76.5 114.7
 43 44.0 35.3 52.9

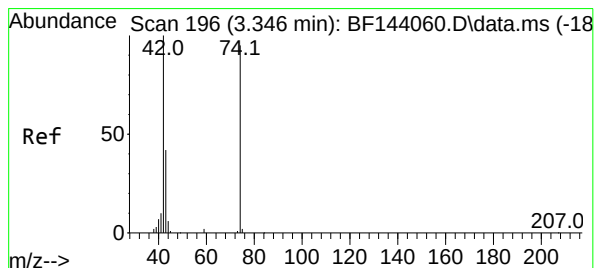
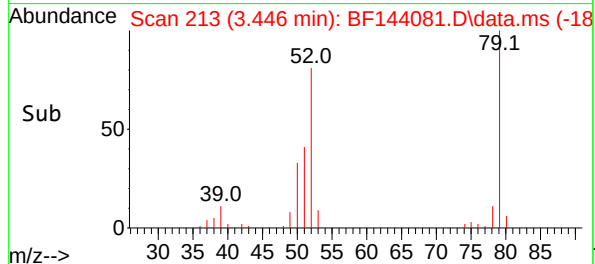
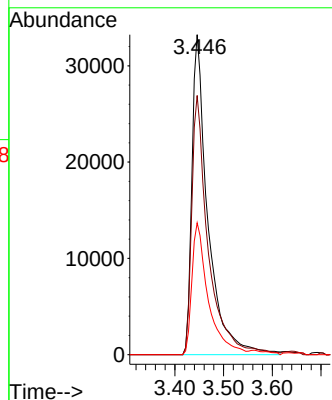
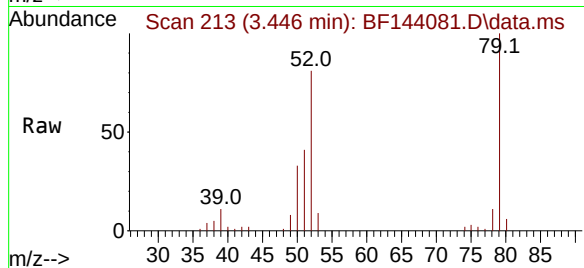




#3
Pyridine
Concen: 21.062 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

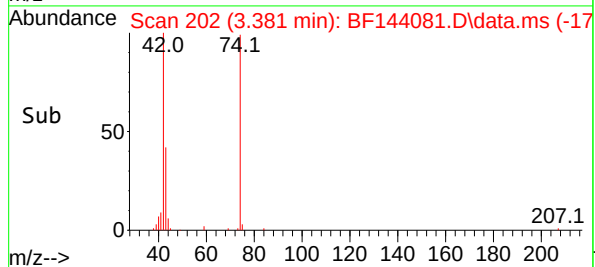
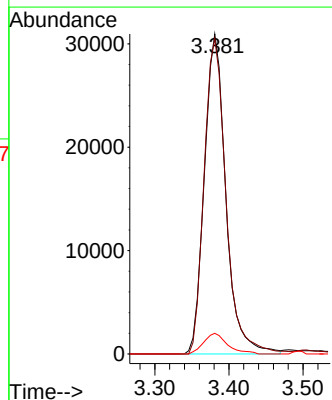
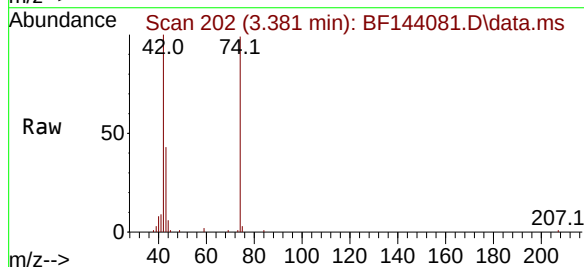
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ClientSampleId :
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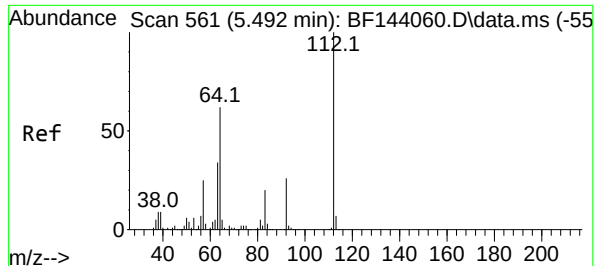
Tgt Ion: 79 Resp: 76086
Ion Ratio Lower Upper
79 100
52 81.0 67.5 101.3
51 41.2 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 28.131 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.035 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 42 Resp: 62445
Ion Ratio Lower Upper
42 100
74 98.6 76.4 114.6
44 6.5 5.2 7.8

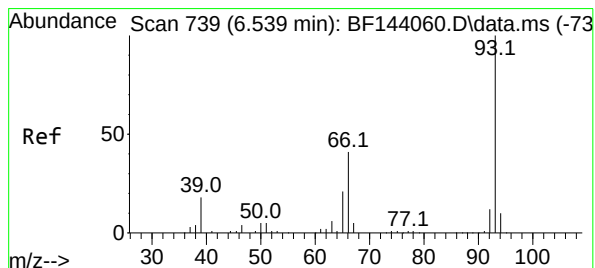
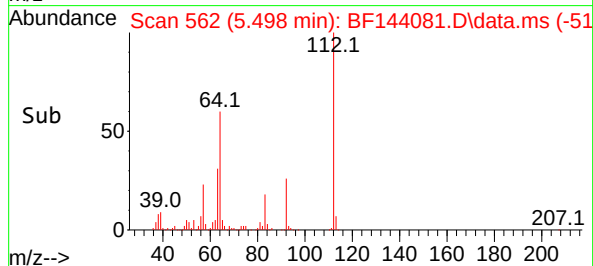
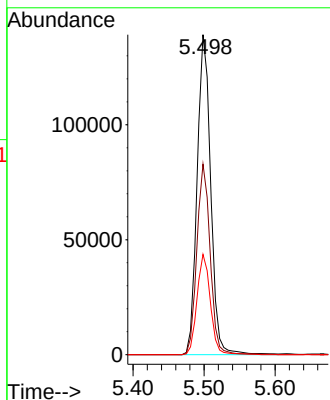
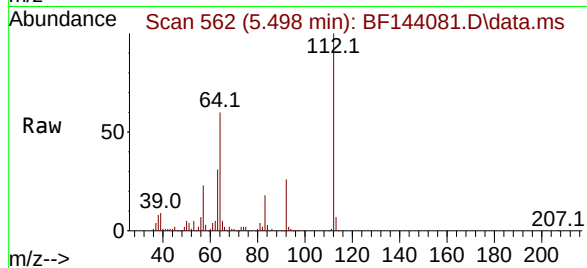




#5
2-Fluorophenol
Concen: 59.460 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

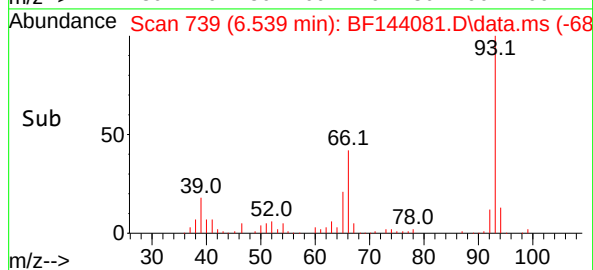
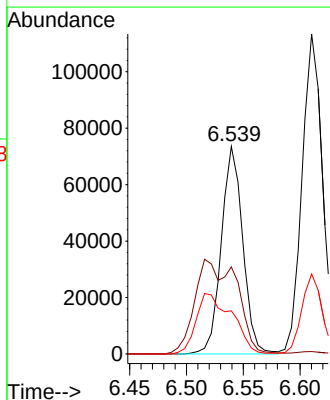
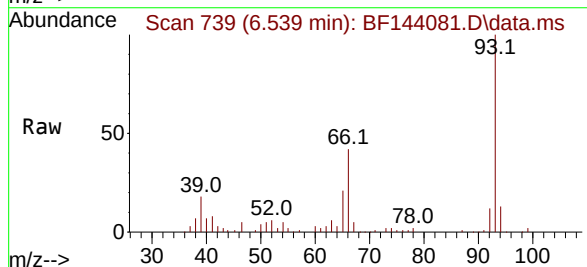
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ClientSampleId :
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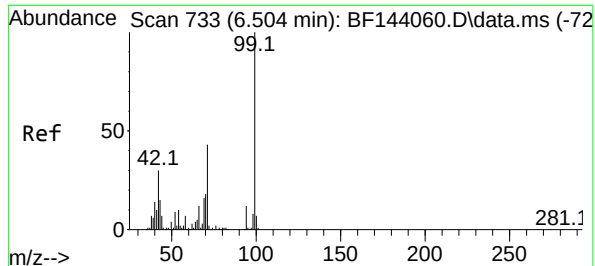
Tgt Ion:112 Resp: 185673
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.8
63 31.4 27.4 41.2



#6
Aniline
Concen: 19.630 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 93 Resp: 96849
Ion Ratio Lower Upper
93 100
66 42.0 35.7 53.5
65 20.8 17.0 25.6

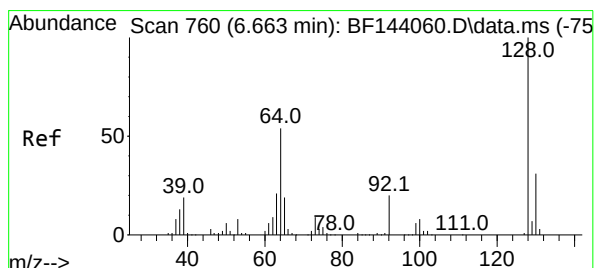
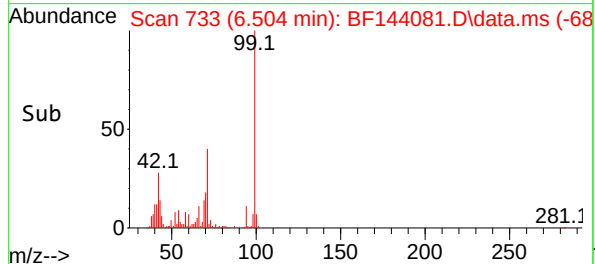
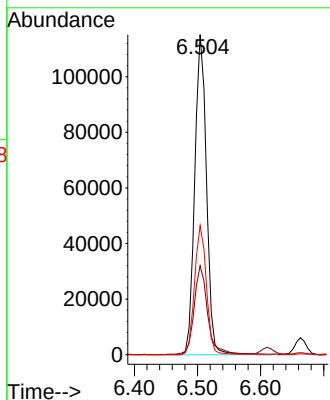
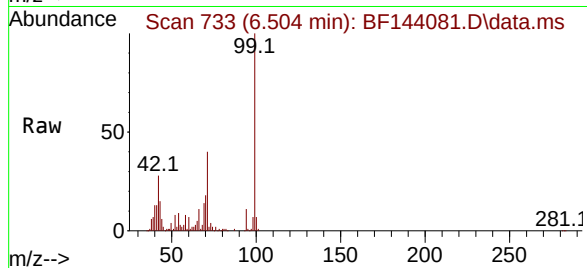




#7
Phenol-d6
Concen: 43.097 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

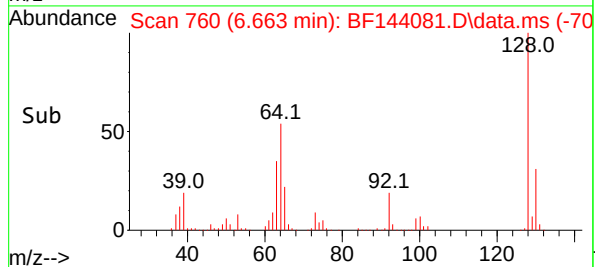
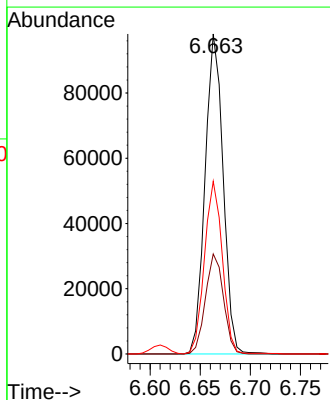
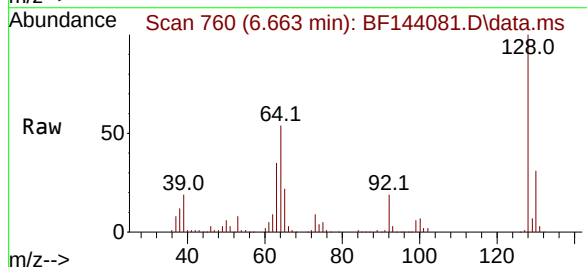
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BNA_F
ClientSampleId :
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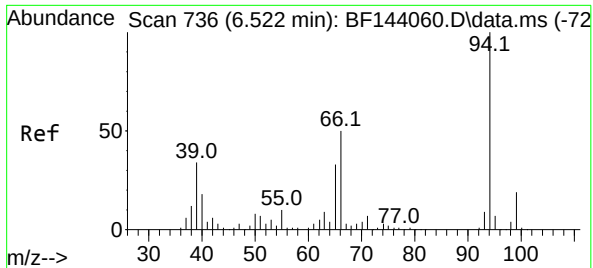
Tgt Ion: 99 Resp: 148627
Ion Ratio Lower Upper
99 100
42 27.8 23.9 35.9
71 40.4 34.4 51.6



#8
2-Chlorophenol
Concen: 40.052 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 128 Resp: 123167
Ion Ratio Lower Upper
128 100
130 31.2 10.7 50.7
64 54.0 34.7 74.7

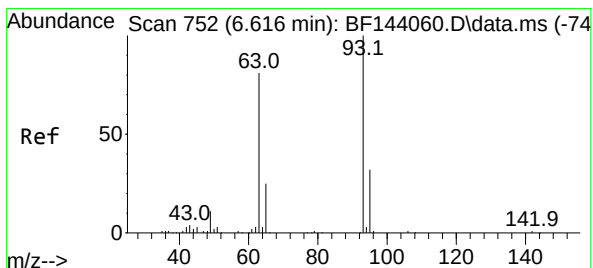
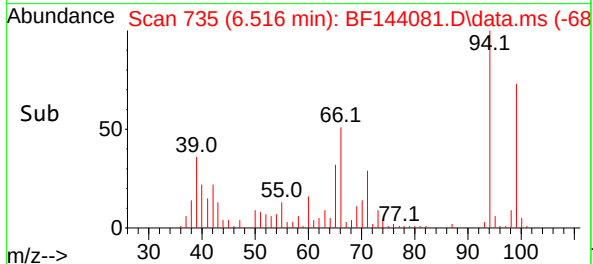
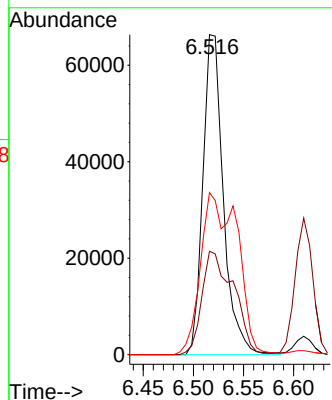
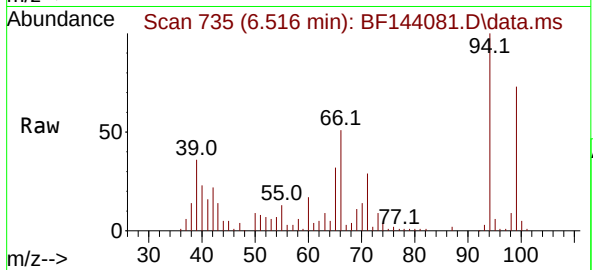




#10
Phenol
Concen: 22.261 ng
RT: 6.516 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

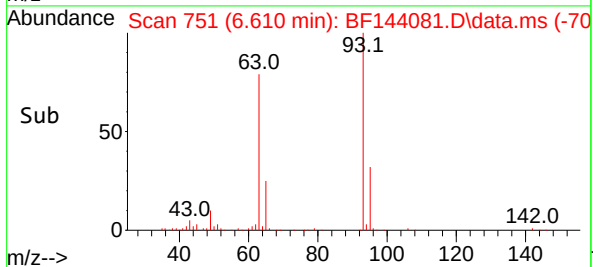
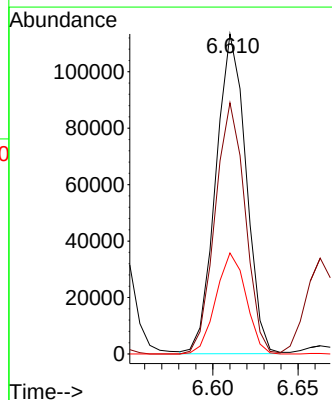
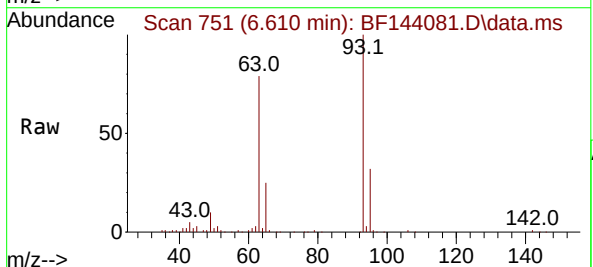
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

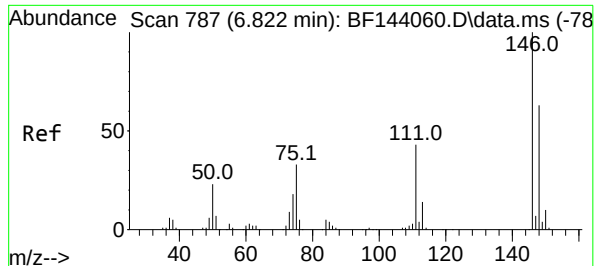
Tgt Ion: 94 Resp: 94713
Ion Ratio Lower Upper
94 100
65 32.3 13.1 53.1
66 50.6 30.6 70.6



#11
bis(2-Chloroethyl)ether
Concen: 45.575 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 93 Resp: 140114
Ion Ratio Lower Upper
93 100
63 78.5 60.2 100.2
95 31.5 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 37.952 ng

RT: 6.822 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

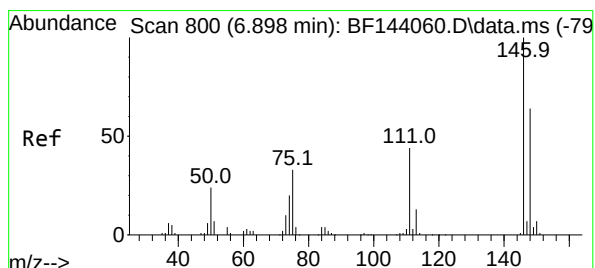
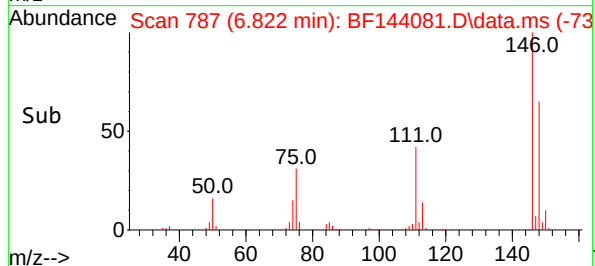
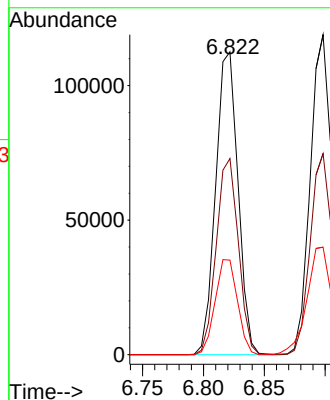
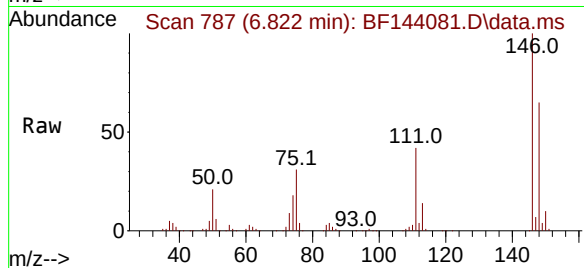
Tgt Ion:146 Resp: 143967

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

75 31.2 26.6 40.0



#13

1,4-Dichlorobenzene

Concen: 39.352 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

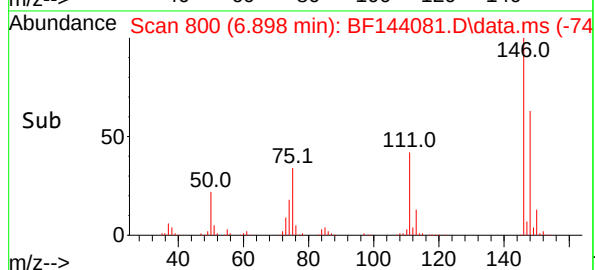
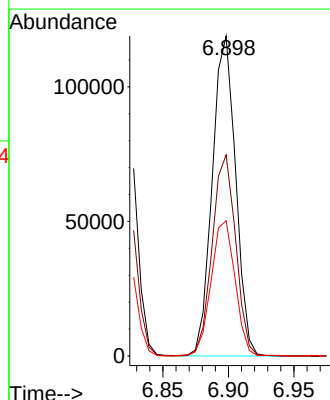
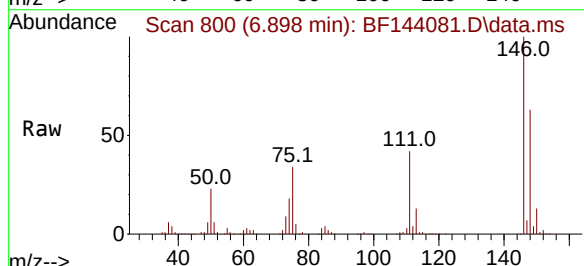
Tgt Ion:146 Resp: 147116

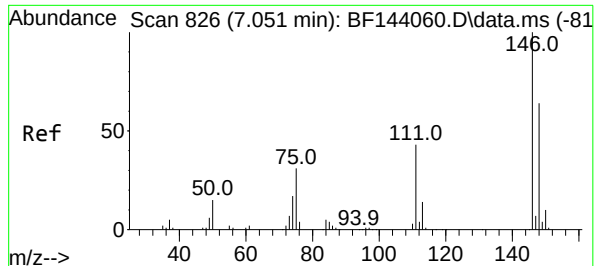
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

111 42.2 35.0 52.6





#14

1,2-Dichlorobenzene

Concen: 40.154 ng

RT: 7.051 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

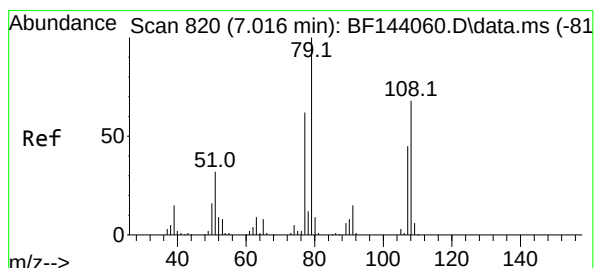
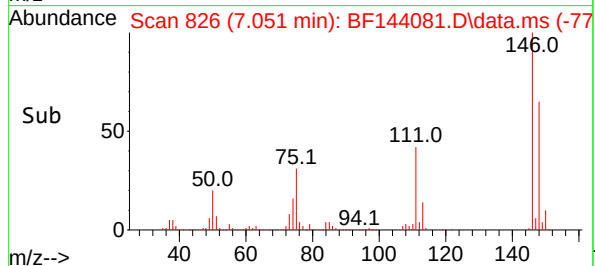
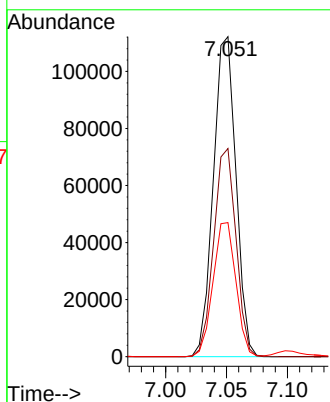
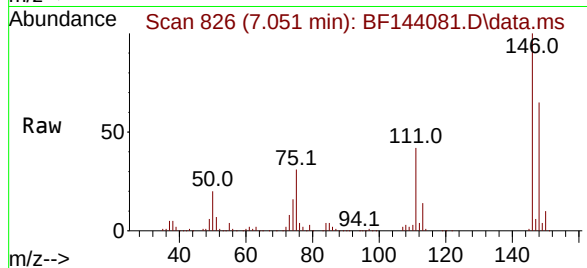
Tgt Ion:146 Resp: 145250

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 41.9 34.7 52.1



#15

Benzyl Alcohol

Concen: 41.270 ng

RT: 7.022 min Scan# 821

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

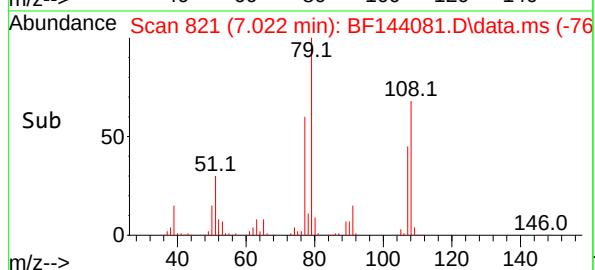
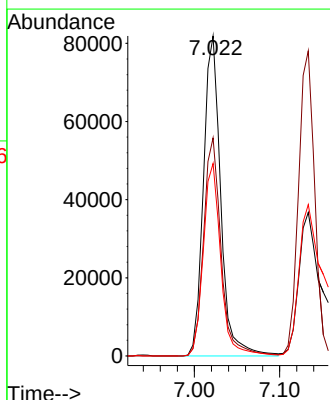
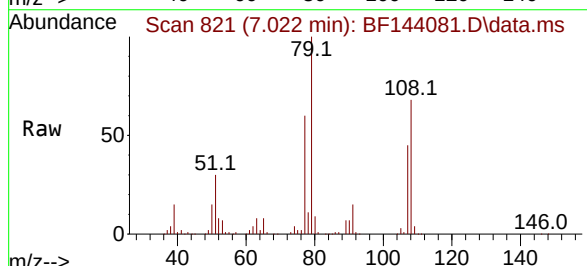
Tgt Ion: 79 Resp: 115727

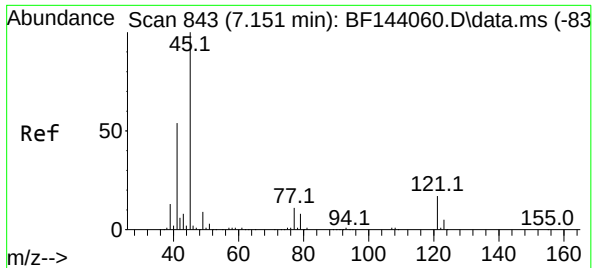
Ion Ratio Lower Upper

79 100

108 68.1 54.8 82.2

77 60.1 49.4 74.0

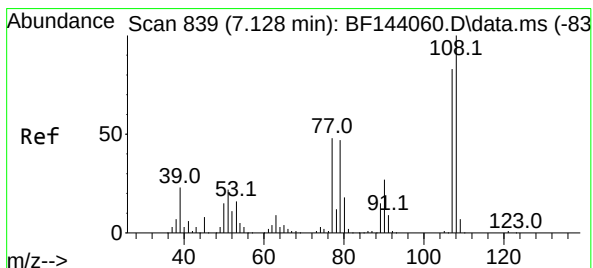
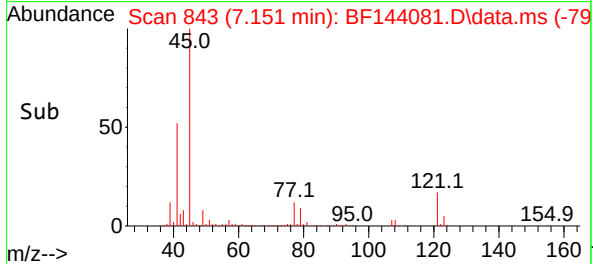
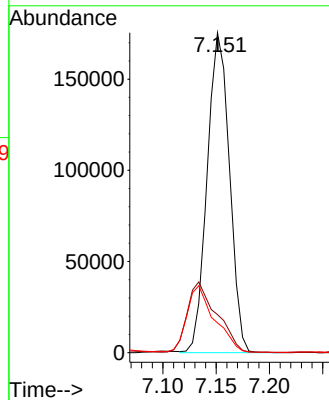
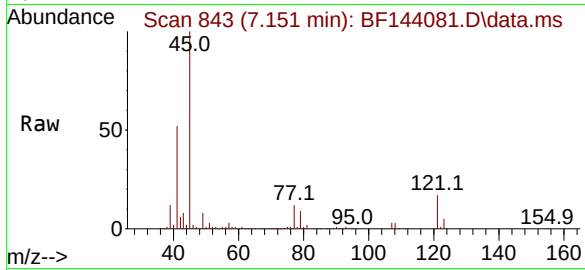




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.263 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

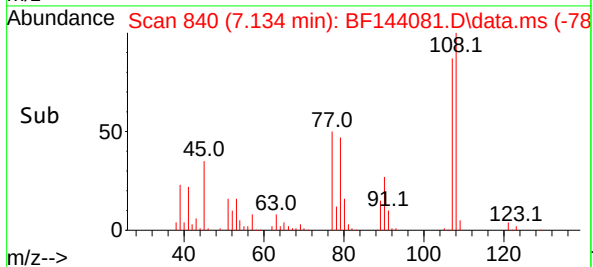
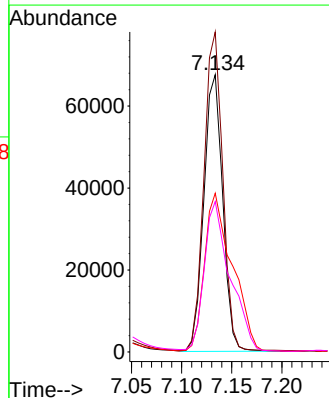
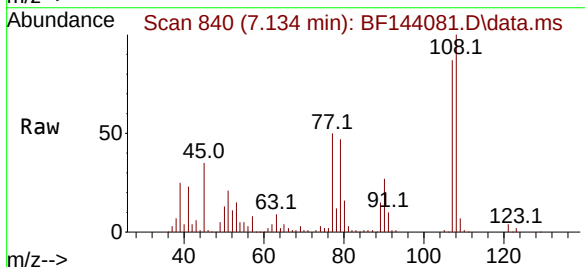
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

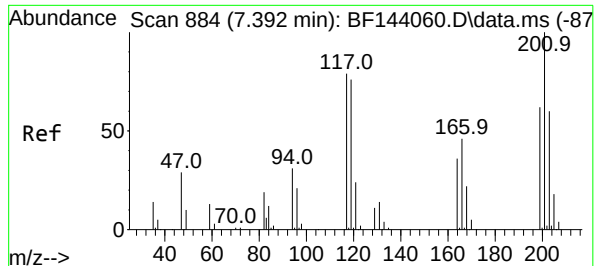
Tgt Ion: 45 Resp: 255754
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.9
79 9.3 0.0 28.2



#17
2-Methylphenol
Concen: 37.468 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 107 Resp: 88619
Ion Ratio Lower Upper
107 100
108 115.4 96.4 144.6
77 57.3 46.8 70.2
79 54.2 45.8 68.6





#18

Hexachloroethane

Concen: 37.159 ng

RT: 7.392 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

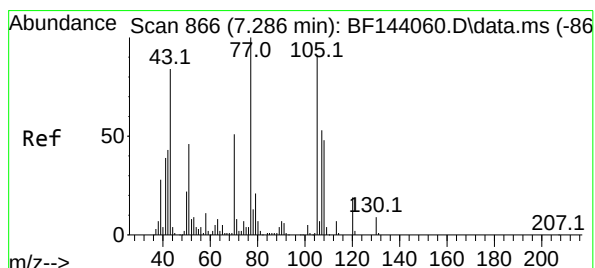
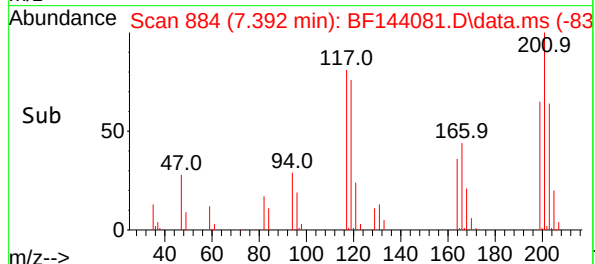
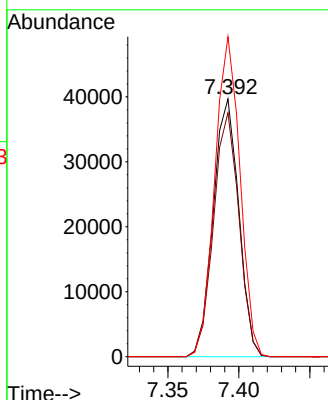
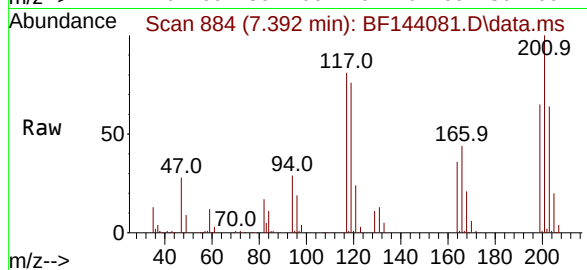
Tgt Ion:117 Resp: 49666

Ion Ratio Lower Upper

117 100

119 94.6 76.6 115.0

201 124.1 100.9 151.3



#19

n-Nitroso-di-n-propylamine

Concen: 48.946 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Tgt Ion: 70 Resp: 109156

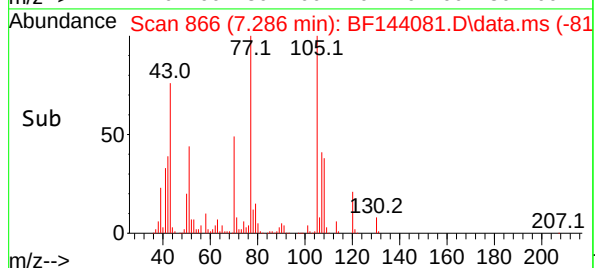
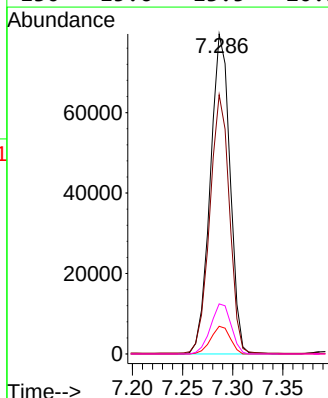
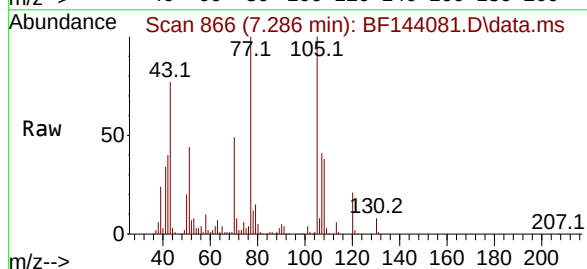
Ion Ratio Lower Upper

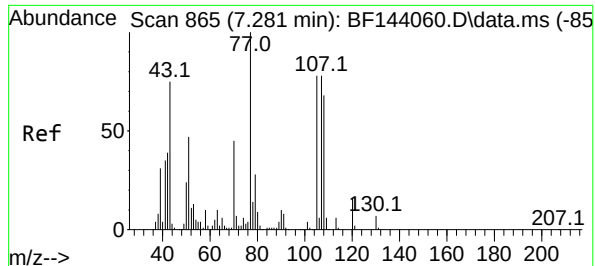
70 100

42 81.0 67.4 101.0

101 8.7 7.1 10.7

130 15.6 13.5 20.3





#20

3+4-Methylphenols

Concen: 34.482 ng

RT: 7.281 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF144081.D

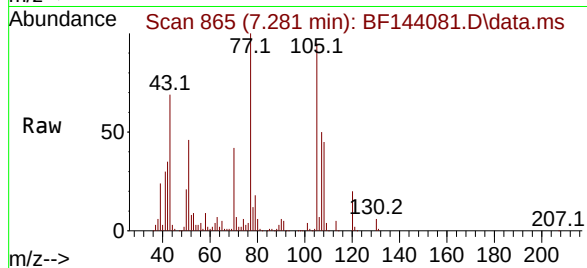
Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD



Tgt Ion:107 Resp: 96412

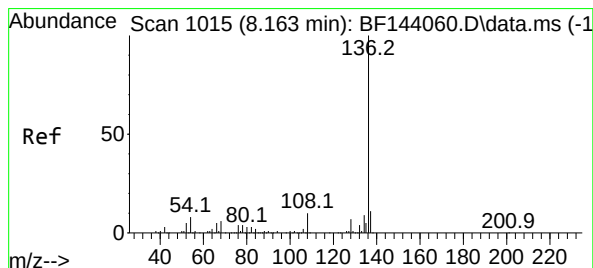
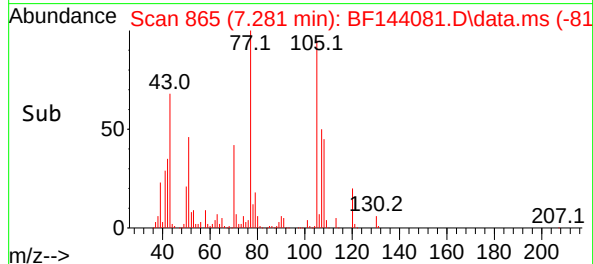
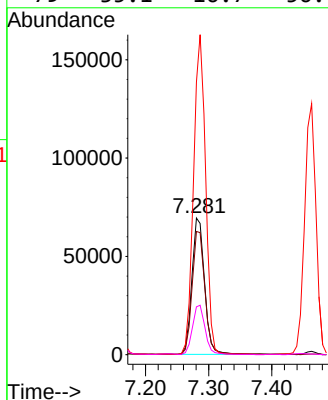
Ion Ratio Lower Upper

107 100

108 90.1 68.0 108.0

77 199.6 108.7 148.7#

79 35.1 16.7 56.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Tgt Ion:136 Resp: 184320

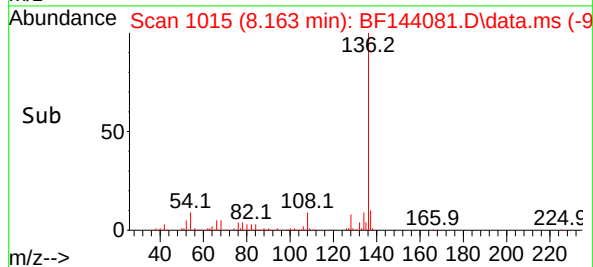
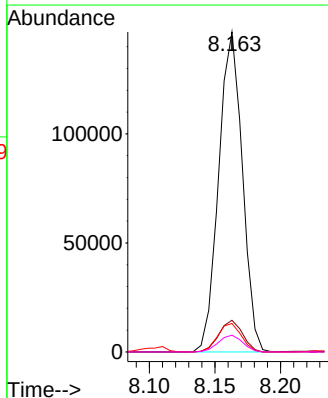
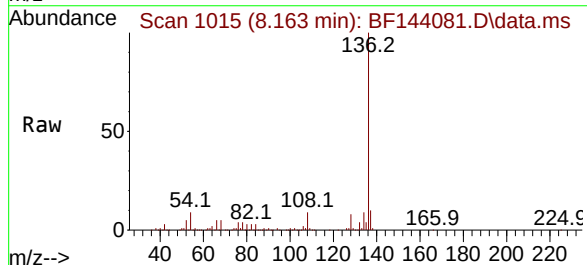
Ion Ratio Lower Upper

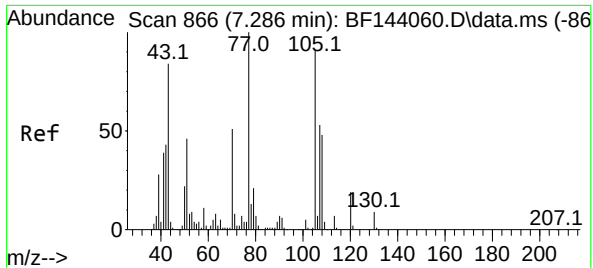
136 100

137 9.9 8.6 13.0

54 8.9 6.6 9.8

68 5.3 4.6 6.8

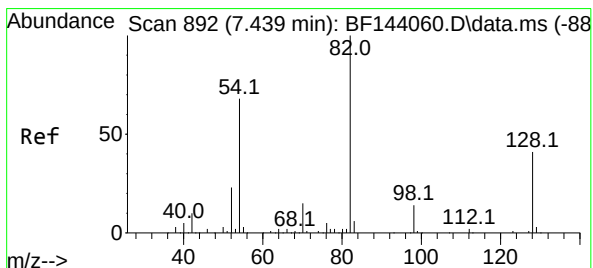
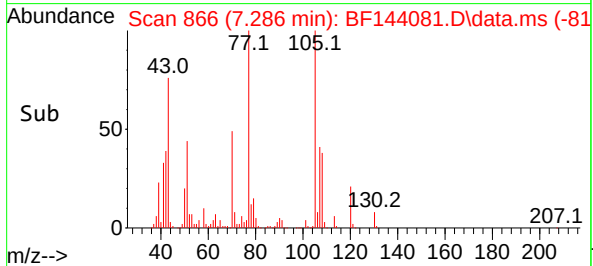
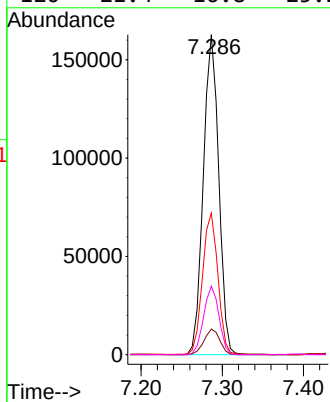
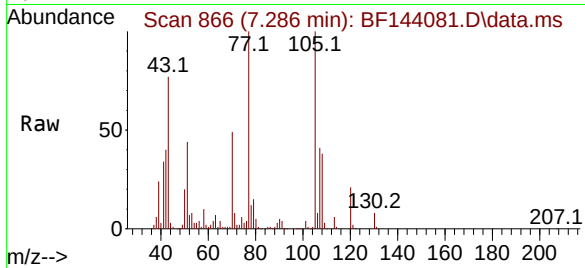




#22
Acetophenone
Concen: 53.875 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

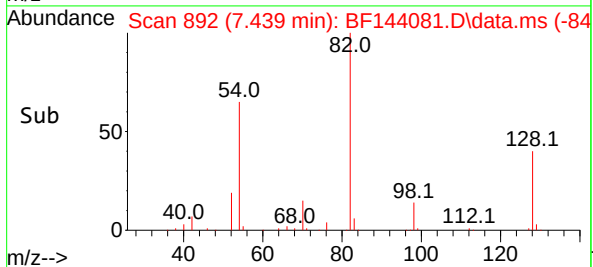
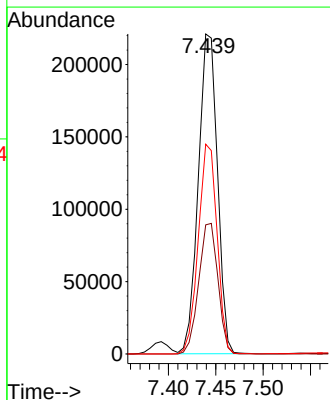
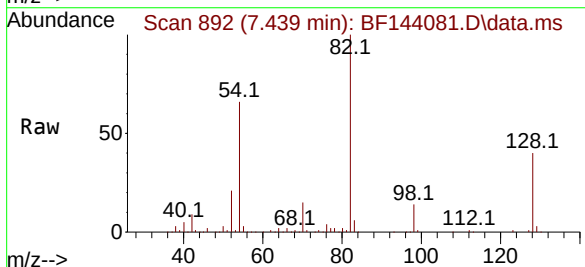
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

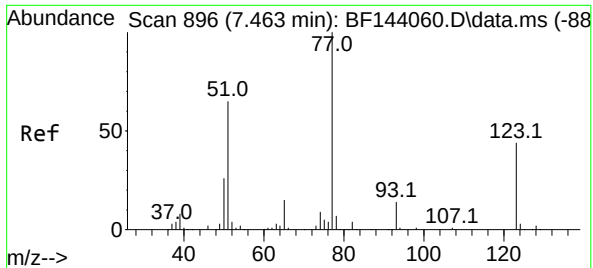
Tgt Ion:105 Resp: 214604
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 44.2 40.6 60.8
120 21.4 16.8 25.2



#23
Nitrobenzene-d5
Concen: 92.408 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 82 Resp: 310888
Ion Ratio Lower Upper
82 100
128 40.4 32.4 48.6
54 65.6 54.0 81.0

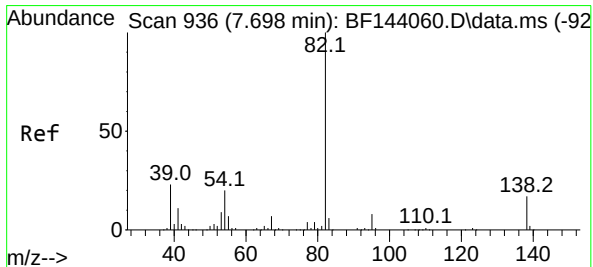
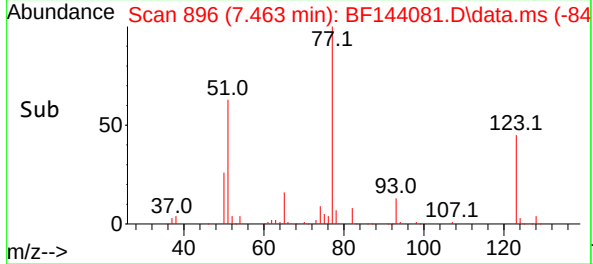
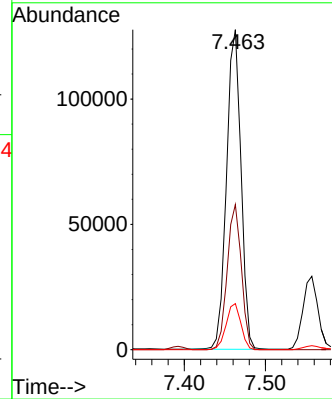
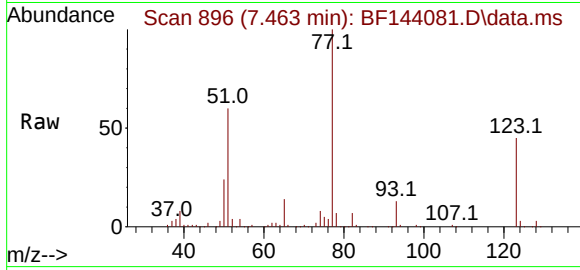




#24
Nitrobenzene
Concen: 44.569 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

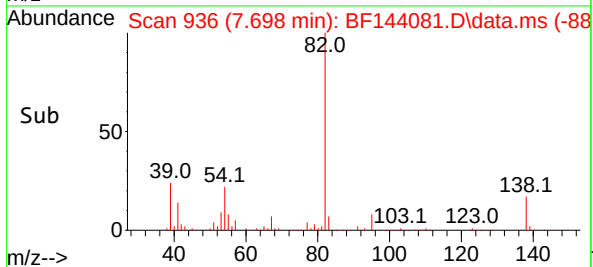
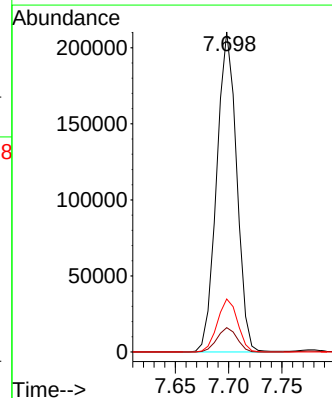
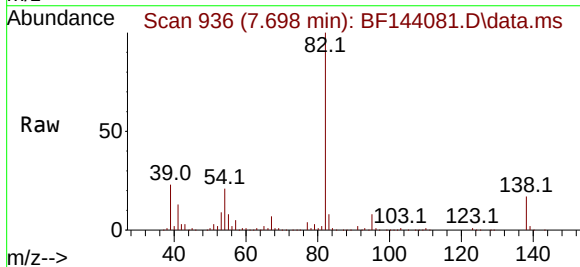
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

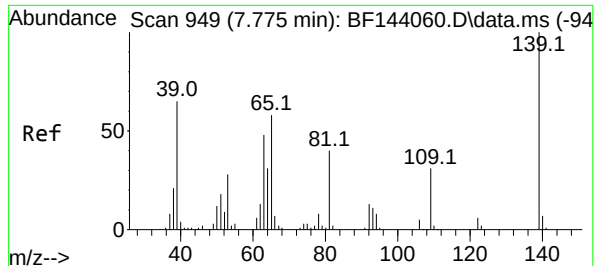
Tgt Ion: 77 Resp: 158618
Ion Ratio Lower Upper
77 100
123 45.3 35.0 52.6
65 14.4 12.2 18.2



#25
Isophorone
Concen: 46.668 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 82 Resp: 274493
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 16.5 13.8 20.8





#26

2-Nitrophenol

Concen: 45.288 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

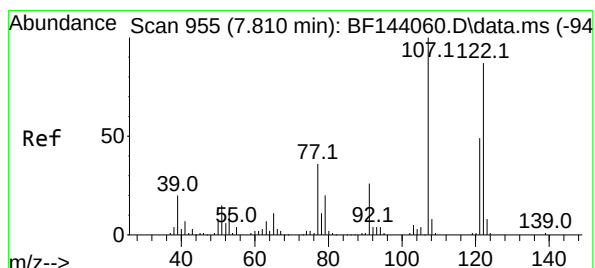
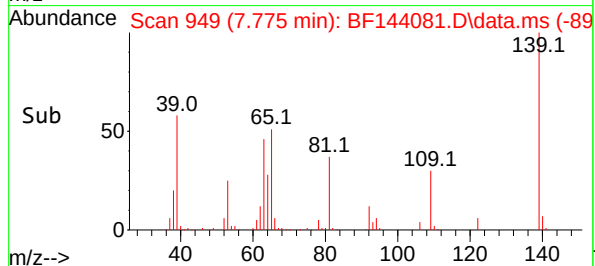
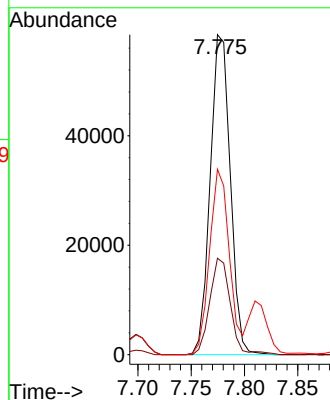
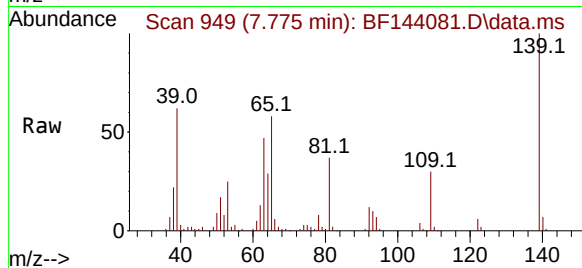
Tgt Ion:139 Resp: 76675

Ion Ratio Lower Upper

139 100

109 30.2 24.6 37.0

65 58.0 46.6 69.8



#27

2,4-Dimethylphenol

Concen: 46.396 ng

RT: 7.810 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

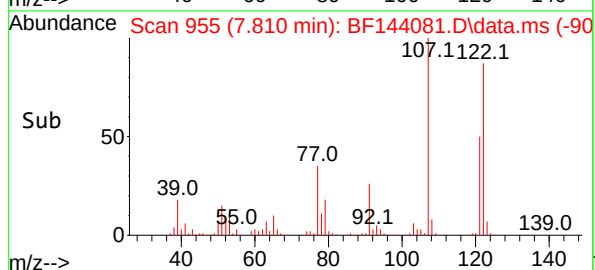
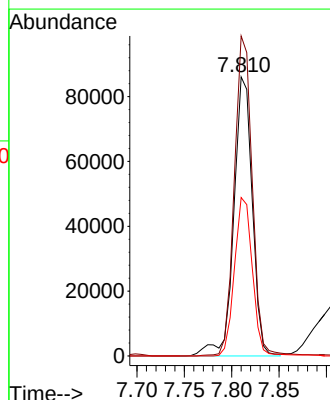
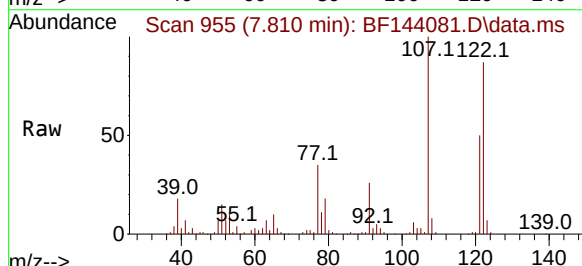
Tgt Ion:122 Resp: 116731

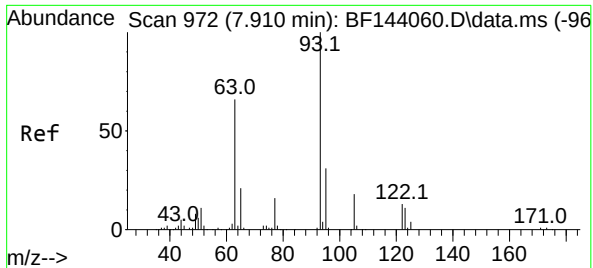
Ion Ratio Lower Upper

122 100

107 114.7 91.8 137.8

121 56.8 45.2 67.8





#28

bis(2-Chloroethoxy)methane

Concen: 46.426 ng

RT: 7.910 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

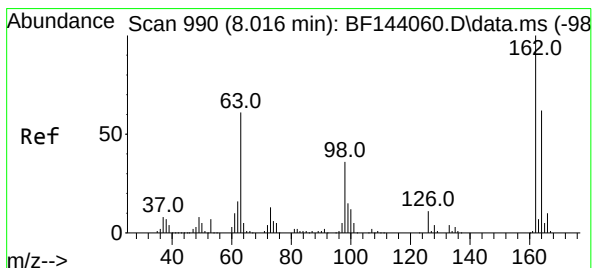
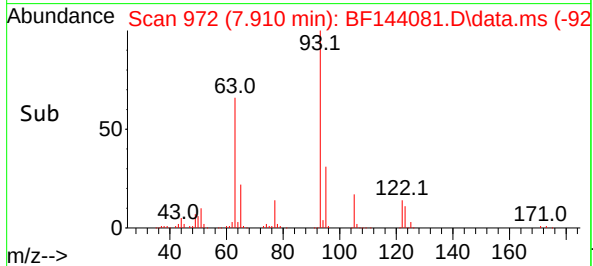
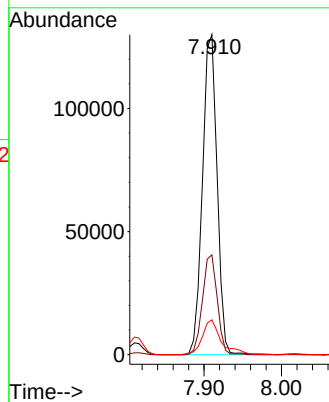
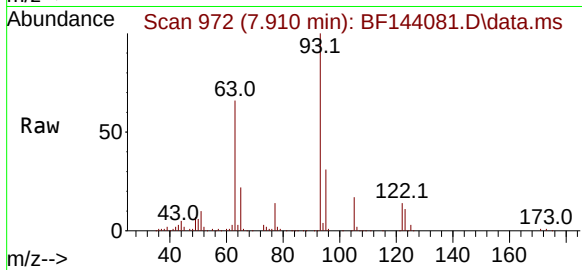
Tgt Ion: 93 Resp: 170295

Ion Ratio Lower Upper

93 100

95 31.2 24.6 36.8

123 10.9 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 41.224 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

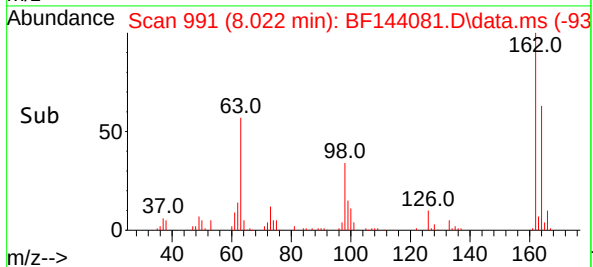
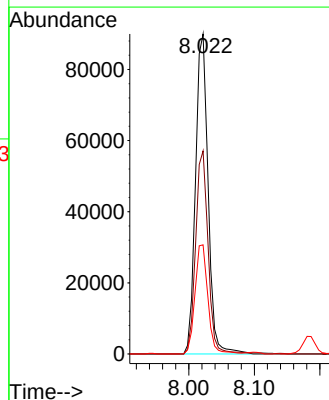
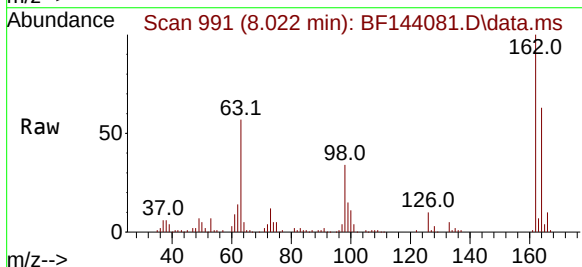
Tgt Ion:162 Resp: 120615

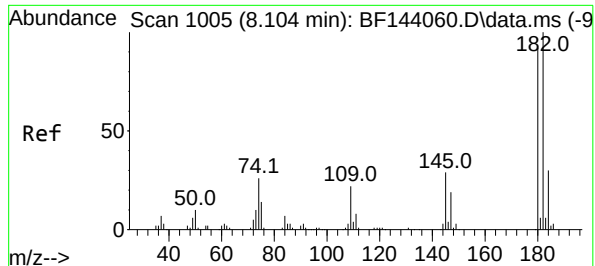
Ion Ratio Lower Upper

162 100

164 63.4 42.1 82.1

98 34.1 16.0 56.0





#30

1,2,4-Trichlorobenzene

Concen: 43.741 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

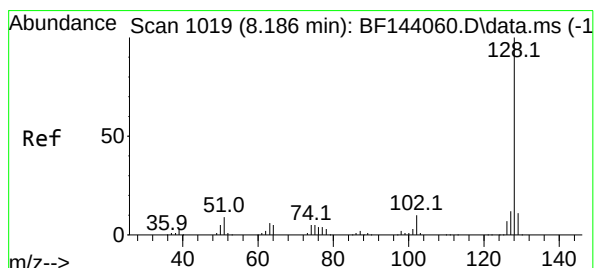
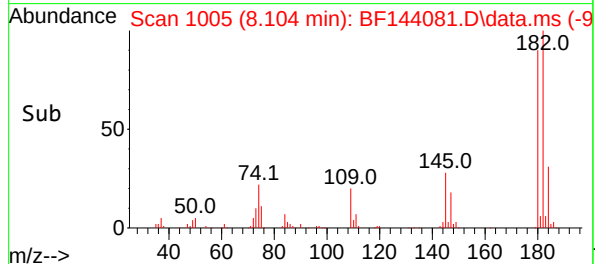
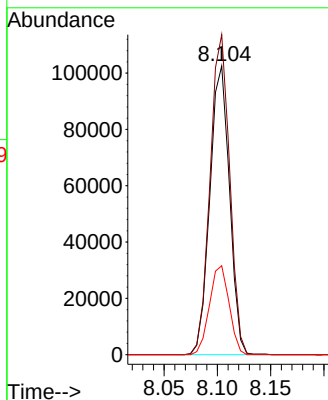
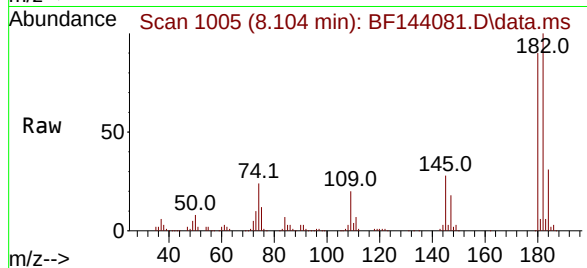
Tgt Ion:180 Resp: 131663

Ion Ratio Lower Upper

180 100

182 110.8 87.1 130.7

145 30.8 25.3 37.9



#31

Naphthalene

Concen: 42.967 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

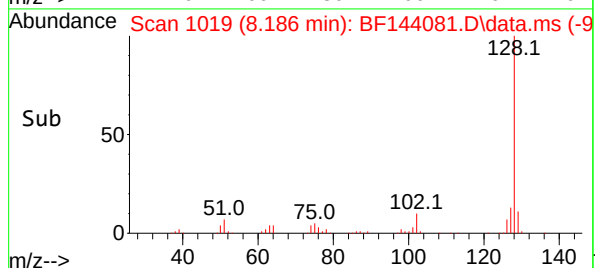
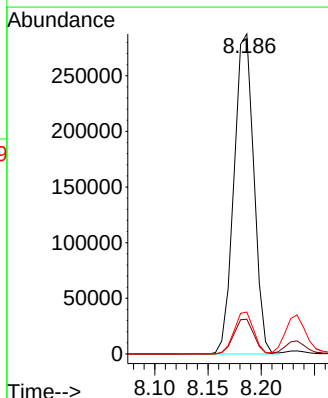
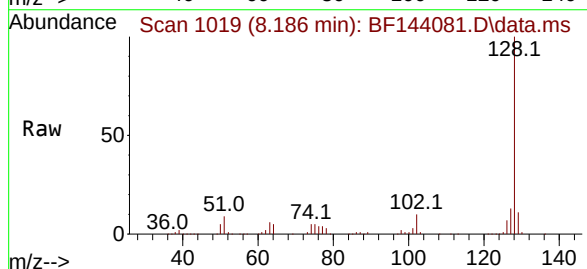
Tgt Ion:128 Resp: 373789

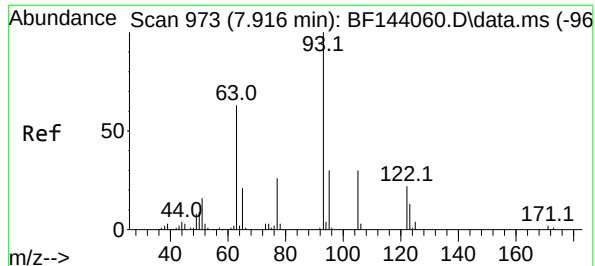
Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.1 9.9 14.9





#32

Benzoic acid

Concen: 61.112 ng

RT: 7.934 min Scan# 91

Delta R.T. 0.018 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

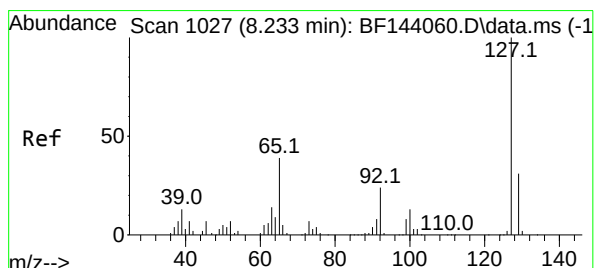
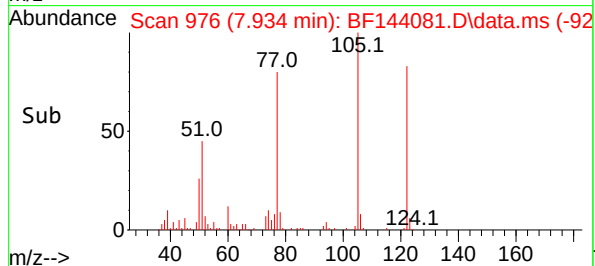
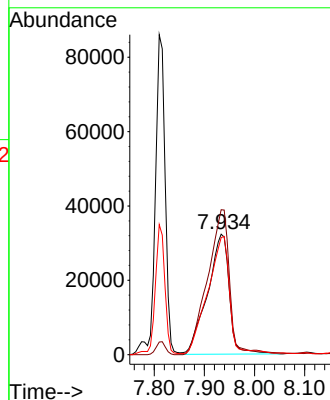
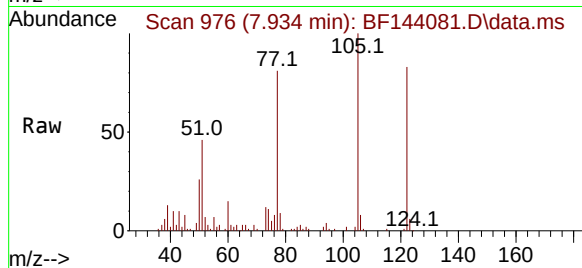
Tgt Ion:122 Resp: 97529

Ion Ratio Lower Upper

122 100

105 120.4 111.3 151.3

77 97.2 96.7 136.7



#33

4-Chloroaniline

Concen: 16.831 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Tgt Ion:127 Resp: 50973

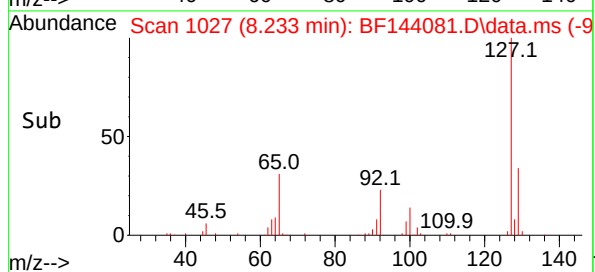
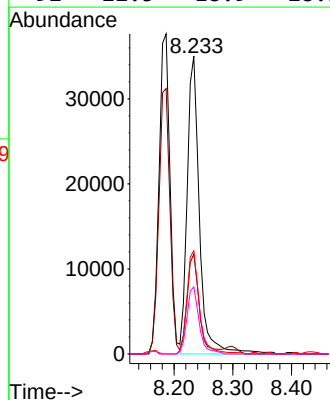
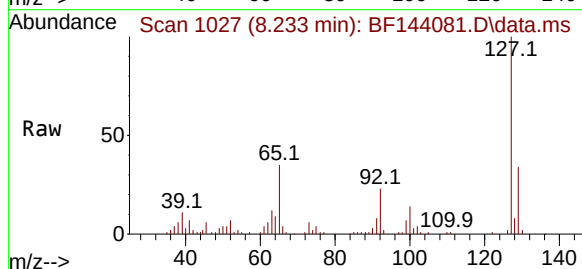
Ion Ratio Lower Upper

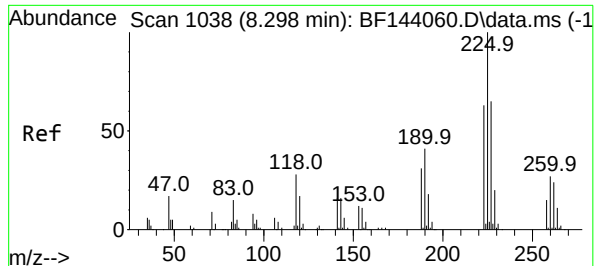
127 100

129 33.5 25.6 38.4

65 34.7 30.9 46.3

92 22.5 18.9 28.3





#34

Hexachlorobutadiene

Concen: 39.537 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

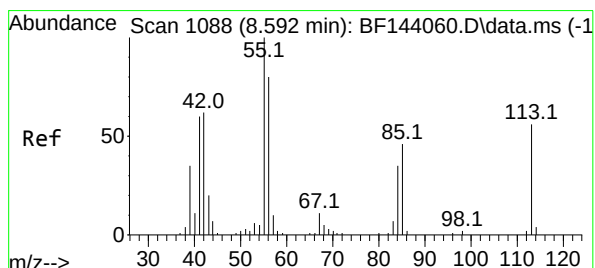
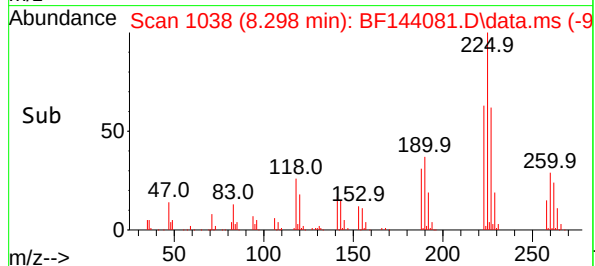
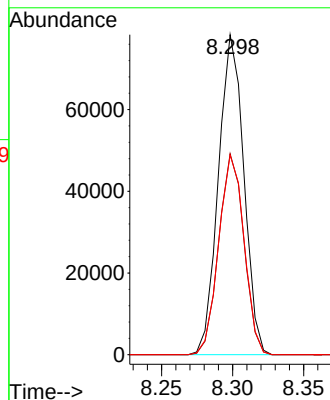
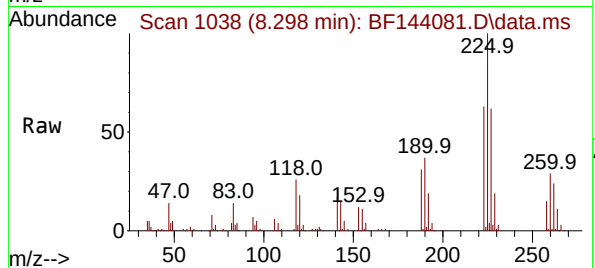
Tgt Ion:225 Resp: 97311

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

227 62.4 51.8 77.8



#35

Caprolactam

Concen: 13.592 ng

RT: 8.592 min Scan# 1088

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

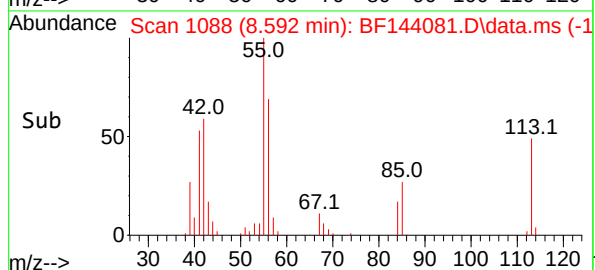
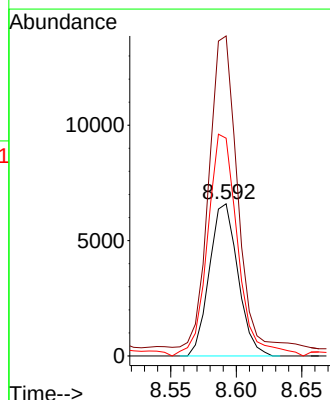
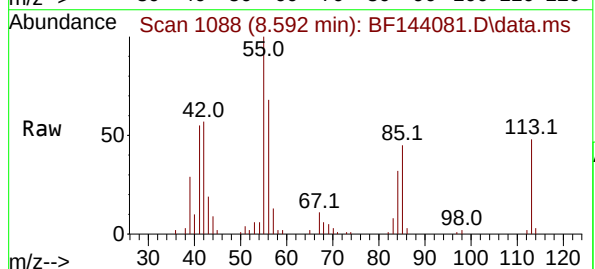
Tgt Ion:113 Resp: 9973

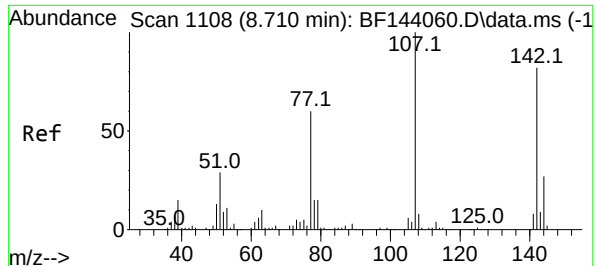
Ion Ratio Lower Upper

113 100

55 210.3 160.1 200.1#

56 143.1 124.9 164.9





#36

4-Chloro-3-methylphenol

Concen: 40.497 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

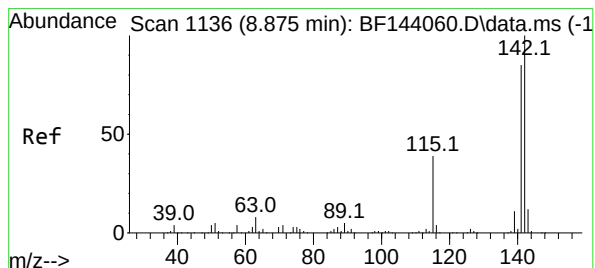
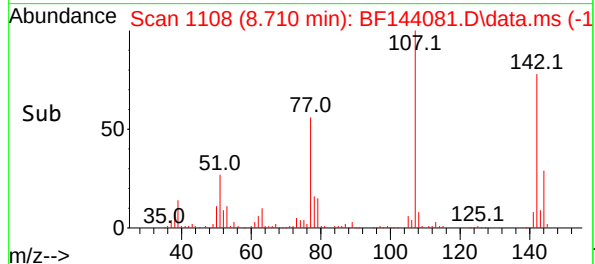
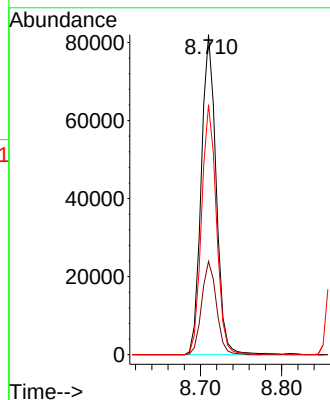
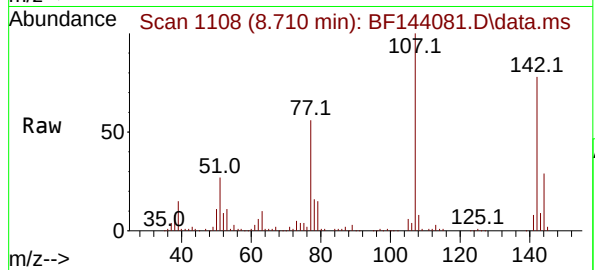
Tgt Ion:107 Resp: 104564

Ion Ratio Lower Upper

107 100

144 29.2 21.6 32.4

142 78.1 65.4 98.0



#37

2-Methylnaphthalene

Concen: 39.758 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144081.D

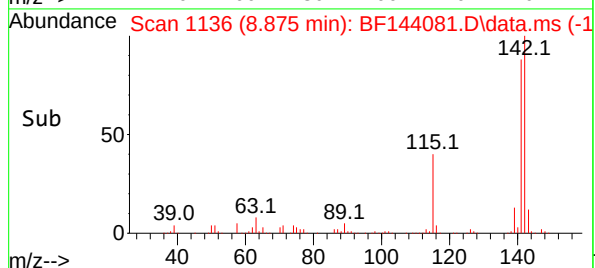
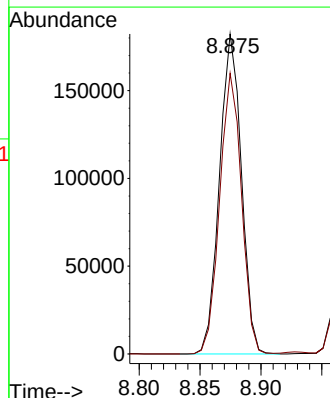
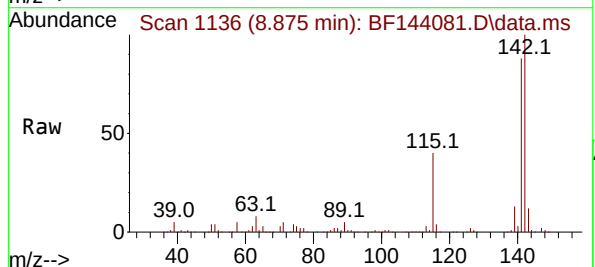
Acq: 27 Oct 2025 14:04

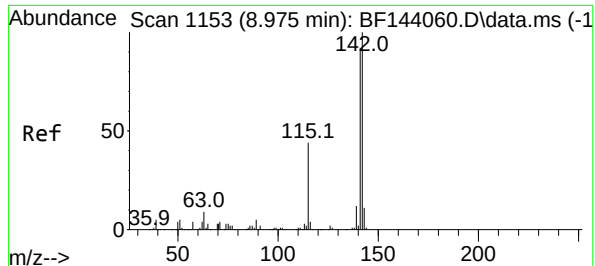
Tgt Ion:142 Resp: 228037

Ion Ratio Lower Upper

142 100

141 87.7 67.6 101.4





#38

1-Methylnaphthalene

Concen: 43.631 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

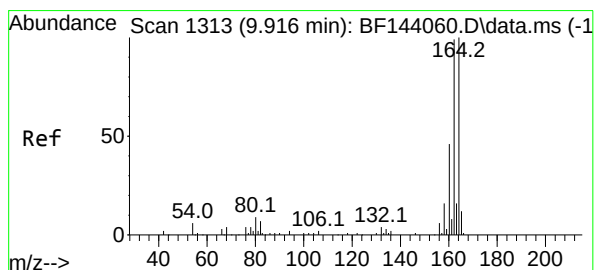
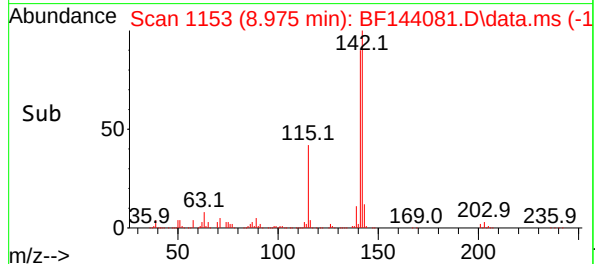
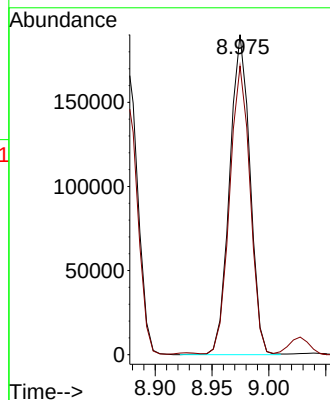
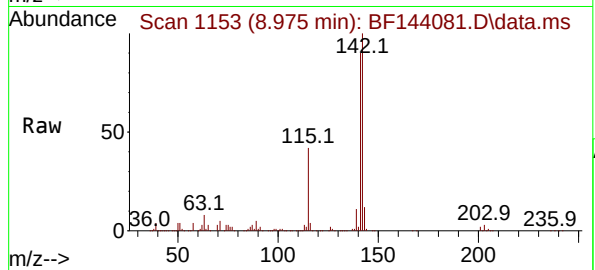
EFF-WWMSD

Tgt Ion:142 Resp: 237092

Ion Ratio Lower Upper

142 100

141 90.2 73.4 110.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

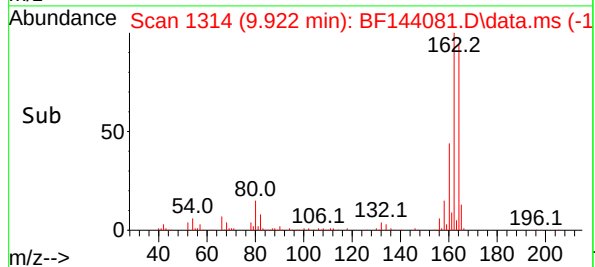
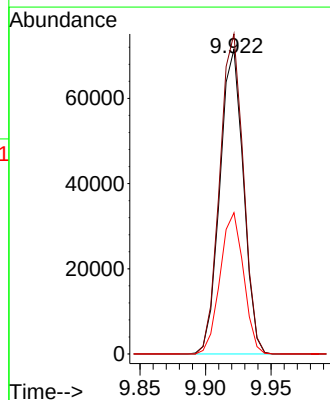
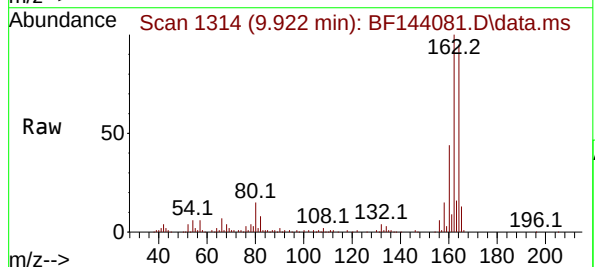
Tgt Ion:164 Resp: 89189

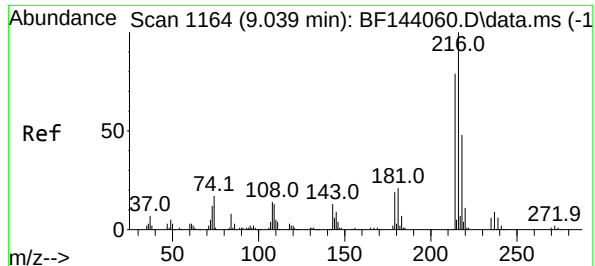
Ion Ratio Lower Upper

164 100

162 105.0 79.4 119.2

160 46.4 36.7 55.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.428 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion:216 Resp: 157639

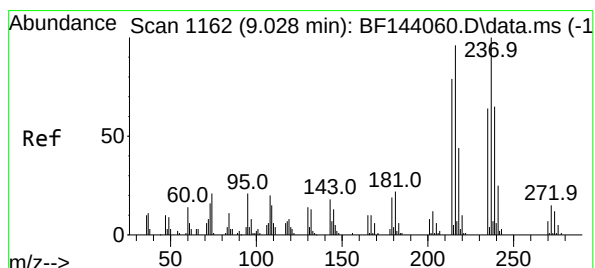
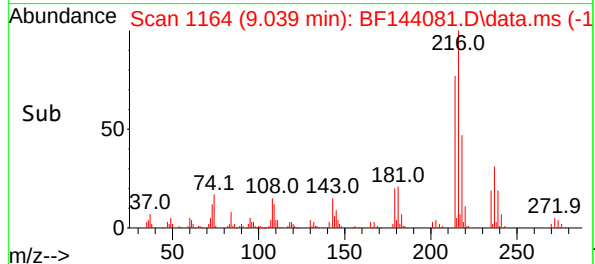
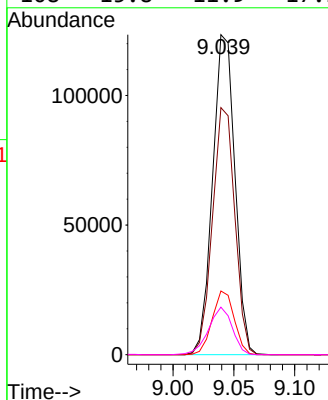
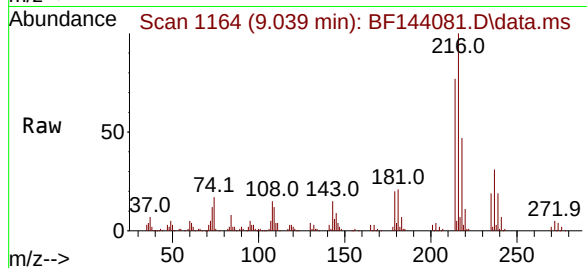
Ion Ratio Lower Upper

216 100

214 77.1 63.2 94.8

179 19.6 15.2 22.8

108 15.8 11.9 17.9



#41

Hexachlorocyclopentadiene

Concen: 125.925 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

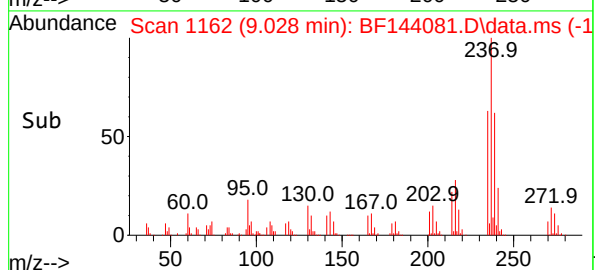
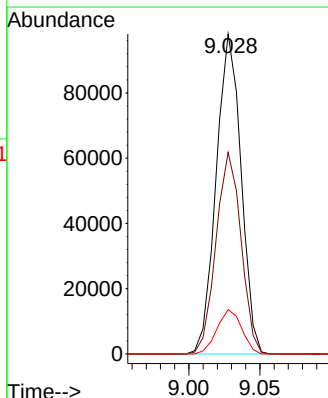
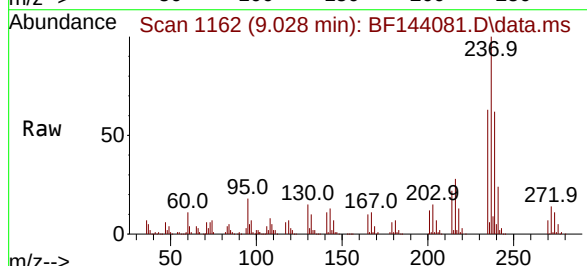
Tgt Ion:237 Resp: 119219

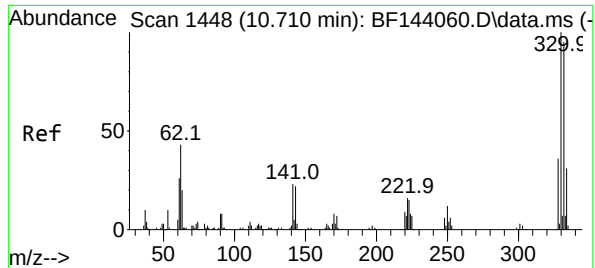
Ion Ratio Lower Upper

237 100

235 63.0 44.3 84.3

272 13.8 0.0 35.2

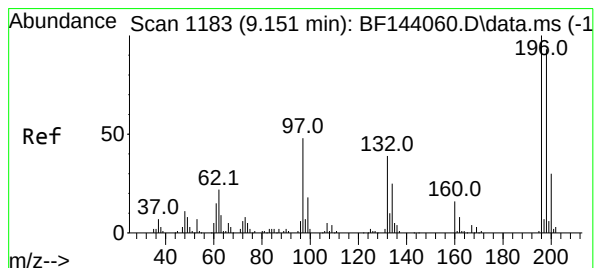
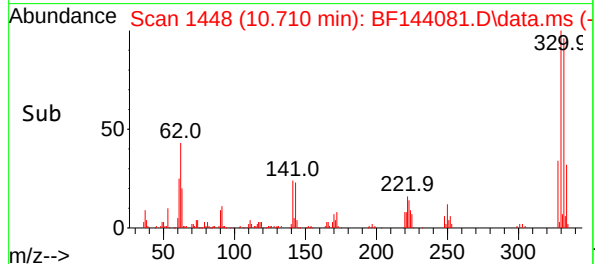
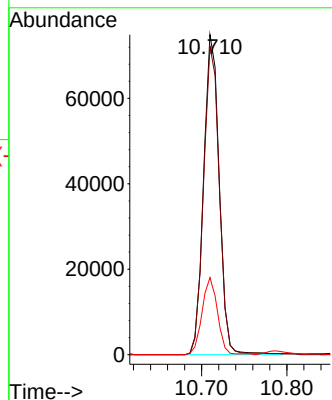
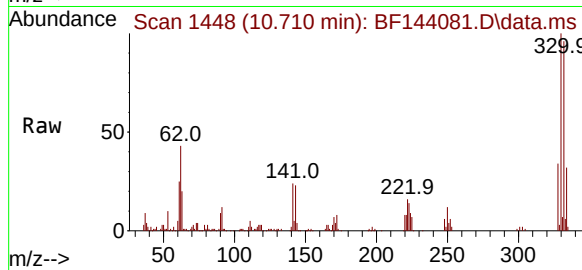




#42
 2,4,6-Tribromophenol
 Concen: 83.791 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: BF144081.D
 Acq: 27 Oct 2025 14:04

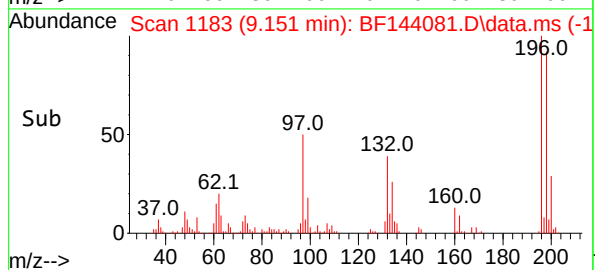
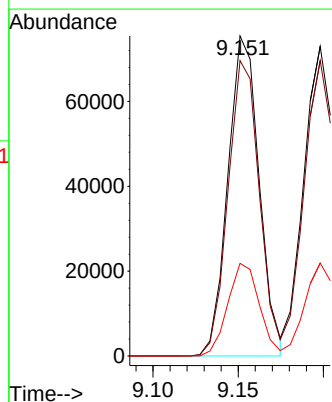
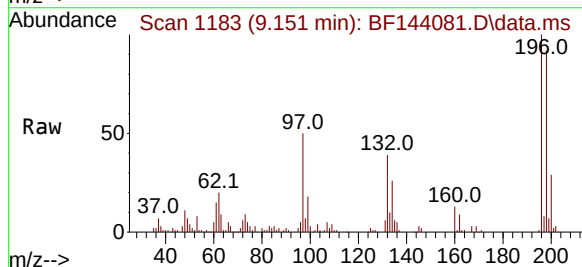
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

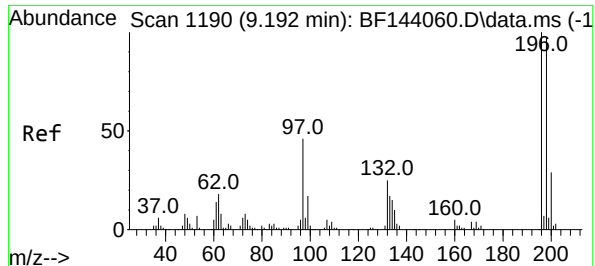
Tgt Ion:330 Resp: 95195
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 23.9 19.4 29.0



#43
 2,4,6-Trichlorophenol
 Concen: 48.197 ng
 RT: 9.151 min Scan# 1183
 Delta R.T. 0.000 min
 Lab File: BF144081.D
 Acq: 27 Oct 2025 14:04

Tgt Ion:196 Resp: 96027
 Ion Ratio Lower Upper
 196 100
 198 92.3 74.4 111.6
 200 28.9 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 46.699 ng

RT: 9.198 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion:196 Resp: 97649

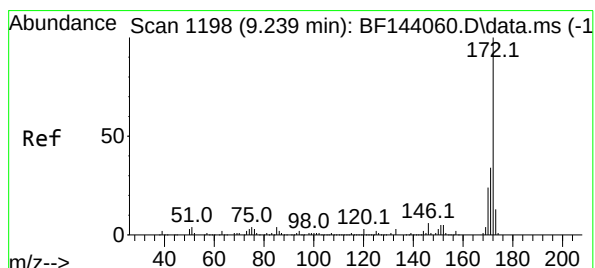
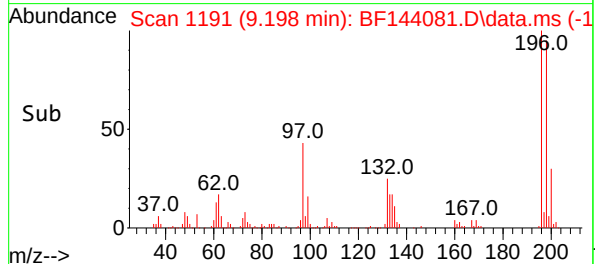
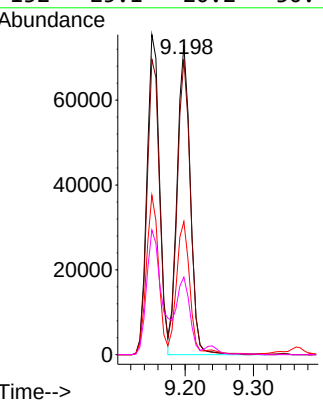
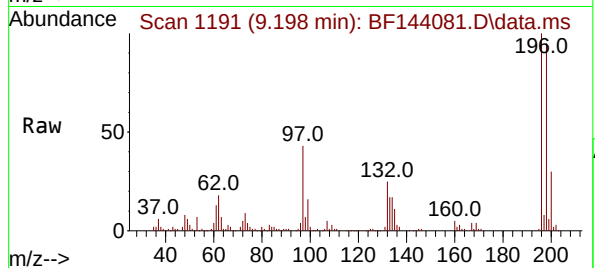
Ion Ratio Lower Upper

196 100

198 95.4 78.0 117.0

97 43.0 37.7 56.5

132 25.1 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 94.139 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

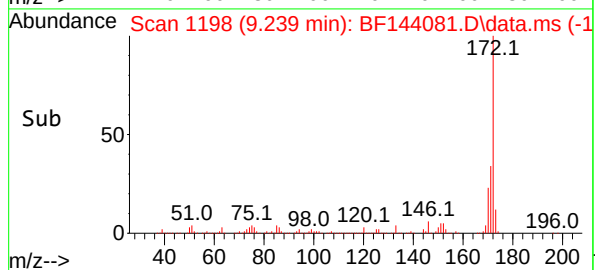
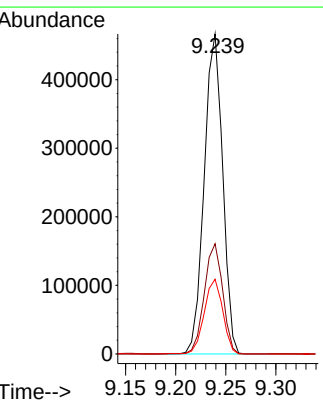
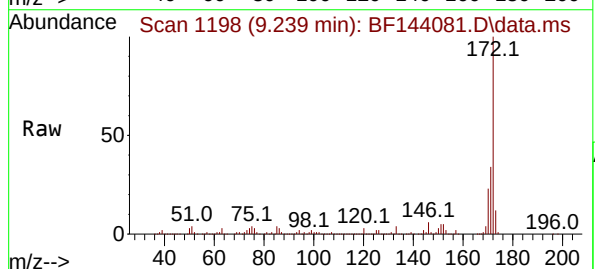
Tgt Ion:172 Resp: 596651

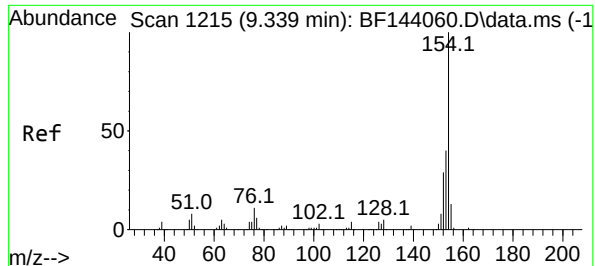
Ion Ratio Lower Upper

172 100

171 34.4 27.5 41.3

170 23.4 19.0 28.6





#46

1,1'-Biphenyl

Concen: 54.325 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

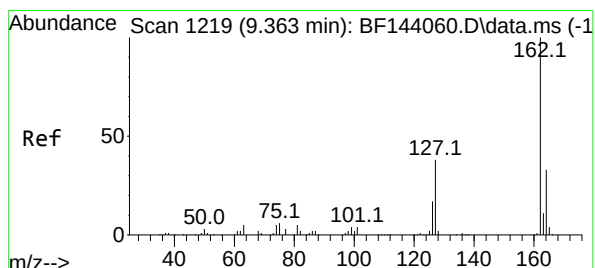
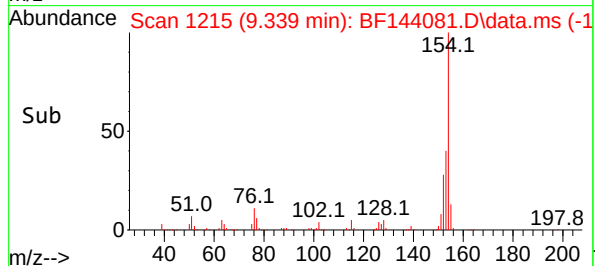
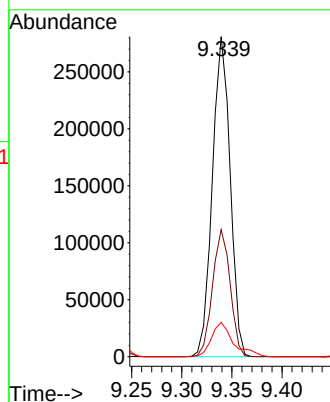
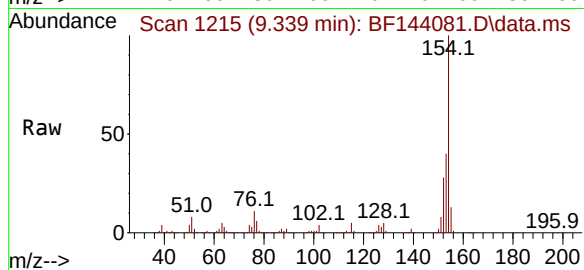
Tgt Ion:154 Resp: 346841

Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 10.7 0.0 31.1



#47

2-Chloronaphthalene

Concen: 48.398 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

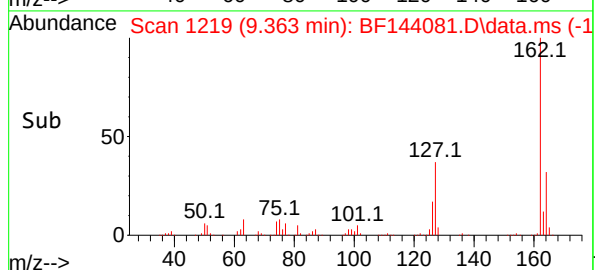
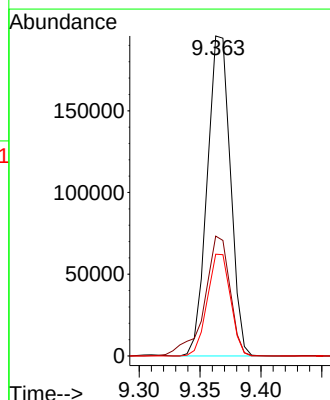
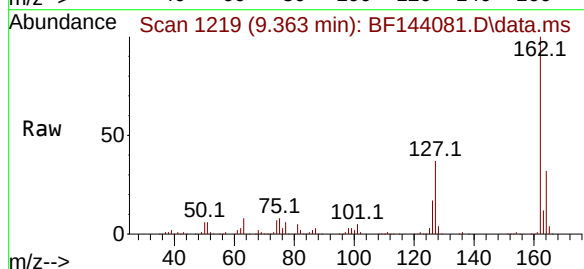
Tgt Ion:162 Resp: 258873

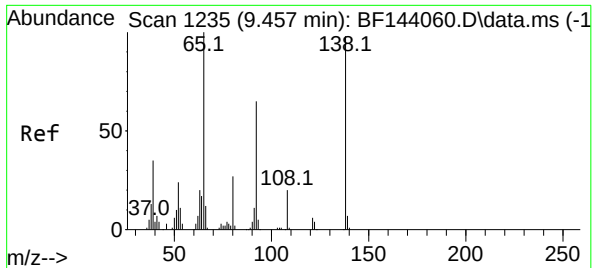
Ion Ratio Lower Upper

162 100

127 37.5 31.6 47.4

164 31.8 26.5 39.7

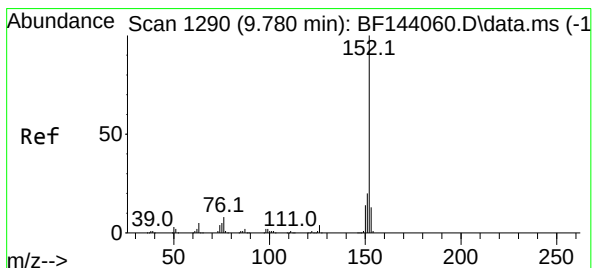
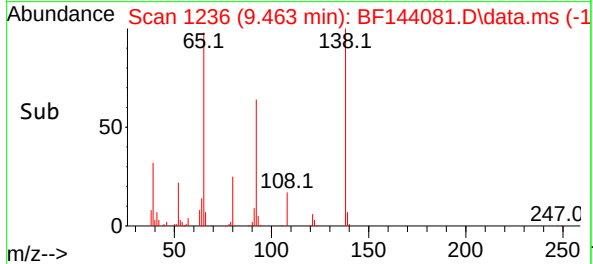
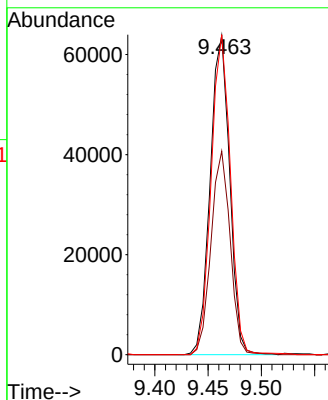
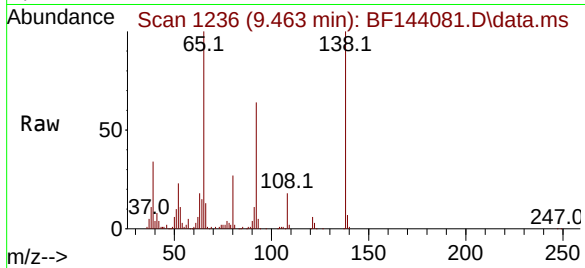




#48
2-Nitroaniline
Concen: 51.054 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

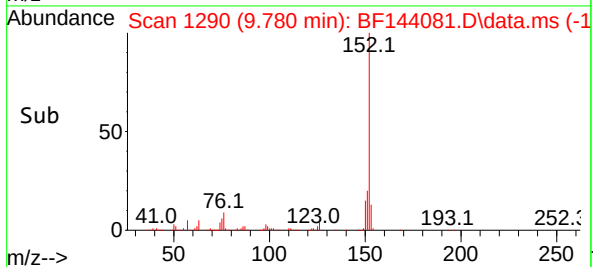
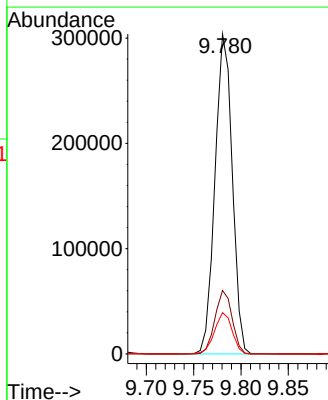
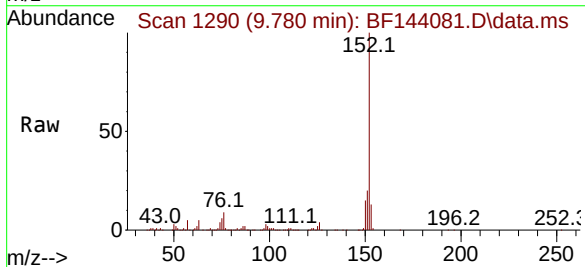
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

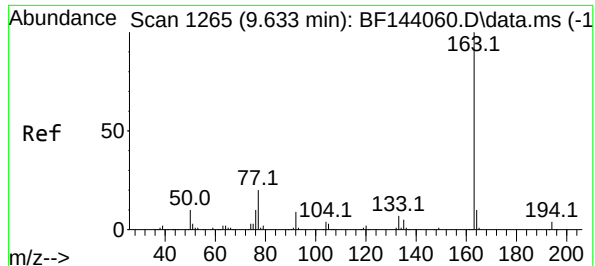
Tgt Ion: 65 Resp: 81090
Ion Ratio Lower Upper
65 100
92 63.8 52.3 78.5
138 100.3 78.3 117.5



#49
Acenaphthylene
Concen: 53.469 ng
RT: 9.780 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 152 Resp: 385627
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.9 10.4 15.6





#50

Dimethylphthalate

Concen: 50.289 ng

RT: 9.639 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

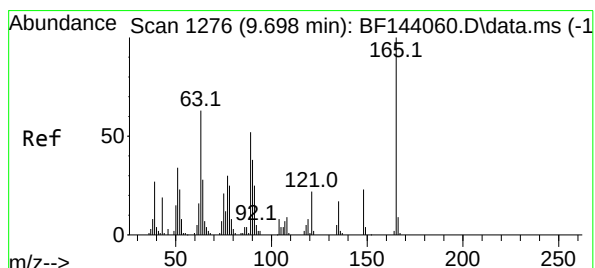
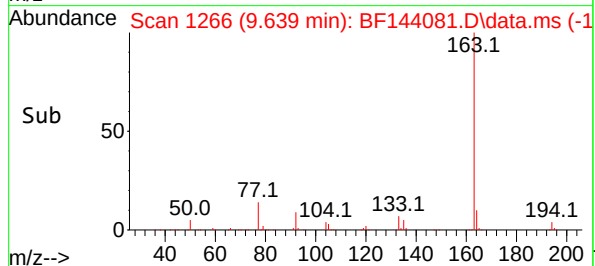
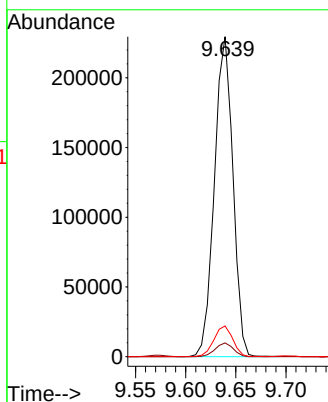
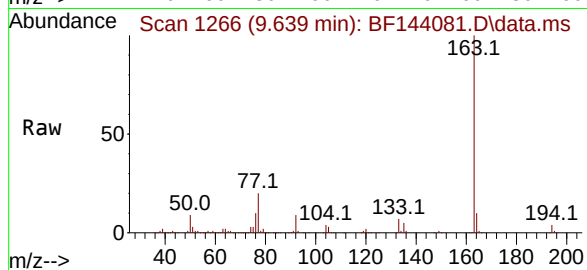
Tgt Ion:163 Resp: 293998

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.6 7.8 11.8



#51

2,6-Dinitrotoluene

Concen: 53.753 ng

RT: 9.704 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

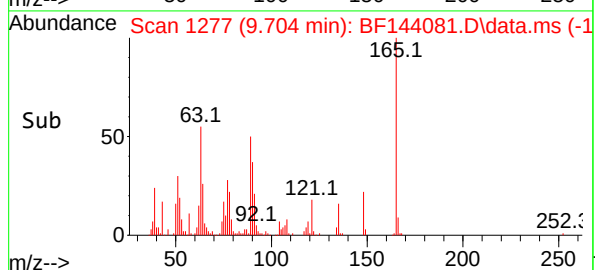
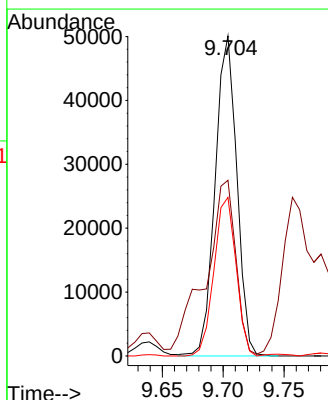
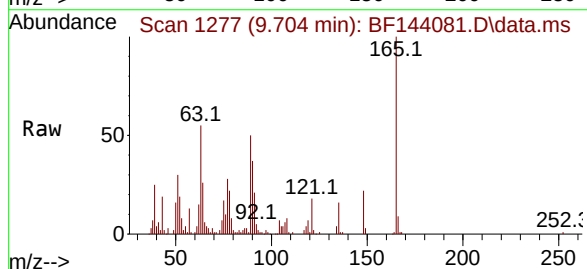
Tgt Ion:165 Resp: 62124

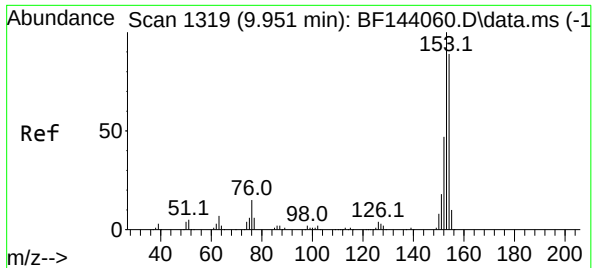
Ion Ratio Lower Upper

165 100

63 54.9 50.4 75.6

89 49.5 41.4 62.2

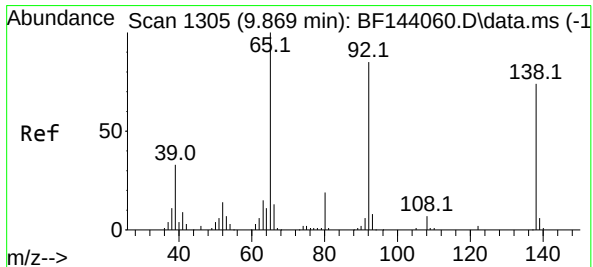
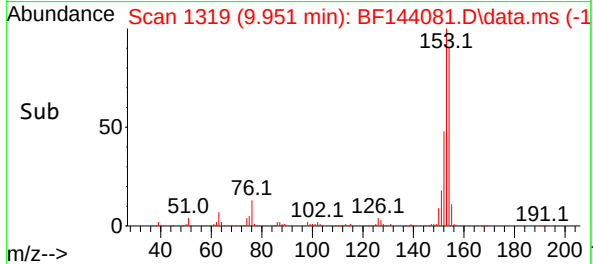
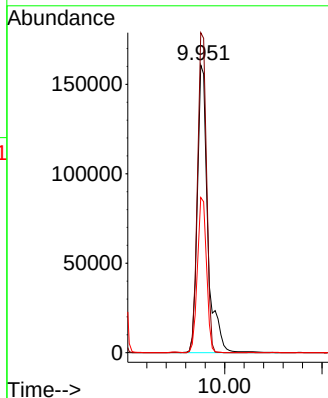
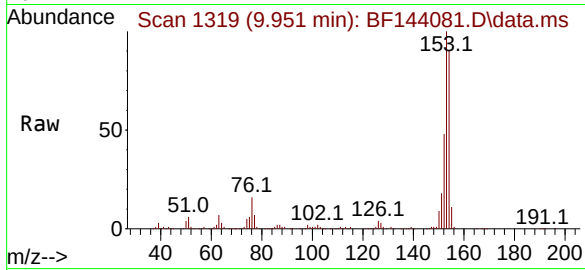




#52
Acenaphthene
Concen: 50.158 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

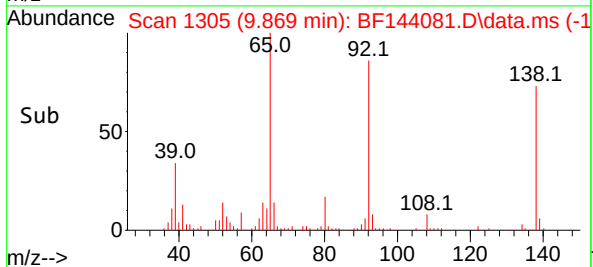
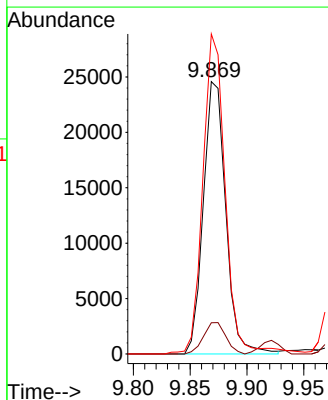
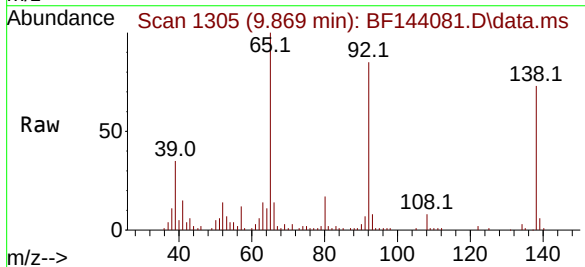
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

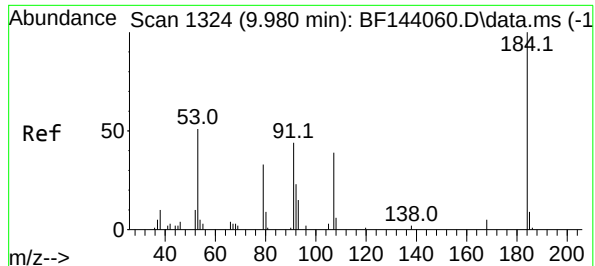
Tgt Ion:154 Resp: 241590
Ion Ratio Lower Upper
154 100
153 111.2 89.9 134.9
152 53.9 42.0 63.0



#53
3-Nitroaniline
Concen: 26.349 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:138 Resp: 33858
Ion Ratio Lower Upper
138 100
108 11.5 7.9 11.9
92 117.5 92.0 138.0





#54

2,4-Dinitrophenol

Concen: 87.648 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

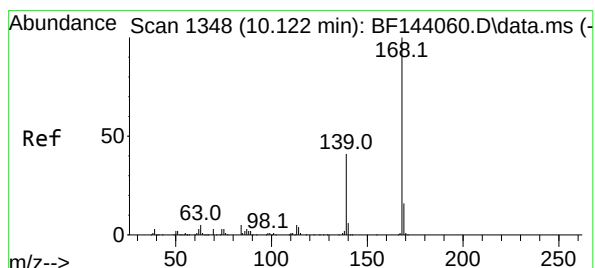
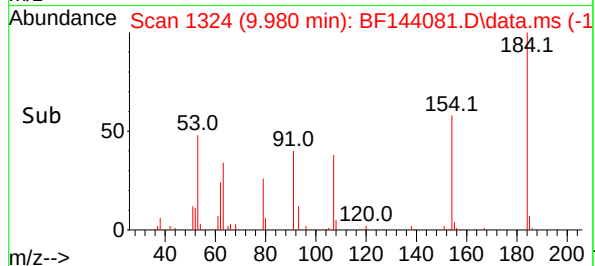
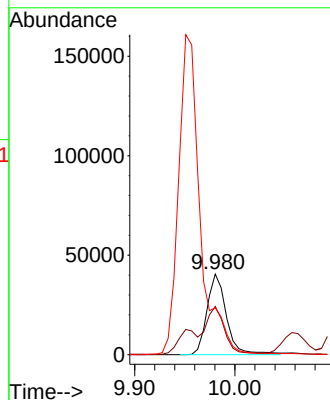
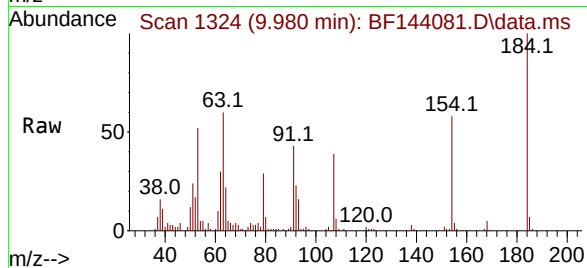
Tgt Ion:184 Resp: 54788

Ion Ratio Lower Upper

184 100

63 59.9 52.1 78.1

154 58.1 47.9 71.9



#55

Dibenzofuran

Concen: 46.893 ng

RT: 10.127 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

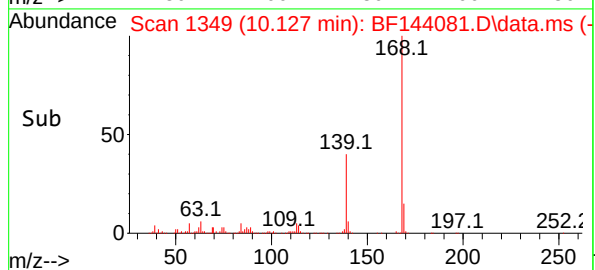
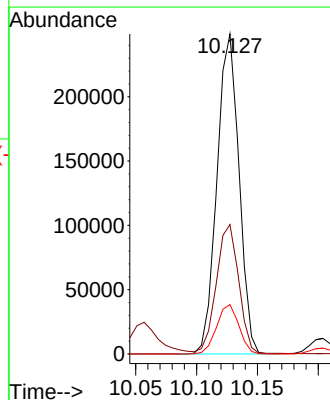
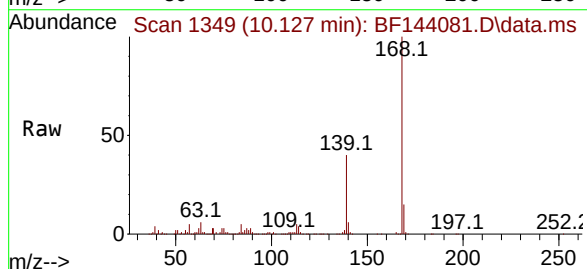
Tgt Ion:168 Resp: 313560

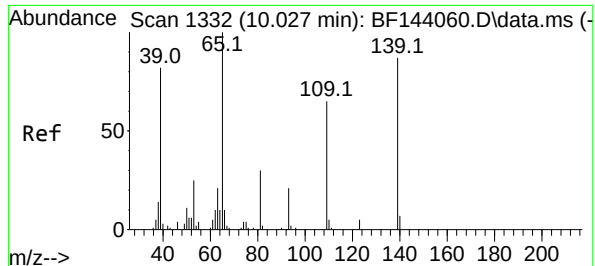
Ion Ratio Lower Upper

168 100

139 40.5 33.2 49.8

169 15.5 12.6 19.0





#56

4-Nitrophenol

Concen: 45.436 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.029 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

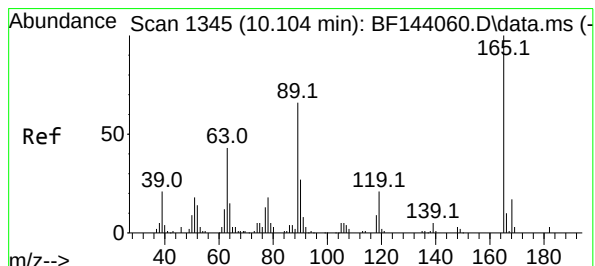
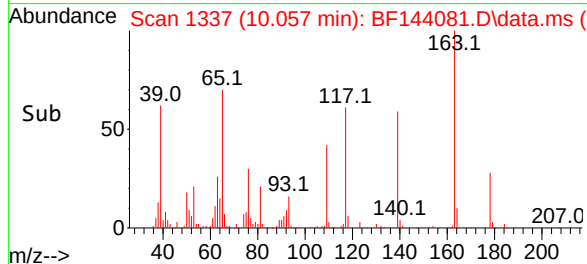
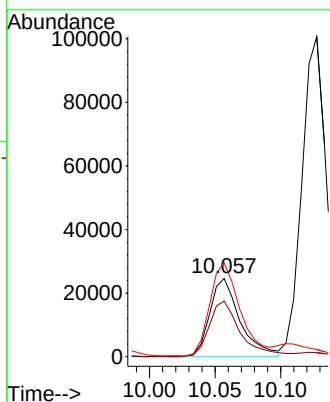
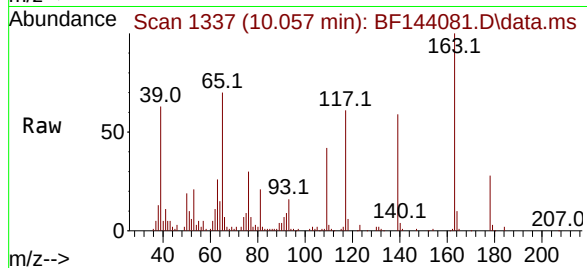
Tgt Ion:139 Resp: 39535

Ion Ratio Lower Upper

139 100

109 71.1 53.8 93.8

65 120.0 95.9 135.9



#57

2,4-Dinitrotoluene

Concen: 52.154 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Tgt Ion:165 Resp: 81351

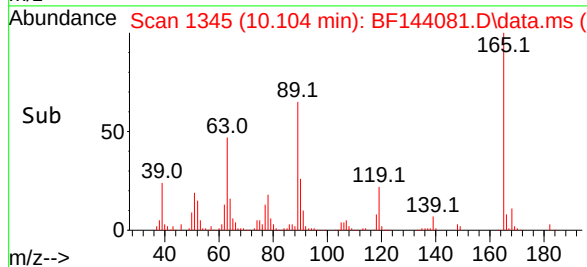
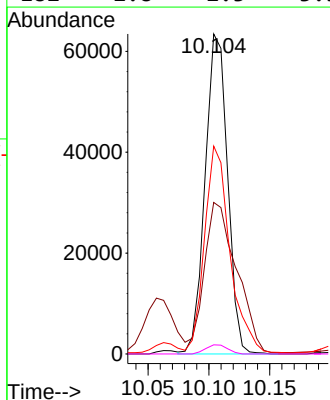
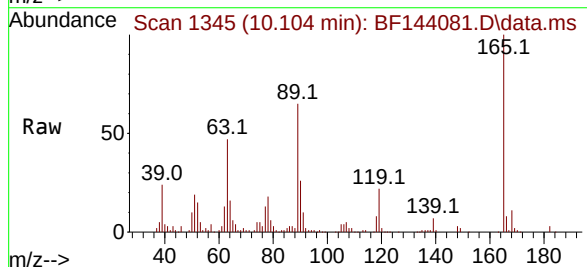
Ion Ratio Lower Upper

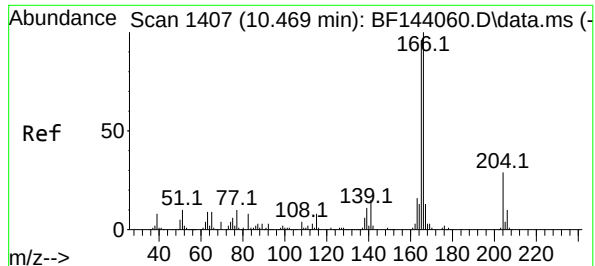
165 100

63 47.4 35.4 53.2

89 64.9 52.7 79.1

182 2.8 2.3 3.5





#58

Fluorene

Concen: 48.073 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

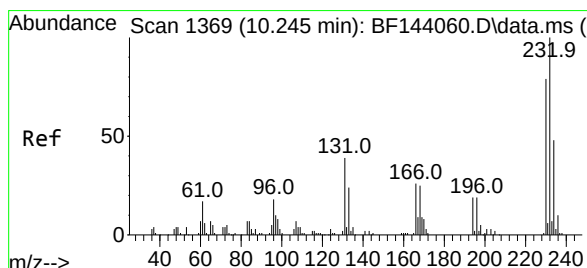
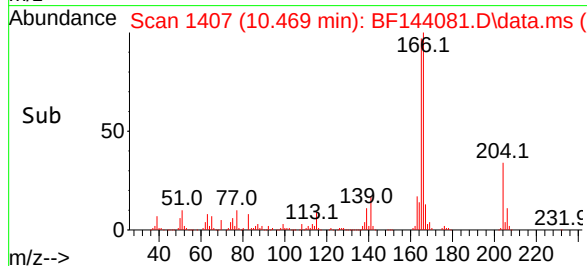
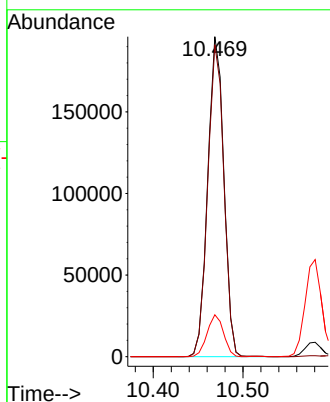
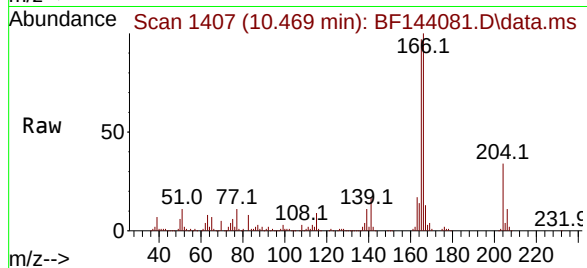
Tgt Ion:166 Resp: 244931

Ion Ratio Lower Upper

166 100

165 97.5 77.0 115.4

167 13.1 10.2 15.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 49.110 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Tgt Ion:232 Resp: 72364

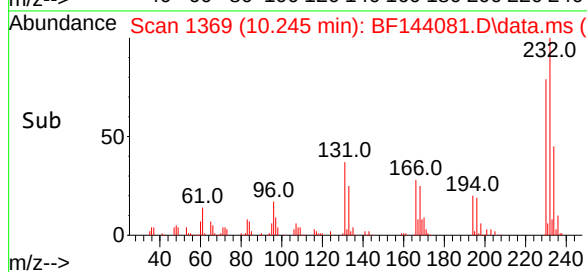
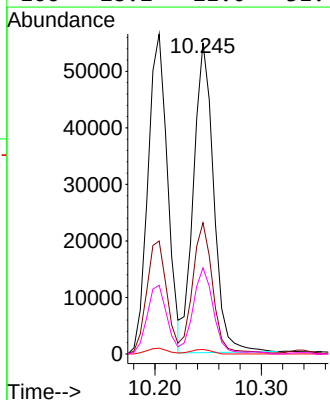
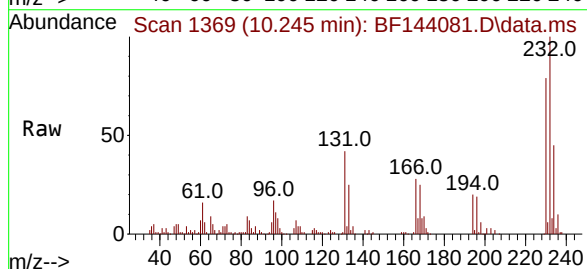
Ion Ratio Lower Upper

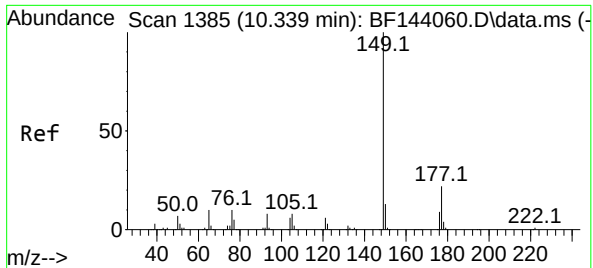
232 100

131 42.3 31.9 47.9

130 1.5 1.1 1.7

166 28.2 21.0 31.4





#60

Diethylphthalate

Concen: 47.520 ng

RT: 10.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

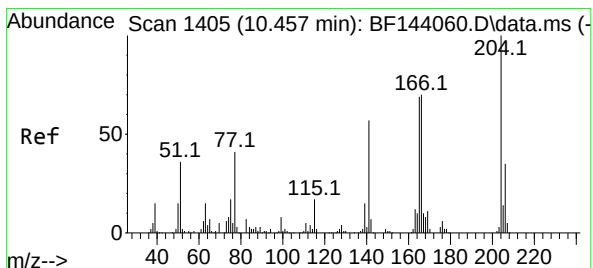
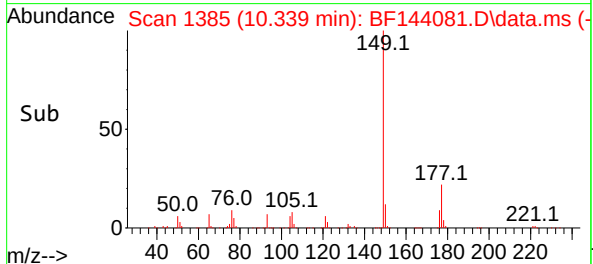
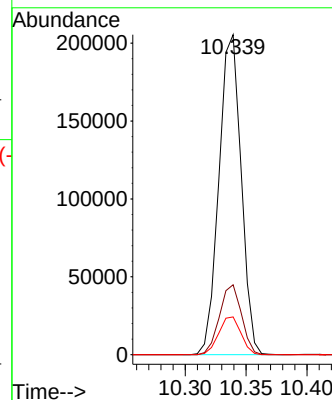
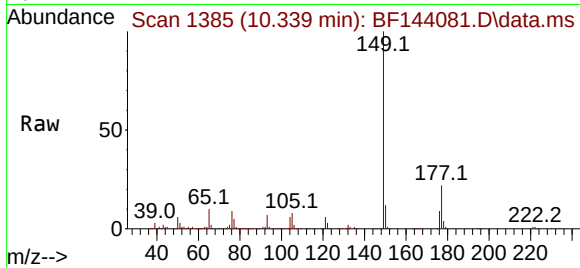
Tgt Ion:149 Resp: 261261

Ion Ratio Lower Upper

149 100

177 21.8 17.8 26.6

150 11.8 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 46.376 ng

RT: 10.463 min Scan# 1406

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

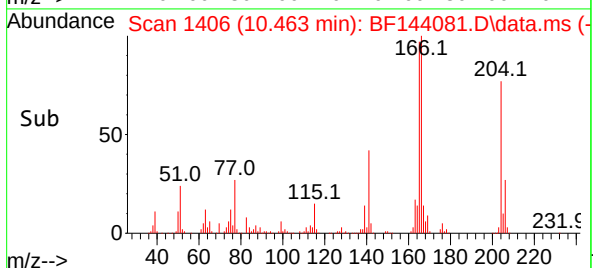
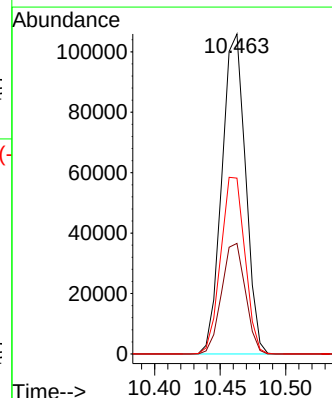
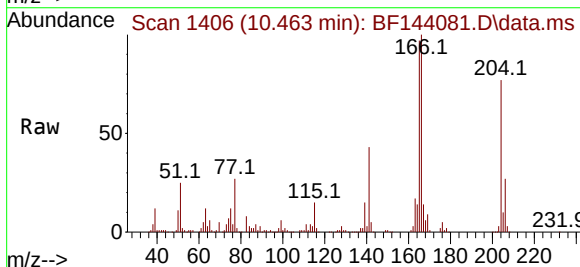
Tgt Ion:204 Resp: 132877

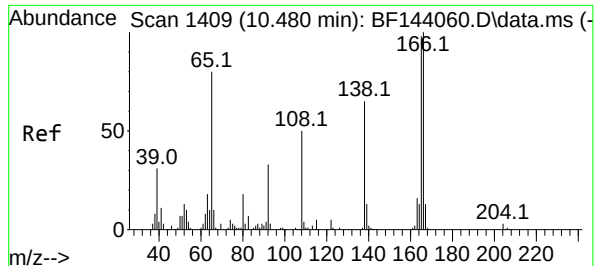
Ion Ratio Lower Upper

204 100

206 34.5 27.8 41.6

141 54.9 45.4 68.2

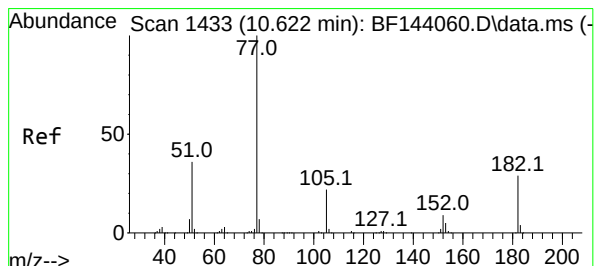
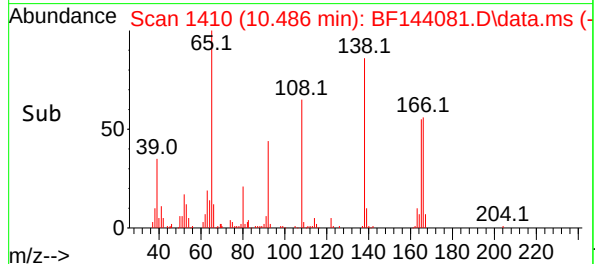
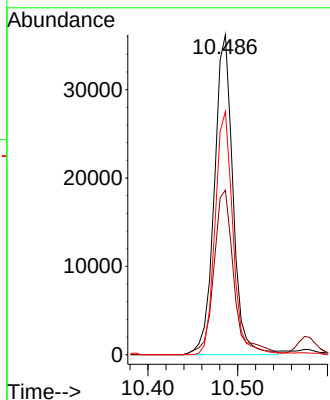
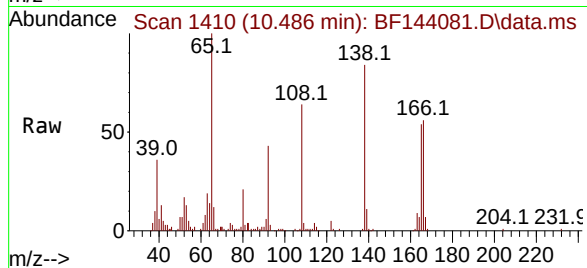




#62
4-Nitroaniline
Concen: 42.865 ng
RT: 10.486 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

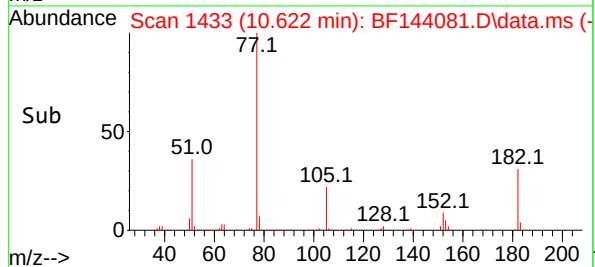
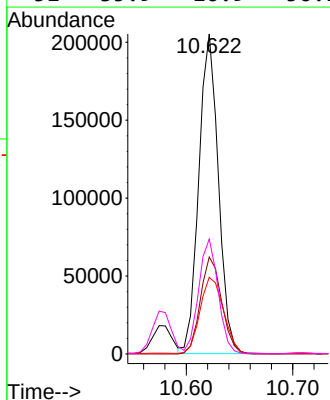
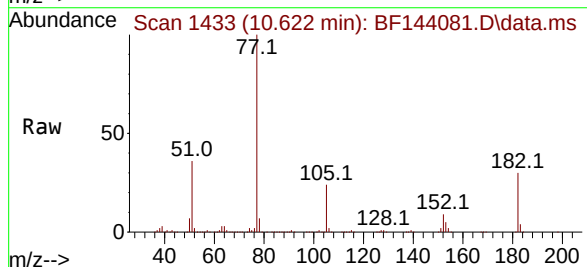
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

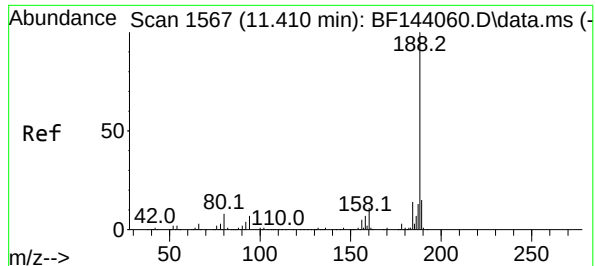
Tgt Ion:138 Resp: 52188
Ion Ratio Lower Upper
138 100
92 51.4 30.5 70.5
108 76.0 56.2 96.2



#63
Azobenzene
Concen: 50.397 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion: 77 Resp: 262249
Ion Ratio Lower Upper
77 100
182 30.3 9.0 49.0
105 24.0 1.4 41.4
51 35.9 16.9 56.9

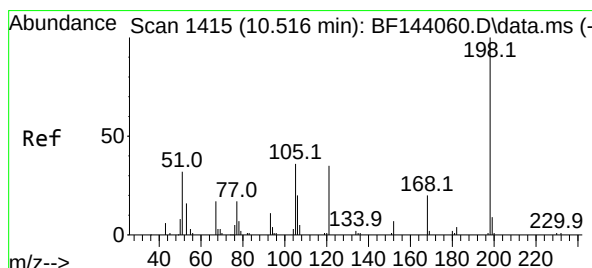
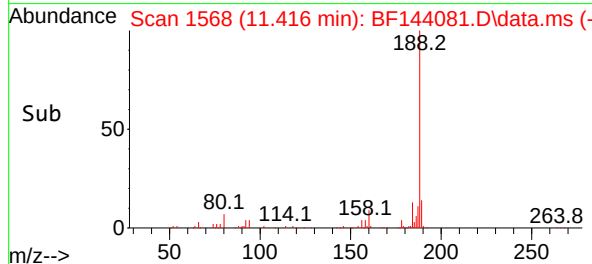
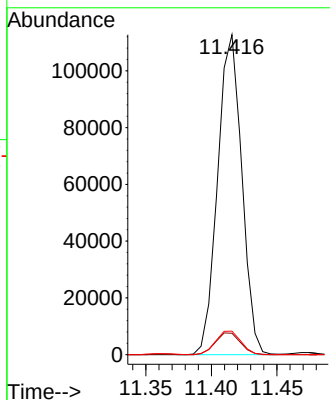
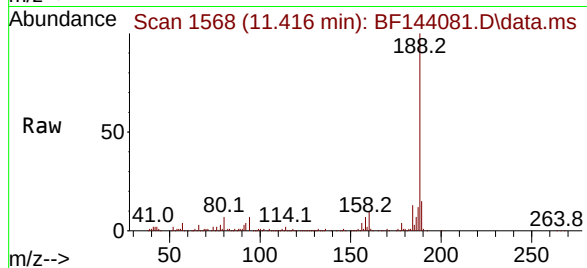




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

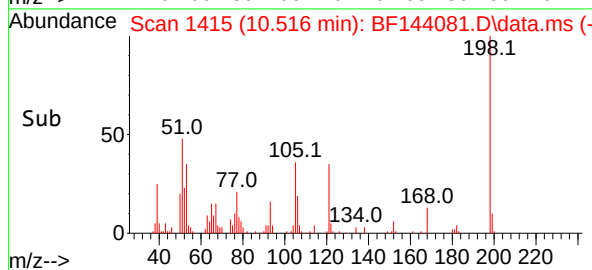
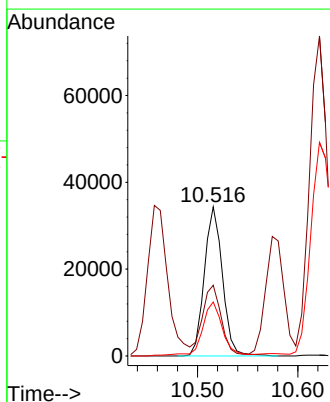
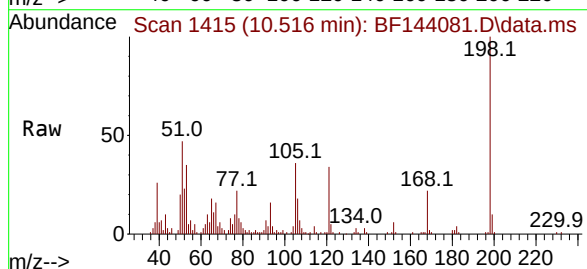
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

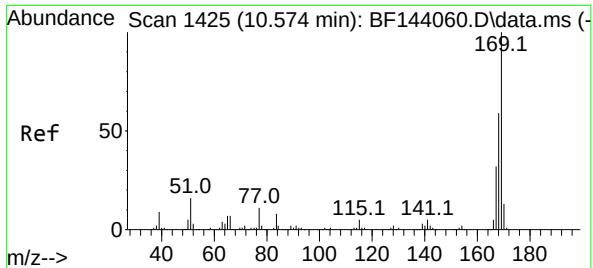
Tgt Ion:188 Resp: 144598
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.4 6.0 9.0



#65
4,6-Dinitro-2-methylphenol
Concen: 46.561 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:198 Resp: 43196
Ion Ratio Lower Upper
198 100
51 47.5 25.8 65.8
105 36.1 17.2 57.2

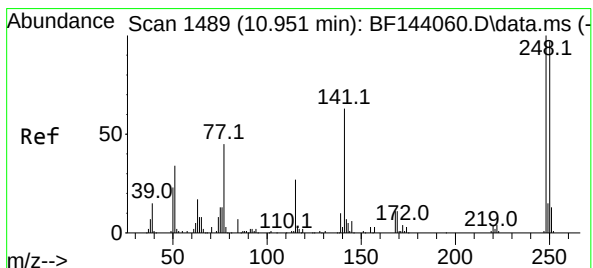
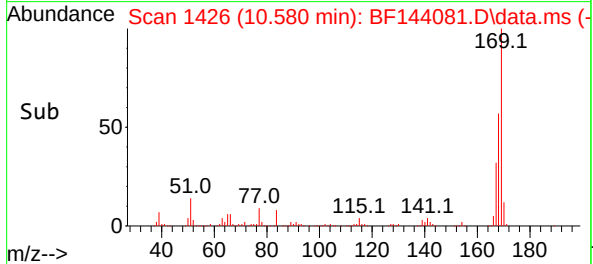
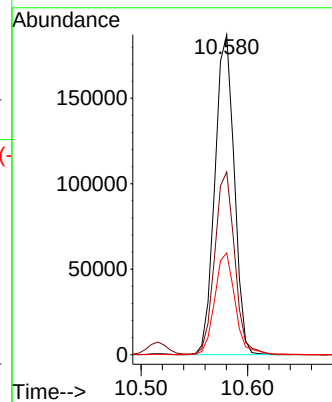
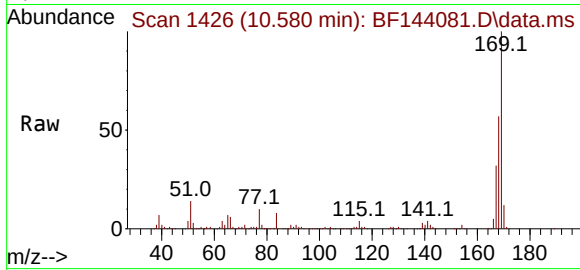




#66
n-Nitrosodiphenylamine
Concen: 50.990 ng
RT: 10.580 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

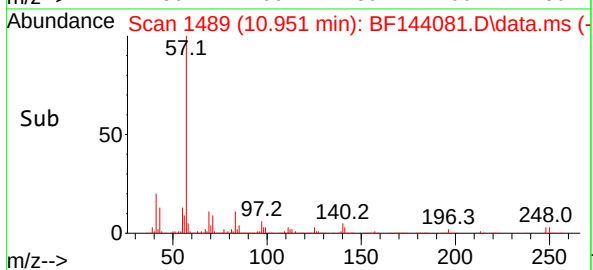
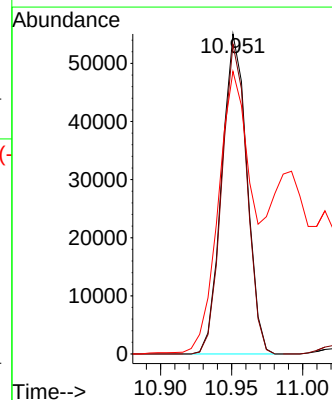
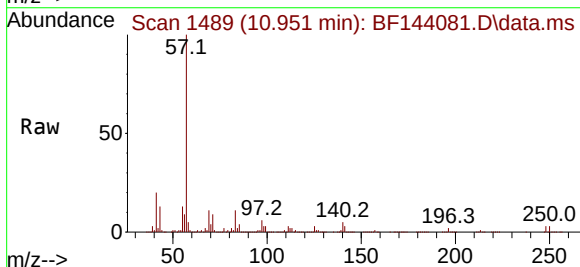
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

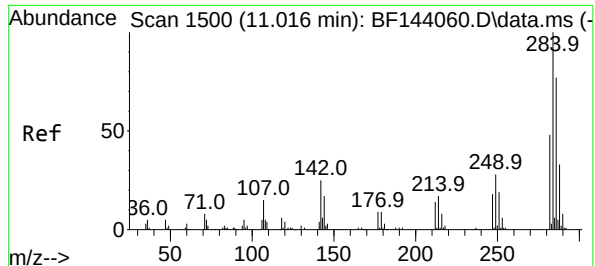
Tgt Ion:169 Resp: 235572
Ion Ratio Lower Upper
169 100
168 57.1 47.4 71.2
167 31.8 25.5 38.3



#67
4-Bromophenyl-phenylether
Concen: 37.415 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:248 Resp: 67738
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 88.3 50.5 75.7#





#68

Hexachlorobenzene

Concen: 41.439 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

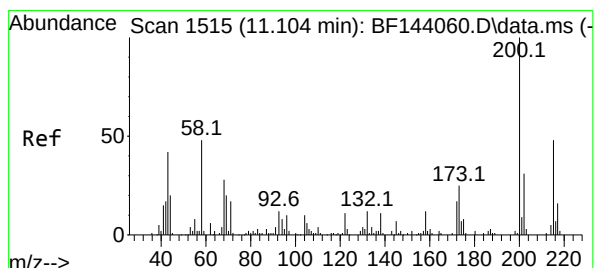
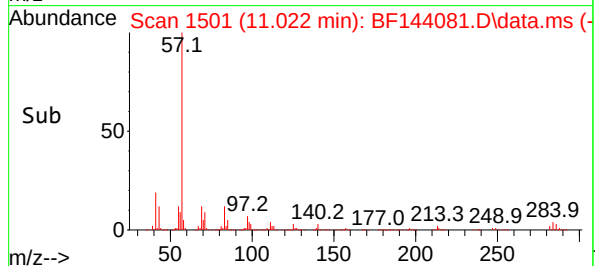
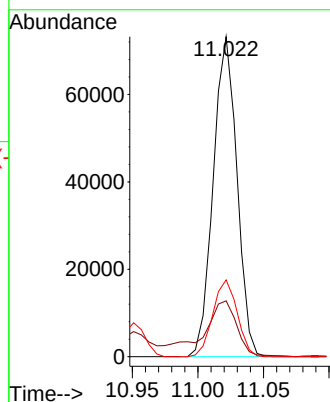
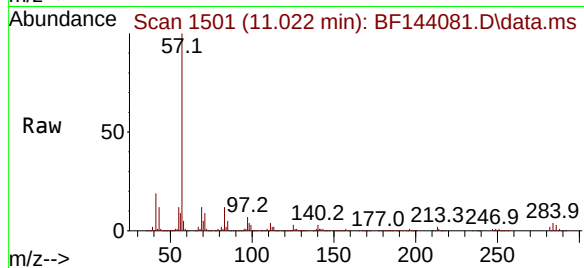
Tgt Ion:284 Resp: 92011

Ion Ratio Lower Upper

284 100

142 17.5 20.0 30.0#

249 24.0 22.2 33.2



#69

Atrazine

Concen: 27.923 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

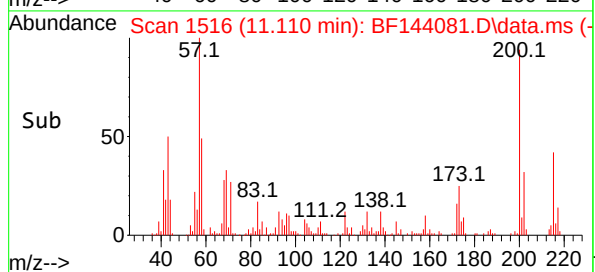
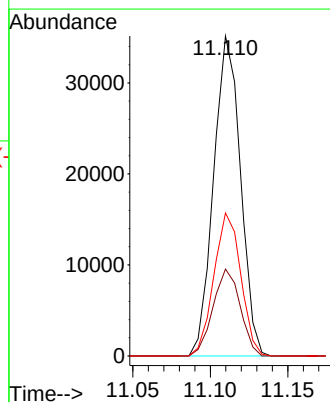
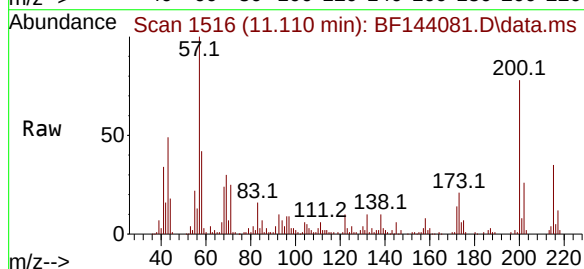
Tgt Ion:200 Resp: 42332

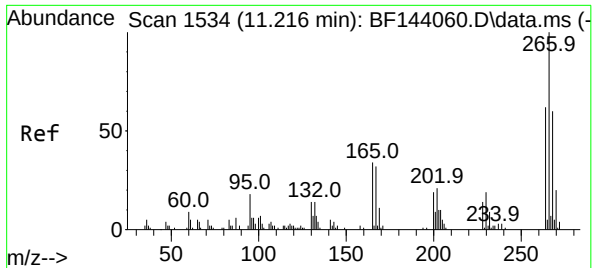
Ion Ratio Lower Upper

200 100

173 27.1 4.9 44.9

215 44.7 28.2 68.2

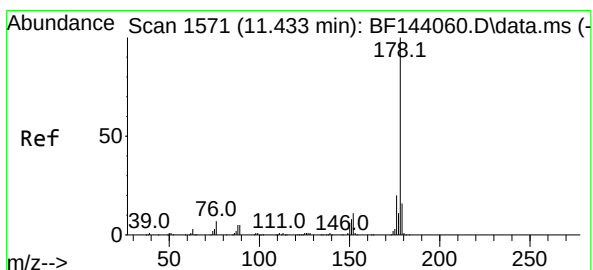
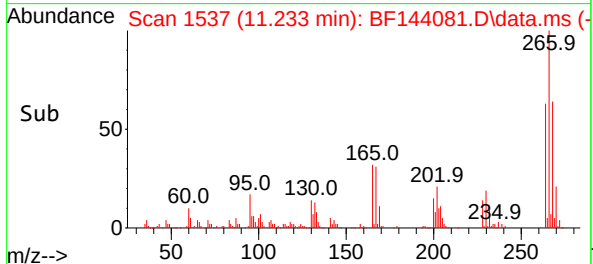
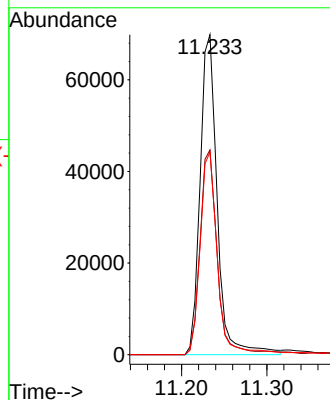
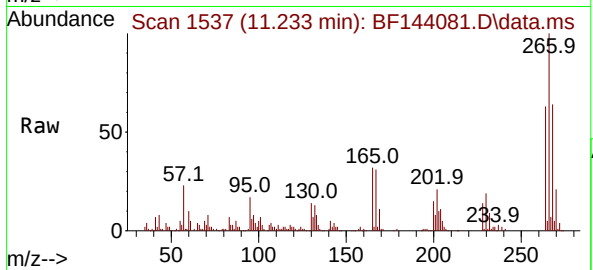




#70
Pentachlorophenol
Concen: 92.139 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.018 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

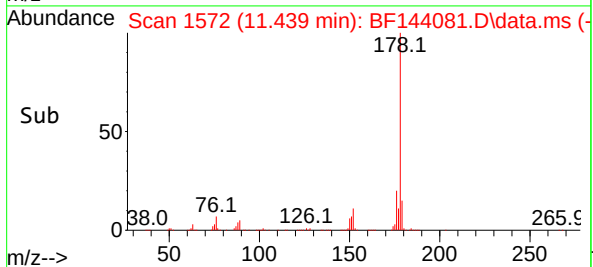
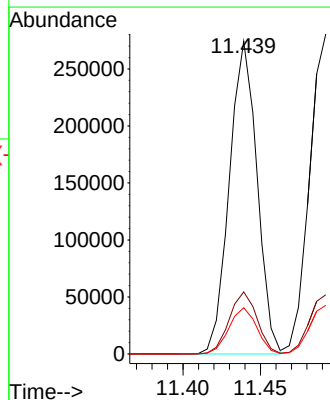
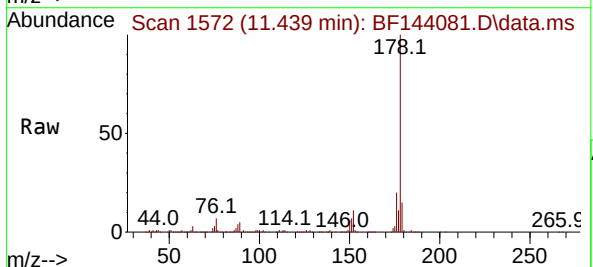
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

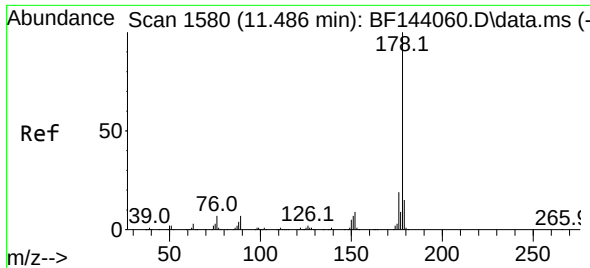
Tgt Ion:266 Resp: 97382
Ion Ratio Lower Upper
266 100
268 64.0 48.2 72.4
264 63.4 49.4 74.0



#71
Phenanthrene
Concen: 47.402 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:178 Resp: 340484
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 14.8 12.6 18.8

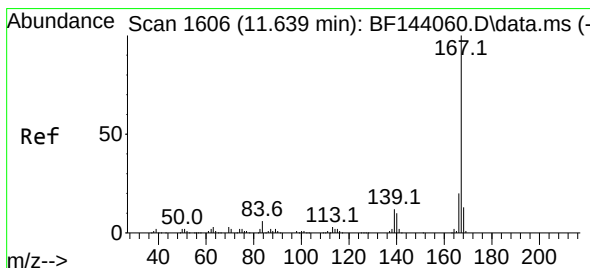
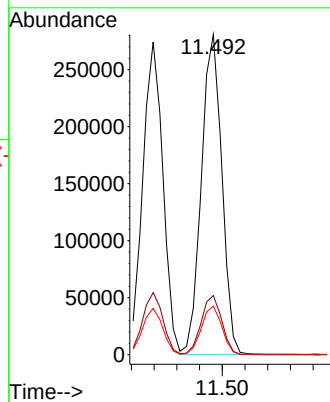
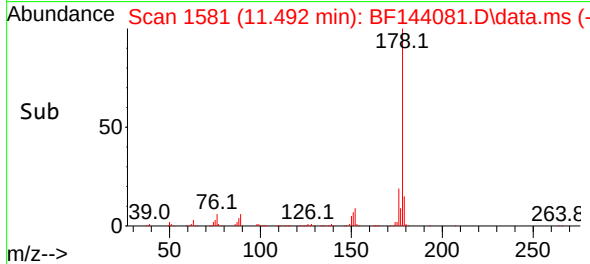
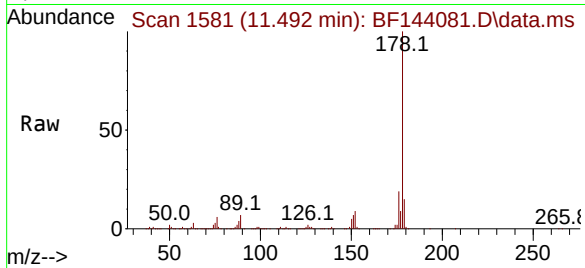




#72
Anthracene
Concen: 47.340 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

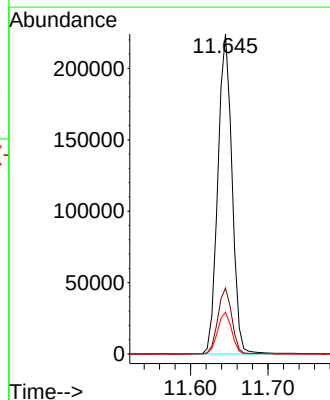
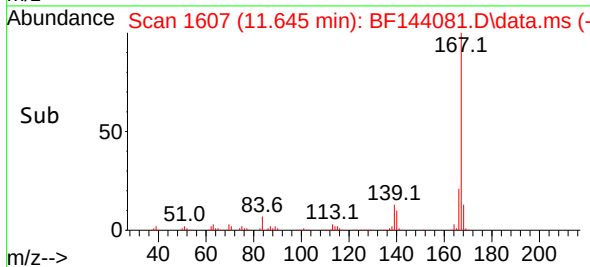
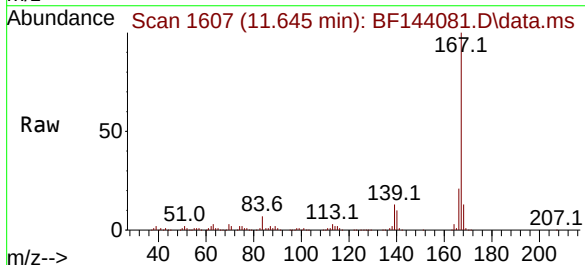
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

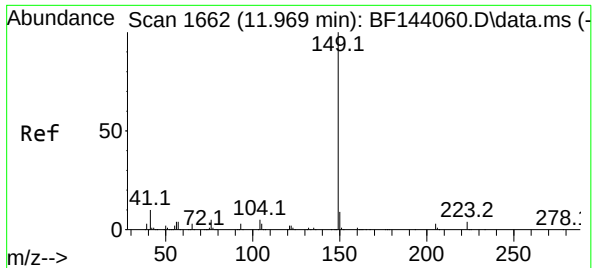
Tgt Ion:178 Resp: 351270
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.2 11.8 17.6



#73
Carbazole
Concen: 45.005 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:167 Resp: 284242
Ion Ratio Lower Upper
167 100
166 20.6 16.1 24.1
139 13.0 9.8 14.6

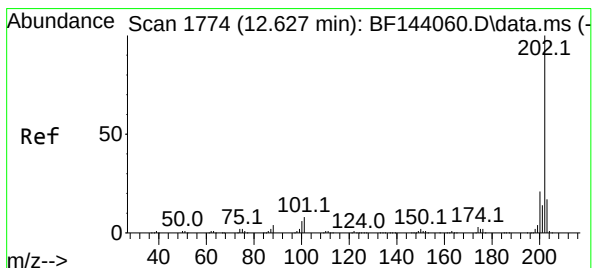
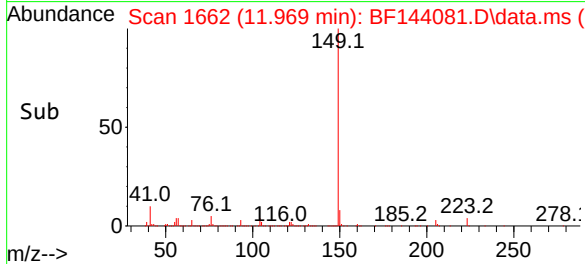
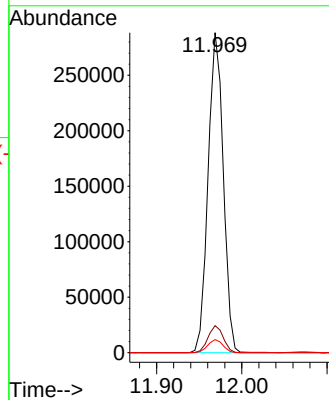
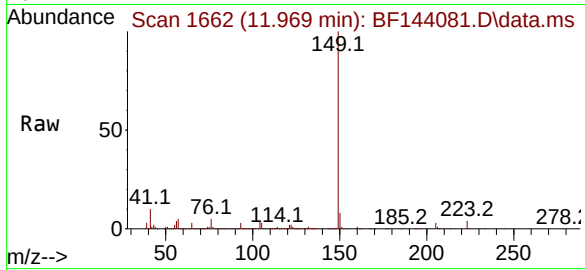




#74
Di-n-butylphthalate
Concen: 46.106 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

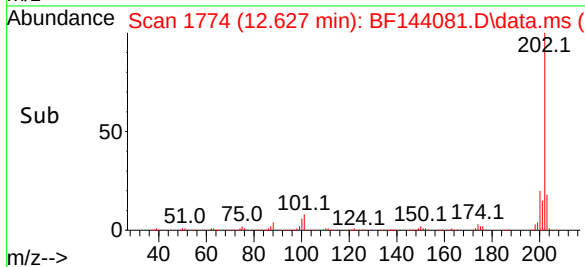
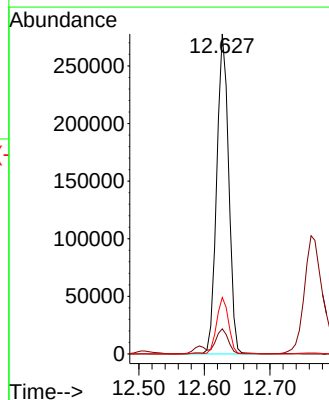
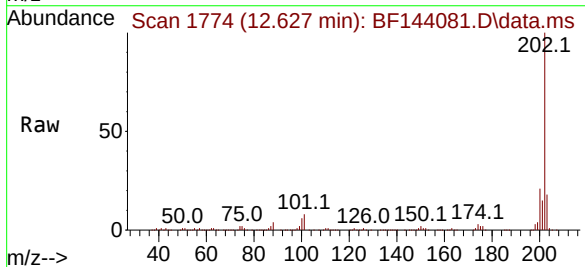
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

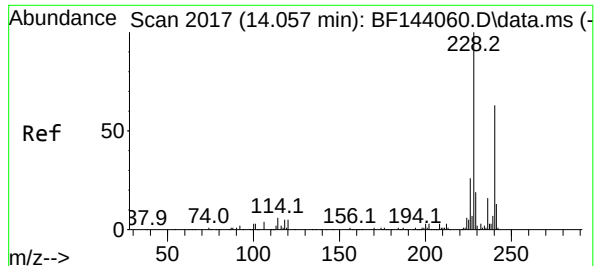
Tgt Ion:149 Resp: 357018
Ion Ratio Lower Upper
149 100
150 8.5 7.3 10.9
104 4.1 3.6 5.4



#75
Fluoranthene
Concen: 44.305 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:202 Resp: 351597
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 17.7 0.0 37.3

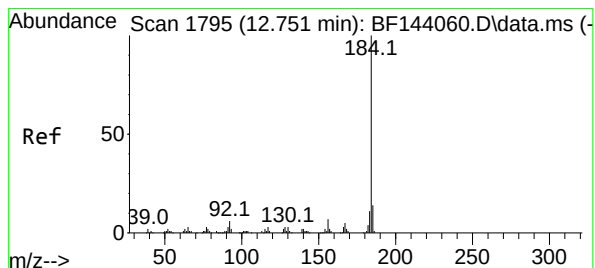
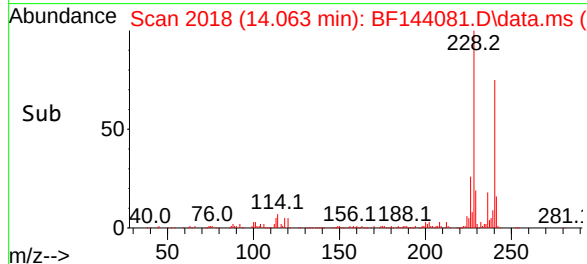
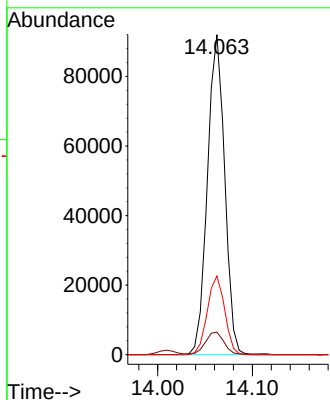
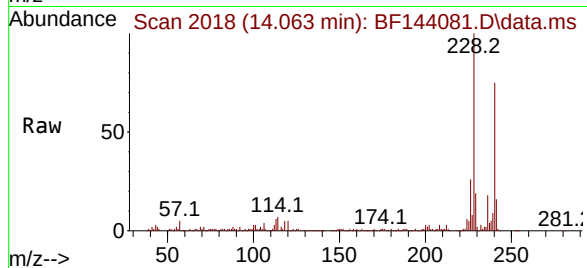




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

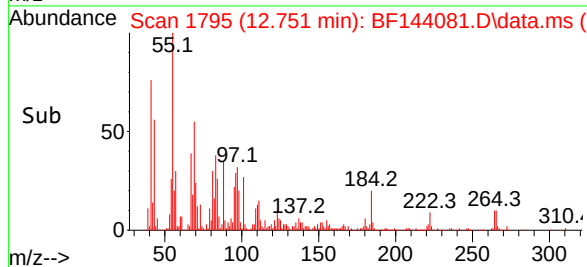
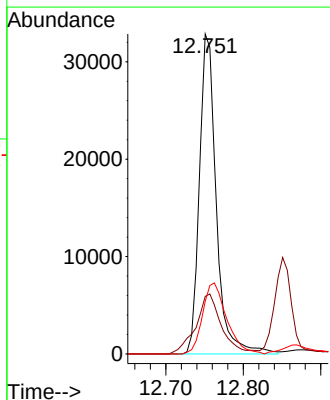
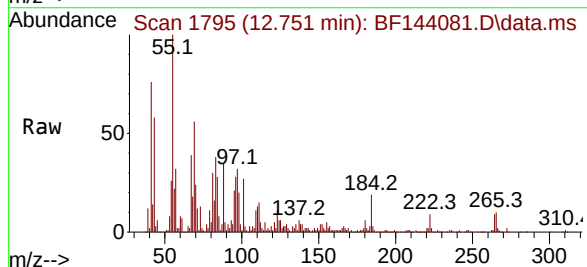
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

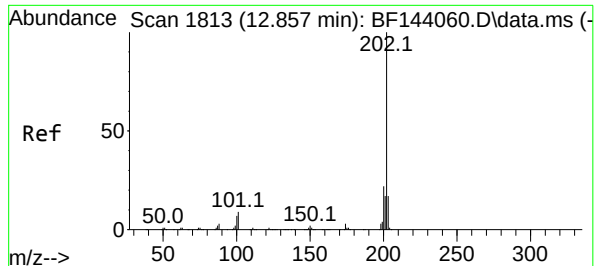
Tgt Ion:240 Resp: 116309
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 24.6 20.1 30.1



#77
Benzidine
Concen: 13.732 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:184 Resp: 49705
Ion Ratio Lower Upper
184 100
185 18.0 11.6 17.4#
183 16.5 8.5 12.7#





#78

Pyrene

Concen: 31.936 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

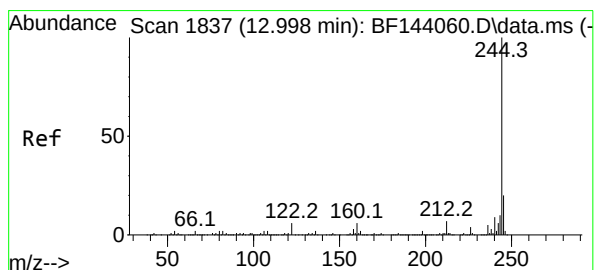
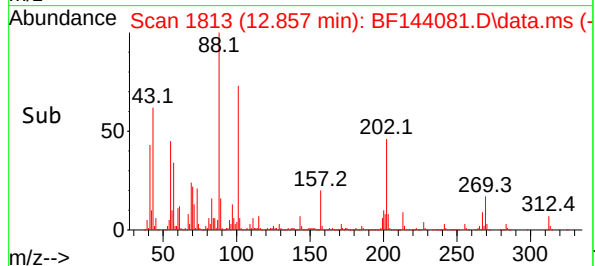
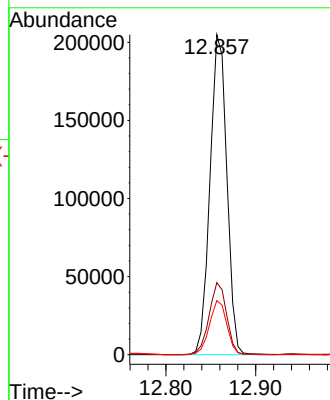
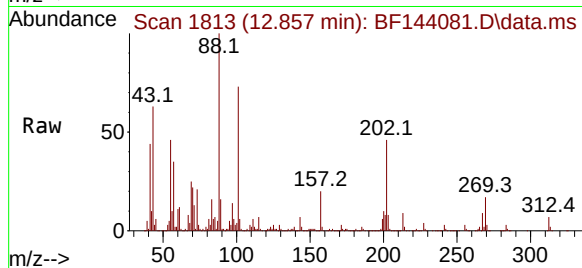
Tgt Ion:202 Resp: 267046

Ion Ratio Lower Upper

202 100

200 22.5 17.2 25.8

203 16.9 13.5 20.3



#79

Terphenyl-d14

Concen: 87.228 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

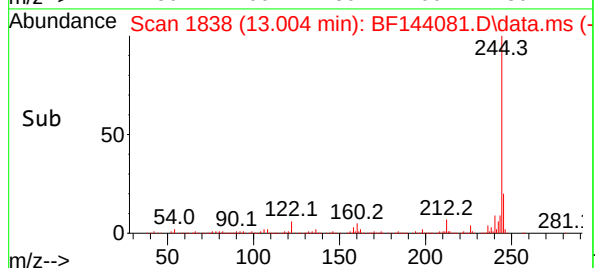
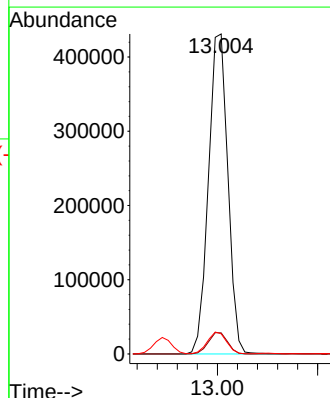
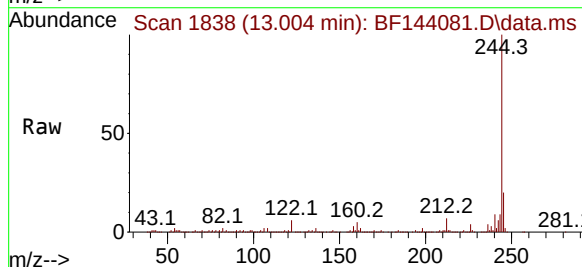
Tgt Ion:244 Resp: 580328

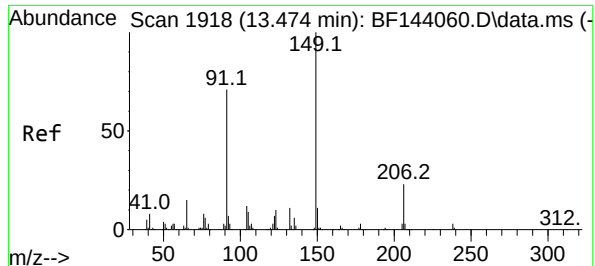
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 6.3 4.9 7.3





#80

Butylbenzylphthalate

Concen: 47.858 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

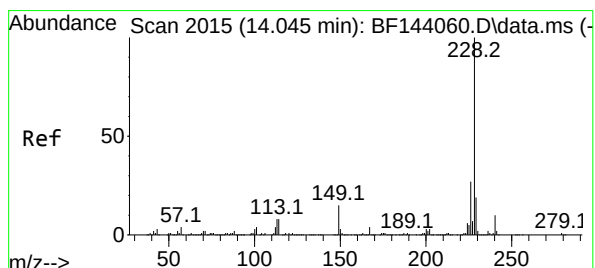
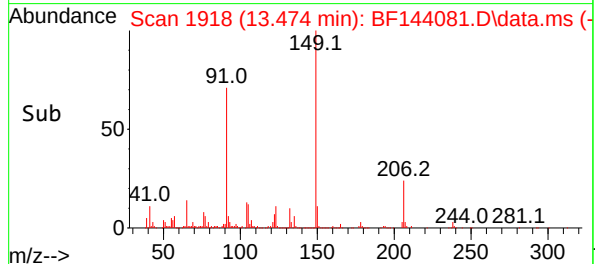
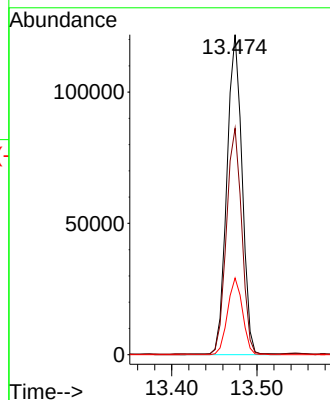
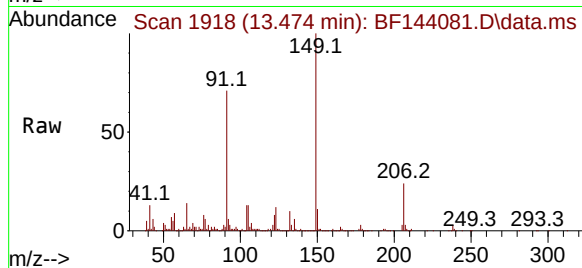
Tgt Ion:149 Resp: 151394

Ion Ratio Lower Upper

149 100

91 70.7 56.6 84.8

206 24.0 18.3 27.5



#81

Benzo(a)anthracene

Concen: 49.619 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

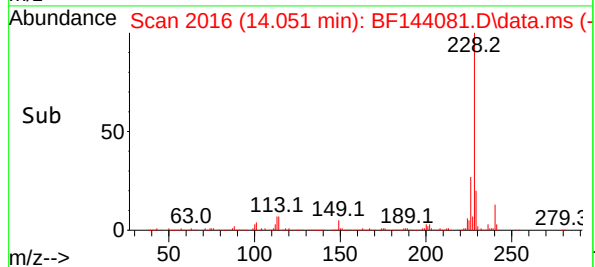
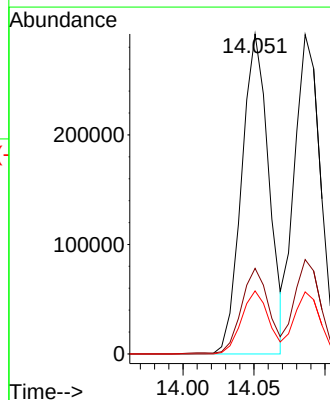
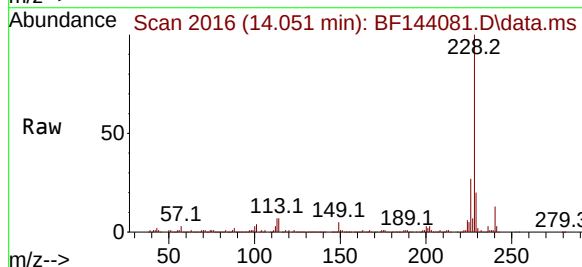
Tgt Ion:228 Resp: 390020

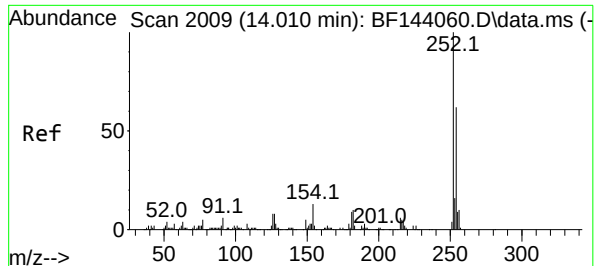
Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

229 19.7 15.3 22.9





#82

3,3'-Dichlorobenzidine

Concen: 29.822 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

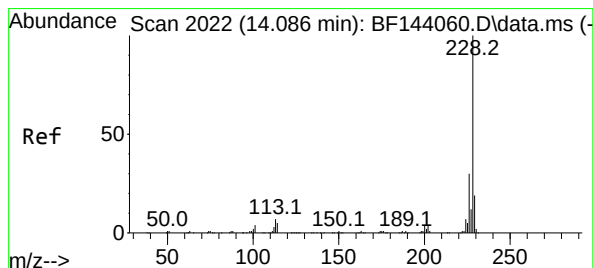
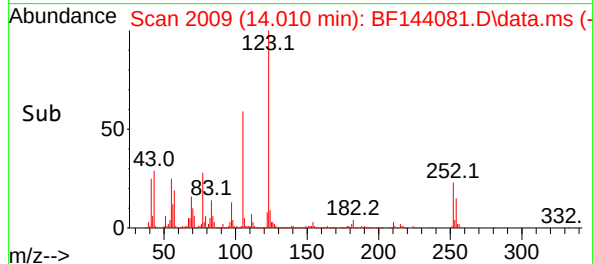
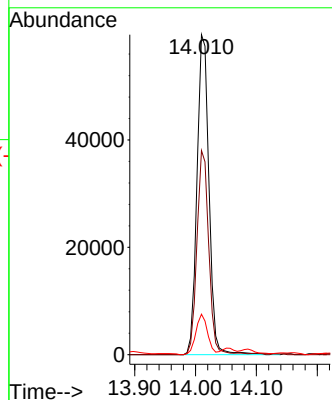
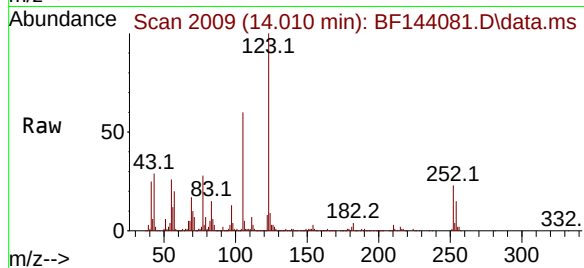
Tgt Ion:252 Resp: 81598

Ion Ratio Lower Upper

252 100

254 63.8 49.9 74.9

126 12.7 6.5 9.7#



#83

Chrysene

Concen: 49.990 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

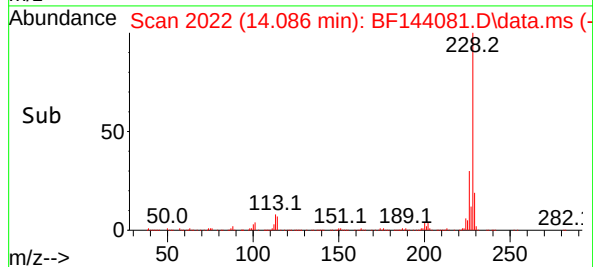
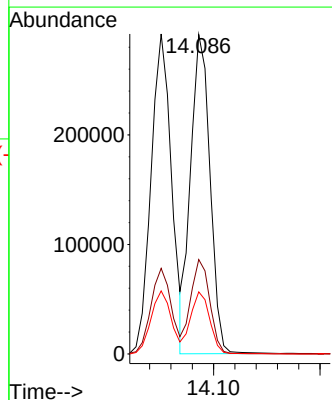
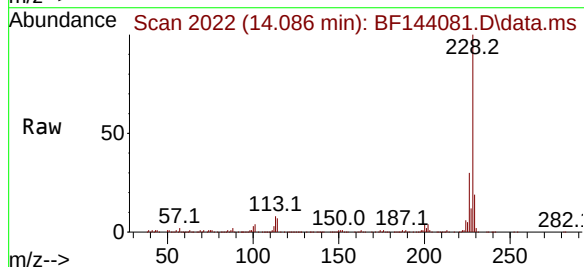
Tgt Ion:228 Resp: 368729

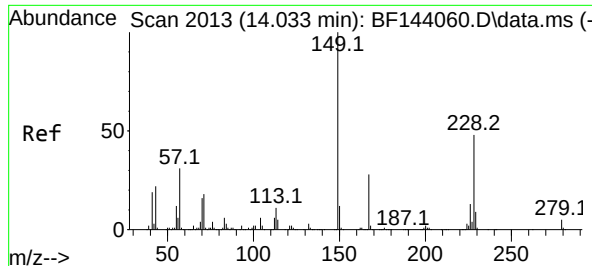
Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.4 15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 50.579 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

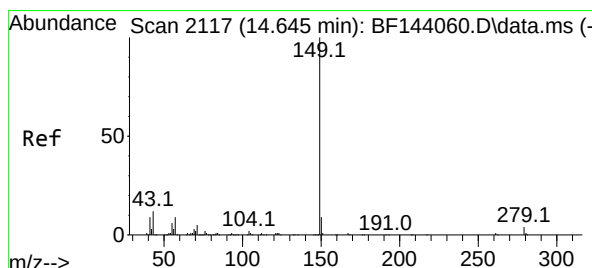
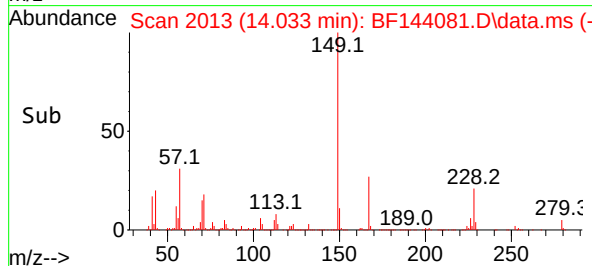
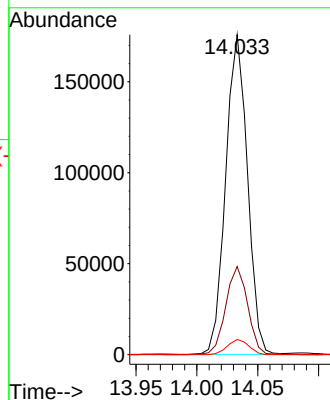
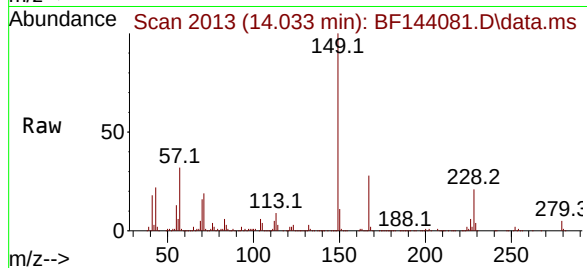
Tgt Ion:149 Resp: 218431

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.7 3.6 5.4



#85

Di-n-octyl phthalate

Concen: 53.864 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

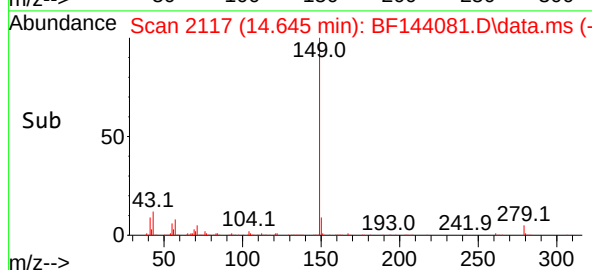
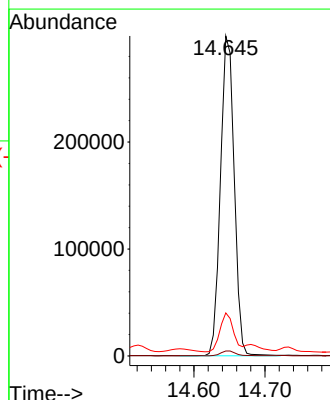
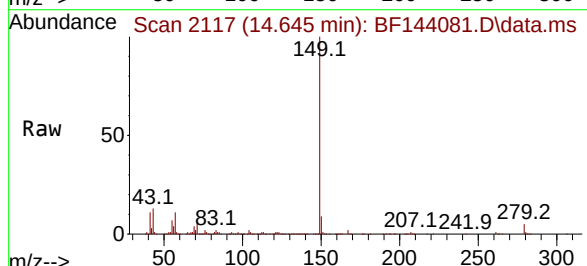
Tgt Ion:149 Resp: 400041

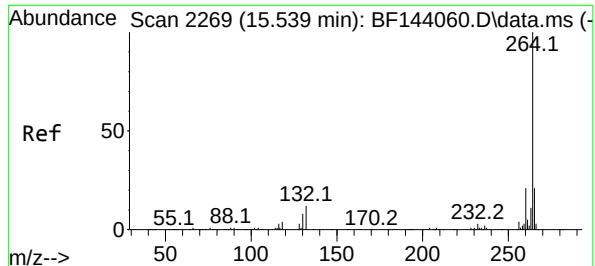
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.0 9.3 13.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144081.D

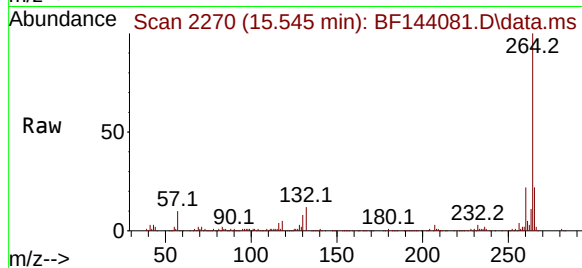
Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD



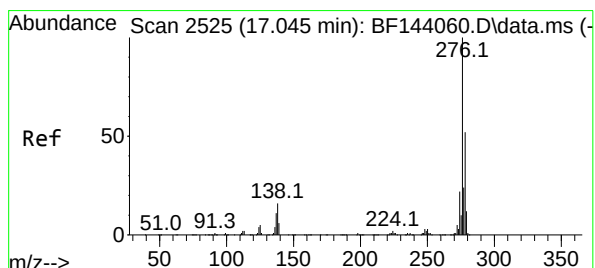
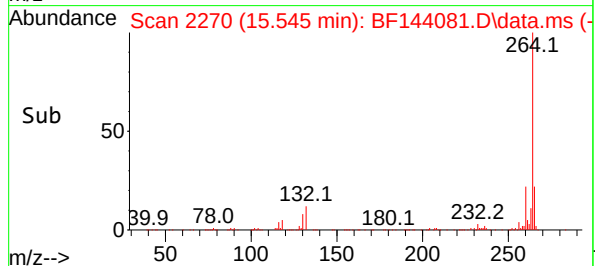
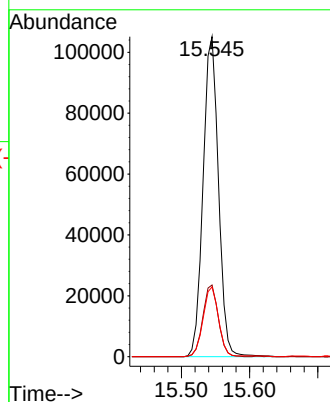
Tgt Ion:264 Resp: 164968

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.4

265 21.8 16.6 24.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.864 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.012 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

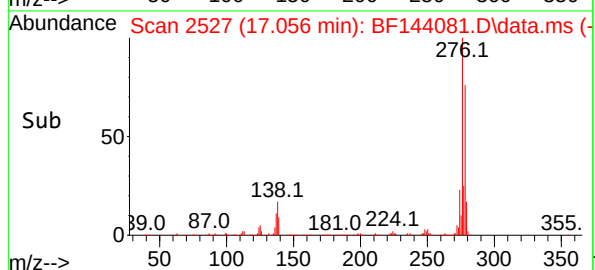
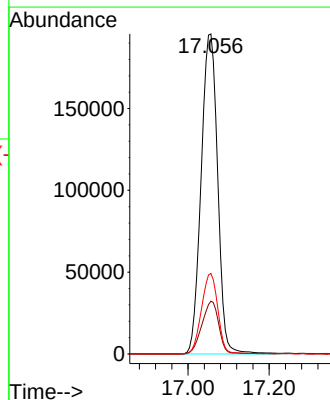
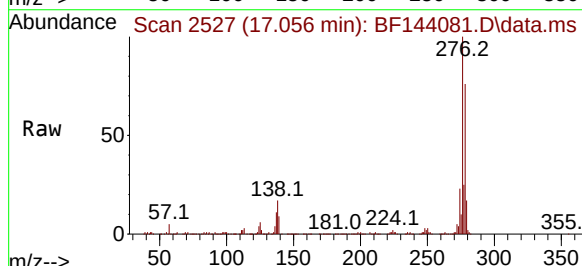
Tgt Ion:276 Resp: 553432

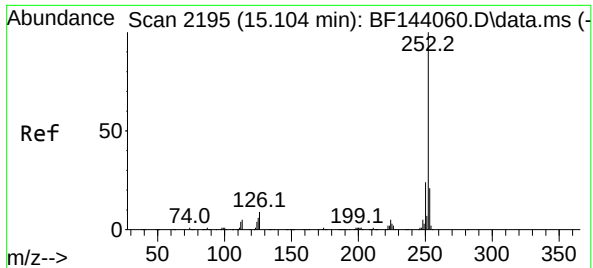
Ion Ratio Lower Upper

276 100

138 16.9 13.0 19.6

277 24.9 19.4 29.0

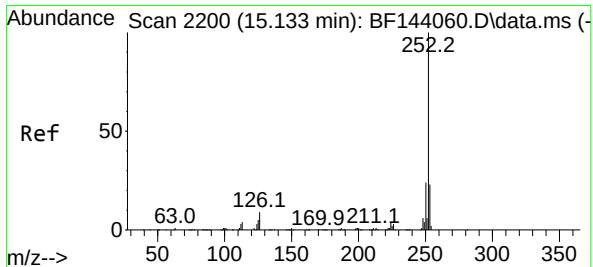
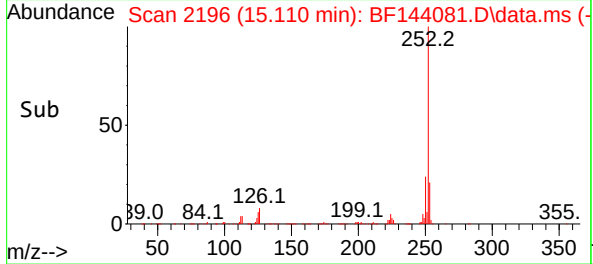
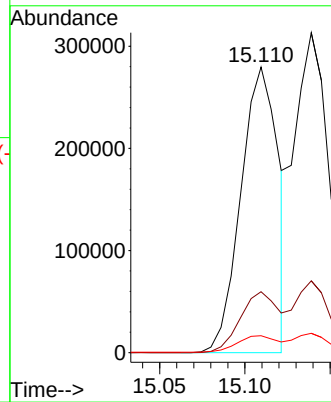
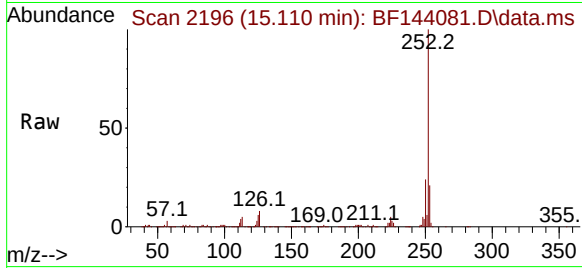




#88
Benzo(b)fluoranthene
Concen: 45.664 ng
RT: 15.110 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

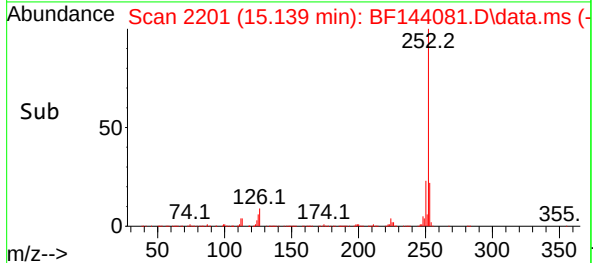
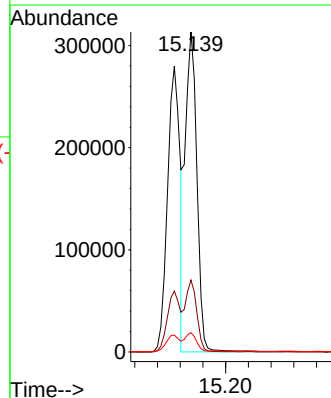
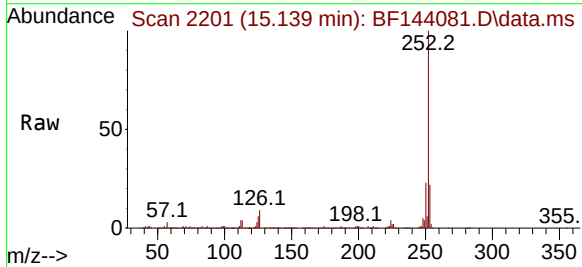
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

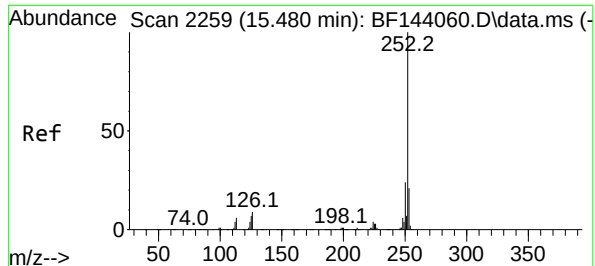
Tgt Ion:252 Resp: 425872
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 5.9 5.0 7.6



#89
Benzo(k)fluoranthene
Concen: 51.557 ng
RT: 15.139 min Scan# 2201
Delta R.T. 0.006 min
Lab File: BF144081.D
Acq: 27 Oct 2025 14:04

Tgt Ion:252 Resp: 443630
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 6.0 4.9 7.3





#90

Benzo(a)pyrene

Concen: 49.709 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

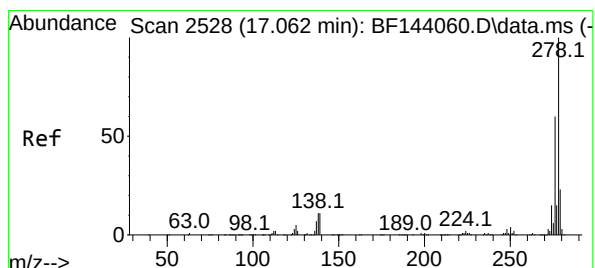
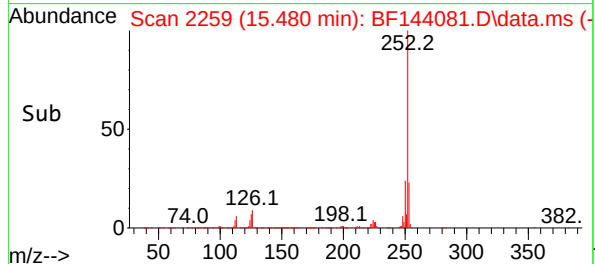
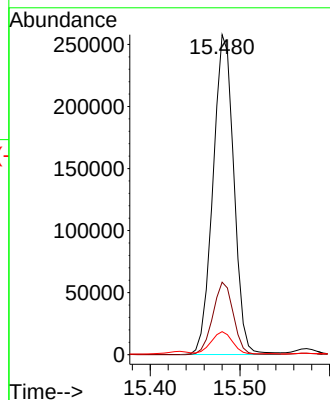
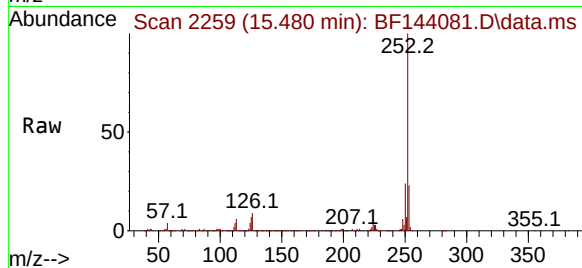
Tgt Ion:252 Resp: 415903

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 7.2 5.4 8.2



#91

Dibenzo(a,h)anthracene

Concen: 50.197 ng

RT: 17.068 min Scan# 2529

Delta R.T. 0.006 min

Lab File: BF144081.D

Acq: 27 Oct 2025 14:04

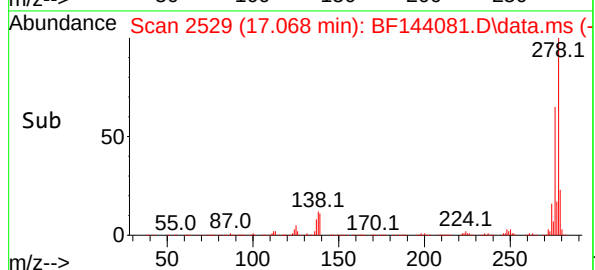
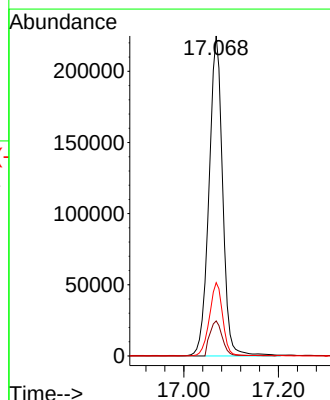
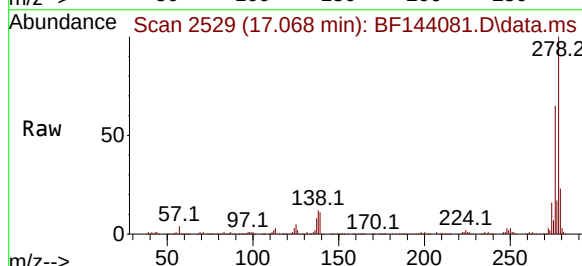
Tgt Ion:278 Resp: 450035

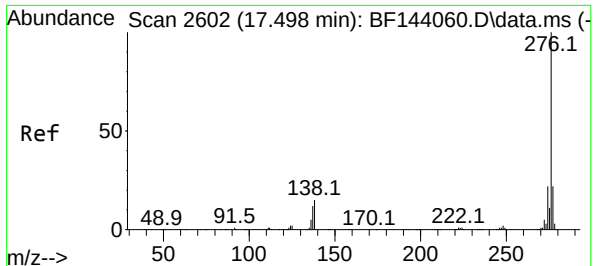
Ion Ratio Lower Upper

278 100

139 11.0 8.5 12.7

279 22.9 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 49.977 ng

RT: 17.509 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF144081.D

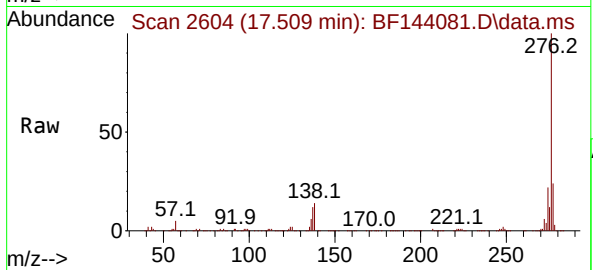
Acq: 27 Oct 2025 14:04

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD



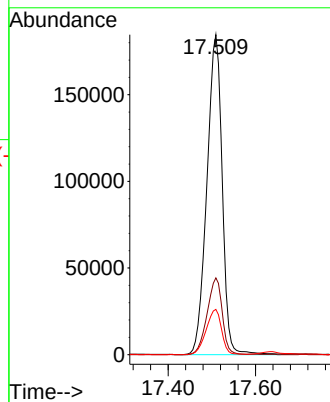
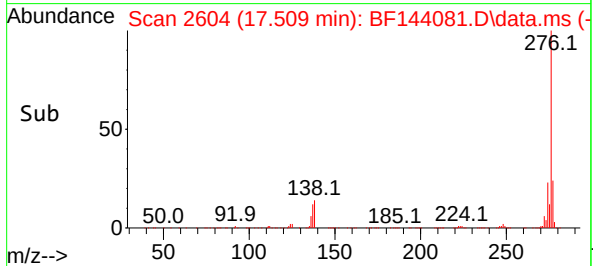
Tgt Ion:276 Resp: 450477

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 14.2 12.0 18.0





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

Manual Integration Report

Sequence:

BF102425

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:	BF102725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170210BS	BF144077.D	Acenaphthene	rahul	10/28/2025 11:49:43 AM	Jagrut	10/28/2025 3:53:14 PM	Peak Integrated by Software
PB170210BS	BF144077.D	Caprolactam	rahul	10/28/2025 11:49:43 AM	Jagrut	10/28/2025 3:53:14 PM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM
SubDirectory	BF102425	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13179,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144055.D	24 Oct 2025 09:45	RC/JU	Ok
2	SSTDICC2.5	BF144056.D	24 Oct 2025 10:13	RC/JU	Ok
3	SSTDICC005	BF144057.D	24 Oct 2025 10:42	RC/JU	Ok
4	SSTDICC010	BF144058.D	24 Oct 2025 11:39	RC/JU	Ok
5	SSTDICC020	BF144059.D	24 Oct 2025 12:36	RC/JU	Ok
6	SSTDICCC040	BF144060.D	24 Oct 2025 13:05	RC/JU	Ok
7	SSTDICC050	BF144061.D	24 Oct 2025 13:34	RC/JU	Ok
8	SSTDICC060	BF144062.D	24 Oct 2025 14:03	RC/JU	Not Ok
9	SSTDICC080	BF144063.D	24 Oct 2025 14:32	RC/JU	Ok
10	SSTDICC060	BF144064.D	24 Oct 2025 16:24	RC/JU	Ok
11	SSTDICV040	BF144065.D	24 Oct 2025 17:22	RC/JU	Ok
12	PB170222BL	BF144066.D	24 Oct 2025 17:51	RC/JU	Ok
13	Q3431-01	BF144067.D	24 Oct 2025 18:20	RC/JU	Ok,M
14	Q3431-01DL	BF144068.D	24 Oct 2025 18:48	RC/JU	Not Ok
15	Q3405-01	BF144069.D	24 Oct 2025 19:17	RC/JU	Ok
16	Q3406-01	BF144070.D	24 Oct 2025 19:46	RC/JU	Ok
17	Q3412-01	BF144071.D	24 Oct 2025 20:15	RC/JU	Dilution
18	Q3445-01	BF144072.D	24 Oct 2025 20:44	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM
SubDirectory	BF102725	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144073.D	27 Oct 2025 09:29	RC/JU	Ok
2	SSTDCCC040	BF144074.D	27 Oct 2025 10:27	RC/JU	Ok
3	PB170206BL	BF144075.D	27 Oct 2025 10:57	RC/JU	Ok
4	PB170206BS	BF144076.D	27 Oct 2025 11:27	RC/JU	Ok,M
5	PB170210BS	BF144077.D	27 Oct 2025 11:56	RC/JU	Ok,M
6	PB170210BL	BF144078.D	27 Oct 2025 12:26	RC/JU	Ok
7	Q3385-04	BF144079.D	27 Oct 2025 13:04	RC/JU	Ok
8	Q3385-05MS	BF144080.D	27 Oct 2025 13:34	RC/JU	Ok
9	Q3385-06MSD	BF144081.D	27 Oct 2025 14:04	RC/JU	Ok
10	Q3404-01	BF144082.D	27 Oct 2025 14:34	RC/JU	Ok,M
11	Q3412-04	BF144083.D	27 Oct 2025 15:03	RC/JU	Ok
12	Q3449-06	BF144084.D	27 Oct 2025 15:33	RC/JU	Ok
13	Q3416-01	BF144085.D	27 Oct 2025 16:03	RC/JU	Ok,M
14	Q3395-02	BF144086.D	27 Oct 2025 16:33	RC/JU	Ok
15	Q3395-03MS	BF144087.D	27 Oct 2025 17:03	RC/JU	Ok,M
16	Q3395-03MSD	BF144088.D	27 Oct 2025 17:33	RC/JU	Ok,M
17	Q3412-01DL	BF144089.D	27 Oct 2025 18:03	RC/JU	Ok,M
18	Q3447-03	BF144090.D	27 Oct 2025 18:32	RC/JU	Ok
19	Q3447-05	BF144091.D	27 Oct 2025 19:02	RC/JU	Ok
20	Q3449-01	BF144092.D	27 Oct 2025 19:32	RC/JU	Ok,M
21	Q3440-01	BF144093.D	27 Oct 2025 20:02	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM
SubDirectory	BF102725	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3447-01	BF144094.D	27 Oct 2025 20:32	RC/JU	Dilution
23	Q3447-07	BF144095.D	27 Oct 2025 21:02	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM
SubDirectory	BF102425	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144055.D	24 Oct 2025 09:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144056.D	24 Oct 2025 10:13		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144057.D	24 Oct 2025 10:42		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF144058.D	24 Oct 2025 11:39		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144059.D	24 Oct 2025 12:36		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144060.D	24 Oct 2025 13:05		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144061.D	24 Oct 2025 13:34		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144062.D	24 Oct 2025 14:03	Not Used	RC/JU	Not Ok
9	SSTDICC080	SSTDICC080	BF144063.D	24 Oct 2025 14:32		RC/JU	Ok
10	SSTDICC060	SSTDICC060	BF144064.D	24 Oct 2025 16:24		RC/JU	Ok
11	SSTDICV040	ICVBF102425	BF144065.D	24 Oct 2025 17:22		RC/JU	Ok
12	PB170222BL	PB170222BL	BF144066.D	24 Oct 2025 17:51		RC/JU	Ok
13	Q3431-01	EO-02-10222025	BF144067.D	24 Oct 2025 18:20		RC/JU	Ok,M
14	Q3431-01DL	EO-02-10222025DL	BF144068.D	24 Oct 2025 18:48	Not Required	RC/JU	Not Ok
15	Q3405-01	PAD-10-20-25-A	BF144069.D	24 Oct 2025 19:17		RC/JU	Ok
16	Q3406-01	ARS20-0037	BF144070.D	24 Oct 2025 19:46		RC/JU	Ok
17	Q3412-01	TP-6	BF144071.D	24 Oct 2025 20:15	Need 5X Dilution	RC/JU	Dilution
18	Q3445-01	EO-01-102325	BF144072.D	24 Oct 2025 20:44		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM		
SubDirectory	BF102425	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13179,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM
SubDirectory	BF102725	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144073.D	27 Oct 2025 09:29		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144074.D	27 Oct 2025 10:27		RC/JU	Ok
3	PB170206BL	PB170206BL	BF144075.D	27 Oct 2025 10:57		RC/JU	Ok
4	PB170206BS	PB170206BS	BF144076.D	27 Oct 2025 11:27		RC/JU	Ok,M
5	PB170210BS	PB170210BS	BF144077.D	27 Oct 2025 11:56		RC/JU	Ok,M
6	PB170210BL	PB170210BL	BF144078.D	27 Oct 2025 12:26		RC/JU	Ok
7	Q3385-04	EFF-WW	BF144079.D	27 Oct 2025 13:04	Surrogates Failed. - Confirmed by MS / MSD.	RC/JU	Ok
8	Q3385-05MS	EFF-WWMS	BF144080.D	27 Oct 2025 13:34	Surrogates Failed.	RC/JU	Ok
9	Q3385-06MSD	EFF-WWMSD	BF144081.D	27 Oct 2025 14:04	Surrogates Failed.	RC/JU	Ok
10	Q3404-01	MOO-25-0285-0288	BF144082.D	27 Oct 2025 14:34		RC/JU	Ok,M
11	Q3412-04	TP-6	BF144083.D	27 Oct 2025 15:03		RC/JU	Ok
12	Q3449-06	CF-620-COMP-41	BF144084.D	27 Oct 2025 15:33		RC/JU	Ok
13	Q3416-01	NB-08-10212025	BF144085.D	27 Oct 2025 16:03		RC/JU	Ok,M
14	Q3395-02	PR132-S07-000102-22	BF144086.D	27 Oct 2025 16:33		RC/JU	Ok
15	Q3395-03MS	PR132-S07-000102-22	BF144087.D	27 Oct 2025 17:03		RC/JU	Ok,M
16	Q3395-03MSD	PR132-S07-000102-22	BF144088.D	27 Oct 2025 17:33		RC/JU	Ok,M
17	Q3412-01DL	TP-6DL	BF144089.D	27 Oct 2025 18:03		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM		
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM		
SubDirectory	BF102725	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13180,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q3447-03	P001-TW2-251023-01	BF144090.D	27 Oct 2025 18:32		RC/JU	Ok
19	Q3447-05	P001-TW3-251023-01	BF144091.D	27 Oct 2025 19:02		RC/JU	Ok
20	Q3449-01	CF-620-COMP-41	BF144092.D	27 Oct 2025 19:32		RC/JU	Ok,M
21	Q3440-01	JB-2	BF144093.D	27 Oct 2025 20:02		RC/JU	Ok,M
22	Q3447-01	P001-TW1-251023-01	BF144094.D	27 Oct 2025 20:32	Need further 2X Dilution	RC/JU	Dilution
23	Q3447-07	P001-TW4-251023-01	BF144095.D	27 Oct 2025 21:02		RC/JU	Ok,M

M : Manual Integration

SOP ID:	M625.1-BNA-21		
Clean Up SOP #:	N/A	Extraction Start Date :	10/22/2025
Matrix :	Water	Extraction Start Time :	09:20
Welgh By:	N/A	Extraction By:	RS
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	pH Meter ID:	N/A
pH Strip Lot#:	E3953	Hood ID:	4,6,7
Extraction Method:	☒ Separatory Funnel	☐ Continious Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☐ Soxhlet
		Extraction End Date :	10/22/2025
		Extraction End Time :	14:15
		Concentration By:	EH
		Supervisor By :	RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
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	E3980
Baked Na2SO4	N/A	EP2652
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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 with10N NaOH.

KD Bath ID:	Water bath -01	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25	RS (Ext Lab)	Rdswoc
14:20	Preparation Group	Analysis Group

Analytical Method: M625.1-BNA-21

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	g / <u>ml</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170210BL	SBLK210	SVOCMS Group1	1000	6	RUPESH	Evelyn	1			SEP-1
PB170210BS	SLCS210	SVOCMS Group1	1000	6	RUPESH	Evelyn	1			2
Q3385-04	EFF-WW	SVOCMS Group1	1000	6	RUPESH	Evelyn	1	D		3
Q3385-05	Q3385-04MS	SVOCMS Group1	990	6	RUPESH	Evelyn	1	B		4
Q3385-06	Q3385-04MSD	SVOCMS Group1	970	6	RUPESH	Evelyn	1	B		5

RS
10/22

172810
4:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3385 WorkList ID : 192618 Department : Extraction Date : 10-22-2025 09:13:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3385-04	EFF-WW	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D41	10/17/2025	625.1
Q3385-05	Q3385-04MS	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D41	10/17/2025	625.1
Q3385-06	Q3385-04MSD	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D41	10/17/2025	625.1

Date/Time 10/22/25 9:15
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: RS (Ext-Lab)

Date/Time 10/22/25 9:50
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: RS (Ext-Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ARDMORE INC
ADDRESS: 29 Riverside Ave Bk 14
CITY NEWARK STATE: NJ ZIP: 07104
ATTENTION: Michael Sharphouse
PHONE: 973 481 2406 FAX:

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
SVOC
BOD/TOSS
METALS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	EFF WASTE WATER			X	10/17	12:00pm		X	X								
2.	EFF WASTE WATER		X		10/17	12:06pm				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:	DATE/TIME: <u>12:00pm</u>	RECEIVED BY: <u>1400</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.9</u> °C
1. <u>Albert Sharphouse</u>	<u>10/17/25</u>	<u>[Signature]</u>	Comments: <u>METALS</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	<u>LEAD ZINC</u>
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		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 : Q3385 ARDM01

Order Date : 10/17/2025 2:02:00 PM

Project Mgr :

Client Name : Ardmore Chemical

Project Name : PVSC Monthly 2025

Report Type : Level 1

Client Contact : Michael Sharphouse

Receive DateTime : 10/17/2025 2:00:00 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
Q3385-01	EFF-WW	Water	10/17/2025	12:00	VOC-PP		624.1		10 Bus. Days
Q3385-02	Q3385-01MS	Water	10/17/2025	12:00	VOC-PP		624.1		10 Bus. Days
Q3385-03	Q3385-01MSD	Water	10/17/2025	12:00	VOC-PP		624.1		10 Bus. Days

Relinquished By :

Date / Time : 10/17/25 14:40

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room