

Cover Page

Order ID : P5291

Project ID : Con Edison Non-MGP - Atlantic Avenue

Client : PARSONS Main of New York, Inc.

Lab Sample Number

P5291-01
P5291-02
P5291-03
P5291-04
P5291-05
P5291-06
P5291-07
P5291-08
P5291-09
P5291-10
P5291-11
P5291-12
P5291-13

Client Sample Number

MW1A-20241213
MW10D-20241213
MW4-20241213
MW5-20241213
MW2-20241213
MW3-20241213
MW6-20241213
P5291-07MS
P5291-07MSD
MW6-20241213-A
EQUIP-BLANK-20241213
TB-20241216
WC-20241213

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/27/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5291

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/27/2024

LAB CHRONICLE

OrderID:	P5291	OrderDate:	12/16/2024 10:45:00 AM
Client:	PARSONS Main of New York, Inc.	Project:	Con Edison Non-MGP - Atlantic Avenue
Contact:	Stephen Liberatore	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5291-13	WC-20241213	TCLP	TCLP BNA	8270E	12/13/24	12/18/24	12/19/24	12/16/24



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P5291
Client: PARSONS Main of New York, Inc.

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.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P5291-13	WC-20241213	2-Fluorophenol	150	137	91		10	139
		Phenol-d6	150	130	87		10	134
		Nitrobenzene-d5	100	112	112		49	133
		2-Fluorobiphenyl	100	111	111		52	132
		2,4,6-Tribromophenol	150	156	104		44	137
		Terphenyl-d14	100	113	113		48	125
P5291-13MS	WC-20241213MS	2-Fluorophenol	150	144	96		10	139
		Phenol-d6	150	131	87		10	134
		Nitrobenzene-d5	100	103	103		49	133
		2-Fluorobiphenyl	100	103	103		52	132
		2,4,6-Tribromophenol	150	136	91		44	137
		Terphenyl-d14	100	108	108		48	125
P5291-13MSD	WC-20241213MSD	2-Fluorophenol	150	179	120		10	139
		Phenol-d6	150	135	90		10	134
		Nitrobenzene-d5	100	109	109		49	133
		2-Fluorobiphenyl	100	101	101		52	132
		2,4,6-Tribromophenol	150	142	95		44	137
		Terphenyl-d14	100	105	105		48	125
PB165680TB	PB165680TB	2-Fluorophenol	150	159	106		10	139
		Phenol-d6	150	152	101		10	134
		Nitrobenzene-d5	100	92.3	92		49	133
		2-Fluorobiphenyl	100	100	100		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	91.7	92		48	125
PB165719BL	PB165719BL	2-Fluorophenol	150	157	105		10	139
		Phenol-d6	150	153	102		10	134
		Nitrobenzene-d5	100	107	107		49	133
		2-Fluorobiphenyl	100	100	100		52	132
		2,4,6-Tribromophenol	150	147	98		44	137
		Terphenyl-d14	100	103	103		48	125
PB165719BS	PB165719BS	2-Fluorophenol	150	144	96		10	139
		Phenol-d6	150	141	94		10	134
		Nitrobenzene-d5	100	95.4	95		49	133
		2-Fluorobiphenyl	100	99.5	99		52	132
		2,4,6-Tribromophenol	150	149	99		44	137
		Terphenyl-d14	100	102	102		48	125

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5291-13MS		Client Sample ID: WC-20241213MS		DataFile: BF140926.D							
Pyridine	500	0	300	ug/L	60				10	109	
1,4-Dichlorobenzene	500	0	510	ug/L	102				55	125	
2-Methylphenol	500	0	510	ug/L	102				37	126	
3+4-Methylphenols	500	0	520	ug/L	104				31	127	
Hexachloroethane	500	0	550	ug/L	110				49	110	
Nitrobenzene	500	0	500	ug/L	100				62	112	
Hexachlorobutadiene	500	0	500	ug/L	100				52	125	
2,4,6-Trichlorophenol	500	0	520	ug/L	104				78	112	
2,4,5-Trichlorophenol	500	0	490	ug/L	98				71	111	
2,4-Dinitrotoluene	500	0	480	ug/L	96				50	142	
Hexachlorobenzene	500	0	600	ug/L	120	*			72	115	
Pentachlorophenol	1000	0	890	ug/L	89				25	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5291-13MSD	Client Sample ID:	WC-20241213MSD					DataFile:	BF140927.D		
Pyridine	500	0	290	ug/L	58		3		10	109	20
1,4-Dichlorobenzene	500	0	540	ug/L	108		6		55	125	20
2-Methylphenol	500	0	530	ug/L	106		4		37	126	20
3+4-Methylphenols	500	0	530	ug/L	106		2		31	127	20
Hexachloroethane	500	0	540	ug/L	108		2		49	110	20
Nitrobenzene	500	0	520	ug/L	104		4		62	112	20
Hexachlorobutadiene	500	0	540	ug/L	108		8		52	125	20
2,4,6-Trichlorophenol	500	0	500	ug/L	100		4		78	112	20
2,4,5-Trichlorophenol	500	0	470	ug/L	94		4		71	111	20
2,4-Dinitrotoluene	500	0	510	ug/L	102		6		50	142	20
Hexachlorobenzene	500	0	600	ug/L	120	*	0		72	115	20
Pentachlorophenol	1000	0	940	ug/L	94		5		25	139	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5291

Client: PARSONS Main of New York, Inc.

Analytical Method: 8270E DataFile: BF140920.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165719BS	Pyridine	50	45.2	ug/L	90				29	97	
	1,4-Dichlorobenzene	50	49.2	ug/L	98				76	103	
	2-Methylphenol	50	45.7	ug/L	91				69	109	
	3+4-Methylphenols	50	47.0	ug/L	94				67	106	
	Hexachloroethane	50	43.4	ug/L	87				76	118	
	Nitrobenzene	50	46.0	ug/L	92				58	106	
	Hexachlorobutadiene	50	47.1	ug/L	94				69	101	
	2,4,6-Trichlorophenol	50	50.4	ug/L	101				61	110	
	2,4,5-Trichlorophenol	50	48.5	ug/L	97				70	106	
	2,4-Dinitrotoluene	50	49.4	ug/L	99				60	115	
	Hexachlorobenzene	50	53.6	ug/L	107		*		73	106	
	Pentachlorophenol	100	95.1	ug/L	95				47	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165719BL

Lab Name: CHEMTECH

Contract: PARS02

Lab Code: CHEM Case No.: P5291

SAS No.: P5291 SDG NO.: P5291

Lab File ID: BF140919.D

Lab Sample ID: PB165719BL

Instrument ID: BNA_F

Date Extracted: 12/18/2024

Matrix: (soil/water) water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 12:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165719BS	PB165719BS	BF140920.D	12/19/2024
PB165680TB	PB165680TB	BF140921.D	12/19/2024
WC-20241213MSD	P5291-13MSD	BF140927.D	12/19/2024
WC-20241213	P5291-13	BF140923.D	12/19/2024
WC-20241213MS	P5291-13MS	BF140926.D	12/19/2024

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5291 SDG NO.: P5291Lab File ID: BF140854.DDFTPP Injection Date: 12/16/2024Instrument ID: BNA_FDFTPP Injection Time: 11:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.6
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	28.9
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.9 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF140855.D	12/16/2024	12:13
SSTDICC005	SSTDICC005	BF140856.D	12/16/2024	12:39
SSTDICC010	SSTDICC010	BF140857.D	12/16/2024	13:05
SSTDICC020	SSTDICC020	BF140858.D	12/16/2024	14:00
SSTDICCC040	SSTDICCC040	BF140859.D	12/16/2024	14:26
SSTDICC050	SSTDICC050	BF140860.D	12/16/2024	15:23
SSTDICC060	SSTDICC060	BF140861.D	12/16/2024	15:49
SSTDICC080	SSTDICC080	BF140862.D	12/16/2024	16:15



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: PARS02Lab Code: CHEMSAS No.: P5291 SDG NO.: P5291Lab File ID: BF140917.DDFTPP Injection Date: 12/19/2024Instrument ID: BNA_FDFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.1
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	35.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	83
443	15.0 - 24.0% of mass 442	15.7 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140918.D	12/19/2024	11:38
PB165719BL	PB165719BL	BF140919.D	12/19/2024	12:04
PB165719BS	PB165719BS	BF140920.D	12/19/2024	12:30
PB165680TB	PB165680TB	BF140921.D	12/19/2024	12:56
WC-20241213	P5291-13	BF140923.D	12/19/2024	13:55
WC-20241213MS	P5291-13MS	BF140926.D	12/19/2024	15:13
WC-20241213MSD	P5291-13MSD	BF140927.D	12/19/2024	15:39

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/19/2024

Lab File ID: BF140918.D Time Analyzed: 11:38

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	84249	6.851	305577	8.13	170469	9.89
UPPER LIMIT	168498	7.351	611154	8.628	340938	10.386
LOWER LIMIT	42124.5	6.351	152789	7.628	85234.5	9.386
EPA SAMPLE NO.						
01 PB165719BL	69607	6.85	253415	8.13	149553	9.88
02 PB165719BS	74320	6.85	267213	8.13	145295	9.89
03 PB165680TB	70295	6.85	274815	8.13	153483	9.88
04 WC-20241213	61223	6.85	208045	8.13	120608	9.88
05 WC-20241213MS	53334	6.85	219250	8.13	121709	9.89
06 WC-20241213MSD	51170	6.85	191371	8.13	116350	9.89

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: CHEMTECH

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG NO.: P5291

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/19/2024

Lab File ID: BF140918.D Time Analyzed: 11:38

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	341650	11.38	232895	14.033	172998	15.515
UPPER LIMIT	683300	11.88	465790	14.533	345996	16.015
LOWER LIMIT	170825	10.88	116448	13.533	86499	15.015
EPA SAMPLE NO.						
01 PB165719BL	307565	11.38	207734	14.03	165067	15.53
02 PB165719BS	276523	11.38	202160	14.04	153304	15.54
03 PB165680TB	302044	11.37	232015	14.03	162327	15.55
04 WC-20241213	226789	11.37	146502	14.03	54946 *	15.53
05 WC-20241213MS	198273	11.38	126402	14.03	92913	15.53
06 WC-20241213MSD	183633	11.37	122848	14.03	89792	15.54

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:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	WC-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-13	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140923.D	1	12/18/24 10:00	12/19/24 13:55	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	UQ	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	137		10 - 139	91%	SPK: 150
13127-88-3	Phenol-d6	130		10 - 134	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	112		49 - 133	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	111		52 - 132	111%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		44 - 137	104%	SPK: 150
1718-51-0	Terphenyl-d14	113		48 - 125	113%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	61200	6.851			
1146-65-2	Naphthalene-d8	208000	8.128			
15067-26-2	Acenaphthene-d10	121000	9.88			
1517-22-2	Phenanthrene-d10	227000	11.374			
1719-03-5	Chrysene-d12	147000	14.027			
1520-96-3	Perylene-d12	54900	15.533			

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	WC-20241213	SDG No.:	P5291
Lab Sample ID:	P5291-13	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140923.D	1	12/18/24 10:00	12/19/24 13:55	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF121924\
Data File : BF140923.D
Acq On : 19 Dec 2024 13:55
Operator : RC/JU
Sample : P5291-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20241213

Quant Time: Dec 19 14:22:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

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

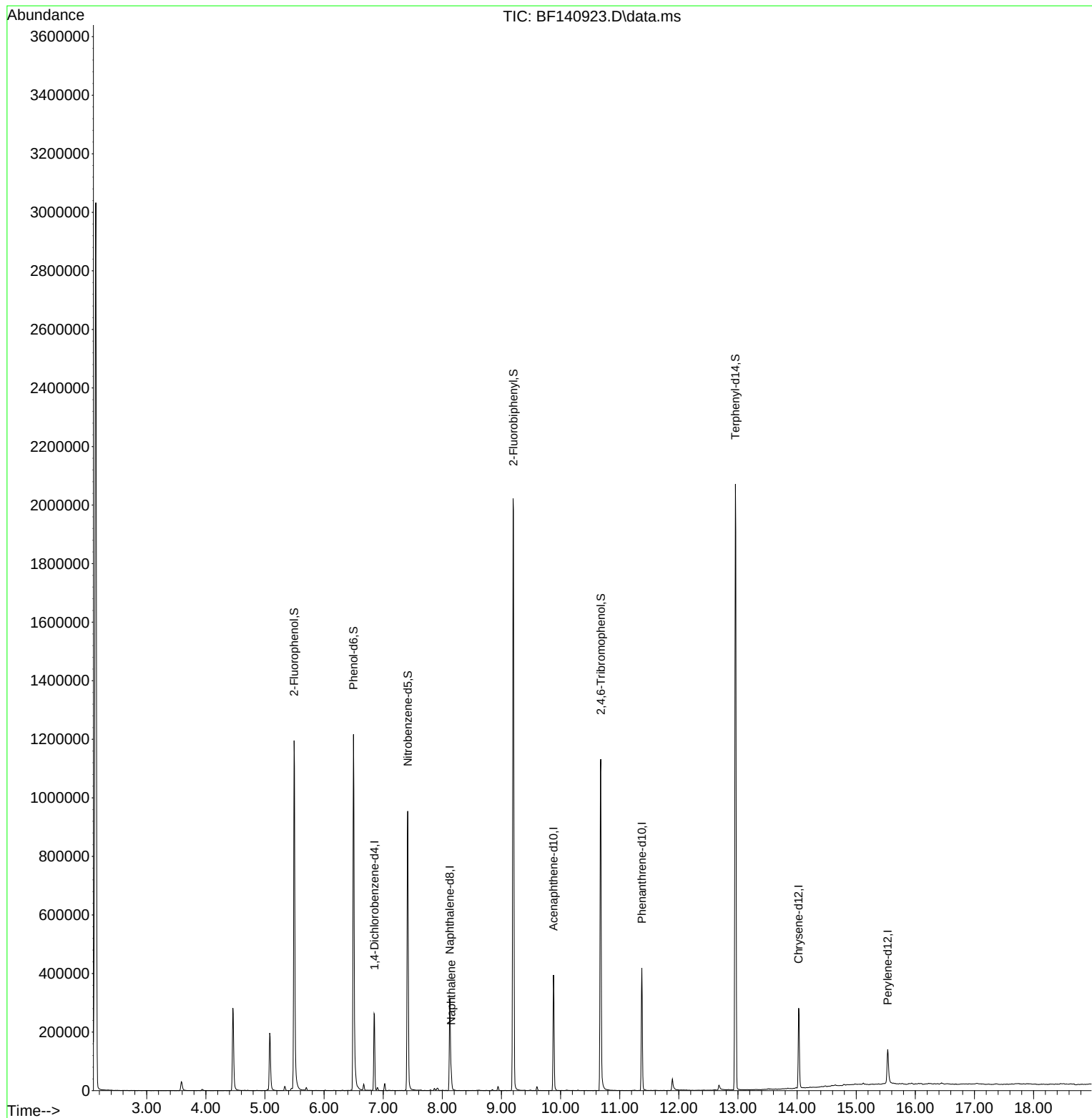
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	61223	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	208045	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	120608	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	226789	20.000	ng	0.00
76) Chrysene-d12	14.027	240	146502	20.000	ng	0.00
86) Perylene-d12	15.533	264	54946	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509088	136.885	ng	0.00
7) Phenol-d6	6.498	99	642105	130.351	ng	0.00
23) Nitrobenzene-d5	7.416	82	464541	111.714	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	222546	156.014	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	971262	110.717	ng	0.00
79) Terphenyl-d14	12.957	244	1053711	113.416	ng	0.00
Target Compounds						
31) Naphthalene	8.151	128	40824	3.572	ng	Qvalue 98

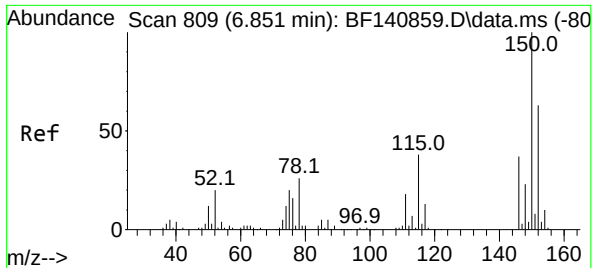
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140923.D
Acq On : 19 Dec 2024 13:55
Operator : RC/JU
Sample : P5291-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20241213

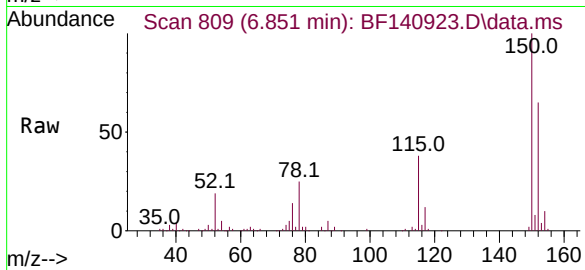
Quant Time: Dec 19 14:22:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



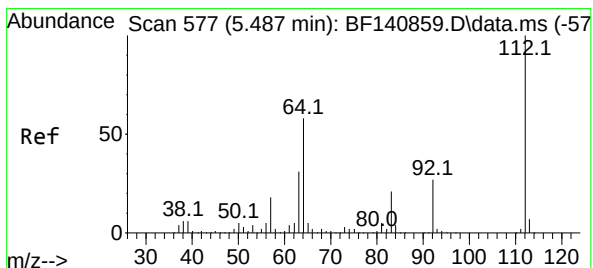
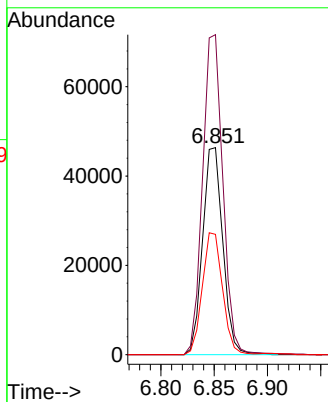
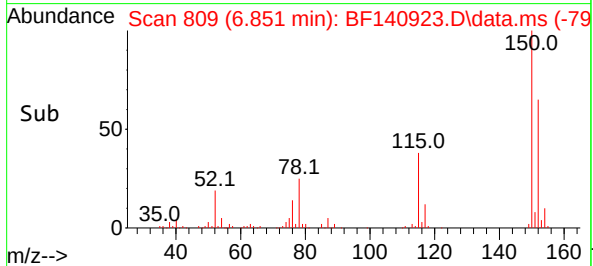


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Instrument :
BNA_F
ClientSampleId :
WC-20241213

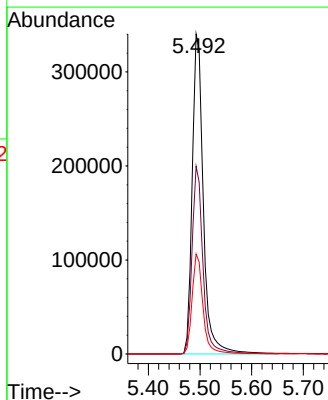
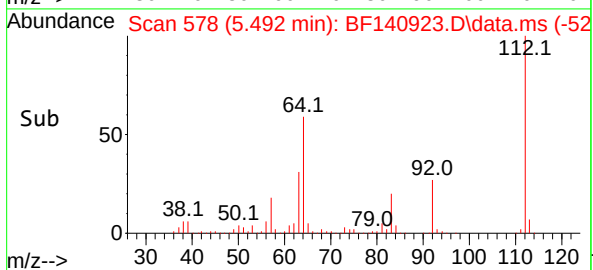
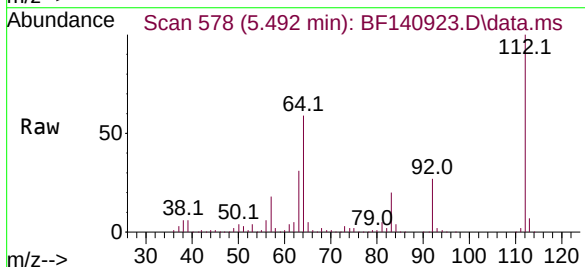


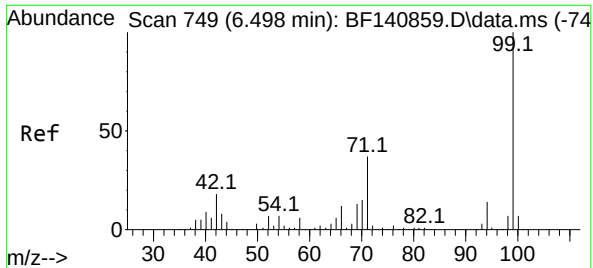
Tgt Ion:152 Resp: 61223
Ion Ratio Lower Upper
152 100
150 154.6 127.9 191.9
115 58.1 48.0 72.0



#5
2-Fluorophenol
Concen: 136.885 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140923.D
Acq: 19 Dec 2024 13:55

Tgt Ion:112 Resp: 509088
Ion Ratio Lower Upper
112 100
64 58.7 46.1 69.1
63 31.3 24.9 37.3





#7

Phenol-d6

Concen: 130.351 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

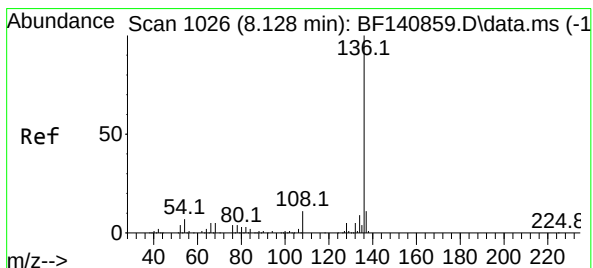
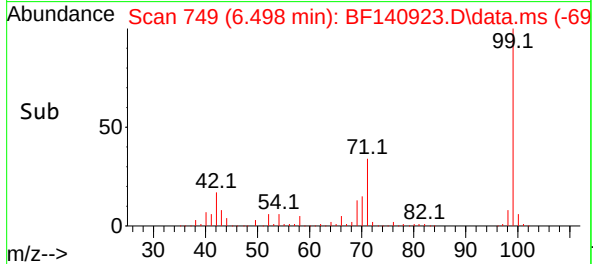
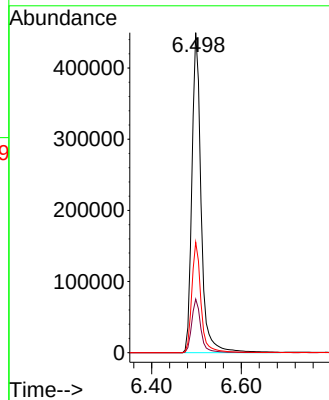
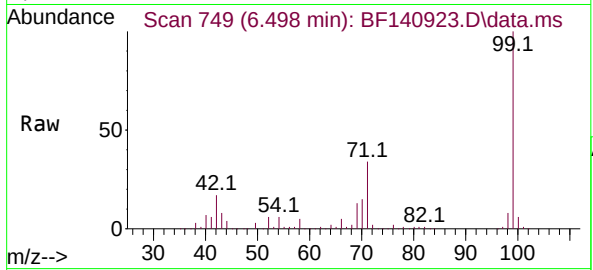
Tgt Ion: 99 Resp: 642105

Ion Ratio Lower Upper

99 100

42 16.8 14.3 21.5

71 34.5 29.9 44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Tgt Ion: 136 Resp: 208045

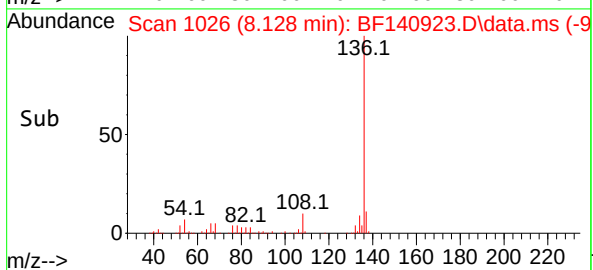
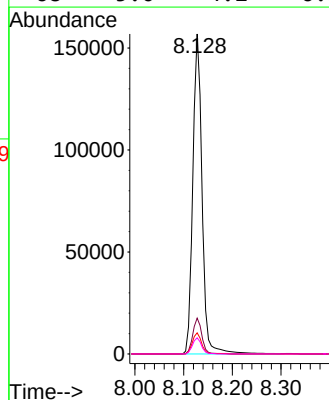
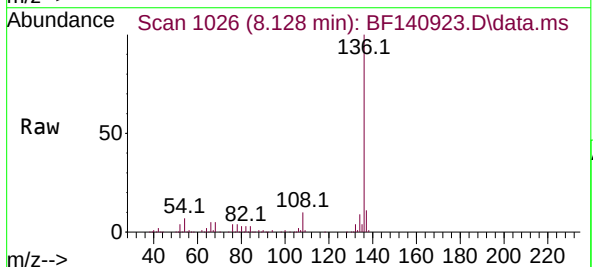
Ion Ratio Lower Upper

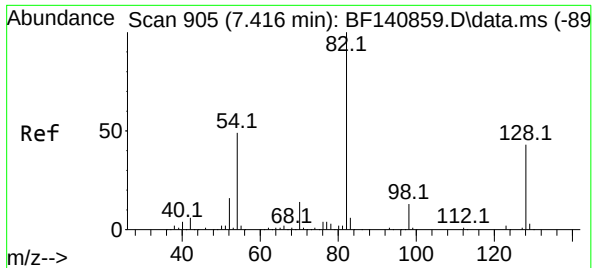
136 100

137 11.2 9.0 13.4

54 6.6 5.6 8.4

68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 111.714 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

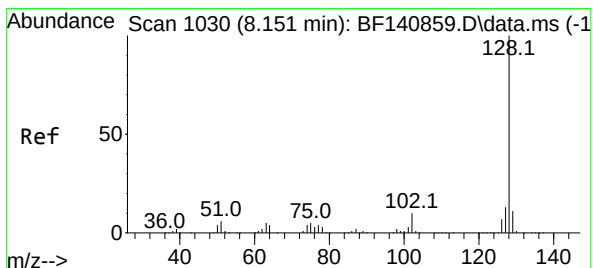
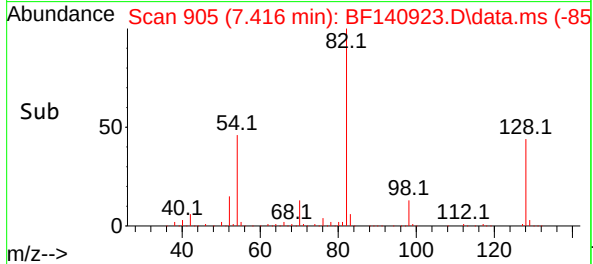
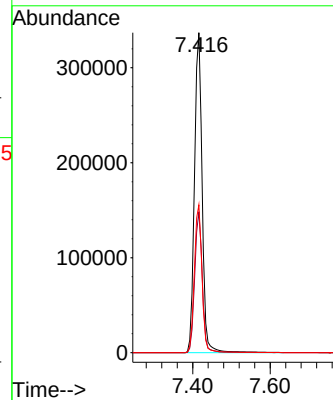
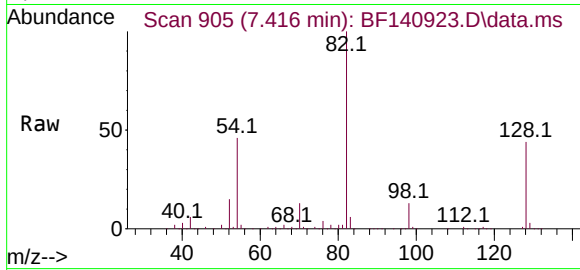
Tgt Ion: 82 Resp: 464541

Ion Ratio Lower Upper

82 100

128 44.0 34.4 51.6

54 46.2 38.8 58.2



#31

Naphthalene

Concen: 3.572 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

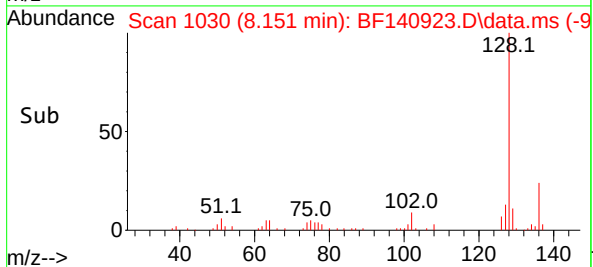
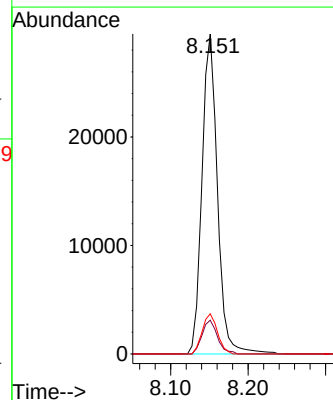
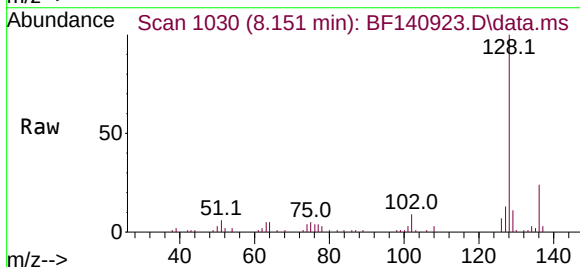
Tgt Ion: 128 Resp: 40824

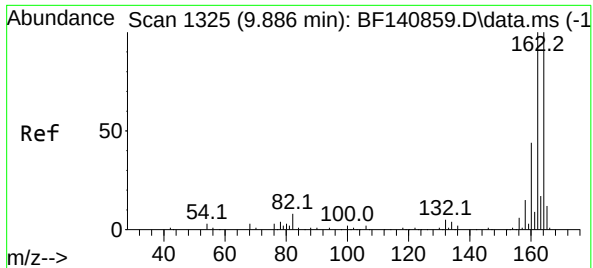
Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.5 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

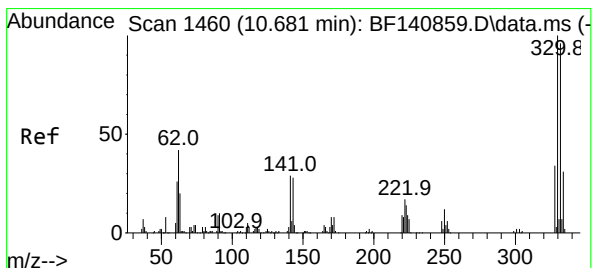
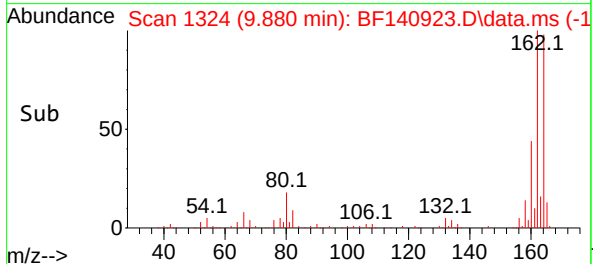
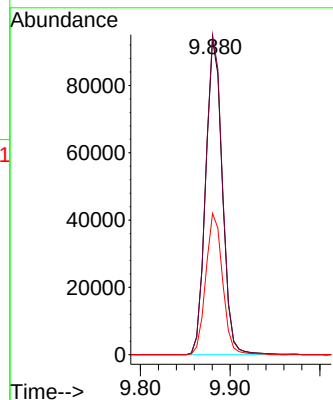
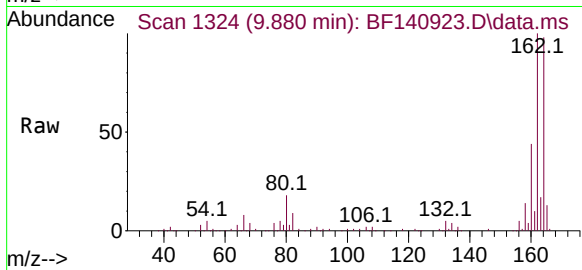
Tgt Ion:164 Resp: 120608

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

160 44.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 156.014 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

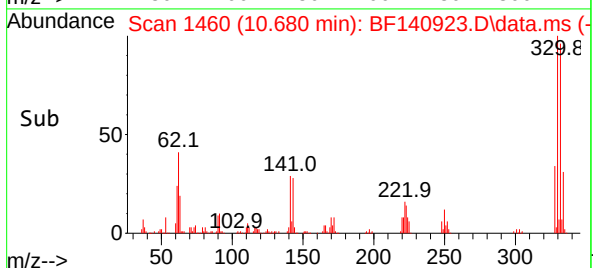
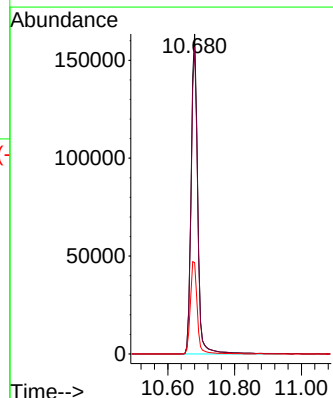
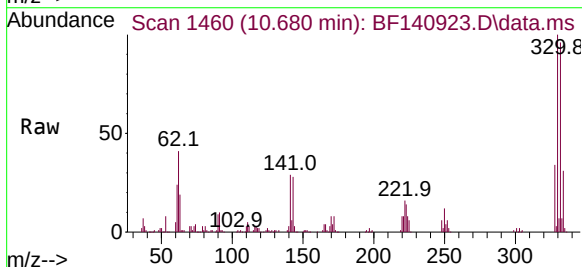
Tgt Ion:330 Resp: 222546

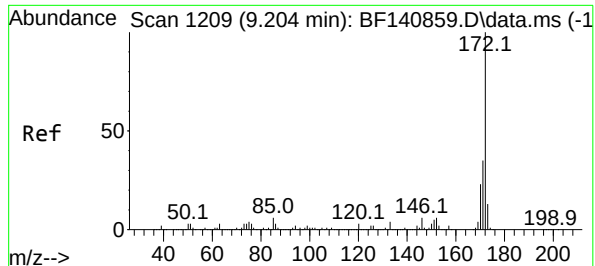
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 30.3 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 110.717 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

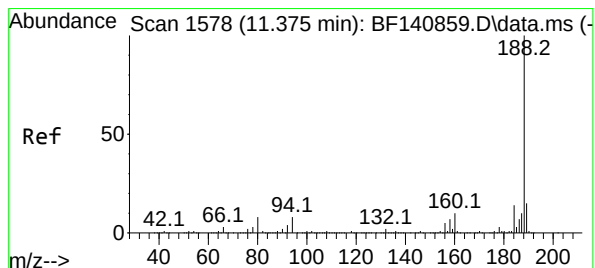
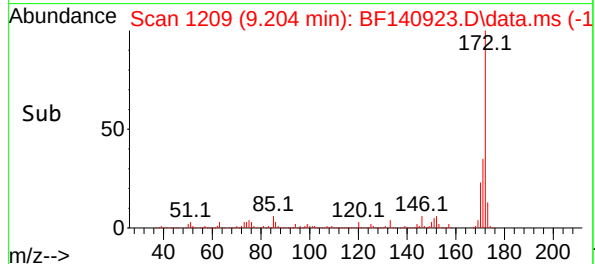
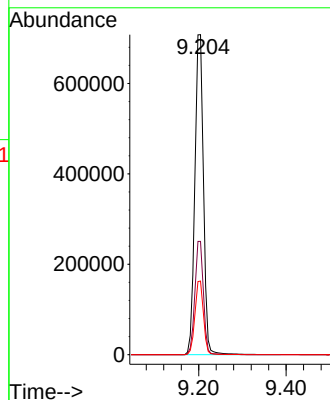
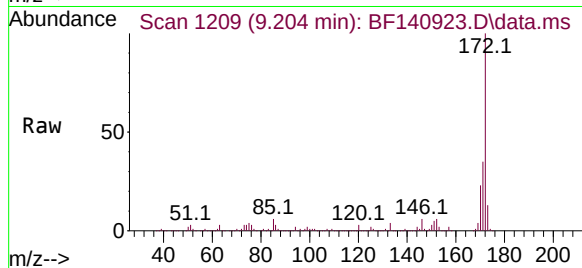
Tgt Ion:172 Resp: 971262

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.0 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

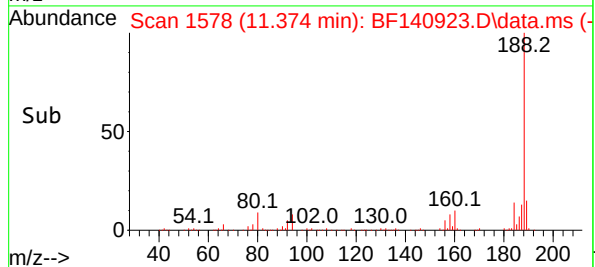
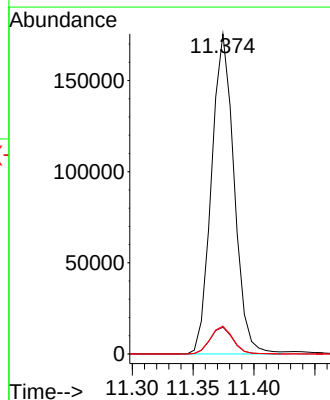
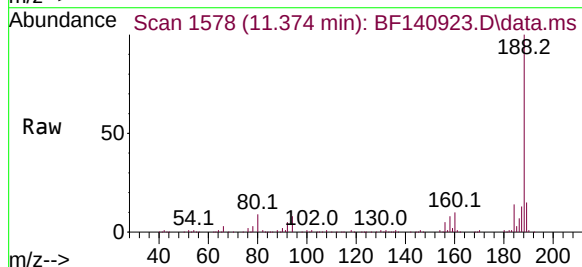
Tgt Ion:188 Resp: 226789

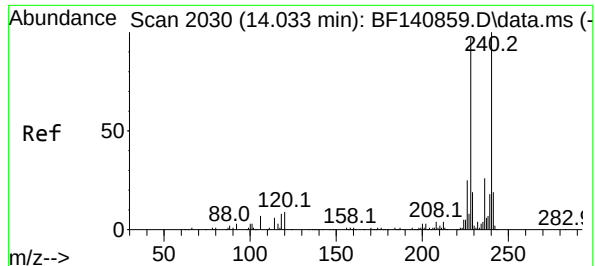
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.7 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213

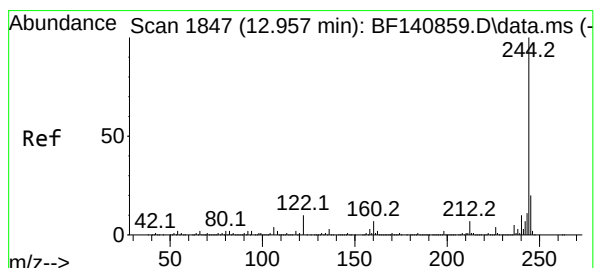
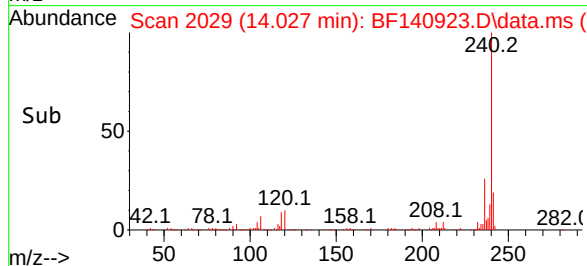
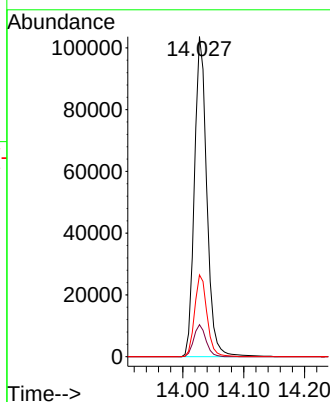
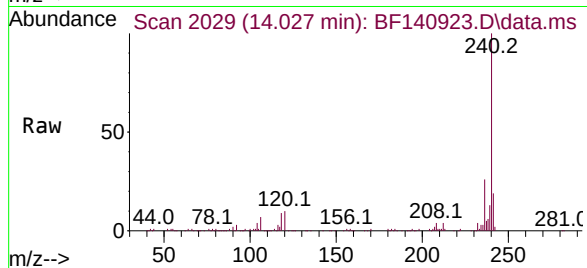
Tgt Ion:240 Resp: 146502

Ion Ratio Lower Upper

240 100

120 10.0 7.6 11.4

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 113.416 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140923.D

Acq: 19 Dec 2024 13:55

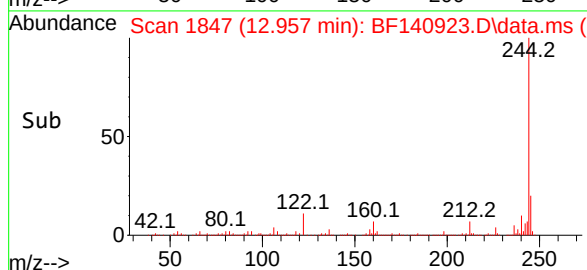
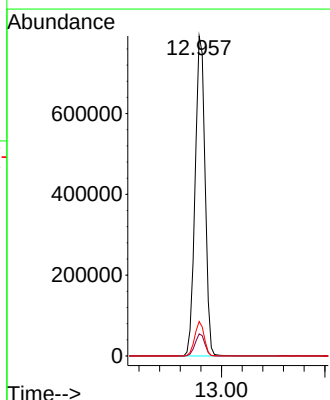
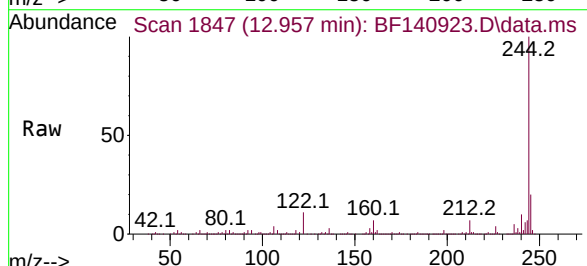
Tgt Ion:244 Resp: 1053711

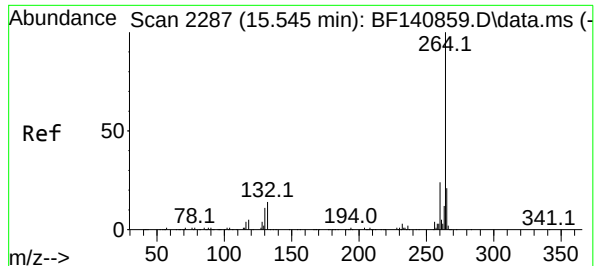
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.7 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140923.D

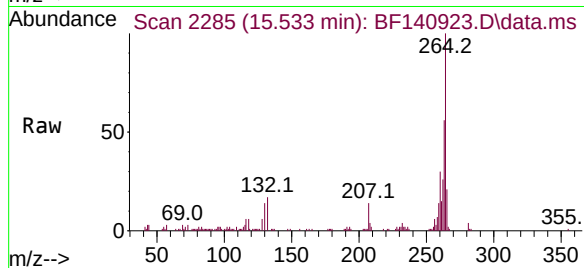
Acq: 19 Dec 2024 13:55

Instrument :

BNA_F

ClientSampleId :

WC-20241213



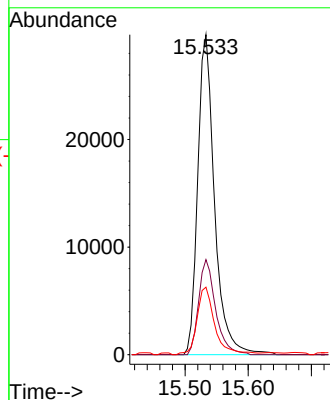
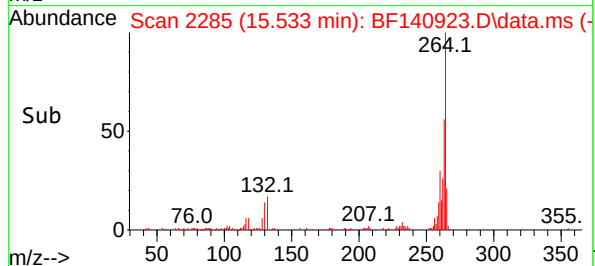
Tgt Ion:264 Resp: 54946

Ion Ratio Lower Upper

264 100

260 29.7 19.1 28.7#

265 21.1 17.0 25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/18/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/18/24
Client Sample ID:	PB165680TB	SDG No.:	P5291
Lab Sample ID:	PB165680TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140921.D	1	12/18/24 10:00	12/19/24 12:56	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	15.5	U	15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	8.40	U	8.40	50.0	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	100	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	50.0	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	8.90	U	8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	11.4	UQ	11.4	50.0	ug/L
87-86-5	Pentachlorophenol	18.5	U	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	159		10 - 139	106%	SPK: 150
13127-88-3	Phenol-d6	152		10 - 134	101%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.3		49 - 133	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		52 - 132	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	91.7		48 - 125	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	70300		6.845		
1146-65-2	Naphthalene-d8	275000		8.128		
15067-26-2	Acenaphthene-d10	153000		9.88		
1517-22-2	Phenanthrene-d10	302000		11.374		
1719-03-5	Chrysene-d12	232000		14.033		
1520-96-3	Perylene-d12	162000		15.545		

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/18/24
Project:	Con Edison Non-MGP - Atlantic Avenue		Date Received:	12/18/24
Client Sample ID:	PB165680TB		SDG No.:	P5291
Lab Sample ID:	PB165680TB		Matrix:	TCLP
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140921.D	1	12/18/24 10:00	12/19/24 12:56	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF121924\
Data File : BF140921.D
Acq On : 19 Dec 2024 12:56
Operator : RC/JU
Sample : PB165680TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165680TB

Quant Time: Dec 19 13:24:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	70295	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	274815	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153483	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	302044	20.000	ng	0.00
76) Chrysene-d12	14.033	240	232015	20.000	ng	0.00
86) Perylene-d12	15.545	264	162327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	680319	159.319	ng	0.01
7) Phenol-d6	6.498	99	859047	151.885	ng	0.00
23) Nitrobenzene-d5	7.416	82	506966	92.295	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	260661	143.594	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1121570	100.467	ng	0.00
79) Terphenyl-d14	12.963	244	1348505	91.650	ng	0.00

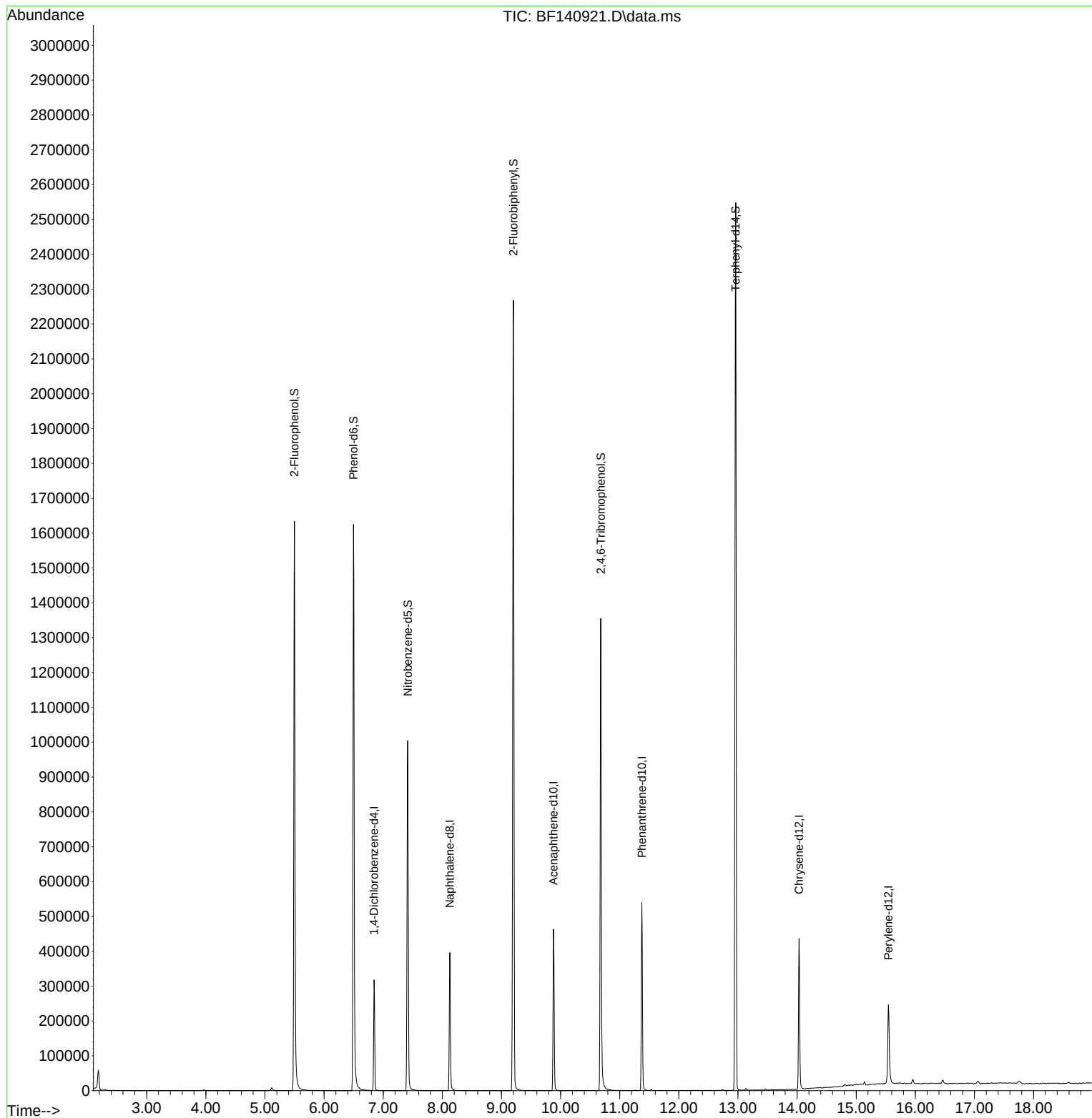
Target Compounds	Qvalue

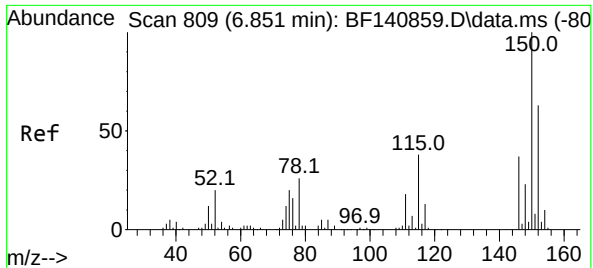
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140921.D
Acq On : 19 Dec 2024 12:56
Operator : RC/JU
Sample : PB165680TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165680TB

Quant Time: Dec 19 13:24:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

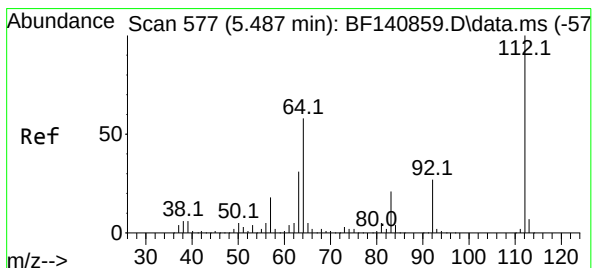
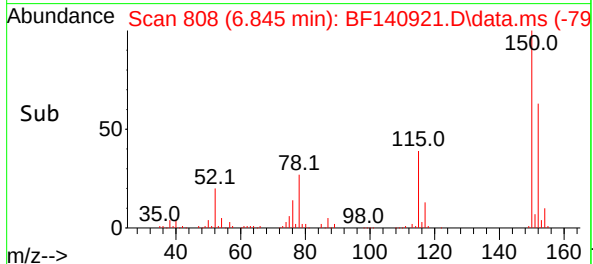
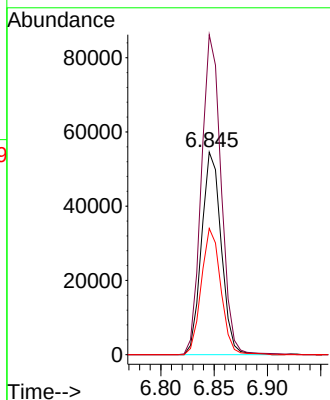
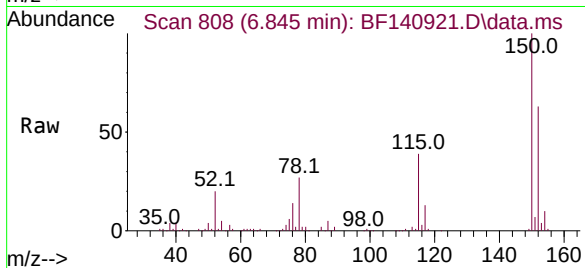




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

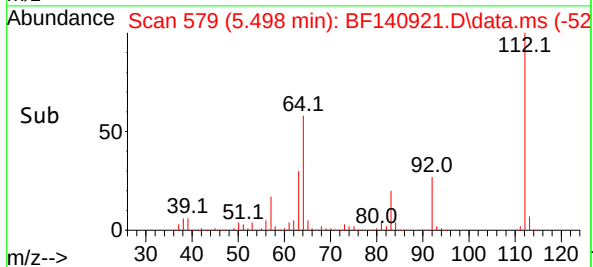
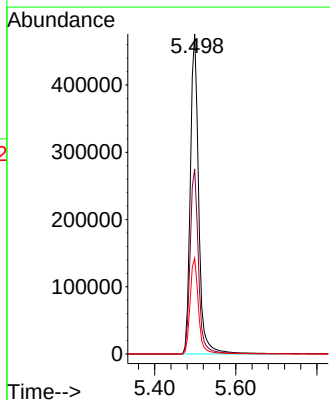
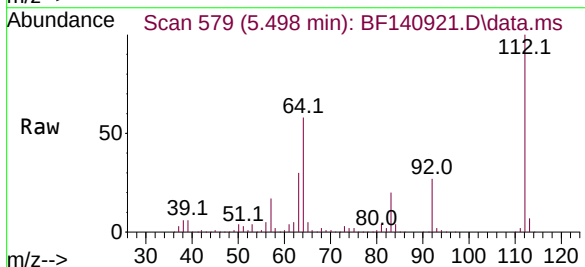
Instrument :
BNA_F
ClientSampleId :
PB165680TB

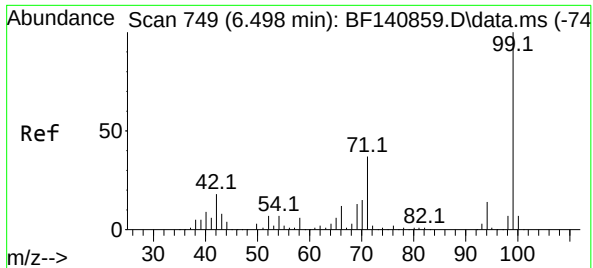
Tgt Ion:152 Resp: 70295
Ion Ratio Lower Upper
152 100
150 158.0 127.9 191.9
115 62.4 48.0 72.0



#5
2-Fluorophenol
Concen: 159.319 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:112 Resp: 680319
Ion Ratio Lower Upper
112 100
64 57.9 46.1 69.1
63 30.0 24.9 37.3

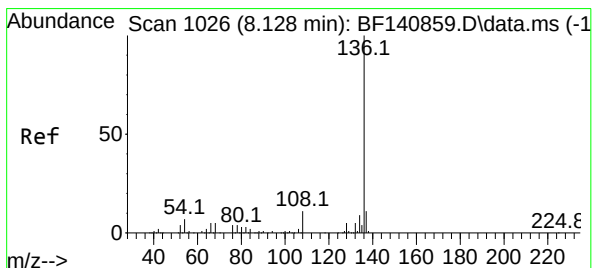
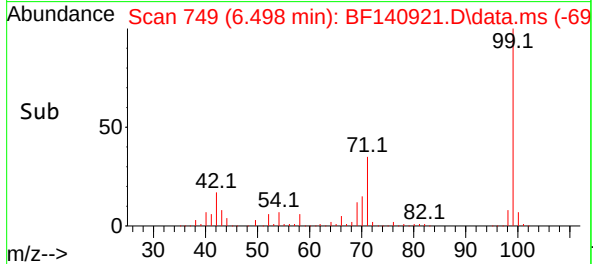
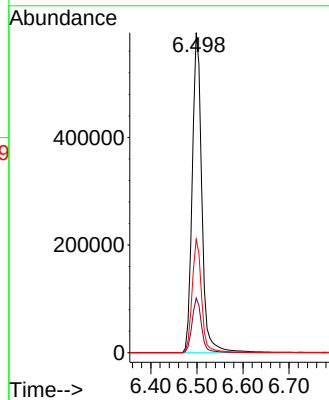
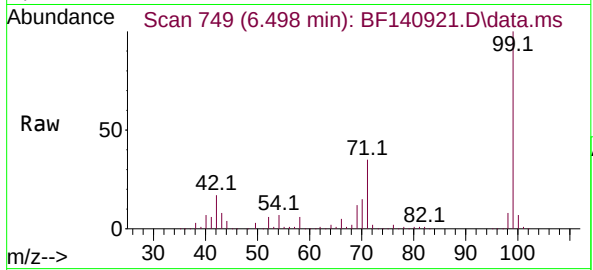




#7
Phenol-d6
Concen: 151.885 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

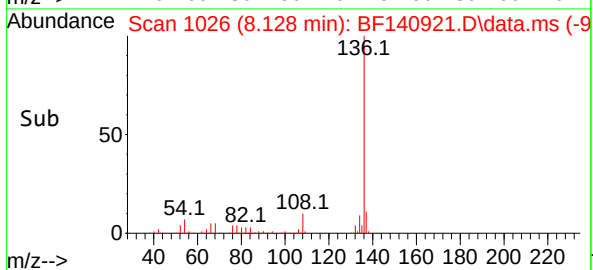
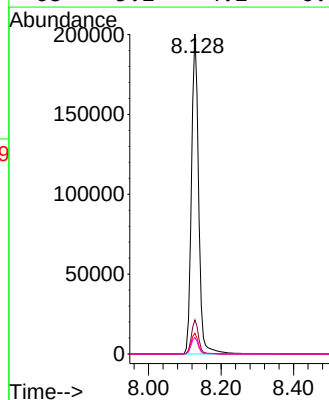
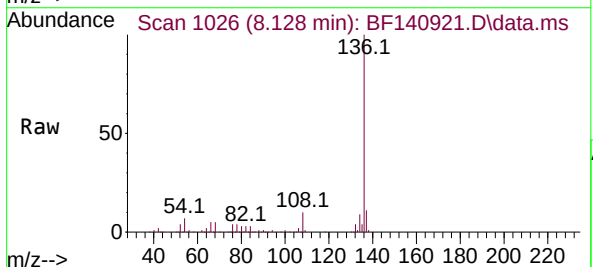
Instrument :
BNA_F
ClientSampleId :
PB165680TB

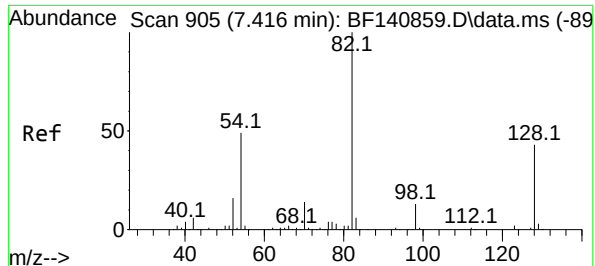
Tgt Ion: 99 Resp: 859047
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 35.5 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion: 136 Resp: 274815
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.5 5.6 8.4
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 92.295 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

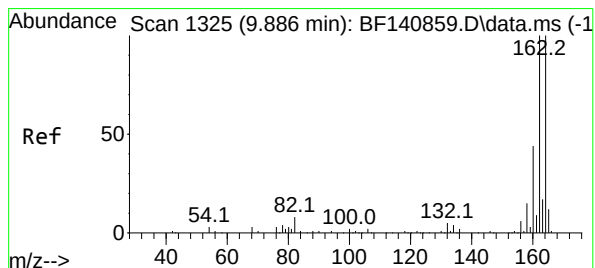
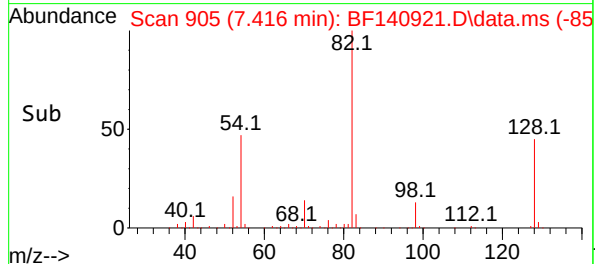
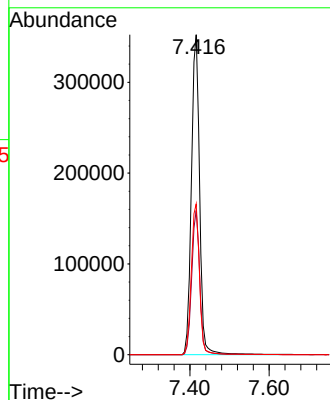
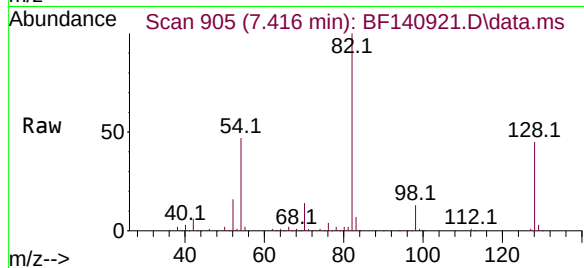
Tgt Ion: 82 Resp: 506966

Ion Ratio Lower Upper

82 100

128 45.1 34.4 51.6

54 47.1 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

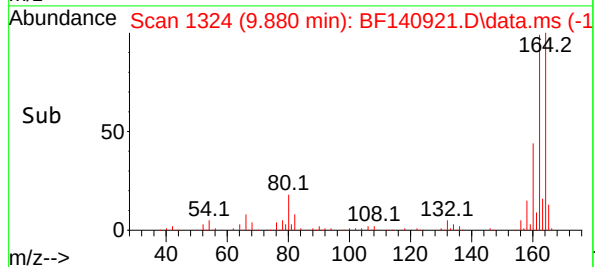
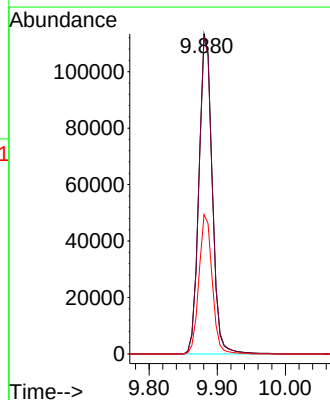
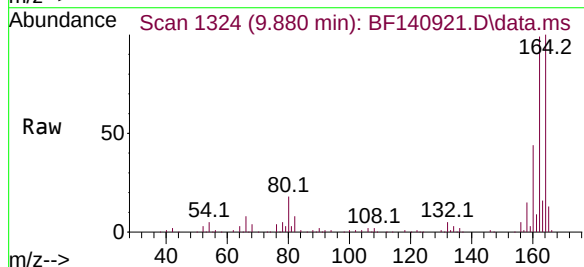
Tgt Ion:164 Resp: 153483

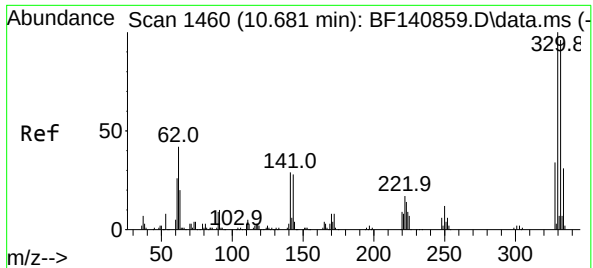
Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 43.5 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 143.594 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

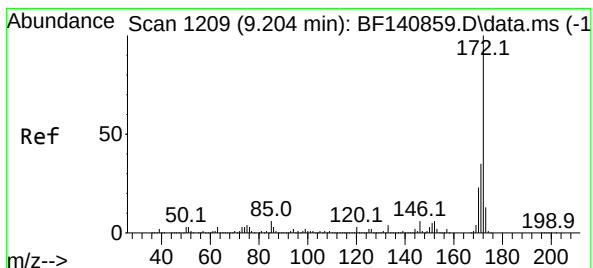
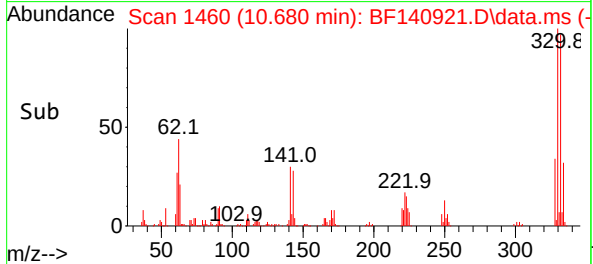
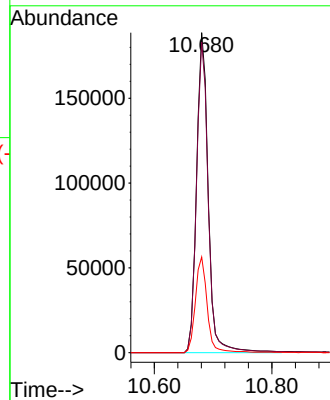
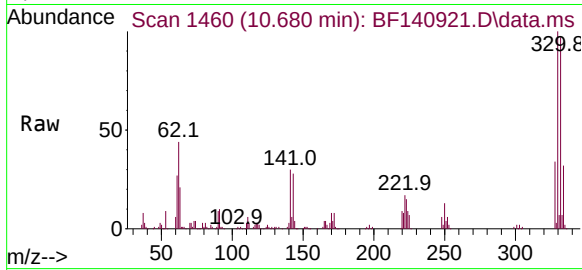
Tgt Ion:330 Resp: 260661

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.467 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

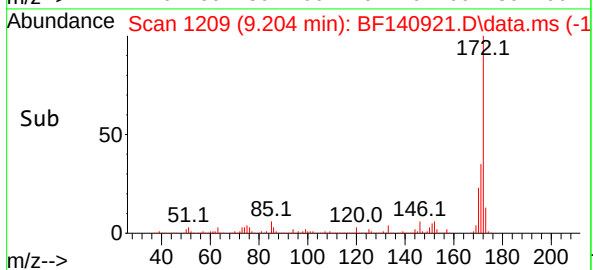
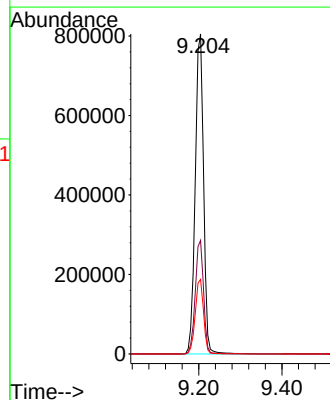
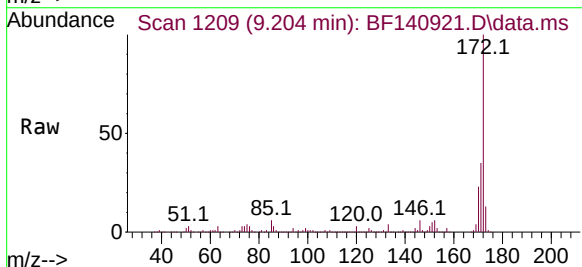
Tgt Ion:172 Resp: 1121570

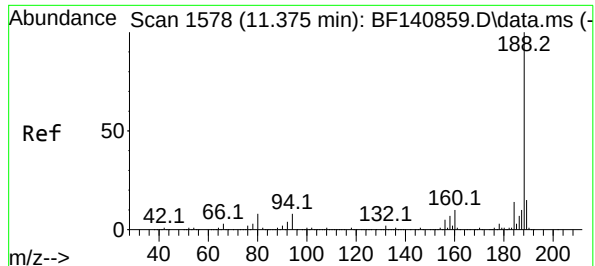
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

Instrument :

BNA_F

ClientSampleId :

PB165680TB

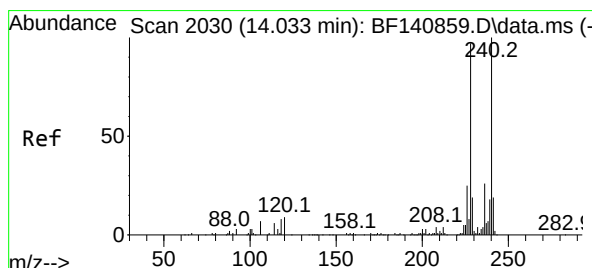
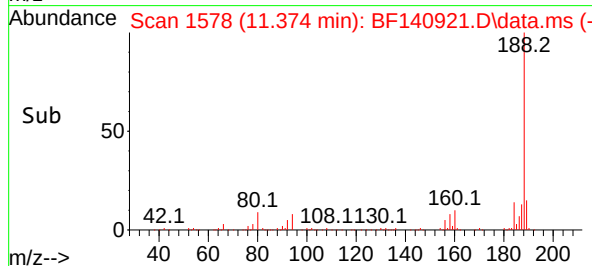
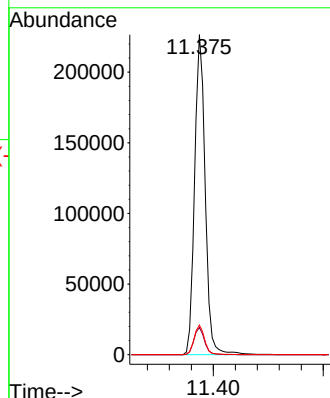
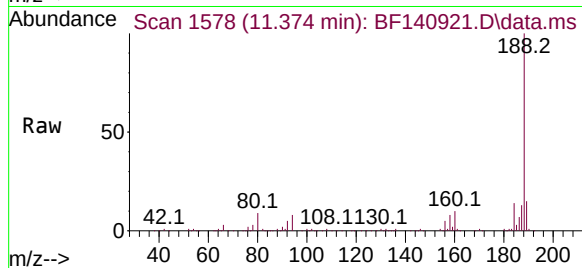
Tgt Ion:188 Resp: 302044

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140921.D

Acq: 19 Dec 2024 12:56

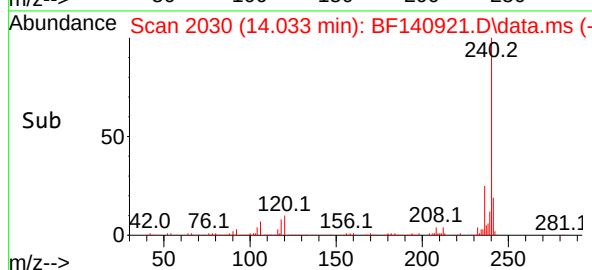
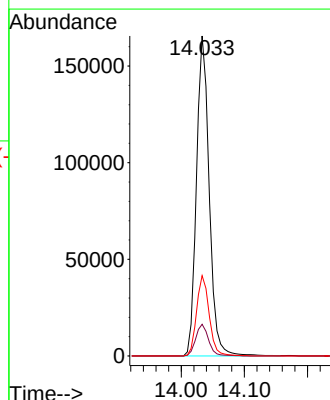
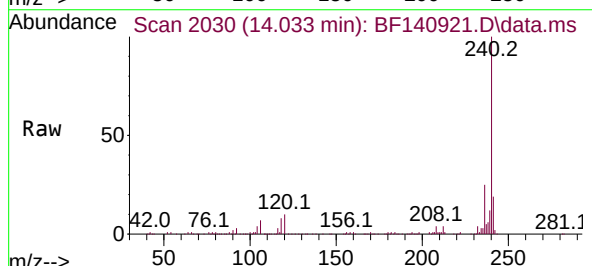
Tgt Ion:240 Resp: 232015

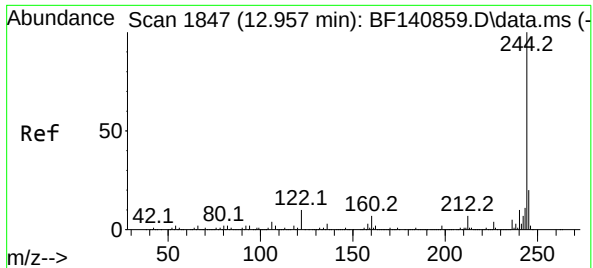
Ion Ratio Lower Upper

240 100

120 9.9 7.6 11.4

236 25.1 20.5 30.7

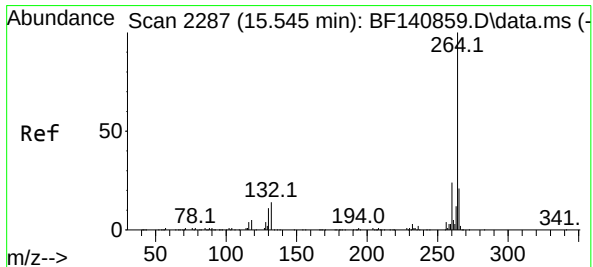
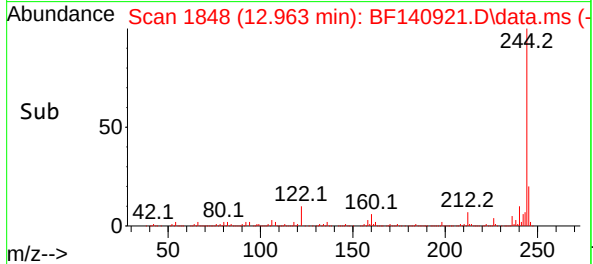
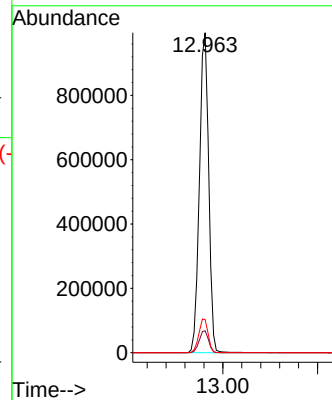
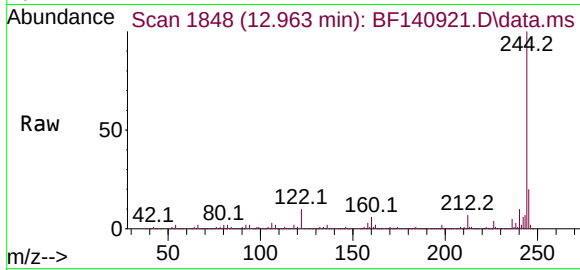




#79
Terphenyl-d14
Concen: 91.650 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

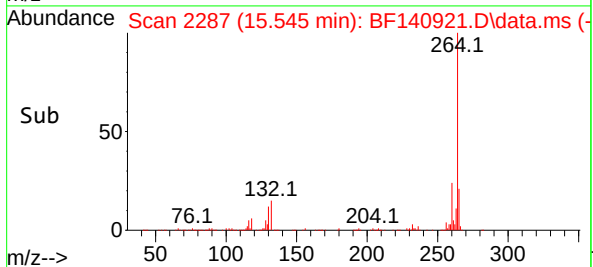
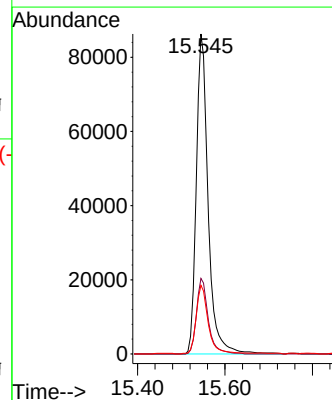
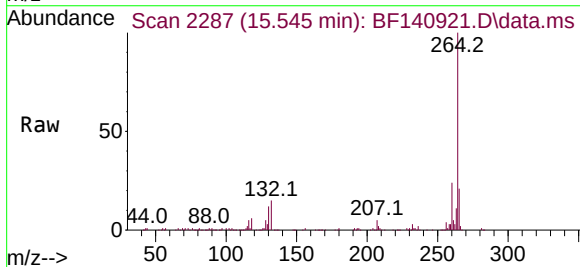
Instrument :
BNA_F
ClientSampleId :
PB165680TB

Tgt Ion:244 Resp: 1348505
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.3 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BF140921.D
Acq: 19 Dec 2024 12:56

Tgt Ion:264 Resp: 162327
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 17.0 25.4





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: CHEMTECH Contract: PARS02
 Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291
 Instrument ID: BNA_F Calibration Date(s): 12/16/2024 12/16/2024
 Calibration Time(s): 12:13 16:15

LAB FILE ID:		RRF2.5 = BF140855.D			RRF005 = BF140856.D		RRF010 = BF140857.D	
		RRF020 = BF140858.D			RRF040 = BF140859.D		RRF050 = BF140860.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.203	1.182	1.284	1.222	1.221	1.212	3.8
2-Fluorophenol		1.211	1.236	1.279	1.199	1.231	1.215	4.4
Phenol-d6		1.692	1.661	1.661	1.567	1.576	1.609	4.5
1,4-Dichlorobenzene		1.607	1.601	1.583	1.497	1.495	1.532	4.9
2-Methylphenol		1.081	1.105	1.080	1.039	1.039	1.058	3.5
3+4-Methylphenols		1.503	1.491	1.440	1.355	1.360	1.403	5.8
Nitrobenzene-d5		0.406	0.401	0.420	0.393	0.397	0.400	4.4
Hexachloroethane		0.600	0.580	0.585	0.556	0.557	0.570	3.9
Nitrobenzene		0.418	0.411	0.425	0.402	0.408	0.410	4.4
Hexachlorobutadiene		0.239	0.235	0.244	0.232	0.233	0.235	3.4
2,4,6-Trichlorophenol		0.348	0.339	0.386	0.364	0.357	0.376	9.7
2-Fluorobiphenyl		1.560	1.410	1.538	1.369	1.345	1.455	5.8
2,4,5-Trichlorophenol		0.413	0.365	0.426	0.397	0.395	0.414	8.3
2,4-Dinitrotoluene		0.435	0.438	0.440	0.419	0.421	0.424	4.1
2,4,6-Tribromophenol		0.235	0.236	0.242	0.240	0.235	0.237	2.6
Hexachlorobenzene		0.257	0.280	0.268	0.246	0.245	0.254	7.2
Pentachlorophenol			0.062	0.082	0.098	0.102	0.093	18.7
Terphenyl-d14		1.354	1.247	1.218	1.206	1.212	1.268	5.6

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-BF121624.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Dec 16 16:59:50 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BF140855.D 5 =BF140856.D 10 =BF140857.D 20 =BF140858.D 40 =BF140859.D 50 =BF140860.D 60 =BF140861.D 80 =BF140862.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.547	0.536	0.537	0.503	0.520	0.527	0.492	0.523	3.76	
3)	Pyridine	1.203	1.182	1.284	1.222	1.221	1.235	1.136	1.212	3.78	
4)	n-Nitrosodimet...	0.598	0.593	0.626	0.603	0.621	0.648	0.587	0.611	3.58	
5) S	2-Fluorophenol	1.211	1.236	1.279	1.199	1.231	1.242	1.107	1.215	4.45	
6)	Aniline	1.408	1.461	1.448	1.374	1.364	1.369	1.208	1.376	6.06	
7) S	Phenol-d6	1.692	1.661	1.661	1.567	1.576	1.623	1.485	1.609	4.45	
8)	2-Chlorophenol	1.343	1.379	1.357	1.301	1.313	1.351	1.230	1.325	3.75	
9)	Benzaldehyde	1.048	1.051	0.993	0.864	0.823	0.800	0.663	0.892	16.27	
10) C	Phenol	1.756	1.690	1.733	1.630	1.643	1.688	1.534	1.668	4.44	
11)	bis(2-Chloroet...	1.277	1.242	1.281	1.227	1.237	1.267	1.176	1.244	2.93	
12)	1,3-Dichlorobe...	1.584	1.540	1.557	1.469	1.495	1.530	1.394	1.510	4.21	
13) C	1,4-Dichlorobe...	1.607	1.601	1.583	1.497	1.495	1.546	1.397	1.532	4.91	
14)	1,2-Dichlorobe...	1.521	1.495	1.509	1.436	1.403	1.434	1.322	1.446	4.86	
15)	Benzyl Alcohol	1.146	1.143	1.236	1.150	1.143	1.179	1.056	1.151	4.64	
16)	2,2'-oxybis(1-...	1.563	1.495	1.519	1.438	1.438	1.443	1.359	1.465	4.53	
17)	2-Methylphenol	1.081	1.105	1.080	1.039	1.039	1.067	0.993	1.058	3.51	
18)	Hexachloroethane	0.600	0.580	0.585	0.556	0.557	0.580	0.535	0.570	3.86	
19) P	n-Nitroso-di-n...	1.005	1.030	1.004	0.999	0.922	0.938	0.949	0.873	0.965	5.52
20)	3+4-Methylphenols	1.503	1.491	1.440	1.355	1.360	1.396	1.273	1.403	5.82	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.526	0.503	0.520	0.493	0.496	0.518	0.446	0.500	5.41	
23) S	Nitrobenzene-d5	0.406	0.401	0.420	0.393	0.397	0.415	0.366	0.400	4.42	
24)	Nitrobenzene	0.418	0.411	0.425	0.402	0.408	0.429	0.375	0.410	4.40	
25)	Isophorone	0.681	0.672	0.690	0.651	0.664	0.700	0.631	0.670	3.55	
26) C	2-Nitrophenol	0.183	0.185	0.193	0.187	0.191	0.201	0.180	0.189	3.79	
27)	2,4-Dimethylph...	0.221	0.220	0.225	0.220	0.219	0.228	0.210	0.220	2.61	
28)	bis(2-Chloroet...	0.431	0.414	0.429	0.417	0.418	0.426	0.394	0.418	3.04	
29) C	2,4-Dichloroph...	0.300	0.310	0.313	0.299	0.301	0.316	0.290	0.304	3.07	
30)	1,2,4-Trichlor...	0.360	0.354	0.357	0.341	0.342	0.362	0.325	0.349	3.77	
31)	Naphthalene	1.138	1.125	1.126	1.067	1.090	1.124	1.020	1.099	3.86	
32)	Benzoic acid		0.173	0.192	0.212	0.220	0.237	0.220	0.209	10.98	
33)	4-Chloroaniline	0.371	0.375	0.377	0.361	0.358	0.363	0.349	0.365	2.74	
34) C	Hexachlorobuta...	0.239	0.235	0.244	0.232	0.233	0.239	0.219	0.235	3.42	
35)	Caprolactam	0.085	0.090	0.090	0.090	0.089	0.092	0.097	0.091	3.88	
36) C	4-Chloro-3-met...	0.342	0.347	0.347	0.338	0.332	0.342	0.348	0.342	1.72	
37)	2-Methylnaphth...	0.744	0.734	0.740	0.721	0.700	0.719	0.729	0.727	2.08	
38)	1-Methylnaphth...	0.758	0.743	0.716	0.706	0.686	0.706	0.716	0.719	3.36	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF121624.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.622	0.573	0.641	0.580	0.576	0.622	0.689	0.615	6.88	
41) P	Hexachlorocycl...	0.091	0.120	0.142	0.163	0.183	0.221	0.153	30.05		
42) S	2,4,6-Tribromo...	0.235	0.236	0.242	0.240	0.235	0.243	0.225	0.237	2.56	
43) C	2,4,6-Trichlor...	0.348	0.339	0.386	0.364	0.357	0.395	0.446	0.376	9.68	
44)	2,4,5-Trichlor...	0.413	0.365	0.426	0.397	0.395	0.426	0.475	0.414	8.28	
45) S	2-Fluorobiphenyl	1.560	1.410	1.538	1.369	1.345	1.445	1.517	1.455	5.85	
46)	1,1'-Biphenyl	1.678	1.512	1.639	1.513	1.463	1.575	1.752	1.590	6.54	
47)	2-Chloronaphth...	1.236	1.157	1.254	1.169	1.124	1.206	1.370	1.217	6.69	
48)	2-Nitroaniline	0.350	0.346	0.372	0.358	0.341	0.378	0.428	0.367	8.14	
49)	Acenaphthylene	1.874	1.821	1.880	1.734	1.696	1.783	1.727	1.788	4.09	
50)	Dimethylphthalate	1.431	1.367	1.438	1.359	1.308	1.417	1.549	1.410	5.45	
51)	2,6-Dinitrotol...	0.320	0.317	0.328	0.312	0.303	0.321	0.355	0.322	5.06	
52) C	Acenaphthene	1.228	1.190	1.166	1.113	1.100	1.148	1.049	1.142	5.25	
53)	3-Nitroaniline	0.322	0.316	0.328	0.316	0.325	0.325	0.307	0.320	2.29	
54) P	2,4-Dinitrophenol	0.088	0.108	0.134	0.145	0.160	0.157	0.132	21.60		
55)	Dibenzofuran	1.920	1.876	1.830	1.728	1.705	1.746	1.583	1.770	6.48	
56) P	4-Nitrophenol	0.091	0.133	0.165	0.169	0.176	0.167	0.150	21.61		
57)	2,4-Dinitrotol...	0.435	0.438	0.440	0.419	0.421	0.426	0.389	0.424	4.12	
58)	Fluorene	1.573	1.522	1.492	1.444	1.429	1.425	1.335	1.460	5.29	
59)	2,3,4,6-Tetrac...	0.297	0.312	0.345	0.354	0.356	0.356	0.341	0.337	6.99	
60)	Diethylphthalate	1.562	1.484	1.496	1.439	1.446	1.461	1.346	1.462	4.48	
61)	4-Chlorophenyl...	0.780	0.750	0.759	0.716	0.727	0.728	0.674	0.733	4.62	
62)	4-Nitroaniline	0.329	0.333	0.339	0.338	0.343	0.339	0.320	0.334	2.37	
63)	Azobenzene	1.482	1.411	1.394	1.368	1.358	1.334	1.273	1.375	4.74	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.099	0.109	0.117	0.118	0.129	0.109	0.113	8.96		
66) c	n-Nitrosodiphe...	0.639	0.679	0.644	0.599	0.592	0.626	0.527	0.615	7.90	
67)	4-Bromophenyl-...	0.225	0.248	0.236	0.220	0.214	0.231	0.192	0.224	7.97	
68)	Hexachlorobenzene	0.257	0.280	0.268	0.246	0.245	0.258	0.223	0.254	7.24	
69)	Atrazine	0.200	0.204	0.193	0.168	0.153	0.157	0.127	0.172	16.48	
70) C	Pentachlorophenol	0.062	0.082	0.098	0.102	0.106	0.106	0.093	18.65		
71)	Phenanthrene	1.125	1.081	1.072	0.983	0.988	1.013	0.937	1.028	6.45	
72)	Anthracene	1.091	1.064	1.053	0.970	0.978	1.000	0.934	1.013	5.66	
73)	Carbazole	1.086	1.018	1.026	0.952	0.972	0.970	0.920	0.992	5.58	
74)	Di-n-butylphth...	1.245	1.206	1.232	1.129	1.185	1.186	0.968	1.164	8.12	
75) C	Fluoranthene	1.364	1.291	1.251	1.130	1.138	1.175	0.943	1.184	11.51	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.319	0.401	0.404	0.493	0.454	0.378	0.408	14.76		
78)	Pyrene	1.904	1.719	1.650	1.699	1.761	1.769	1.948	1.779	6.12	
79) S	Terphenyl-d14	1.354	1.247	1.218	1.206	1.212	1.260	1.381	1.268	5.58	
80)	Butylbenzylpht...	0.650	0.616	0.621	0.646	0.672	0.681	0.696	0.654	4.59	
81)	Benzo(a)anthra...	1.494	1.473	1.421	1.359	1.388	1.418	1.369	1.417	3.60	
82)	3,3'-Dichlorob...	0.429	0.427	0.449	0.412	0.432	0.446	0.399	0.428	4.14	
83)	Chrysene	1.361	1.284	1.364	1.271	1.254	1.283	1.206	1.289	4.40	
84)	Bis(2-ethylhex...	0.804	0.807	0.875	0.821	0.855	0.890	0.855	0.844	3.99	
85) c	Di-n-octyl pht...	1.267	1.170	1.348	1.223	1.341	1.324	1.263	1.277	5.17	

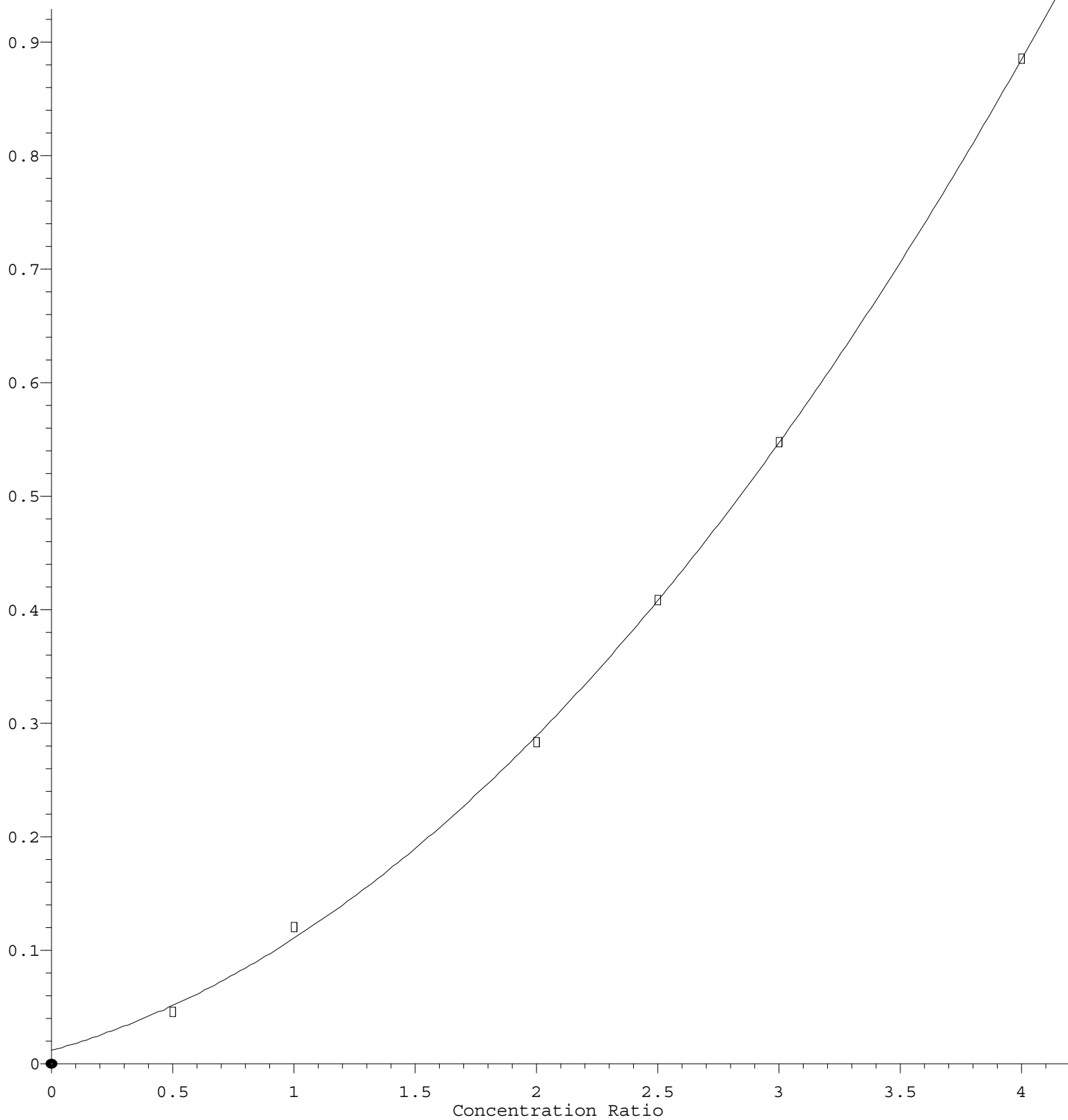
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF121624.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.130	1.174	1.330	1.269	1.109	1.330	1.395	1.248	8.90
88)	Benzo(b)fluora...	1.454	1.466	1.450	1.294	1.263	1.442	1.349	1.388	6.11
89)	Benzo(k)fluora...	1.318	1.250	1.223	1.224	1.142	1.182	0.996	1.191	8.57
90) C	Benzo(a)pyrene	1.099	1.084	1.134	1.073	1.056	1.122	1.042	1.087	3.10
91)	Dibenzo(a,h)an...	0.913	0.986	1.092	1.058	0.918	1.116	1.154	1.034	9.30
92)	Benzo(g,h,i)pe...	0.961	0.972	1.094	1.073	0.944	1.098	1.225	1.052	9.53

(#) = Out of Range

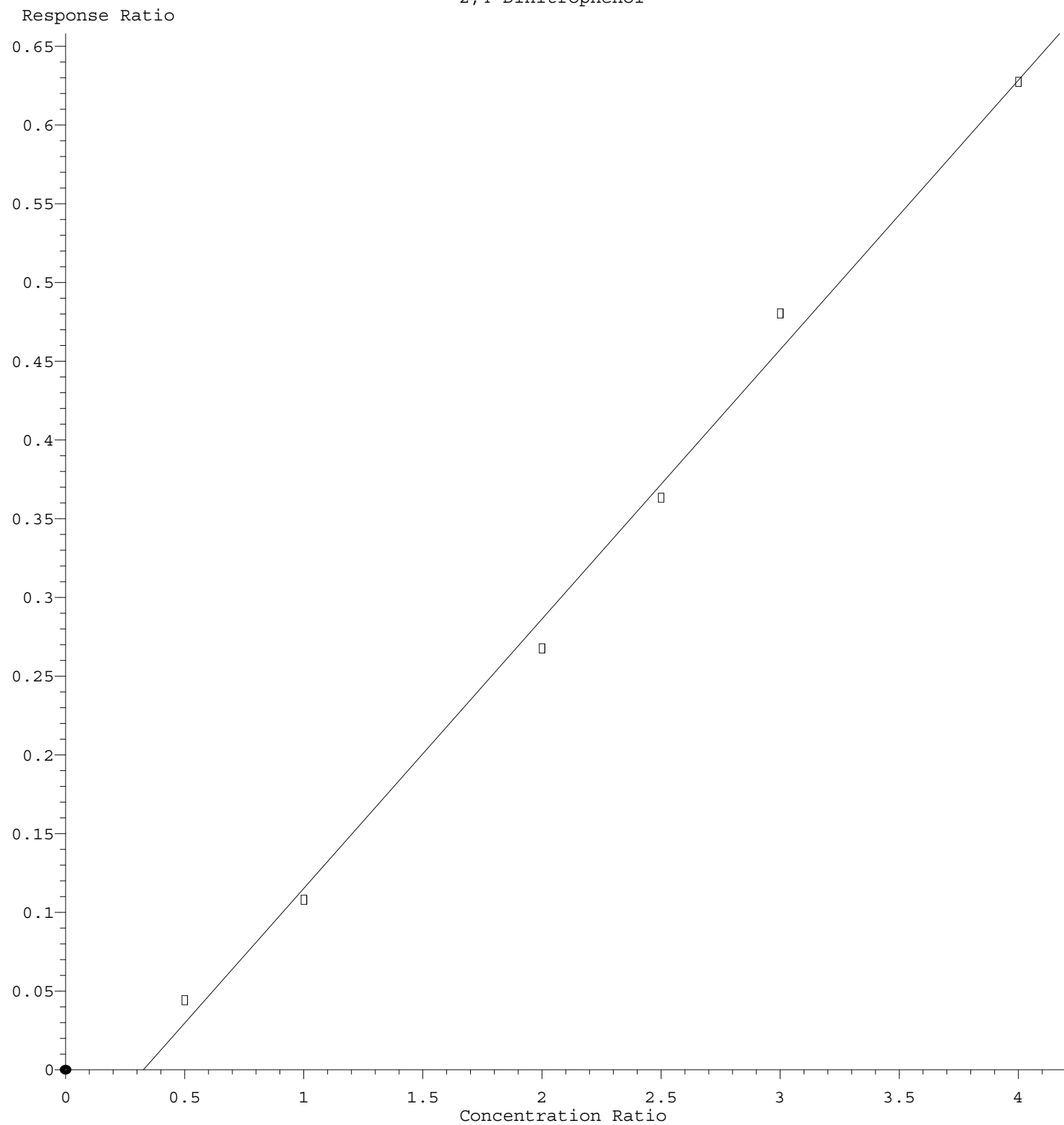
Hexachlorocyclopentadiene

Response Ratio



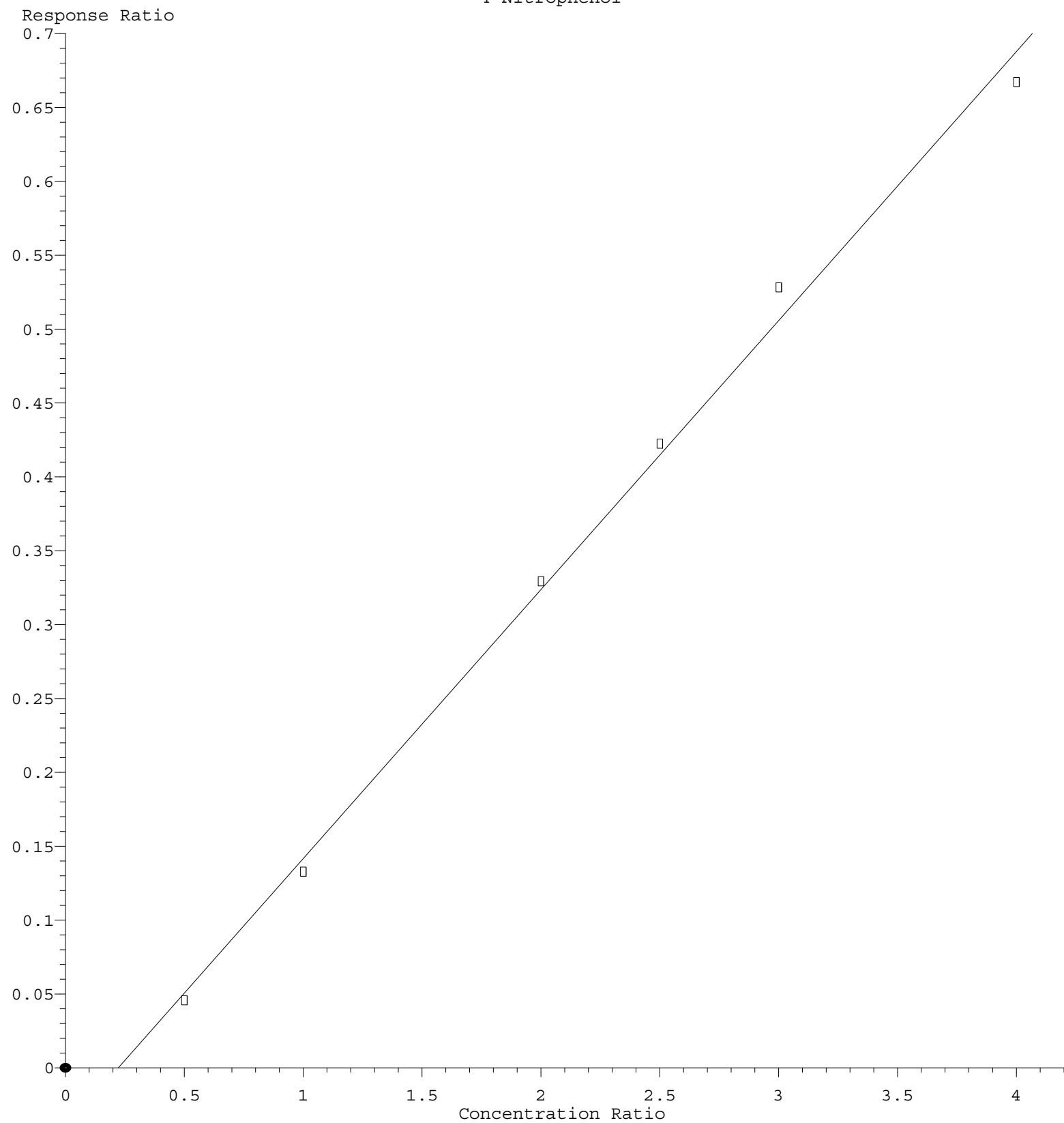
$R = 3.984e-002 A^2 + 5.892e-002 A + 1.177e-002$
Coef of Det (r^2) = 0.999663 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

2,4-Dinitrophenol



Response = $1.713 \times 10^{-1} \times \text{Amt} - 5.602 \times 10^{-2}$
Coef of Det (r^2) = 0.995067 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

4-Nitrophenol



$\text{Response} = 1.822\text{e-}001 * \text{Amt} - 4.046\text{e-}002$
 Coef of Det (r^2) = 0.995956 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
 Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140855.D
Acq On : 16 Dec 2024 12:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Dec 16 16:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

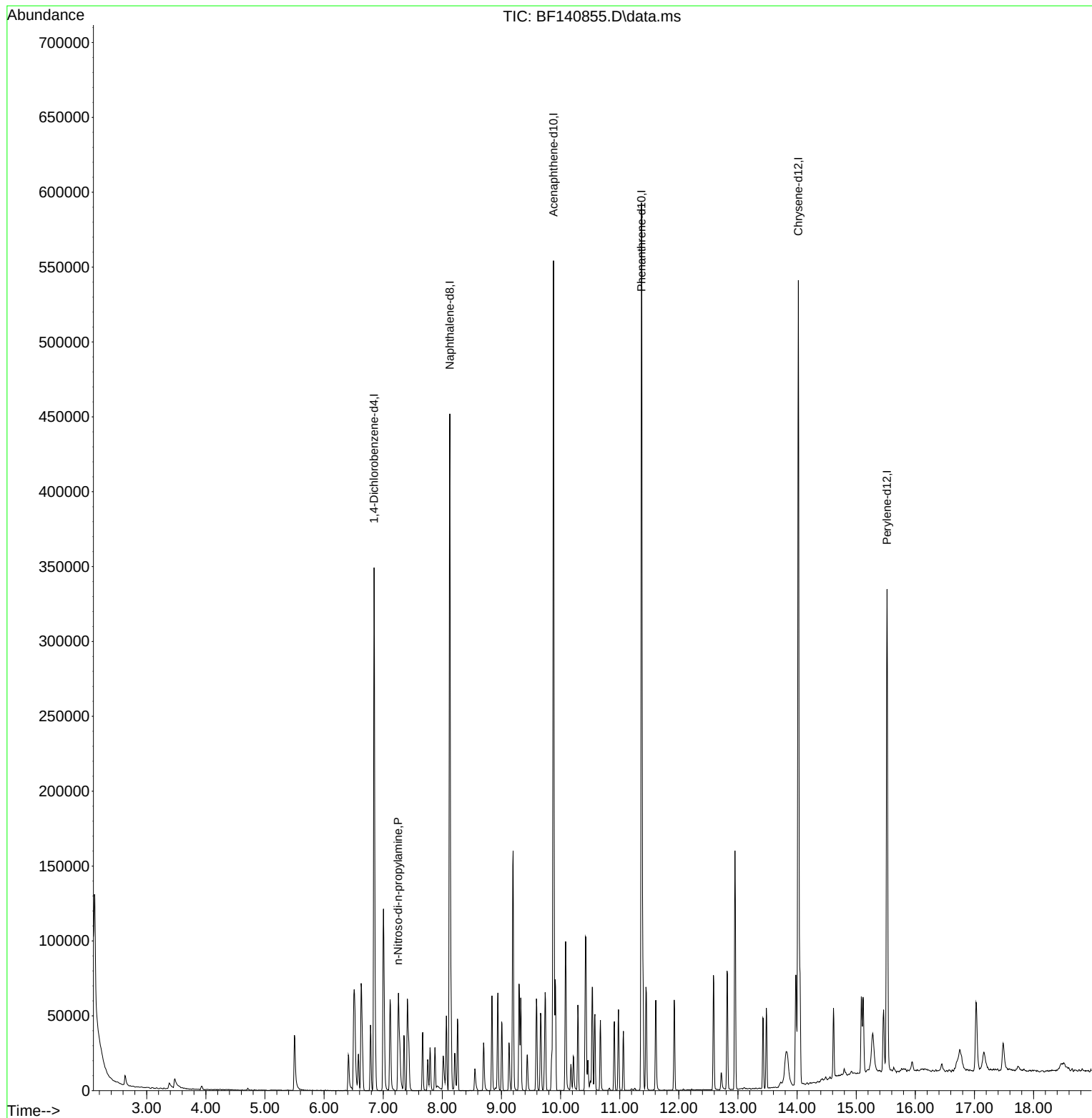
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	74199	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	283096	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	317916	20.000	ng	0.00
76) Chrysene-d12	14.021	240	234189	20.000	ng	-0.01
86) Perylene-d12	15.521	264	191083	20.000	ng	-0.02
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...	7.251	70	9325	2.604	ng	97

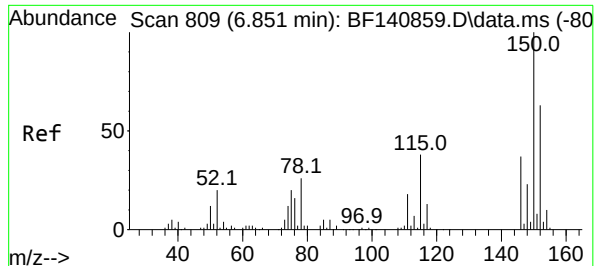
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140855.D
Acq On : 16 Dec 2024 12:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

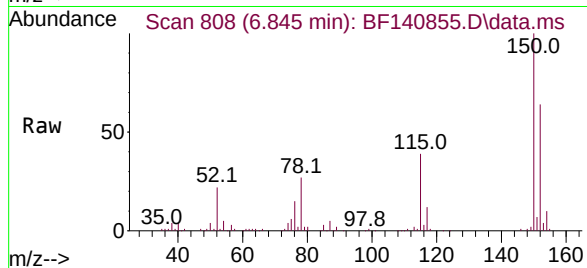
Quant Time: Dec 16 16:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



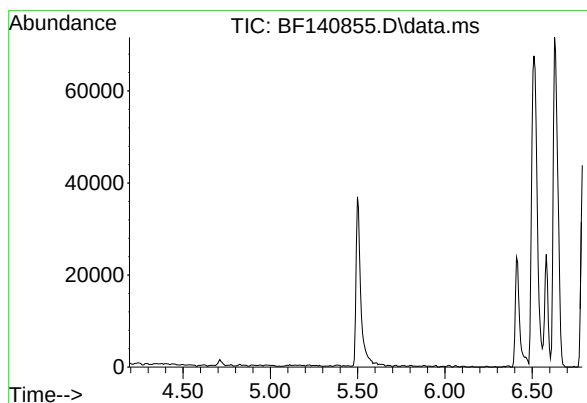
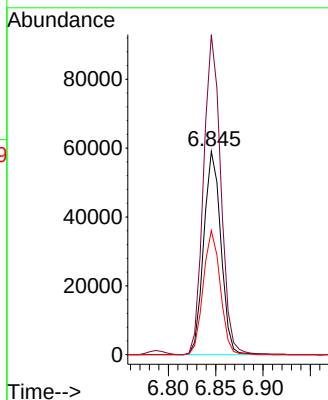
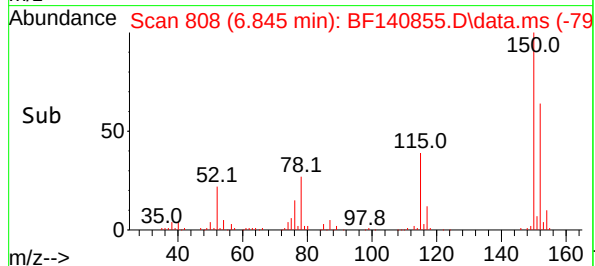


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



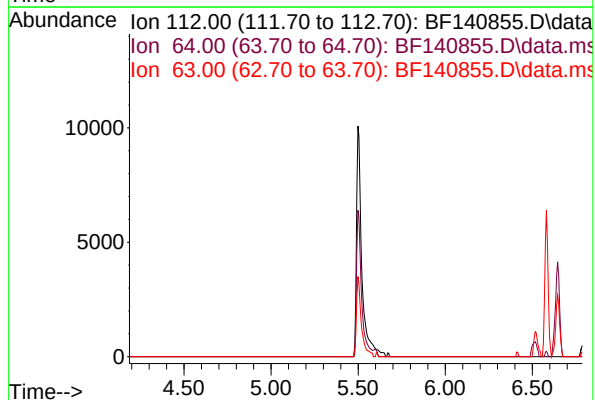
Tgt Ion:152 Resp: 74199
Ion Ratio Lower Upper
152 100
150 157.3 127.9 191.9
115 61.0 48.0 72.0

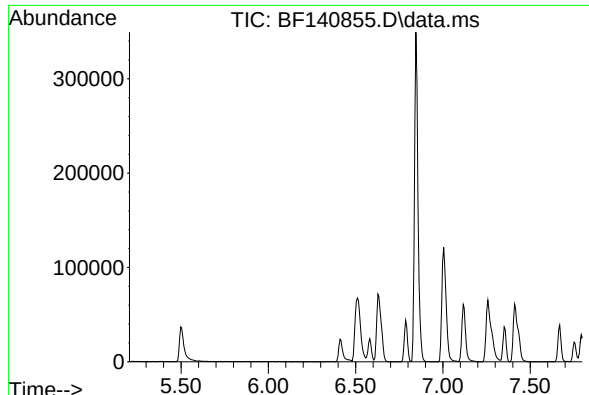


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.6
63 31.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.50 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

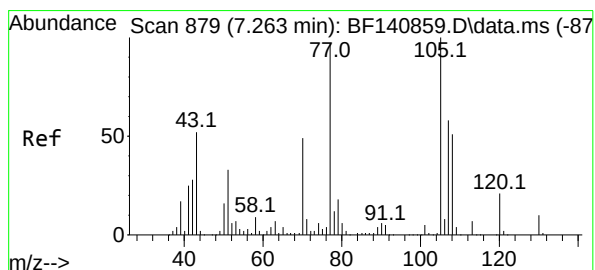
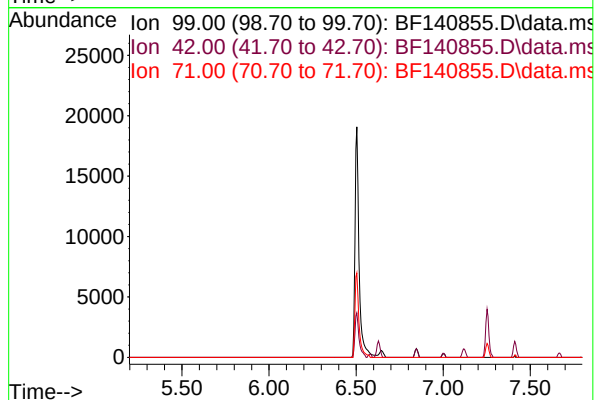
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.9

71 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.604 ng

RT: 7.251 min Scan# 877

Delta R.T. -0.012 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Tgt Ion: 70 Resp: 9325

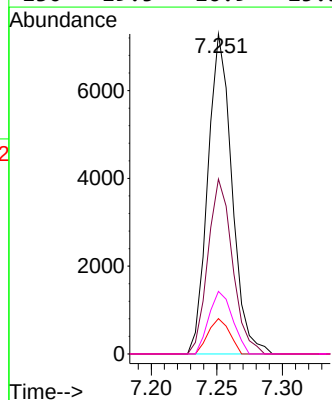
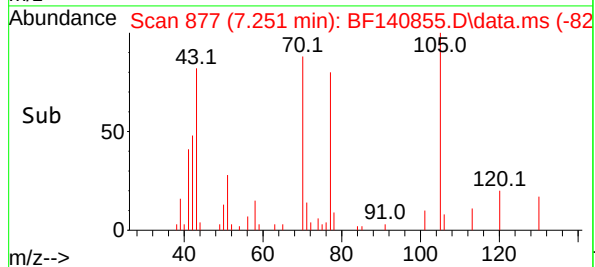
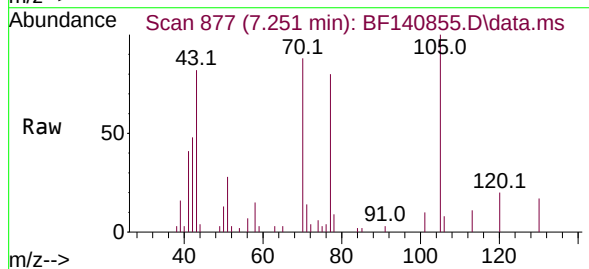
Ion Ratio Lower Upper

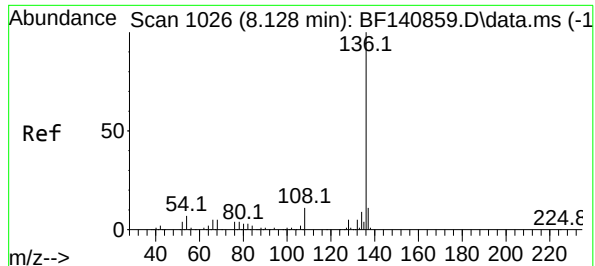
70 100

42 54.7 45.3 67.9

101 11.0 8.0 12.0

130 19.5 16.9 25.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140855.D

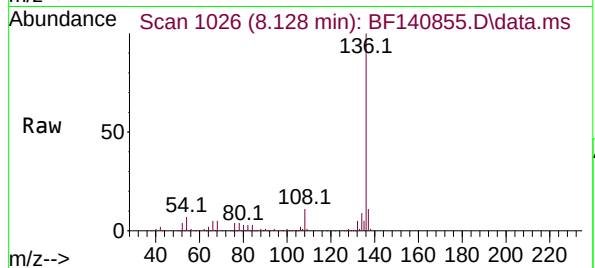
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 283096

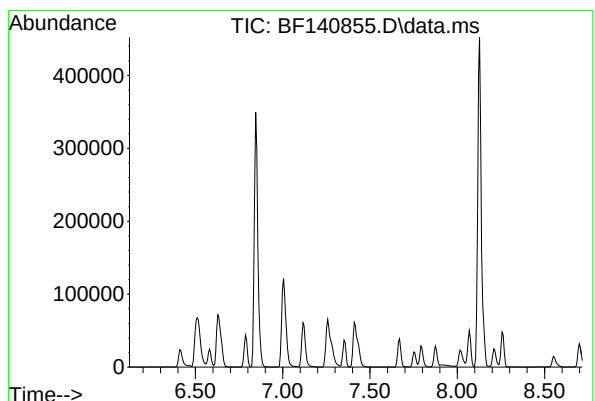
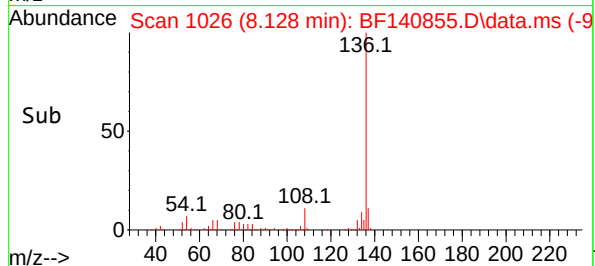
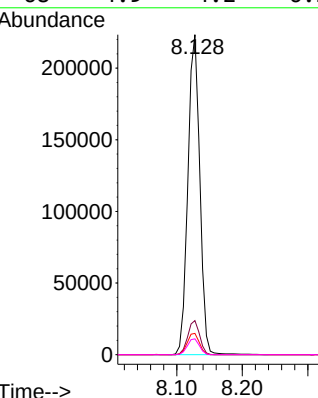
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 5.6 8.4

68 4.9 4.2 6.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.42 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

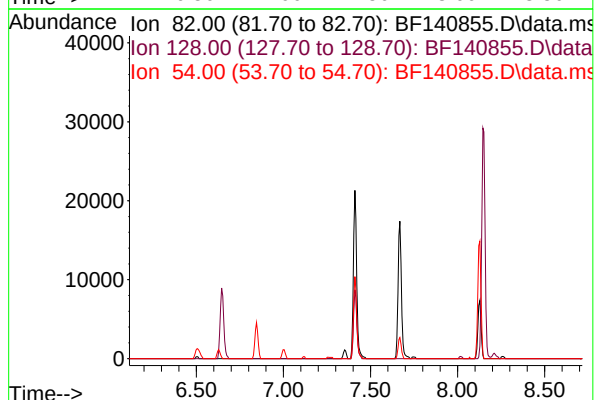
Tgt Ion: 82

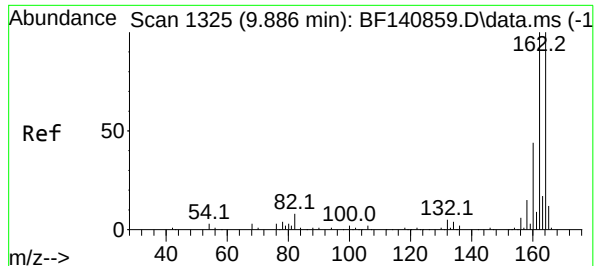
Sig Exp Ratio

82 100

128 43.0

54 48.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

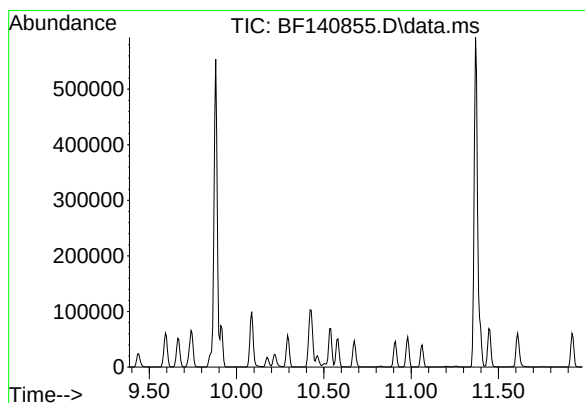
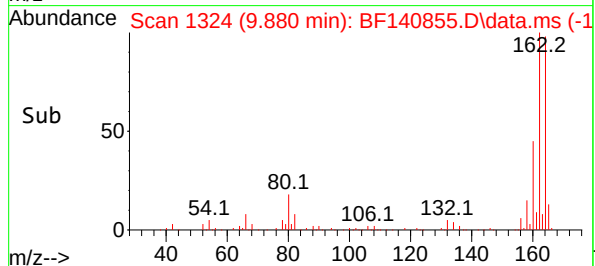
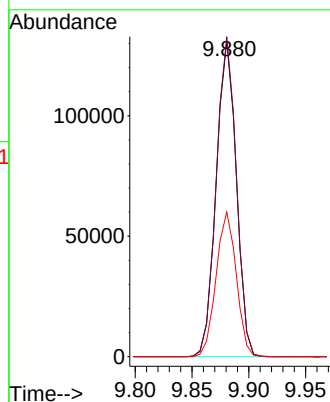
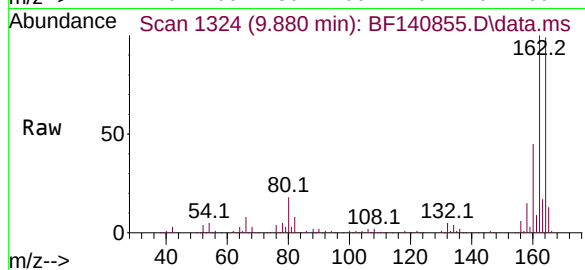
Tgt Ion:164 Resp: 161044

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

160 45.9 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.68 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

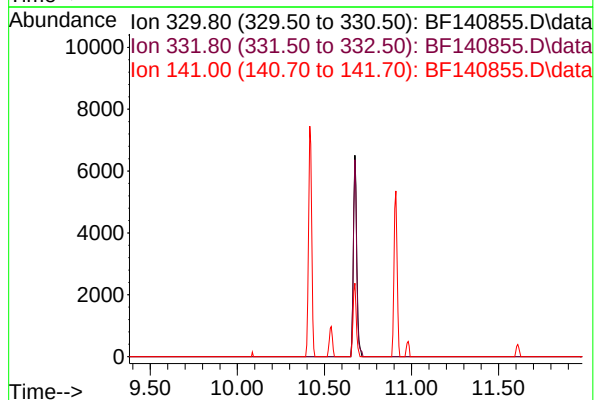
Tgt Ion: 330

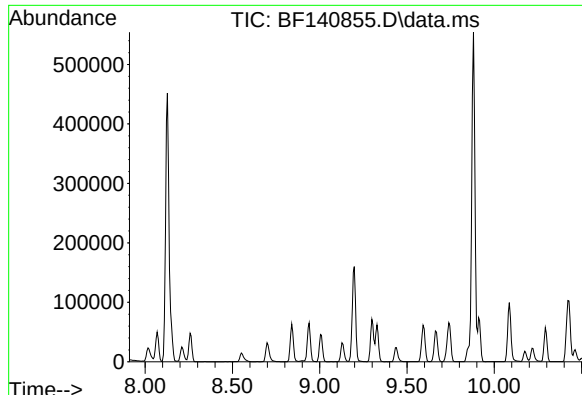
Sig Exp Ratio

330 100

332 95.3

141 31.1





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.20 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

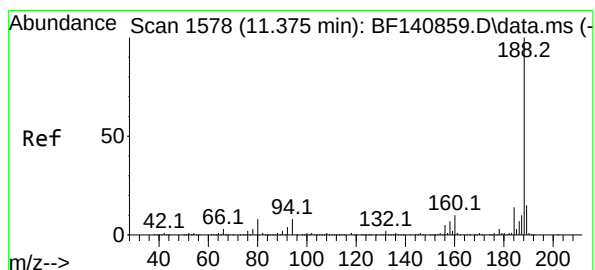
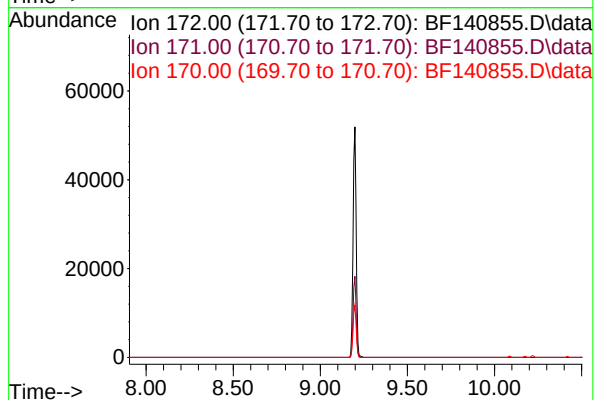
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.5

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

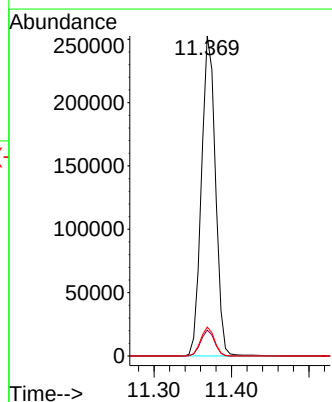
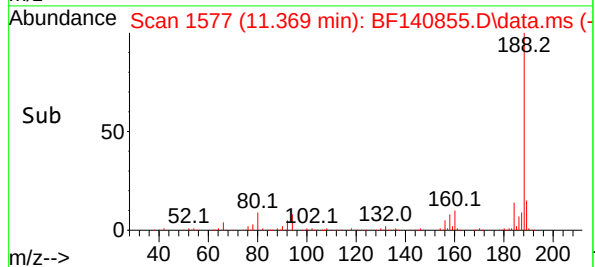
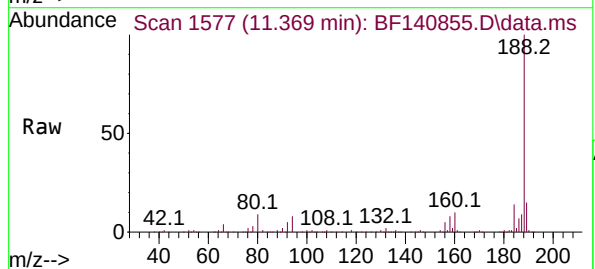
Tgt Ion: 188 Resp: 317916

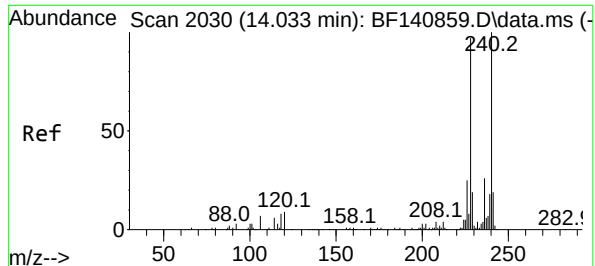
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.0 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF140855.D

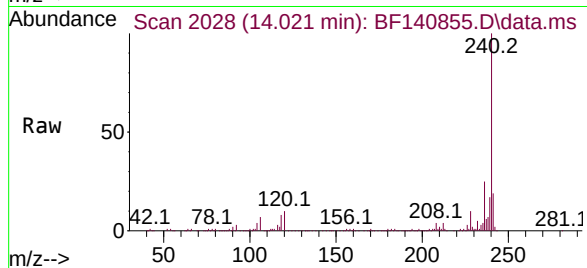
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



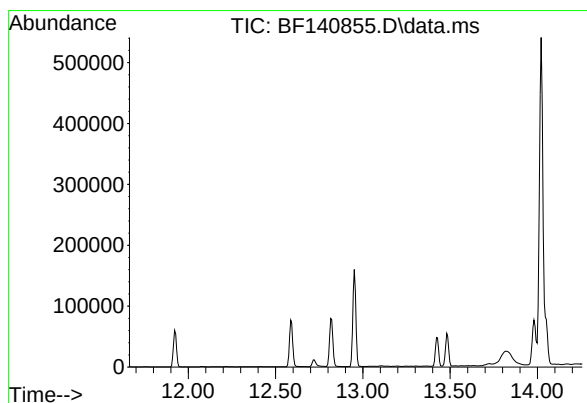
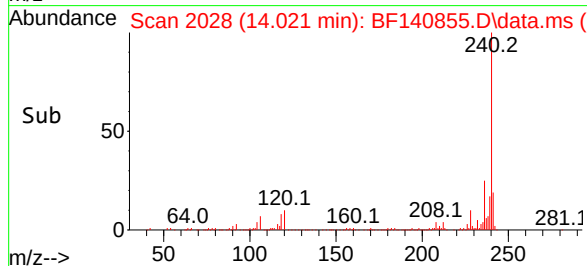
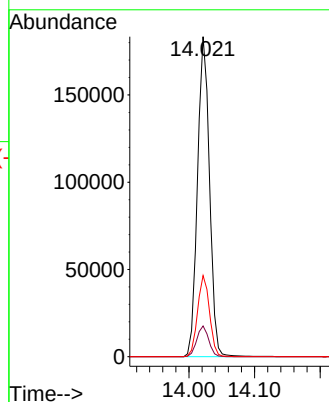
Tgt Ion:240 Resp: 234189

Ion Ratio Lower Upper

240 100

120 9.6 7.6 11.4

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 12.96 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

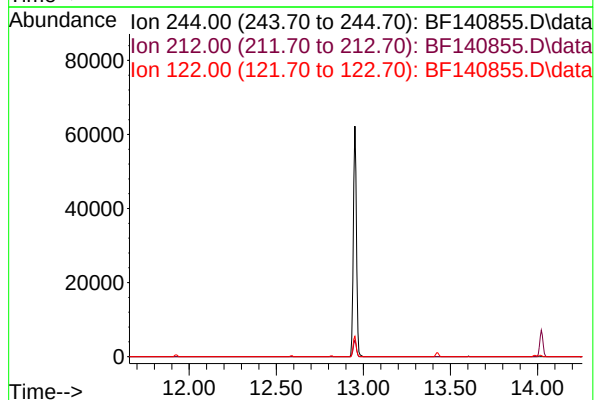
Tgt Ion: 244

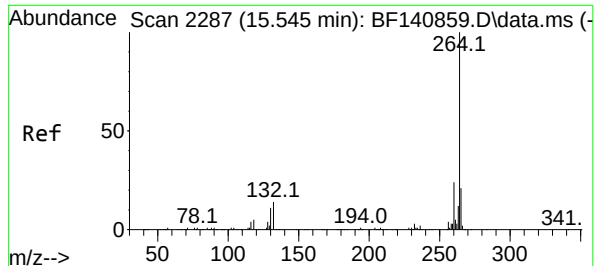
Sig Exp Ratio

244 100

212 7.0

122 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140855.D

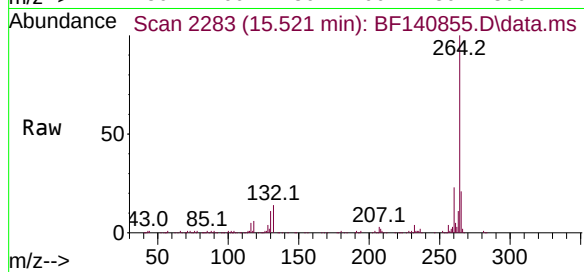
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



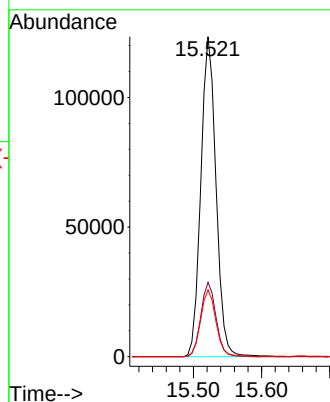
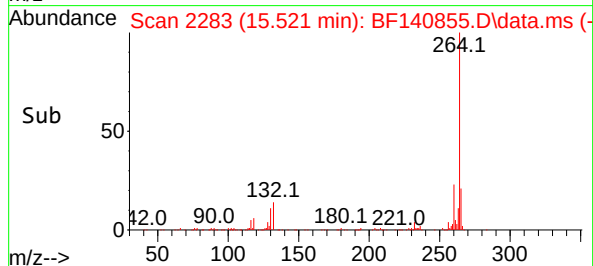
Tgt Ion:264 Resp: 191083

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.9 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140856.D
 Acq On : 16 Dec 2024 12:39
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Dec 16 16:46:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	79655	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	306130	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	181131	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	379227	20.000	ng	0.00
76) Chrysene-d12	14.021	240	302472	20.000	ng	-0.01
86) Perylene-d12	15.527	264	241868	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	48219	9.965	ng	0.00
7) Phenol-d6	6.498	99	67396	10.516	ng	0.00
23) Nitrobenzene-d5	7.410	82	62104	10.150	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	21315	9.950	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	141311	10.726	ng	0.00
79) Terphenyl-d14	12.951	244	204731	10.673	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	10891	5.225	ng	93
3) Pyridine	3.446	79	23956	4.963	ng	98
4) n-Nitrosodimethylamine	3.363	42	11912	4.895	ng	94
6) Aniline	6.516	93	28034	5.116	ng	96
8) 2-Chlorophenol	6.645	128	26751	5.070	ng	97
9) Benzaldehyde	6.410	77	20868	5.876	ng	98
10) Phenol	6.510	94	34967	5.264	ng	90
11) bis(2-Chloroethyl)ether	6.581	93	25426	5.133	ng	97
12) 1,3-Dichlorobenzene	6.787	146	31542	5.246	ng	99
13) 1,4-Dichlorobenzene	6.863	146	32009	5.245	ng	99
14) 1,2-Dichlorobenzene	7.016	146	30294	5.261	ng	97
15) Benzyl Alcohol	6.998	79	22831	4.982	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	31121	5.333	ng	84
17) 2-Methylphenol	7.116	107	21534	5.112	ng	94
18) Hexachloroethane	7.351	117	11948	5.259	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	20518	5.337	ng	99
20) 3+4-Methylphenols	7.275	107	29921	5.356	ng	# 72
22) Acetophenone	7.257	105	40223	5.252	ng	94
24) Nitrobenzene	7.428	77	31964	5.099	ng	99
25) Isophorone	7.669	82	52133	5.085	ng	99
26) 2-Nitrophenol	7.751	139	13994	4.847	ng	99
27) 2,4-Dimethylphenol	7.792	122	16915	5.017	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	32959	5.147	ng	97
29) 2,4-Dichlorophenol	8.010	162	22982	4.937	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	27533	5.160	ng	99
31) Naphthalene	8.145	128	87082	5.179	ng	99
33) 4-Chloroaniline	8.210	127	28431	5.091	ng	97
34) Hexachlorobutadiene	8.263	225	18296	5.096	ng	99
35) Caprolactam	8.551	113	6533	4.714	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	26136	4.989	ng	100
37) 2-Methylnaphthalene	8.839	142	56964	5.121	ng	99
38) 1-Methylnaphthalene	8.939	142	57978	5.270	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	28167	5.059	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	15756	4.622	ng	99
44) 2,4,5-Trichlorophenol	9.186	196	18698	4.990	ng	94
46) 1,1'-Biphenyl	9.298	154	75993	5.276	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140856.D
 Acq On : 16 Dec 2024 12:39
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Dec 16 16:46:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

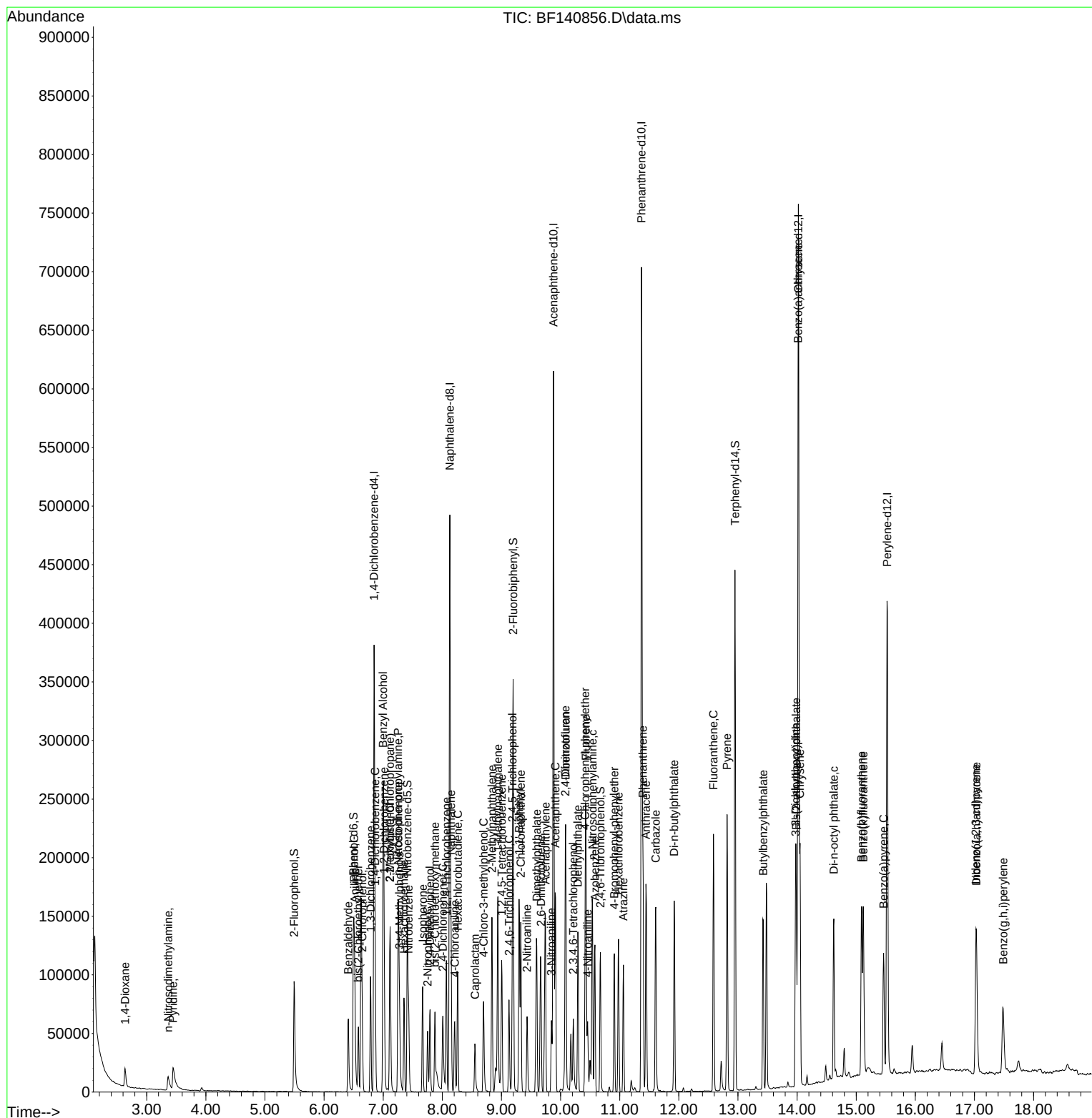
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.328	162	55976	5.080	ng	98
48) 2-Nitroaniline	9.433	65	15829	4.757	ng	98
49) Acenaphthylene	9.745	152	84871	5.241	ng	99
50) Dimethylphthalate	9.598	163	64810	5.075	ng	99
51) 2,6-Dinitrotoluene	9.669	165	14507	4.969	ng	99
52) Acenaphthene	9.910	154	55626	5.378	ng	98
53) 3-Nitroaniline	9.845	138	14583	5.034	ng	95
55) Dibenzofuran	10.086	168	86963	5.426	ng	97
57) 2,4-Dinitrotoluene	10.081	165	19701	5.129	ng	# 91
58) Fluorene	10.428	166	71243	5.388	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	13434	4.400	ng	95
60) Diethylphthalate	10.292	149	70725	5.341	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	35304	5.315	ng	99
62) 4-Nitroaniline	10.457	138	14883	4.916	ng	99
63) Azobenzene	10.580	77	67111	5.391	ng	98
66) n-Nitrosodiphenylamine	10.539	169	60581	5.196	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	21332	5.028	ng	98
68) Hexachlorobenzene	10.980	284	24367	5.066	ng	97
69) Atrazine	11.063	200	18943	5.817	ng	98
71) Phenanthrene	11.392	178	106671	5.470	ng	99
72) Anthracene	11.445	178	103428	5.385	ng	100
73) Carbazole	11.610	167	102961	5.473	ng	99
74) Di-n-butylphthalate	11.922	149	118050	5.347	ng	99
75) Fluoranthene	12.586	202	129330	5.758	ng	99
78) Pyrene	12.816	202	143947	5.352	ng	99
80) Butylbenzylphthalate	13.427	149	49136	4.965	ng	99
81) Benzo(a)anthracene	14.016	228	112964	5.270	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	32405	5.010	ng	98
83) Chrysene	14.051	228	102933	5.280	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	60799	4.764	ng	99
85) Di-n-octyl phthalate	14.621	149	95835	4.964	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	68314	4.526	ng	99
88) Benzo(b)fluoranthene	15.092	252	87940	5.238	ng	100
89) Benzo(k)fluoranthene	15.121	252	79696	5.534	ng	99
90) Benzo(a)pyrene	15.463	252	66476	5.057	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	55222	4.416	ng	98
92) Benzo(g,h,i)perylene	17.486	276	58125	4.567	ng	100

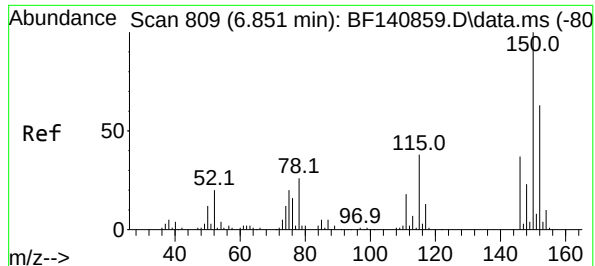
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140856.D
Acq On : 16 Dec 2024 12:39
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Dec 16 16:46:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration

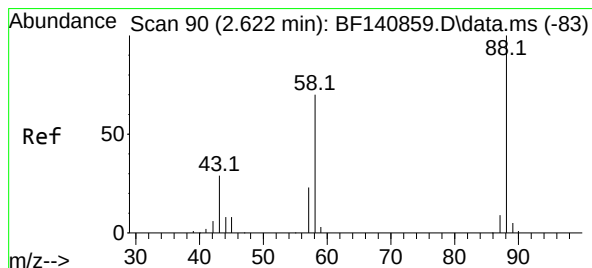
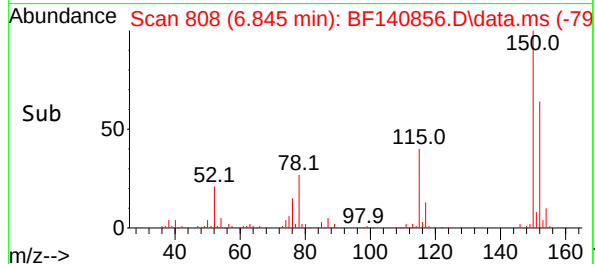
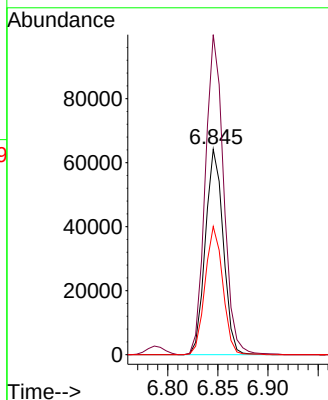
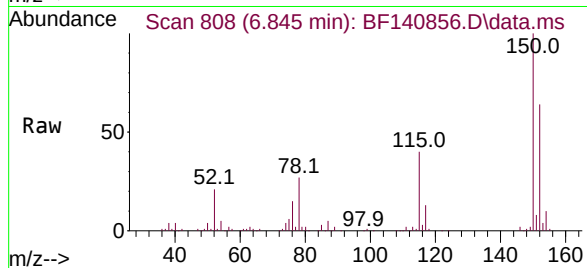




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

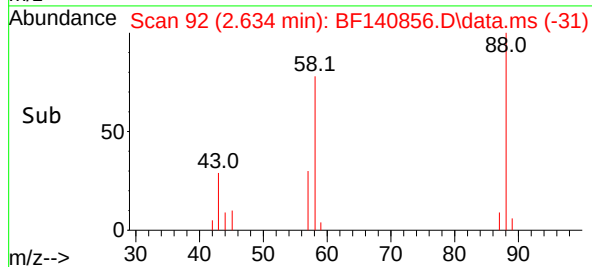
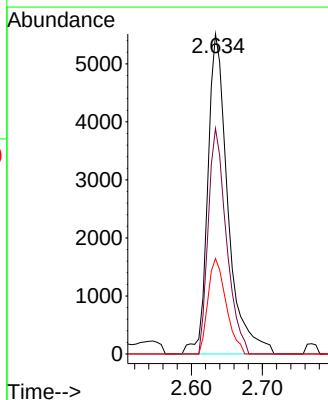
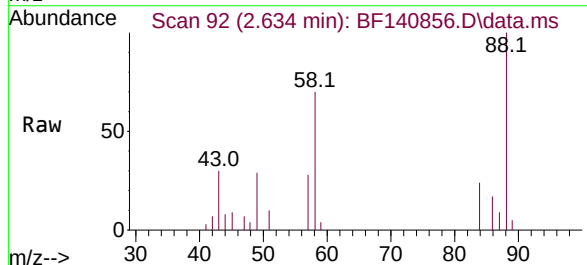
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

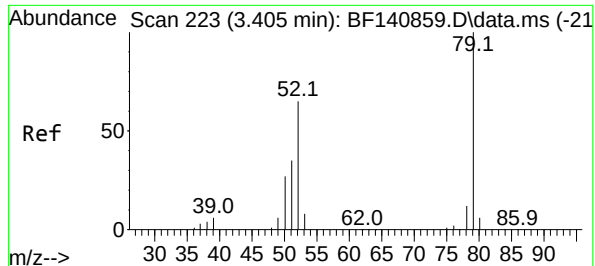
Tgt Ion:152 Resp: 79655
Ion Ratio Lower Upper
152 100
150 155.8 127.9 191.9
115 62.4 48.0 72.0



#2
1,4-Dioxane
Concen: 5.225 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 88 Resp: 10891
Ion Ratio Lower Upper
88 100
58 63.3 55.8 83.8
43 26.6 22.7 34.1





#3

Pyridine

Concen: 4.963 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

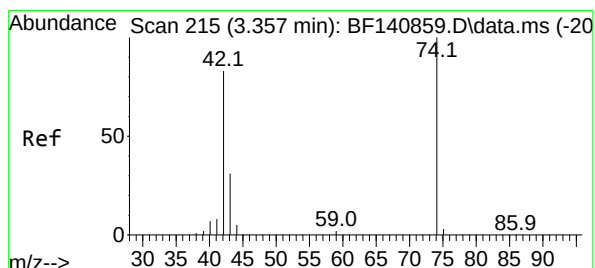
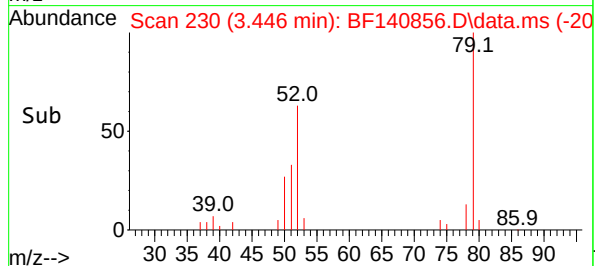
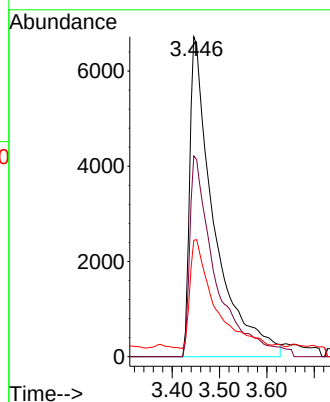
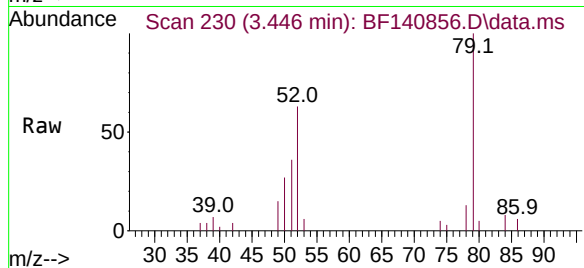
Tgt Ion: 79 Resp: 23956

Ion Ratio Lower Upper

79 100

52 62.7 51.7 77.5

51 36.4 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 4.895 ng

RT: 3.363 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

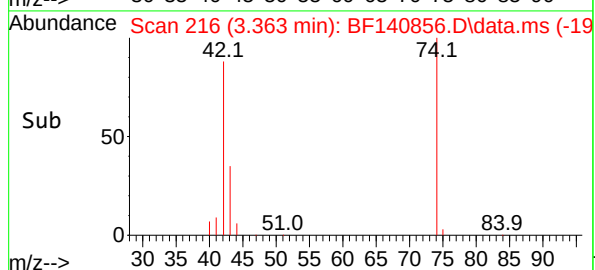
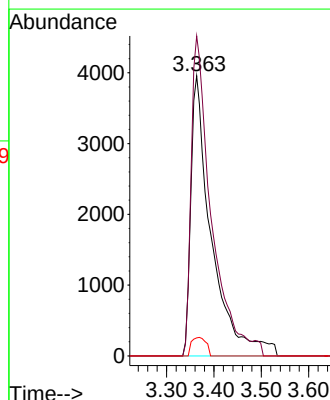
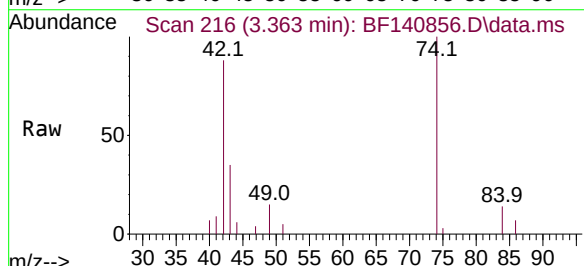
Tgt Ion: 42 Resp: 11912

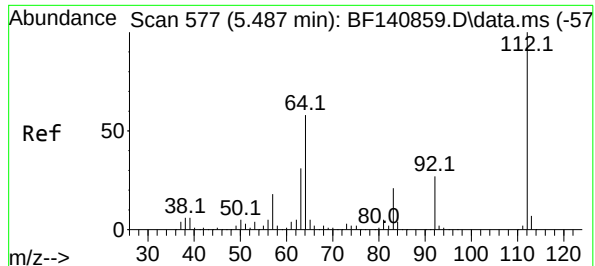
Ion Ratio Lower Upper

42 100

74 114.2 96.9 145.3

44 6.5 4.4 6.6

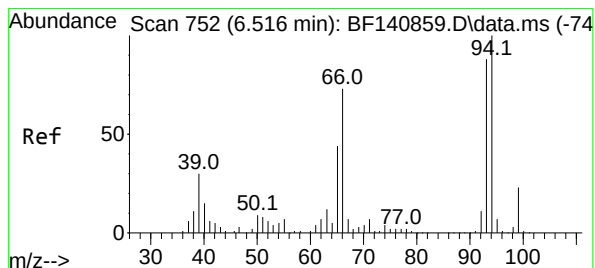
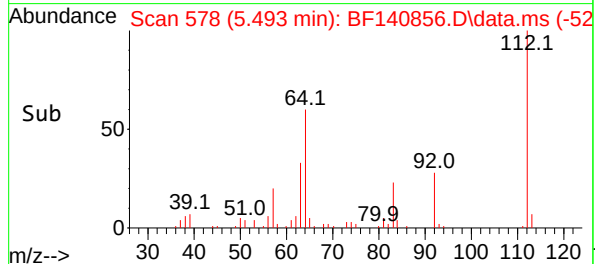
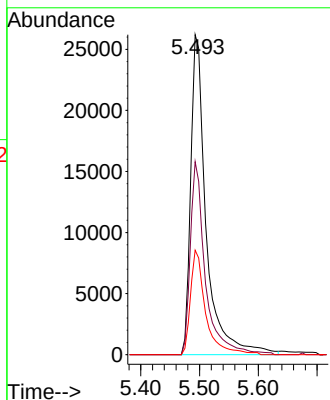
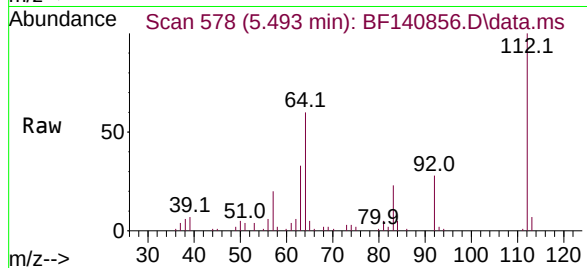




#5
2-Fluorophenol
Concen: 9.965 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

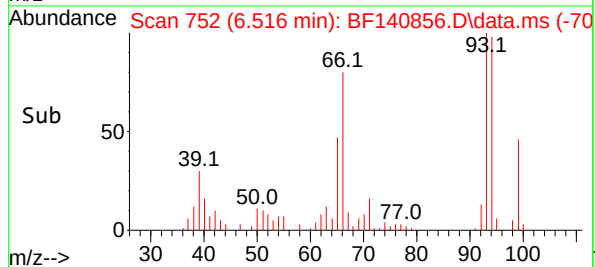
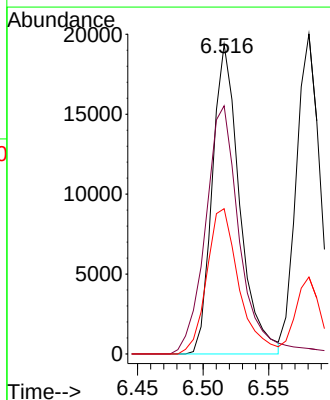
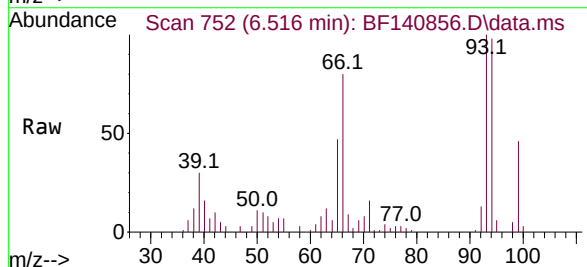
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

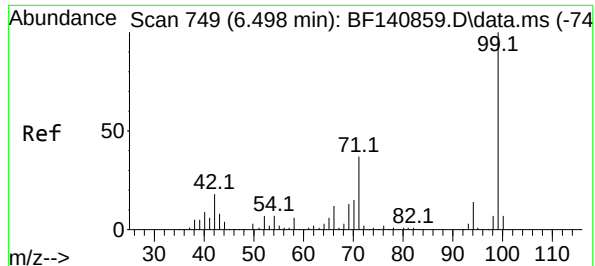
Tgt Ion:112 Resp: 48219
Ion Ratio Lower Upper
112 100
64 60.3 46.1 69.1
63 32.6 24.9 37.3



#6
Aniline
Concen: 5.116 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 93 Resp: 28034
Ion Ratio Lower Upper
93 100
66 80.1 67.0 100.4
65 46.9 40.4 60.6





#7

Phenol-d6

Concen: 10.516 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

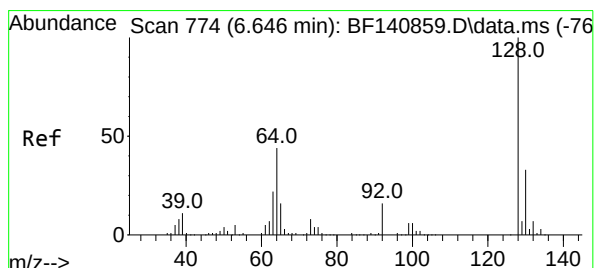
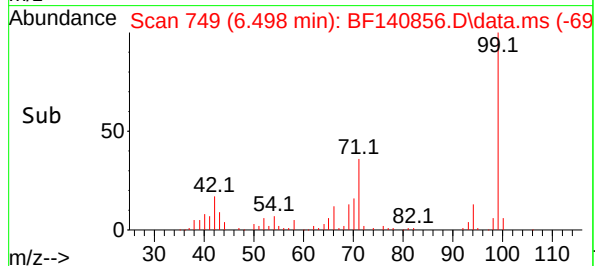
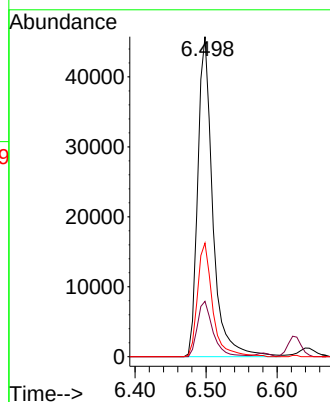
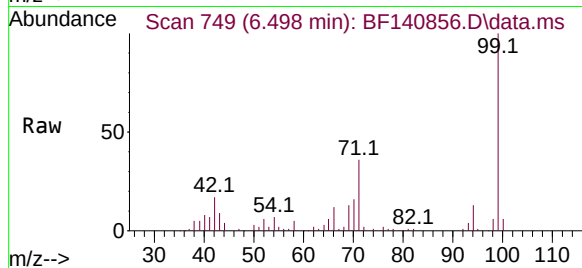
Tgt Ion: 99 Resp: 67396

Ion Ratio Lower Upper

99 100

42 17.3 14.3 21.5

71 35.5 29.9 44.9



#8

2-Chlorophenol

Concen: 5.070 ng

RT: 6.645 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

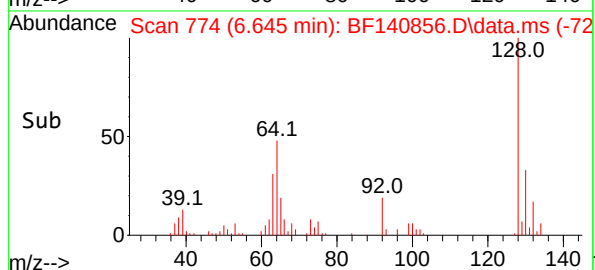
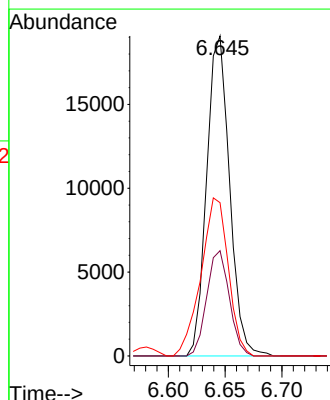
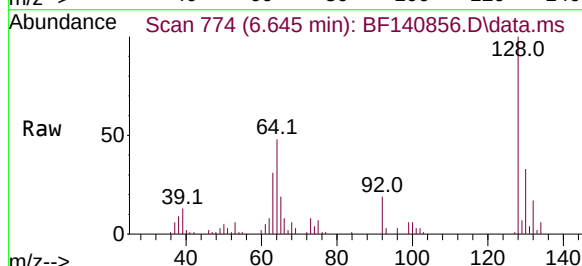
Tgt Ion: 128 Resp: 26751

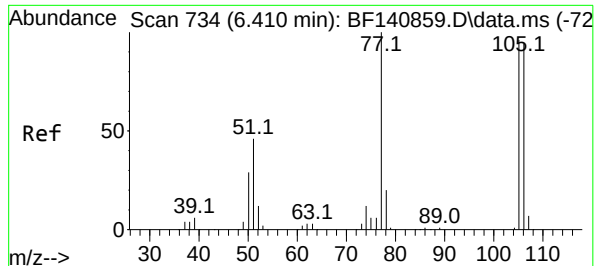
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 47.9 24.3 64.3





#9

Benzaldehyde

Concen: 5.876 ng

RT: 6.410 min Scan# 710

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

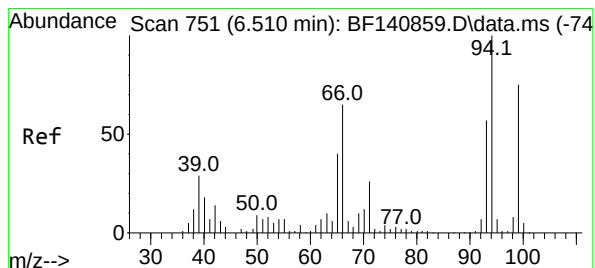
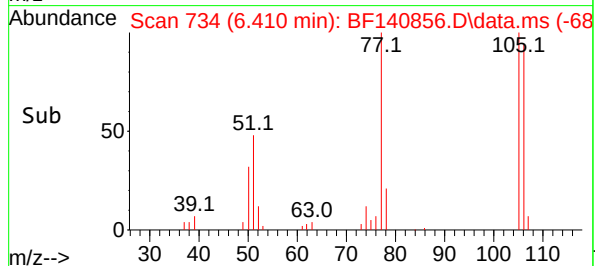
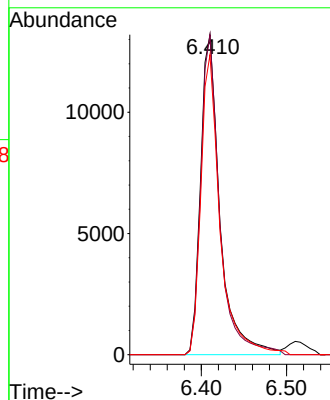
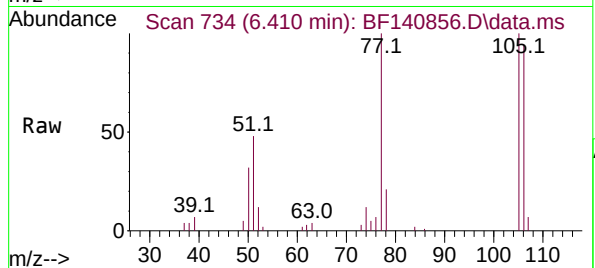
Tgt Ion: 77 Resp: 20868

Ion Ratio Lower Upper

77 100

105 99.9 75.8 115.8

106 93.8 74.1 114.1



#10

Phenol

Concen: 5.264 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

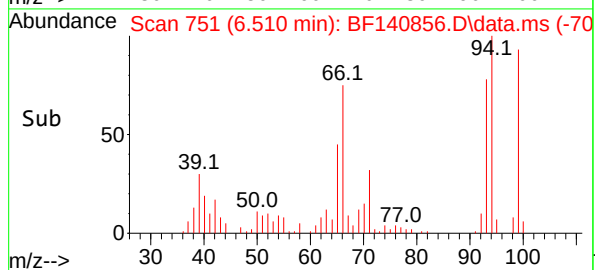
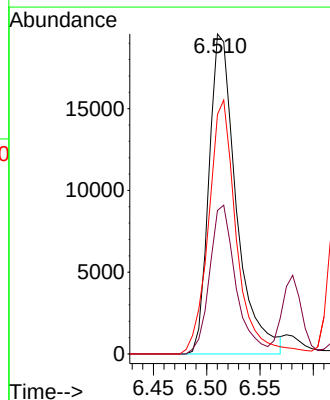
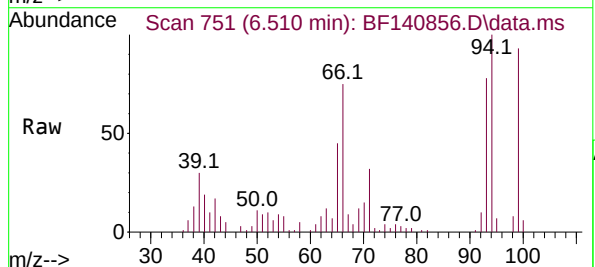
Tgt Ion: 94 Resp: 34967

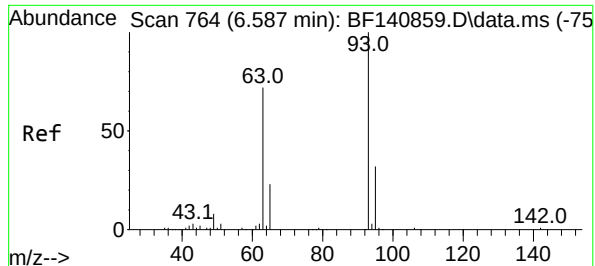
Ion Ratio Lower Upper

94 100

65 44.9 19.9 59.9

66 74.9 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 5.133 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

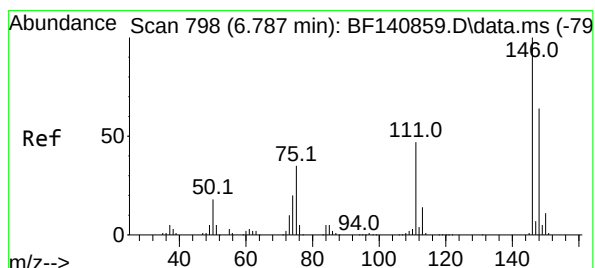
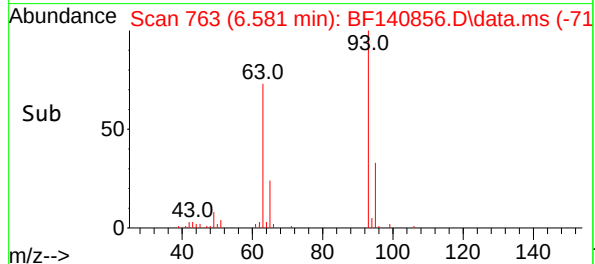
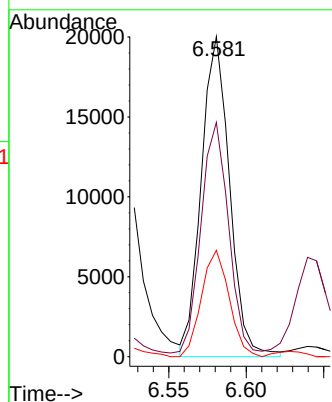
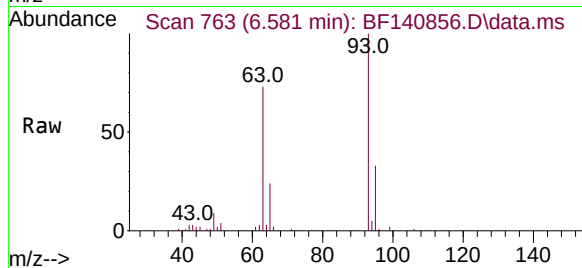
Tgt Ion: 93 Resp: 25426

Ion Ratio Lower Upper

93 100

63 73.2 51.0 91.0

95 33.3 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 5.246 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

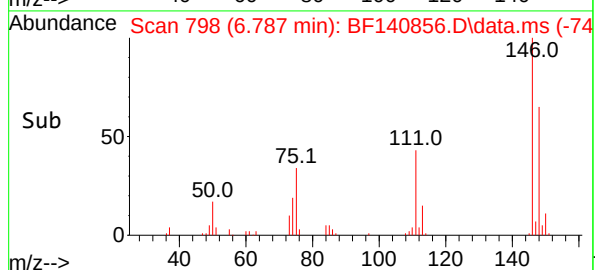
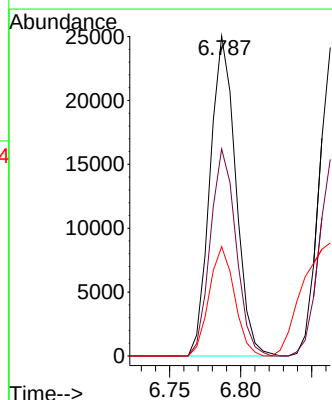
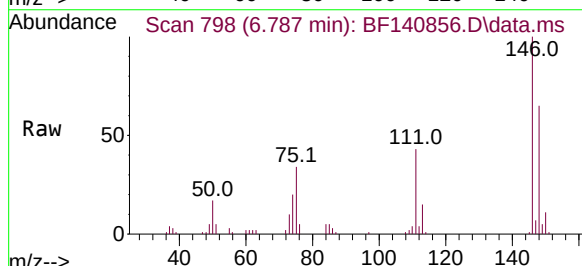
Tgt Ion: 146 Resp: 31542

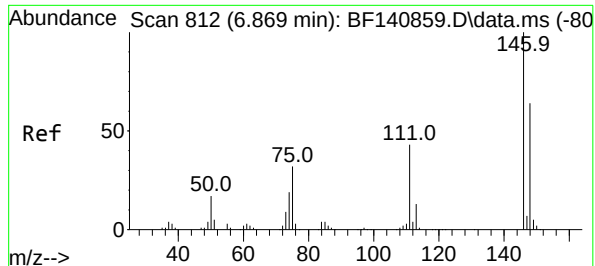
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.6

75 34.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 5.245 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

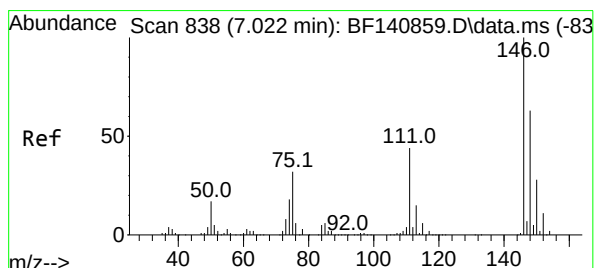
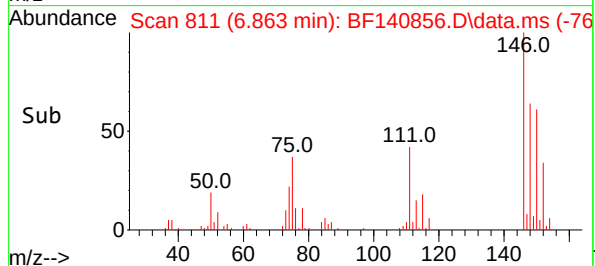
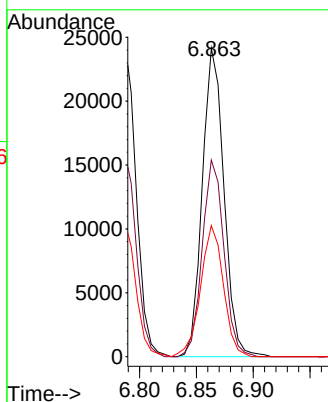
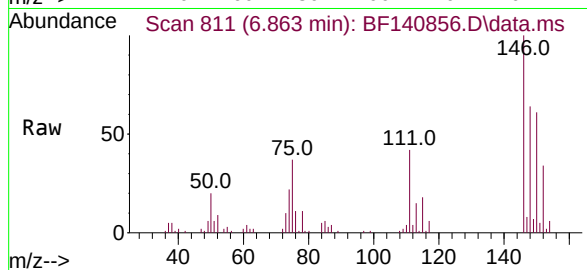
Tgt Ion:146 Resp: 32009

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 42.5 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 5.261 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

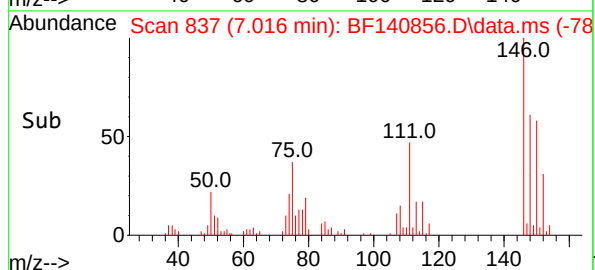
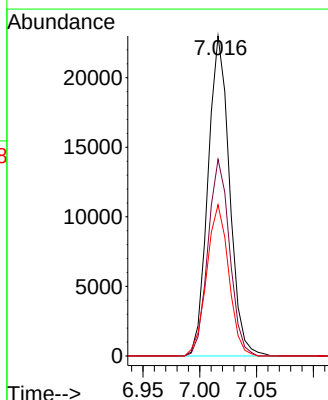
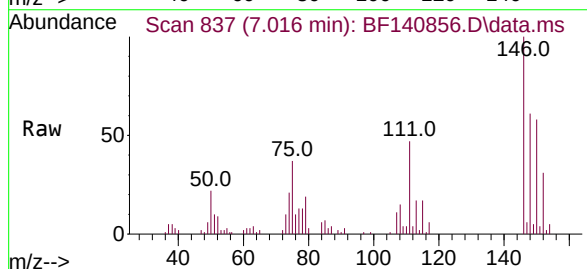
Tgt Ion:146 Resp: 30294

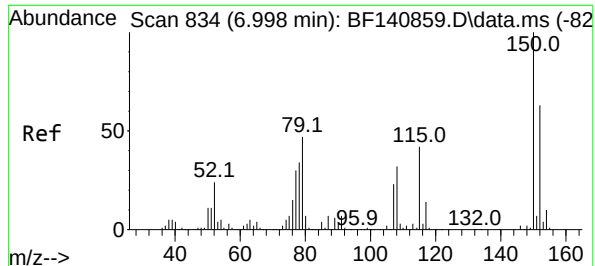
Ion Ratio Lower Upper

146 100

148 61.5 50.0 75.0

111 47.2 35.6 53.4





#15

Benzyl Alcohol

Concen: 4.982 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

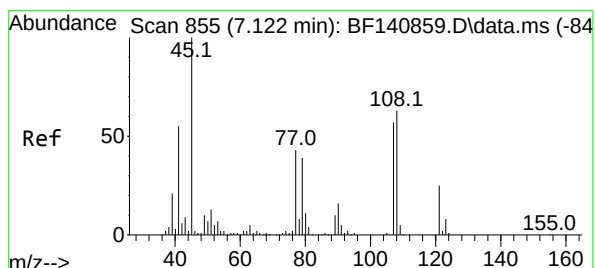
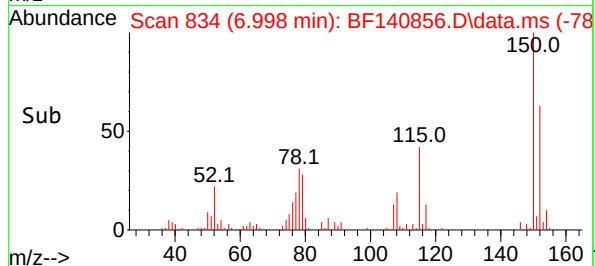
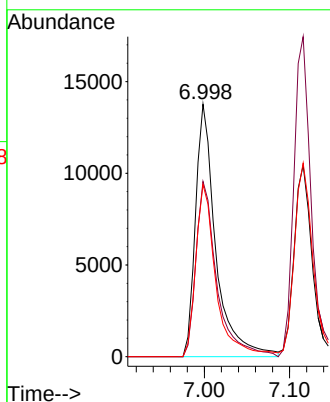
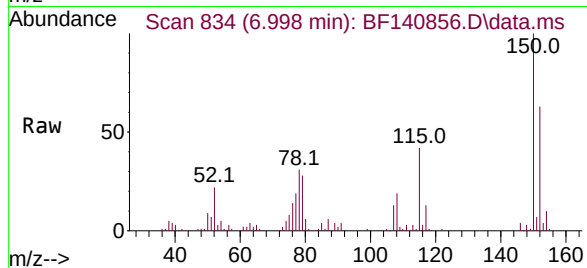
Tgt Ion: 79 Resp: 22831

Ion Ratio Lower Upper

79 100

108 69.4 55.1 82.7

77 68.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.333 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

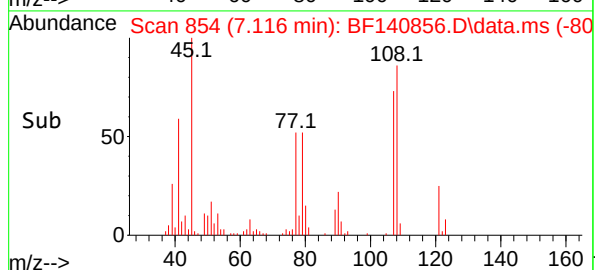
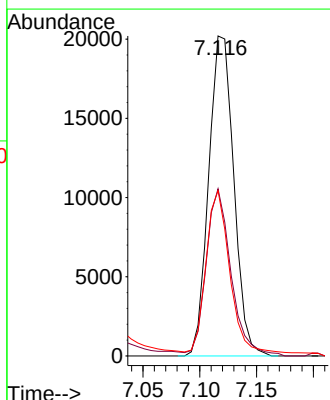
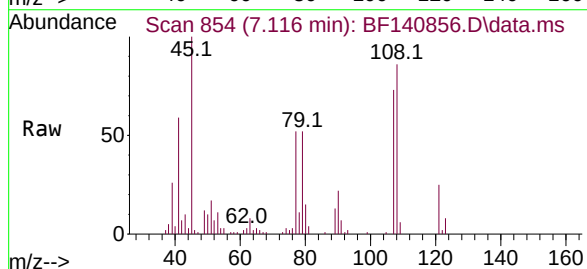
Tgt Ion: 45 Resp: 31121

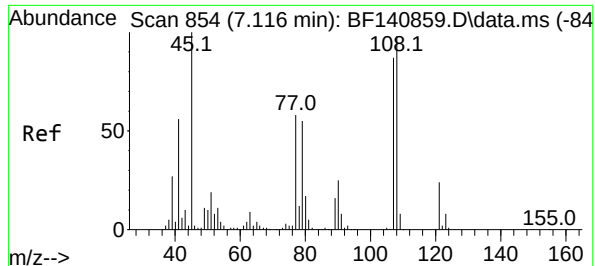
Ion Ratio Lower Upper

45 100

77 52.3 23.3 63.3

79 51.7 20.0 60.0

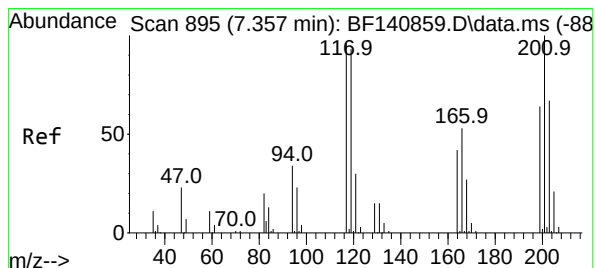
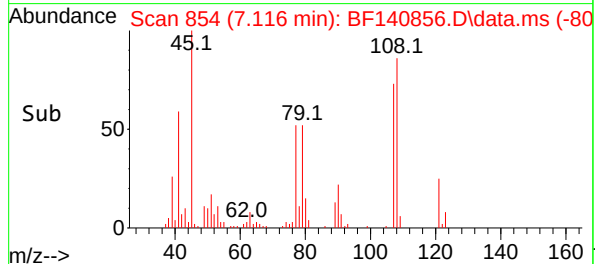
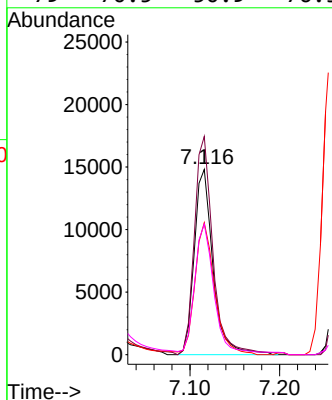
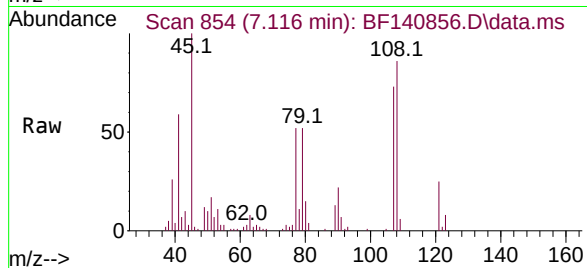




#17
2-Methylphenol
Concen: 5.112 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

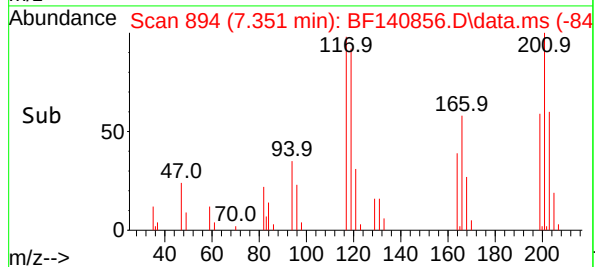
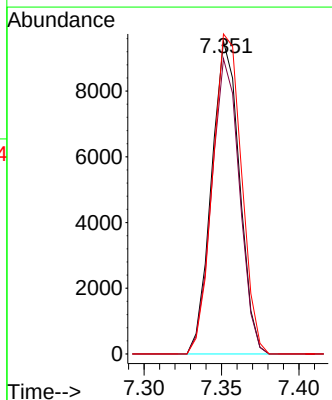
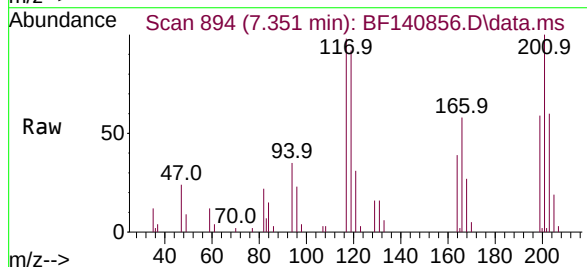
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

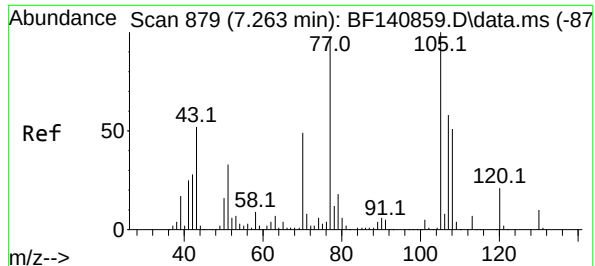
Tgt Ion:	107	Resp:	21534
Ion	Ratio	Lower	Upper
107	100		
108	117.8	90.2	135.4
77	71.3	53.8	80.6
79	70.5	50.9	76.3



#18
Hexachloroethane
Concen: 5.259 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:	117	Resp:	11948
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	102.3	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 5.337 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 20518

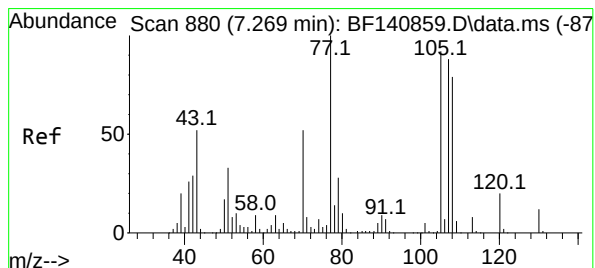
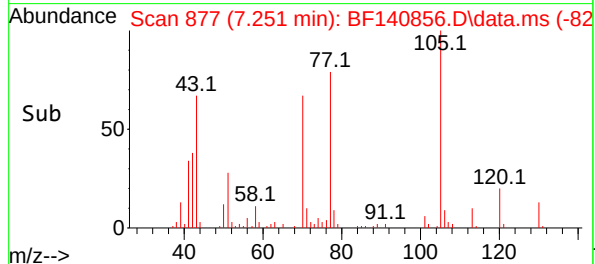
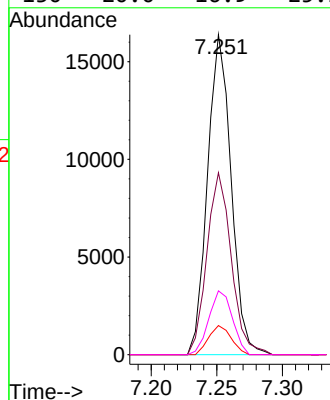
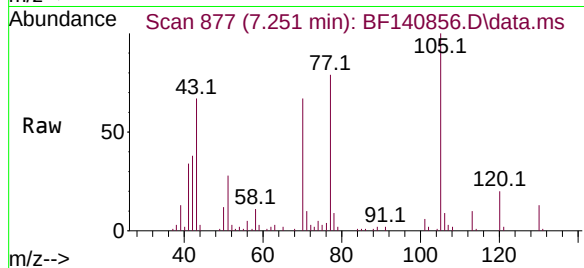
Ion Ratio Lower Upper

70 100

42 56.9 45.3 67.9

101 9.1 8.0 12.0

130 20.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 5.356 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Tgt Ion:107 Resp: 29921

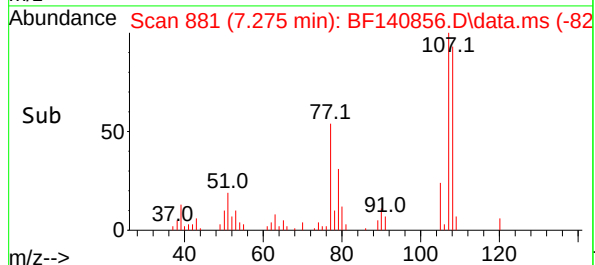
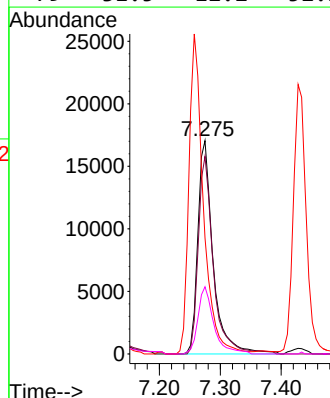
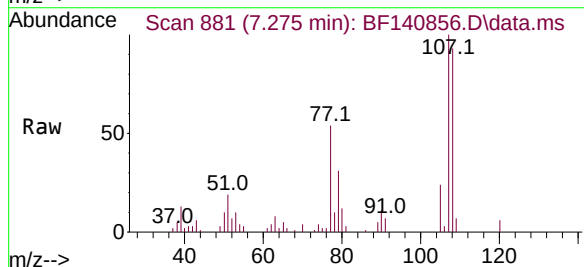
Ion Ratio Lower Upper

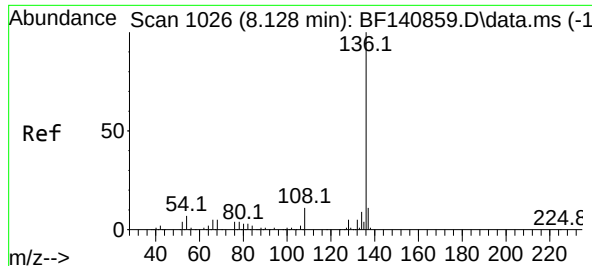
107 100

108 92.6 70.1 110.1

77 54.4 94.4 134.4#

79 31.5 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 306130

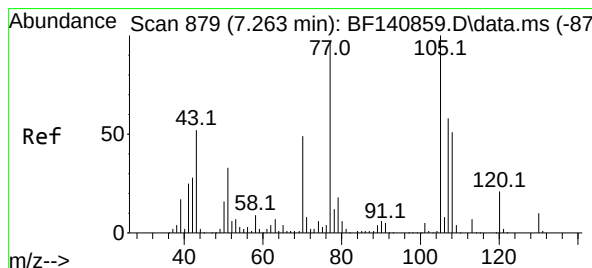
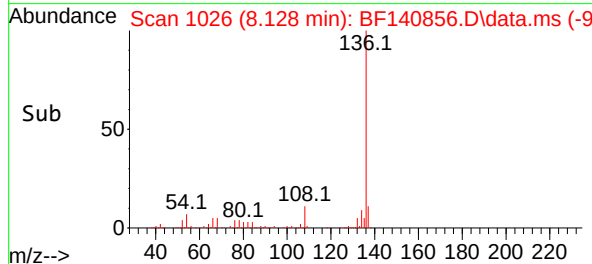
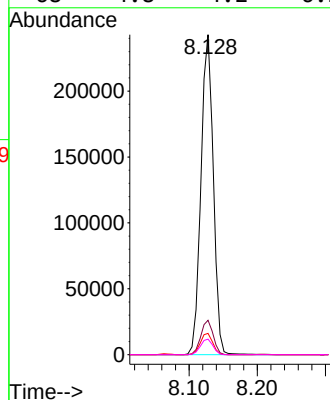
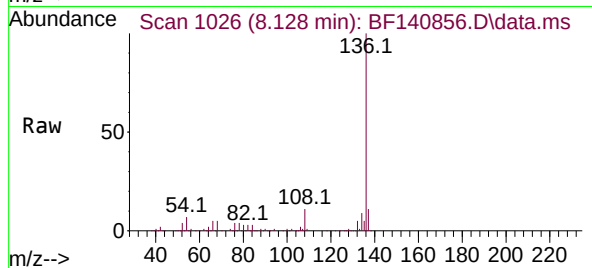
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.7 5.6 8.4

68 4.8 4.2 6.2



#22

Acetophenone

Concen: 5.252 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Tgt Ion:105 Resp: 40223

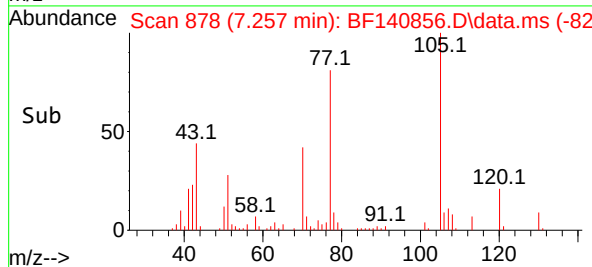
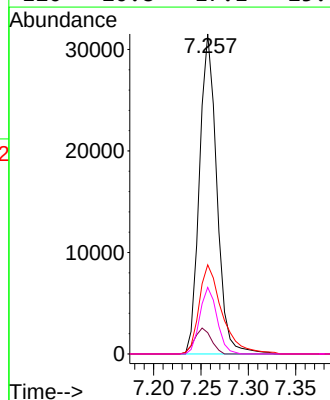
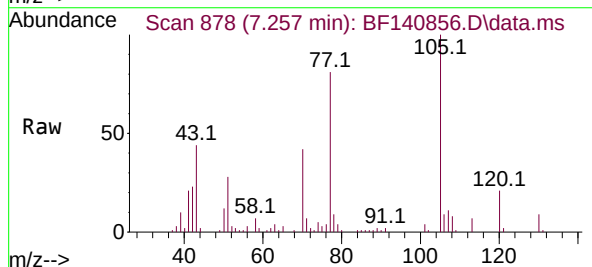
Ion Ratio Lower Upper

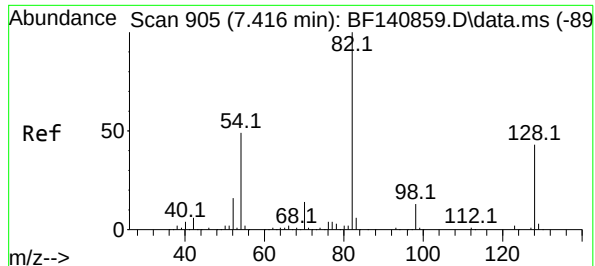
105 100

71 6.6 6.2 9.4

51 27.9 26.3 39.5

120 20.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 10.150 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

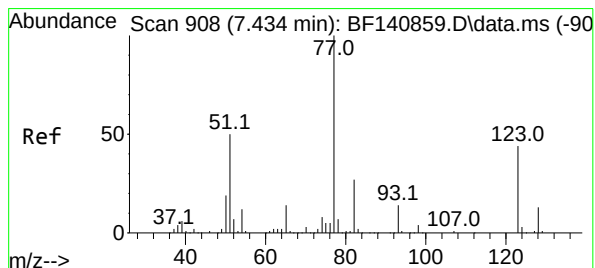
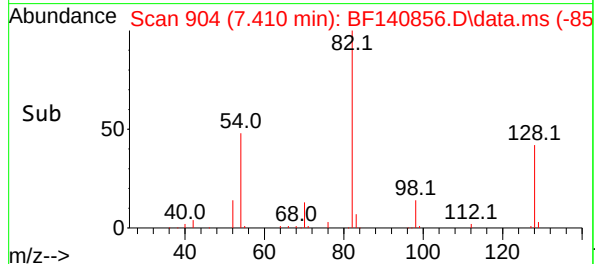
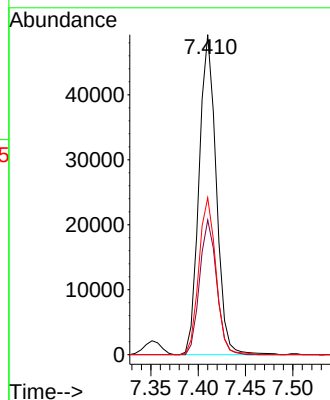
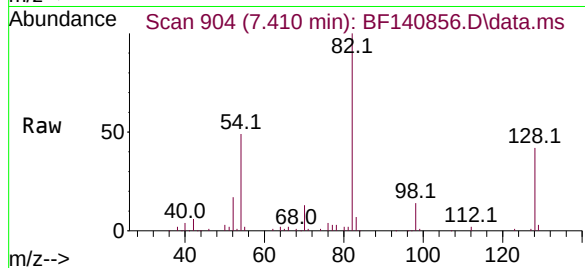
Tgt Ion: 82 Resp: 62104

Ion Ratio Lower Upper

82 100

128 42.1 34.4 51.6

54 49.1 38.8 58.2



#24

Nitrobenzene

Concen: 5.099 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

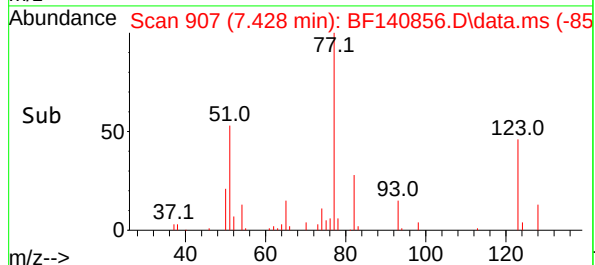
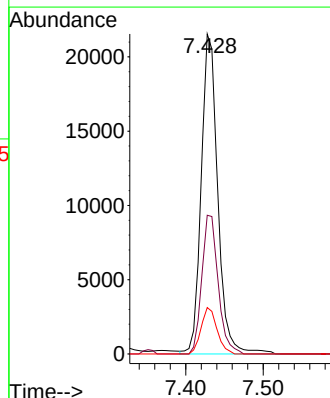
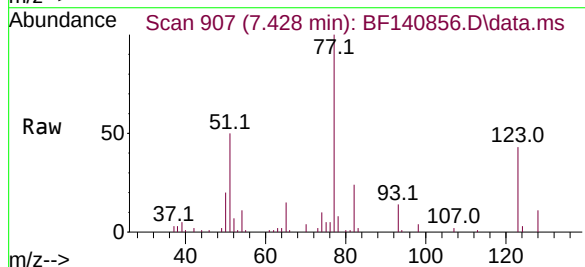
Tgt Ion: 77 Resp: 31964

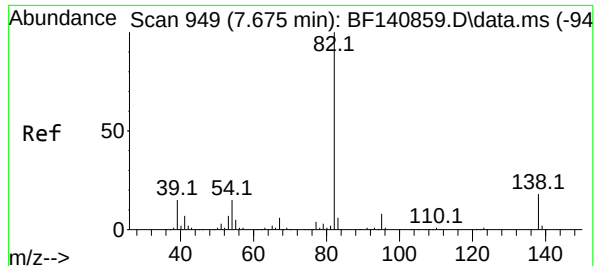
Ion Ratio Lower Upper

77 100

123 43.3 35.0 52.4

65 14.5 11.4 17.0





#25

Isophorone

Concen: 5.085 ng

RT: 7.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

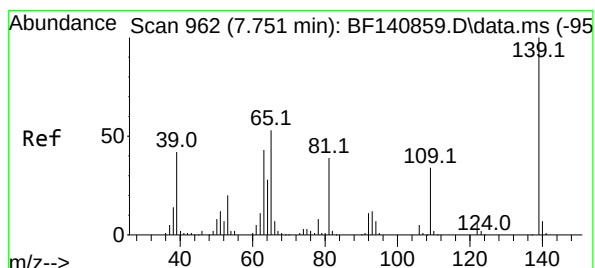
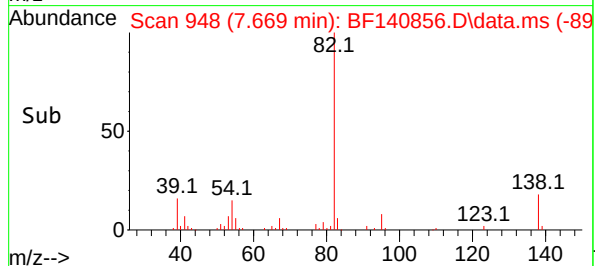
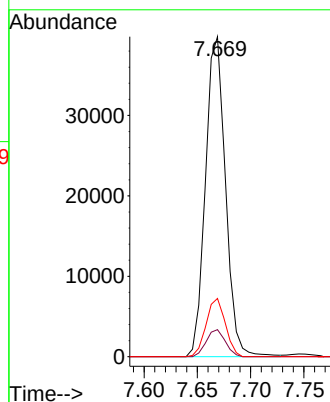
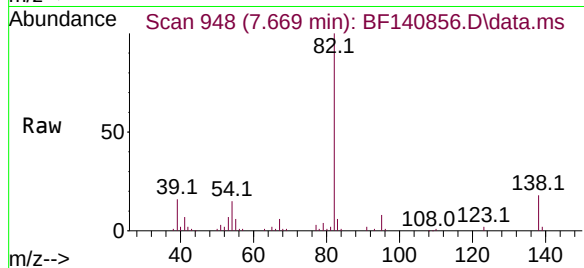
Tgt Ion: 82 Resp: 52133

Ion Ratio Lower Upper

82 100

95 8.4 6.3 9.5

138 18.2 14.1 21.1



#26

2-Nitrophenol

Concen: 4.847 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

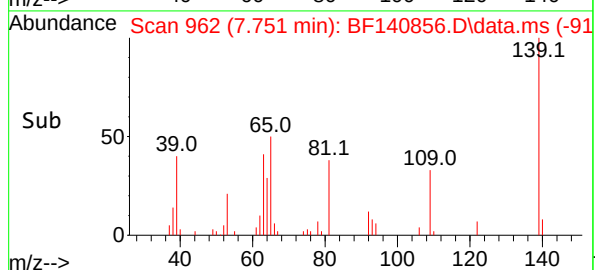
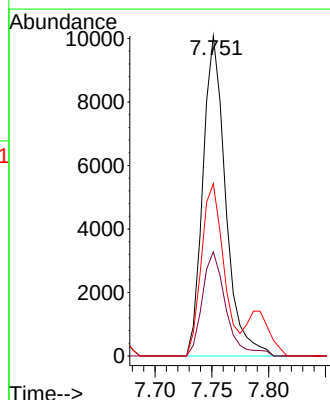
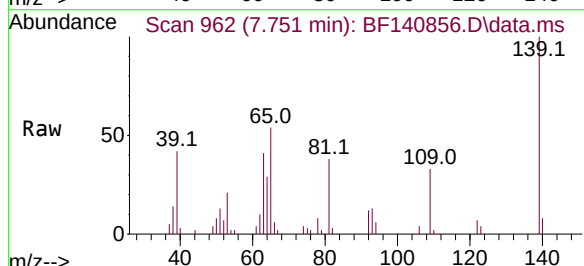
Tgt Ion:139 Resp: 13994

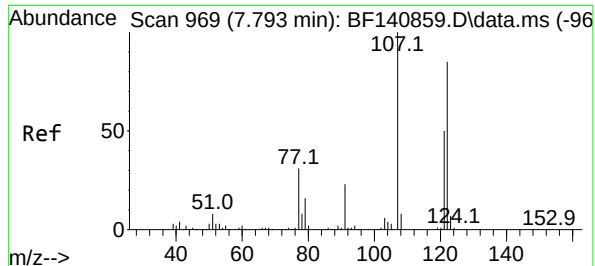
Ion Ratio Lower Upper

139 100

109 32.5 26.9 40.3

65 53.8 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 5.017 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

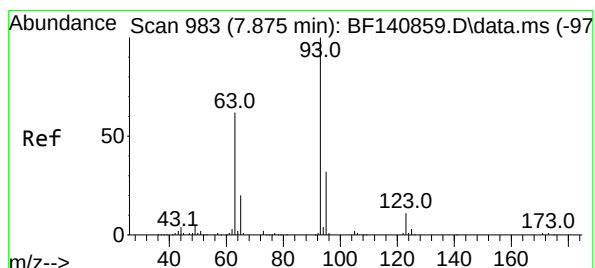
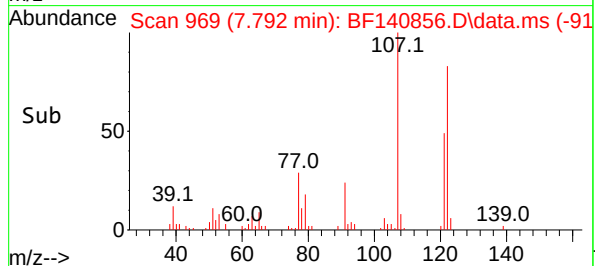
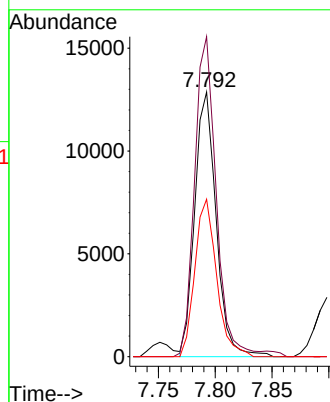
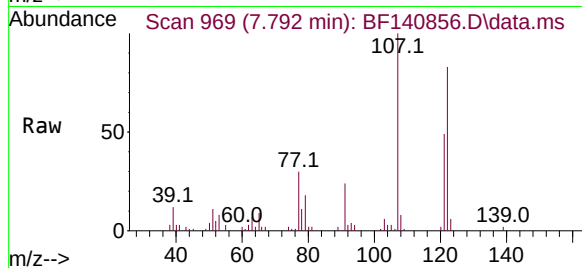
Tgt Ion:122 Resp: 16915

Ion Ratio Lower Upper

122 100

107 120.9 92.6 139.0

121 59.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.147 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

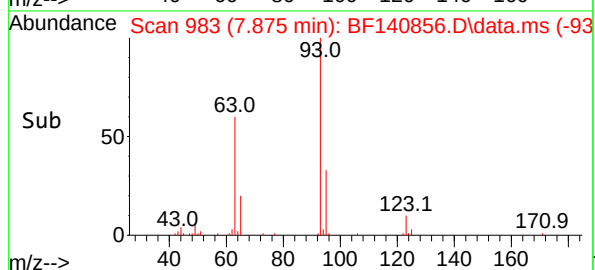
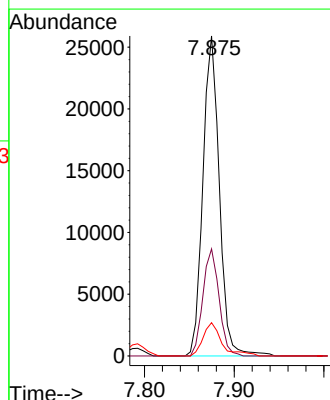
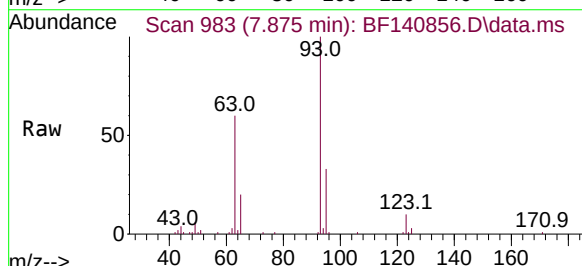
Tgt Ion: 93 Resp: 32959

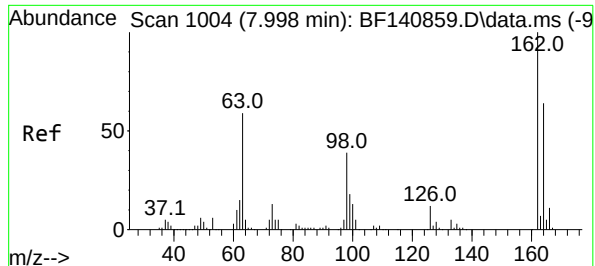
Ion Ratio Lower Upper

93 100

95 33.4 25.3 37.9

123 10.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 4.937 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.012 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

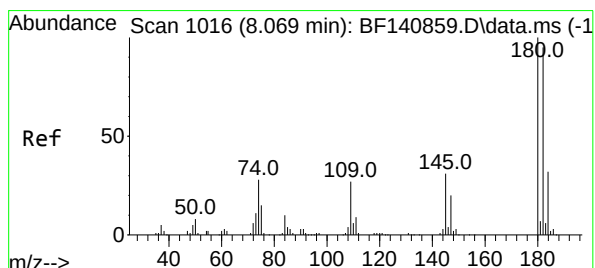
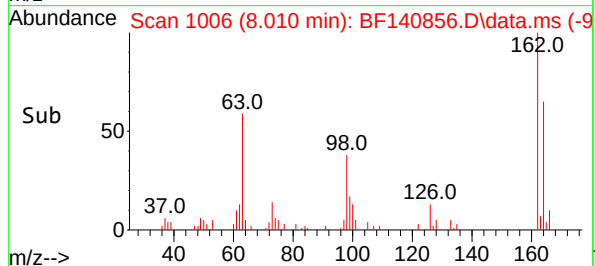
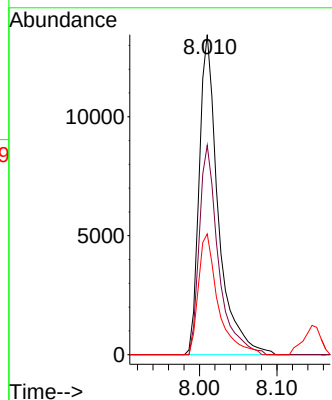
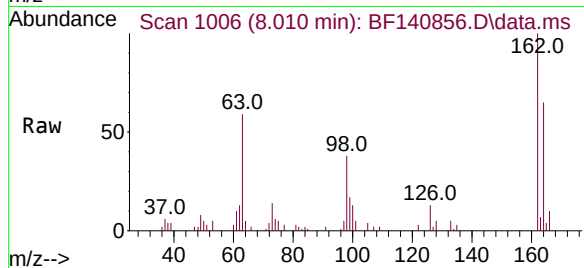
Tgt Ion:162 Resp: 22982

Ion Ratio Lower Upper

162 100

164 65.4 43.7 83.7

98 37.8 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 5.160 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

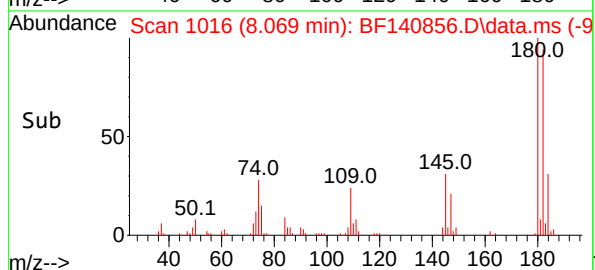
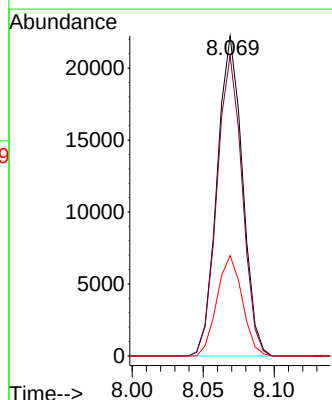
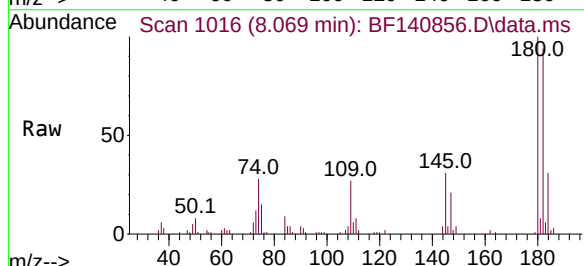
Tgt Ion:180 Resp: 27533

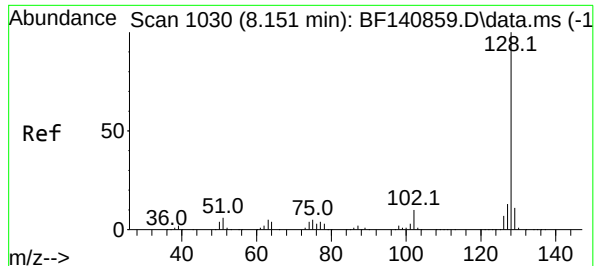
Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

145 31.4 25.2 37.8





#31

Naphthalene

Concen: 5.179 ng

RT: 8.145 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

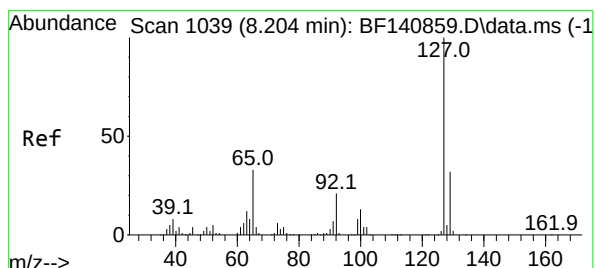
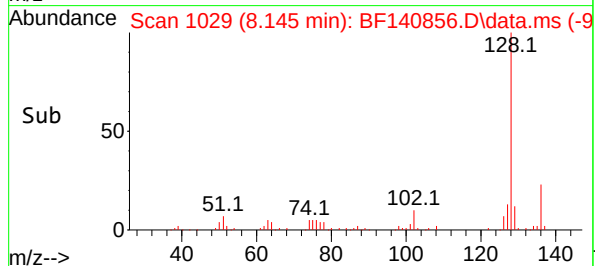
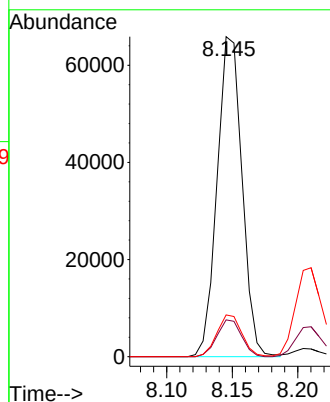
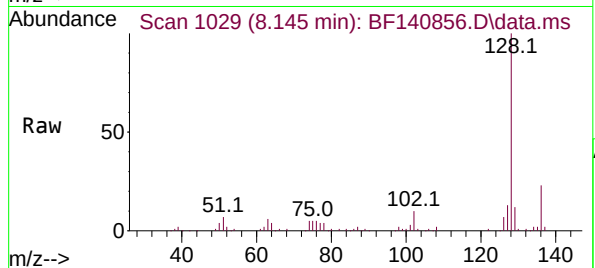
Tgt Ion:128 Resp: 87082

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.1 10.6 16.0



#33

4-Chloroaniline

Concen: 5.091 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Tgt Ion:127 Resp: 28431

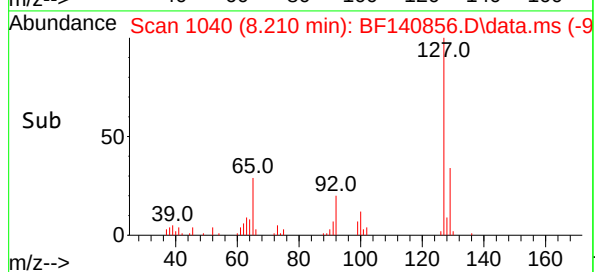
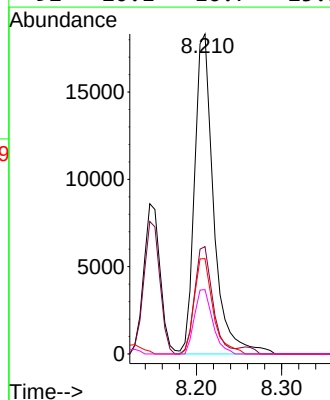
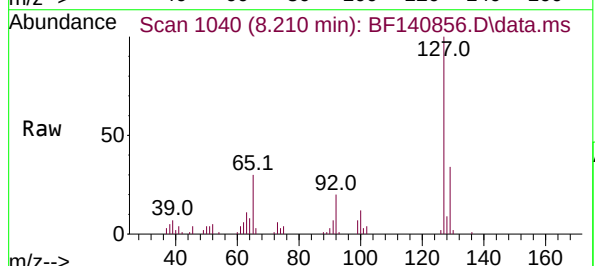
Ion Ratio Lower Upper

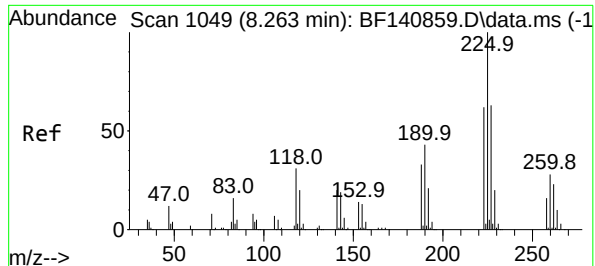
127 100

129 33.5 26.0 39.0

65 29.8 26.0 39.0

92 20.1 16.7 25.1





#34

Hexachlorobutadiene

Concen: 5.096 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

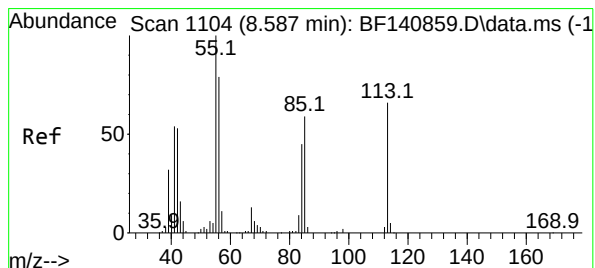
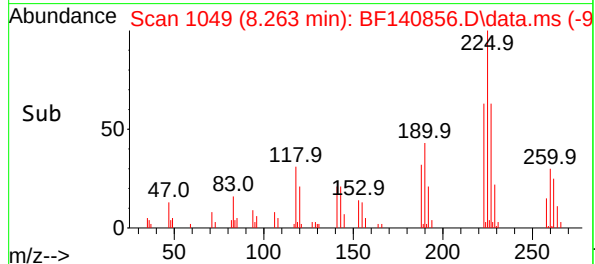
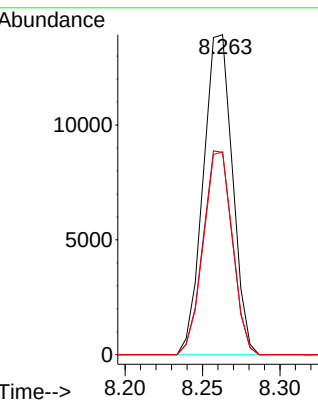
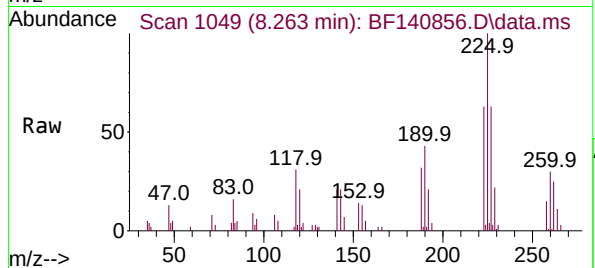
Tgt Ion:225 Resp: 18296

Ion Ratio Lower Upper

225 100

223 63.2 49.6 74.4

227 63.4 50.7 76.1



#35

Caprolactam

Concen: 4.714 ng

RT: 8.551 min Scan# 1098

Delta R.T. -0.035 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

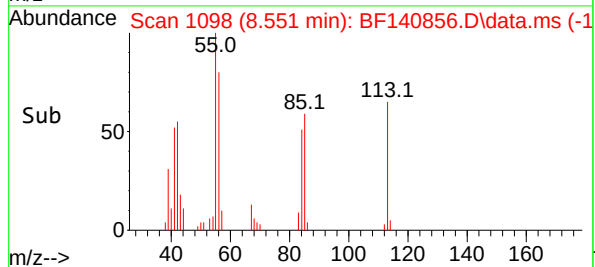
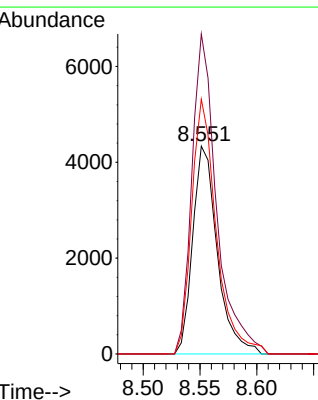
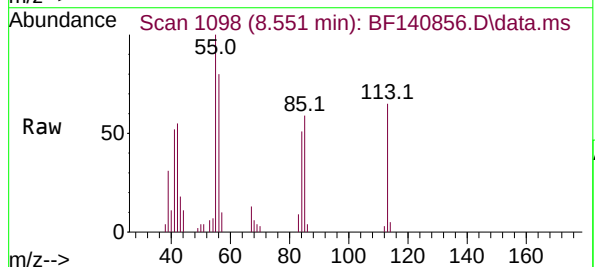
Tgt Ion:113 Resp: 6533

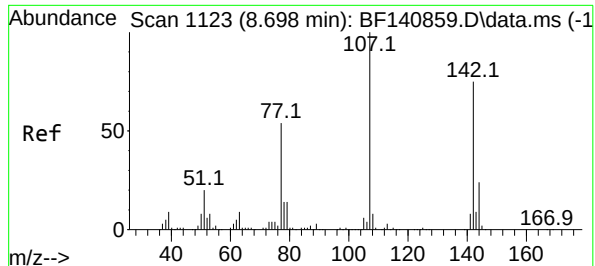
Ion Ratio Lower Upper

113 100

55 153.9 132.3 172.3

56 122.5 100.3 140.3

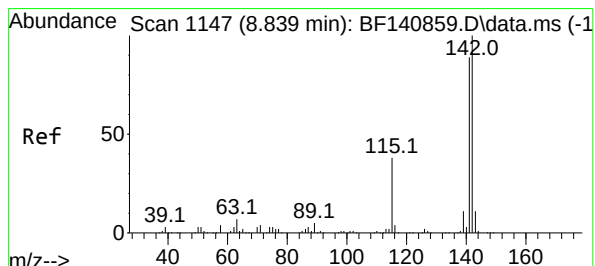
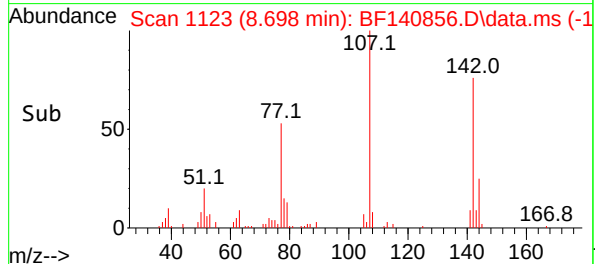
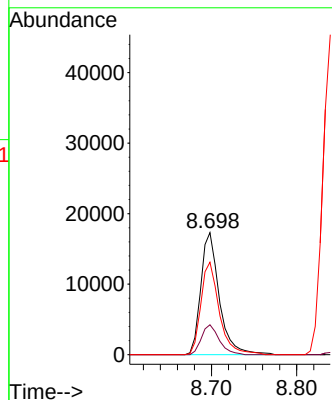
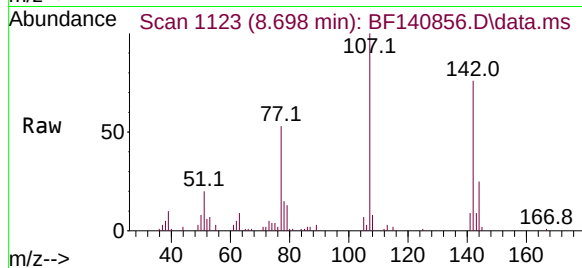




#36
4-Chloro-3-methylphenol
Concen: 4.989 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

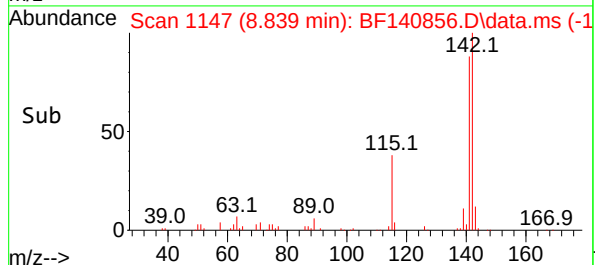
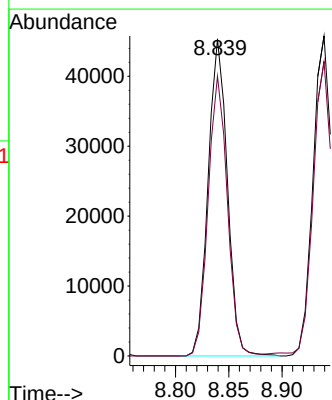
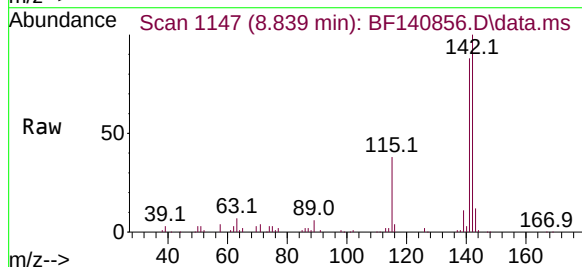
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

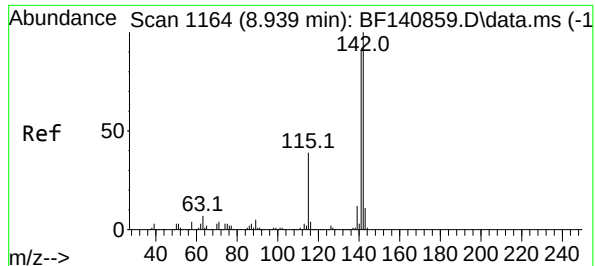
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	75.8	60.3	90.5



#37
2-Methylnaphthalene
Concen: 5.121 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6





#38

1-Methylnaphthalene

Concen: 5.270 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

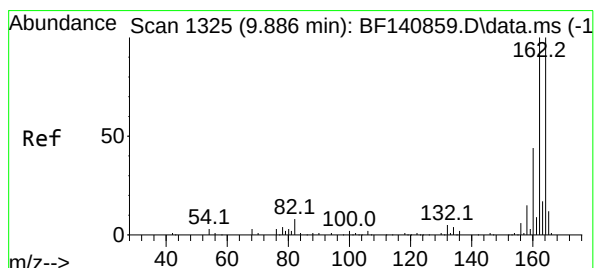
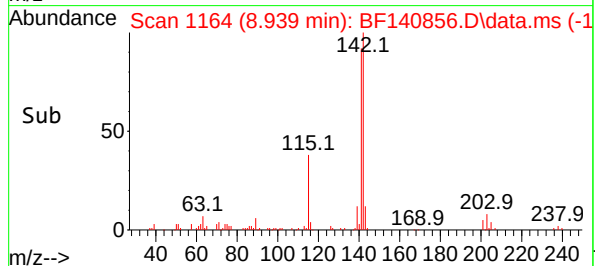
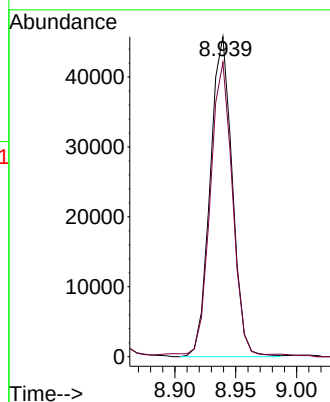
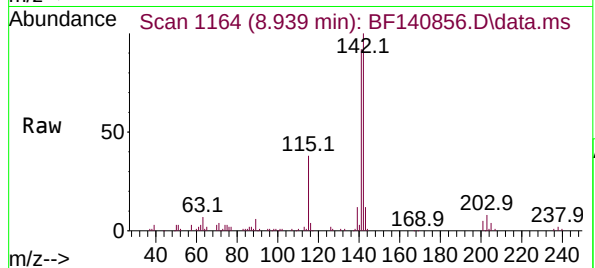
SSTDICC005

Tgt Ion:142 Resp: 57978

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

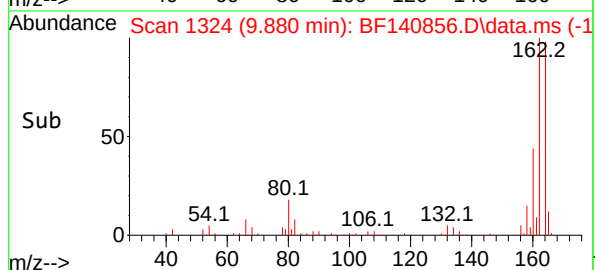
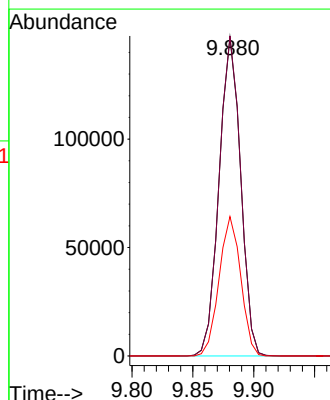
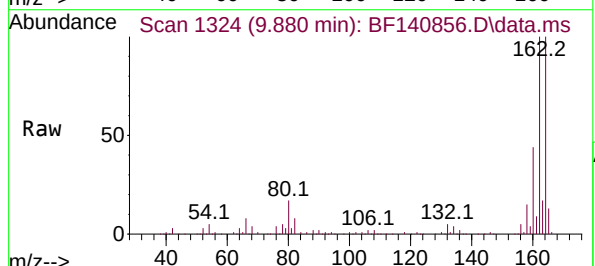
Tgt Ion:164 Resp: 181131

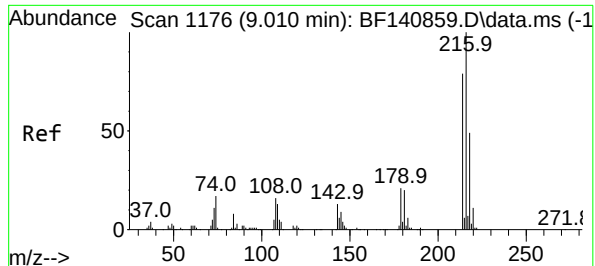
Ion Ratio Lower Upper

164 100

162 100.5 79.9 119.9

160 43.8 35.2 52.8

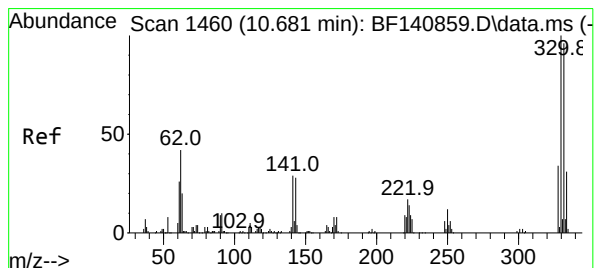
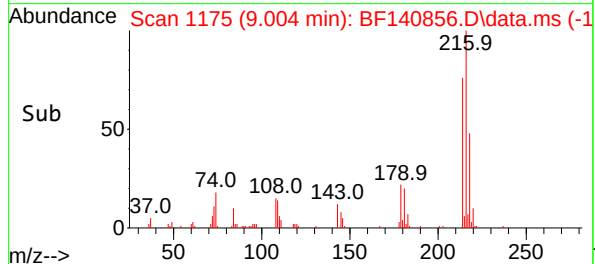
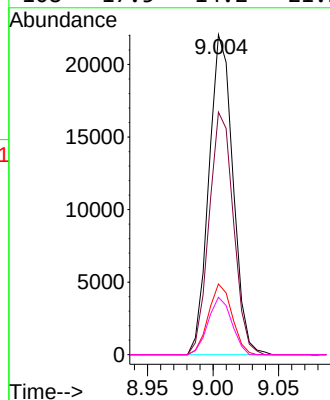
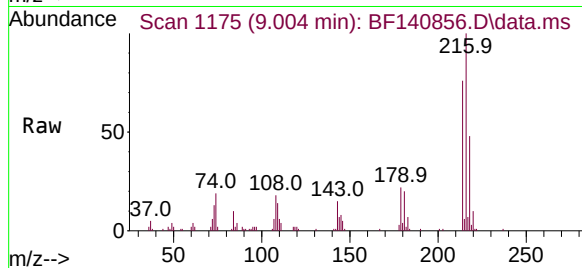




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.059 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

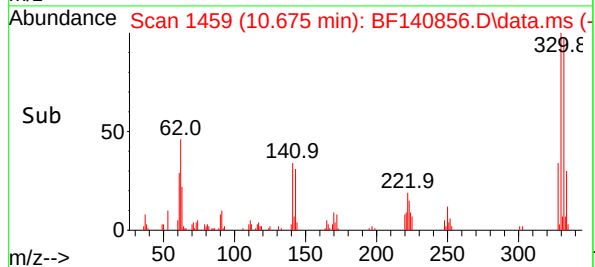
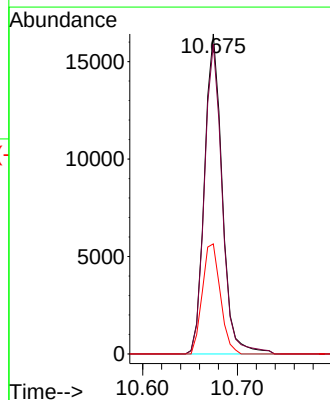
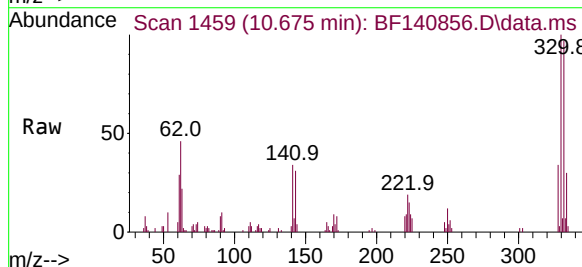
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

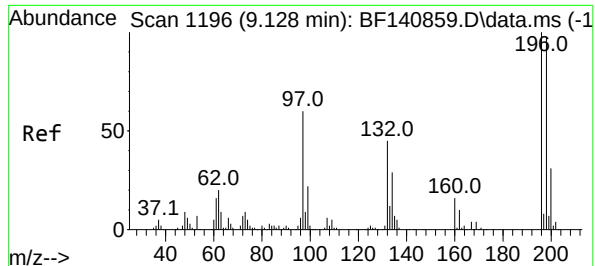
Tgt Ion:	216	Resp:	28167
Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.6	95.4
179	21.7	17.0	25.4
108	17.5	14.2	21.2



#42
2,4,6-Tribromophenol
Concen: 9.950 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:	330	Resp:	21315
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	35.0	24.9	37.3





#43

2,4,6-Trichlorophenol

Concen: 4.622 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

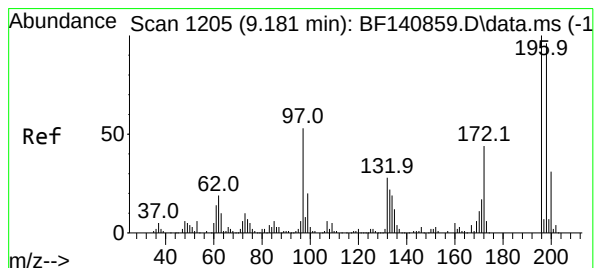
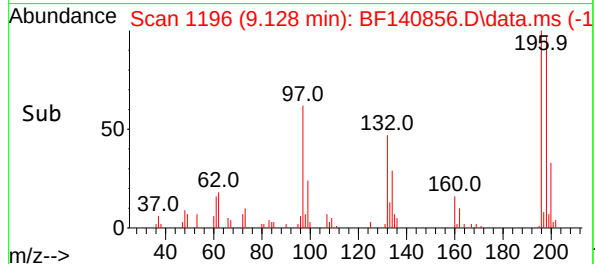
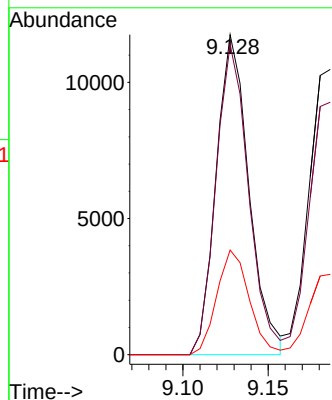
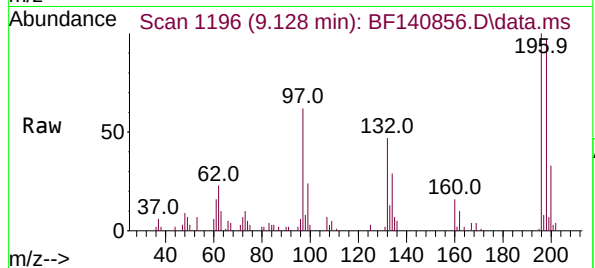
Tgt Ion:196 Resp: 15756

Ion Ratio Lower Upper

196 100

198 97.0 77.4 116.0

200 32.7 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 4.990 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Tgt Ion:196 Resp: 18698

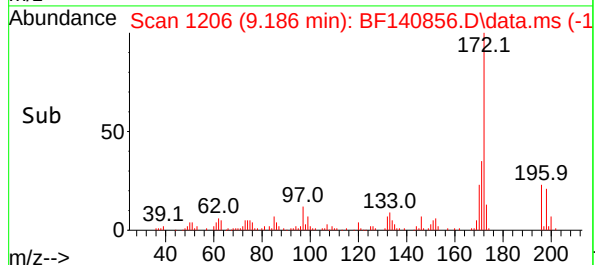
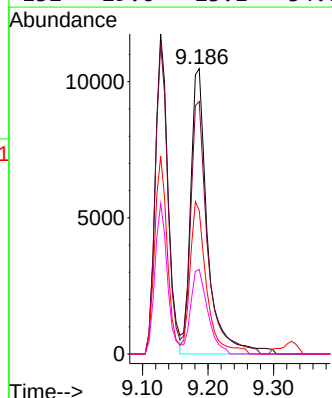
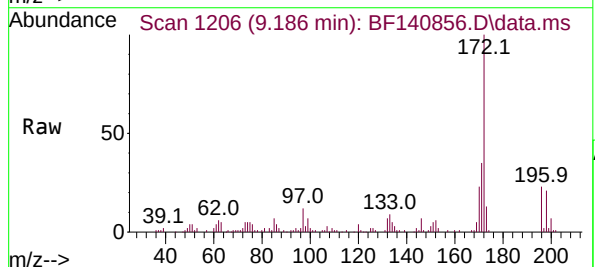
Ion Ratio Lower Upper

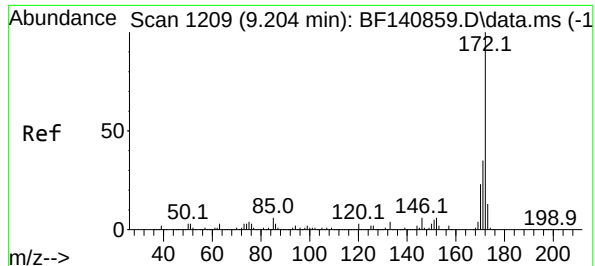
196 100

198 88.5 77.2 115.8

97 50.3 42.2 63.4

132 29.6 23.1 34.7

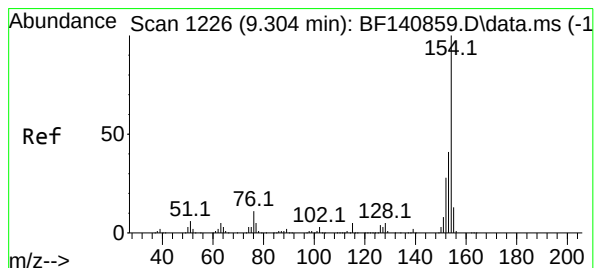
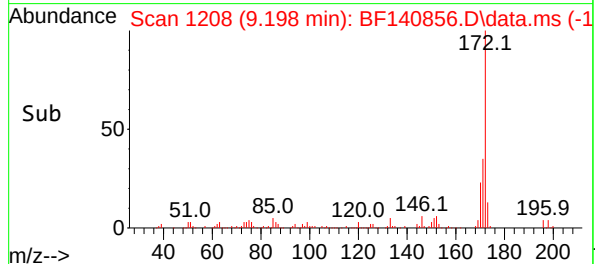
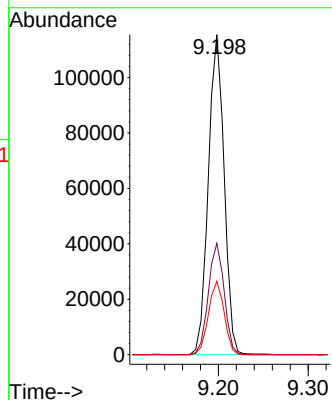
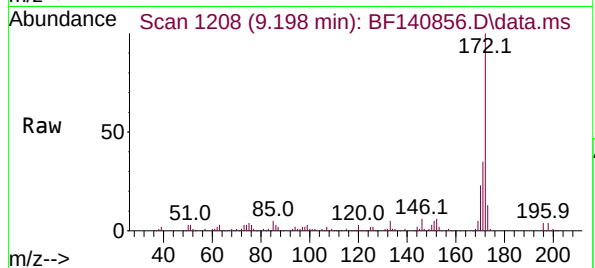




#45
2-Fluorobiphenyl
Concen: 10.726 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

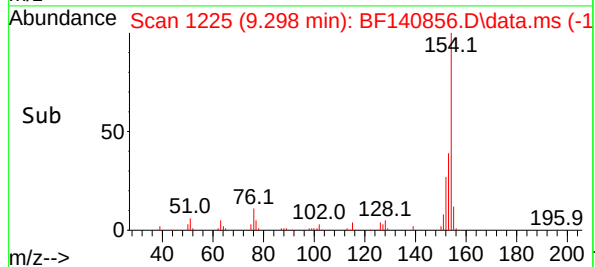
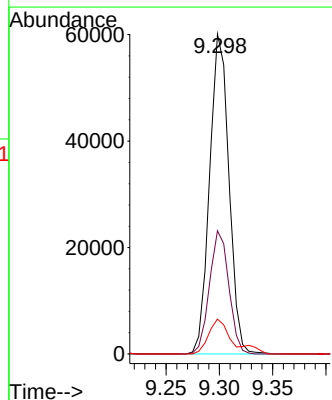
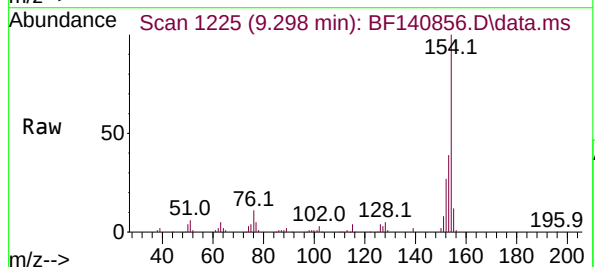
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

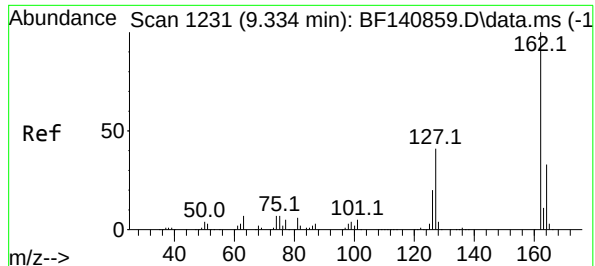
Tgt Ion:172 Resp: 141311
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 5.276 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:154 Resp: 75993
Ion Ratio Lower Upper
154 100
153 38.5 20.8 60.8
76 10.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 5.080 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140856.D

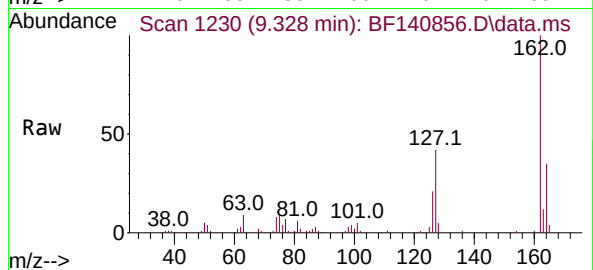
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



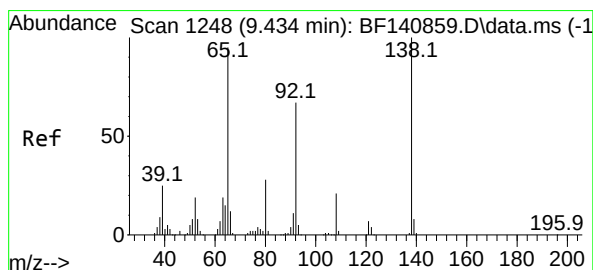
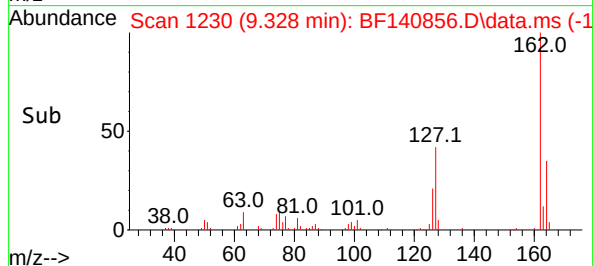
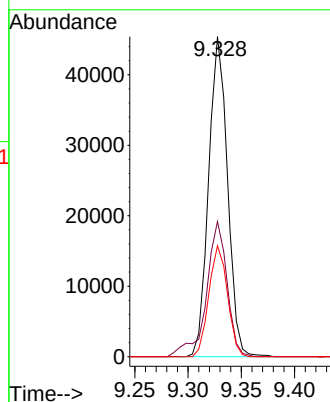
Tgt Ion:162 Resp: 55976

Ion Ratio Lower Upper

162 100

127 42.3 33.5 50.3

164 34.6 26.2 39.2



#48

2-Nitroaniline

Concen: 4.757 ng

RT: 9.433 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

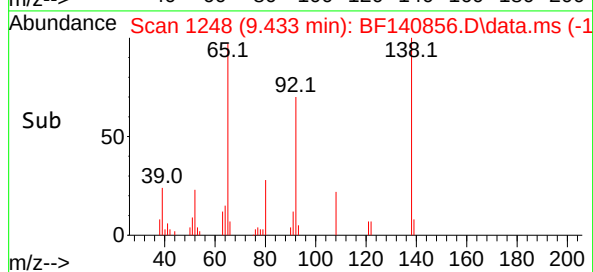
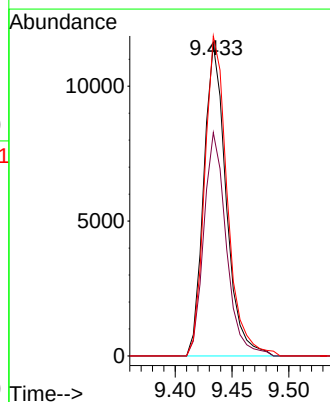
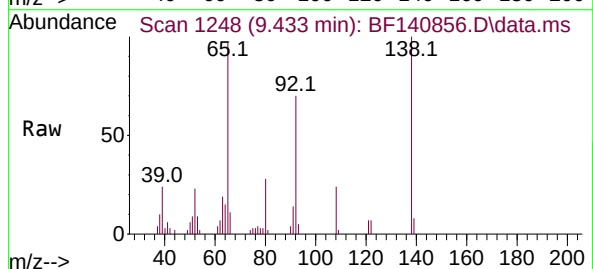
Tgt Ion: 65 Resp: 15829

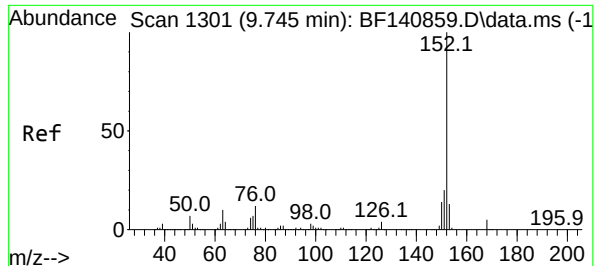
Ion Ratio Lower Upper

65 100

92 71.7 56.3 84.5

138 102.8 83.8 125.6





#49

Acenaphthylene

Concen: 5.241 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

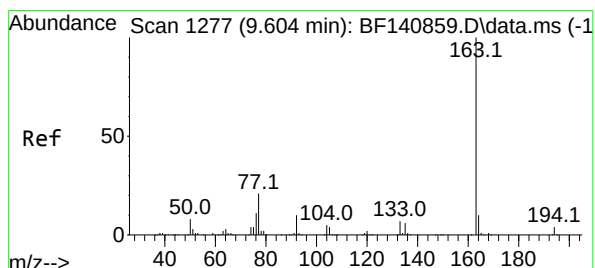
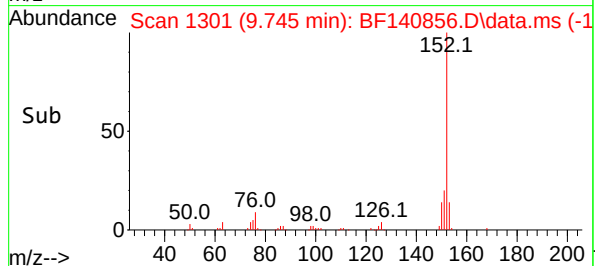
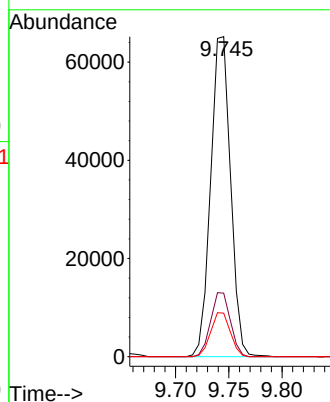
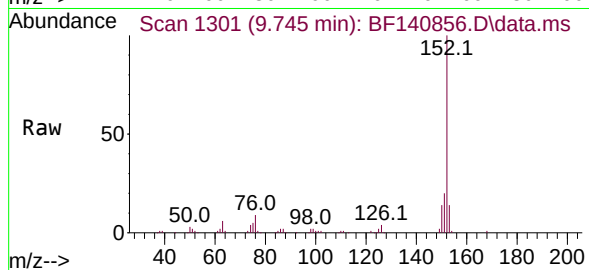
Tgt Ion:152 Resp: 84871

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.6 10.6 16.0



#50

Dimethylphthalate

Concen: 5.075 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

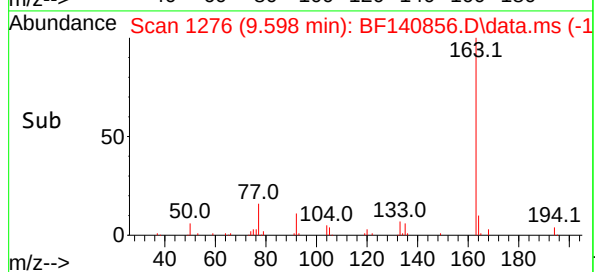
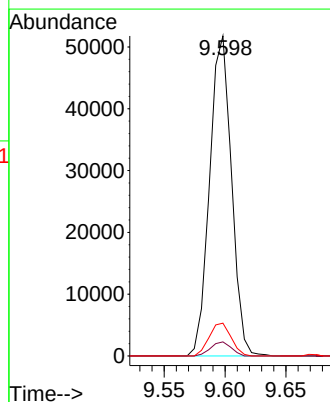
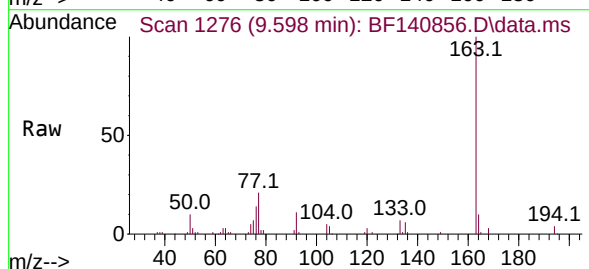
Tgt Ion:163 Resp: 64810

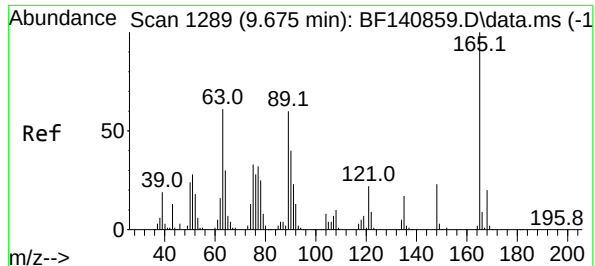
Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 4.969 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

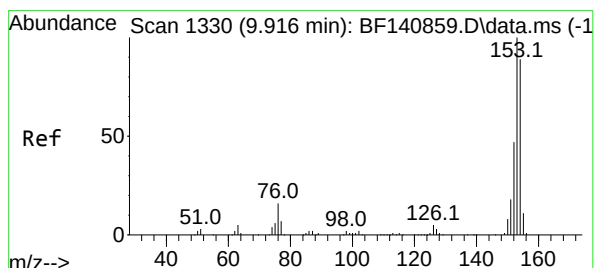
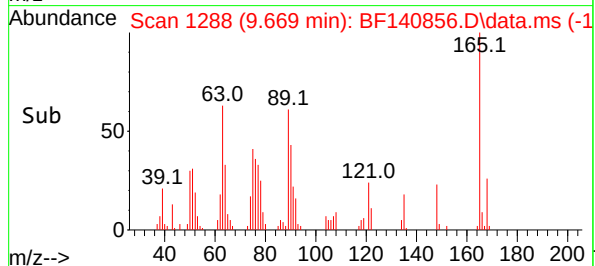
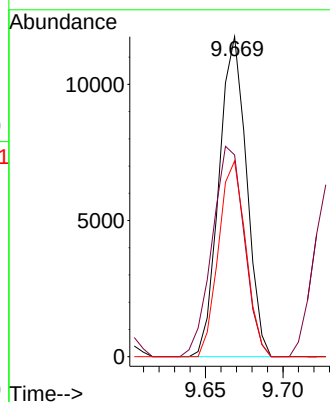
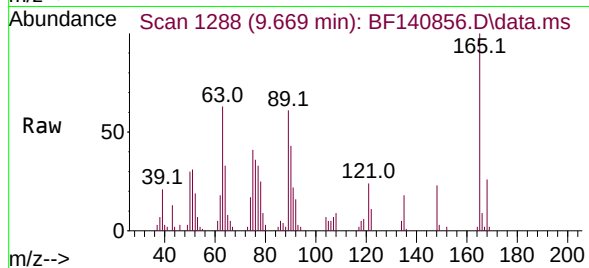
Tgt Ion:165 Resp: 14507

Ion Ratio Lower Upper

165 100

63 63.1 49.7 74.5

89 61.2 48.2 72.4



#52

Acenaphthene

Concen: 5.378 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

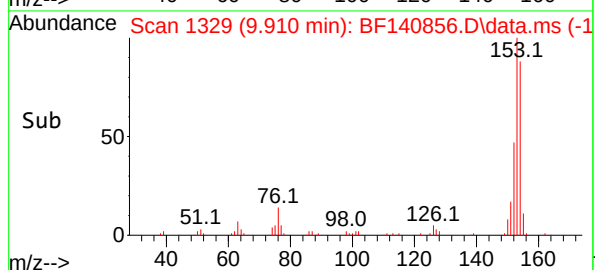
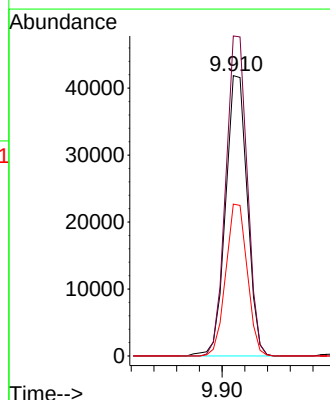
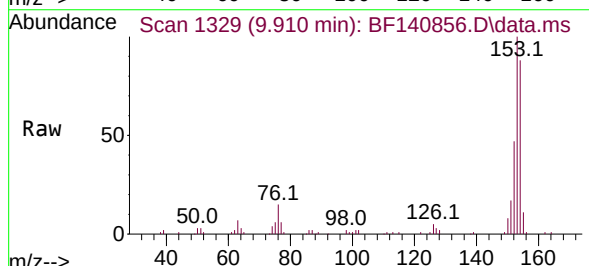
Tgt Ion:154 Resp: 55626

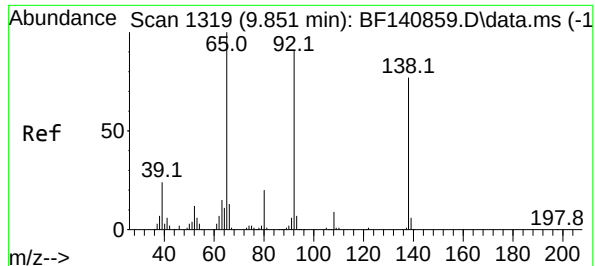
Ion Ratio Lower Upper

154 100

153 114.2 89.9 134.9

152 54.2 42.6 63.8

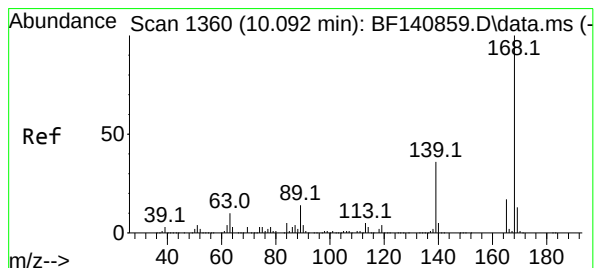
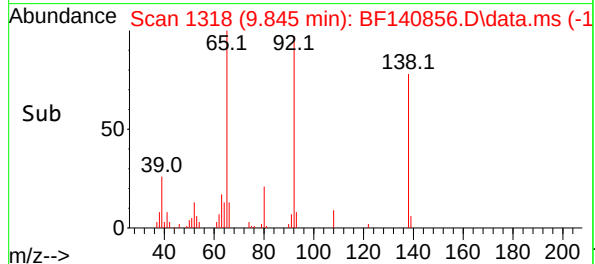
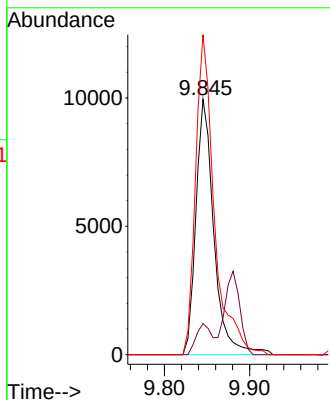
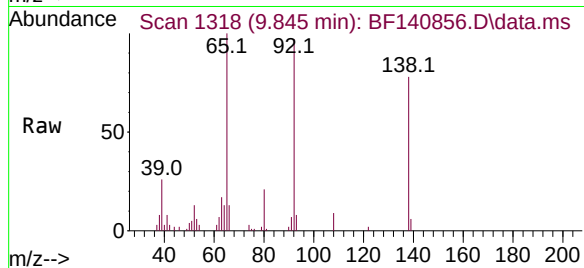




#53
3-Nitroaniline
Concen: 5.034 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

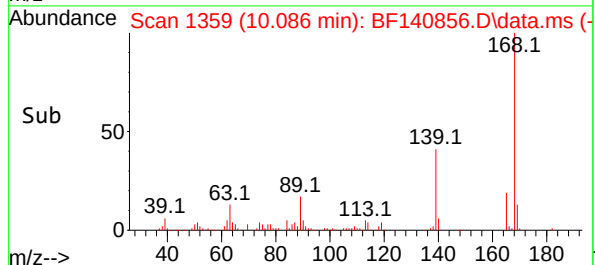
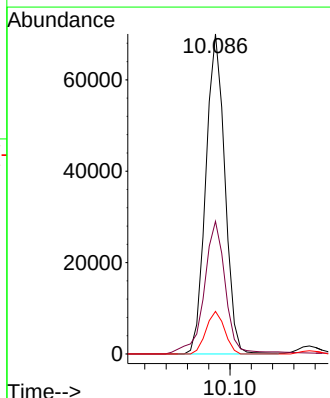
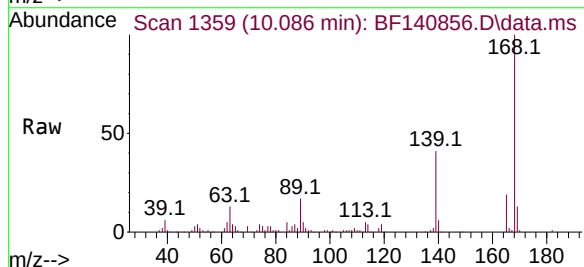
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

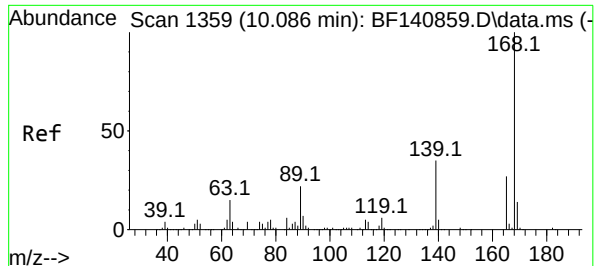
Tgt Ion:138 Resp: 14583
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 125.3 95.5 143.3



#55
Dibenzofuran
Concen: 5.426 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:168 Resp: 86963
Ion Ratio Lower Upper
168 100
139 41.5 31.1 46.7
169 13.3 10.6 16.0

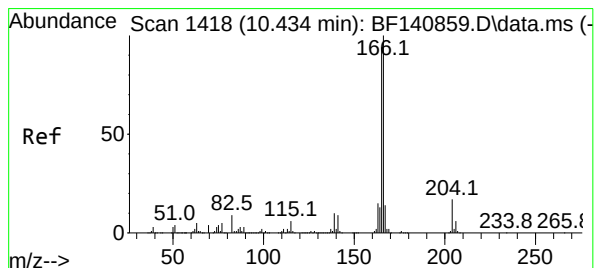
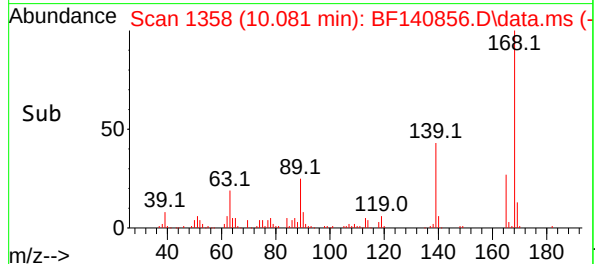
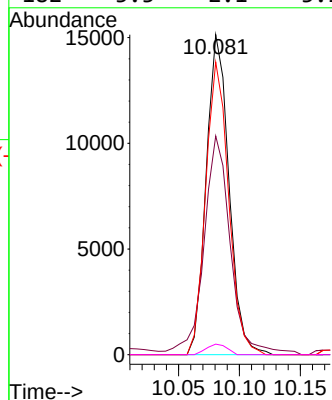
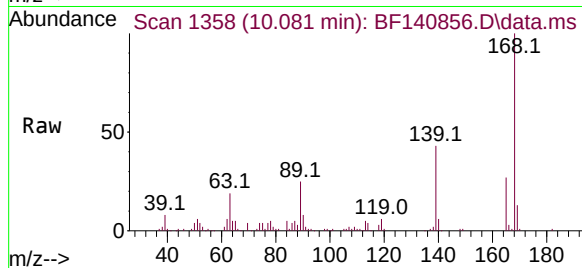




#57
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

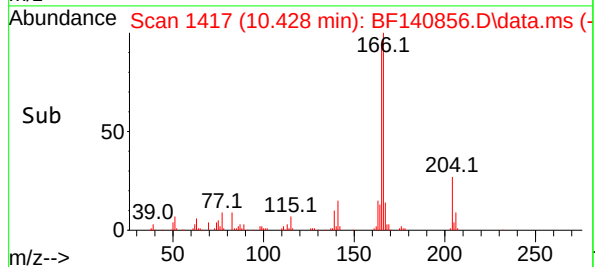
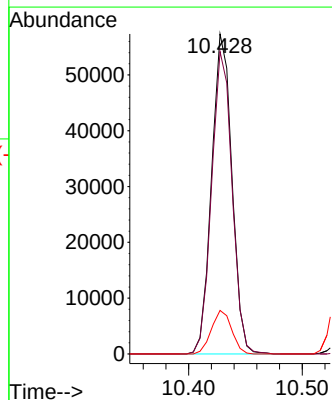
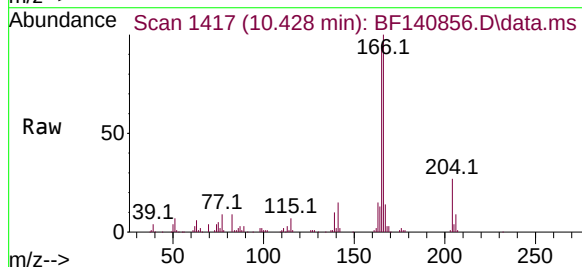
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

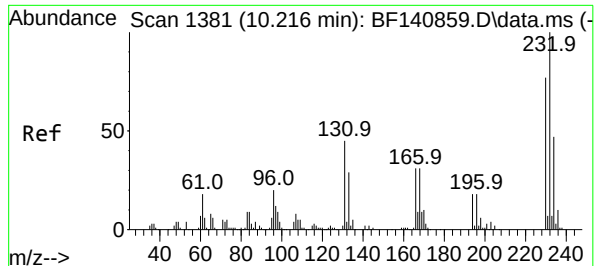
Tgt Ion:165 Resp: 19701
Ion Ratio Lower Upper
165 100
63 68.4 49.3 73.9
89 91.4 66.2 99.4
182 3.3 2.1 3.1#



#58
Fluorene
Concen: 5.388 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:166 Resp: 71243
Ion Ratio Lower Upper
166 100
165 94.5 75.1 112.7
167 13.6 11.1 16.7

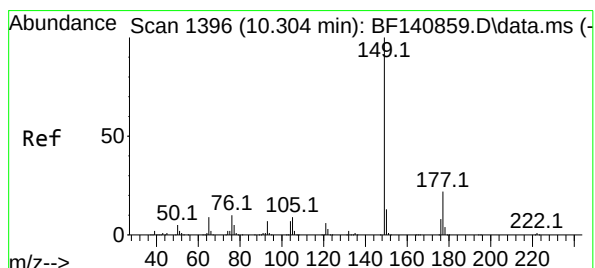
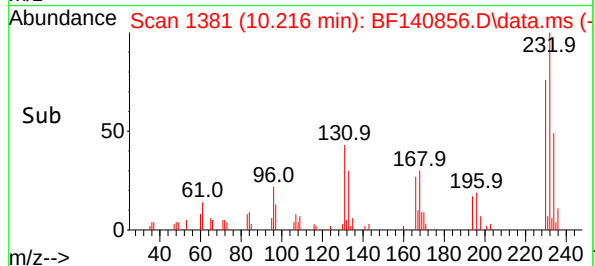
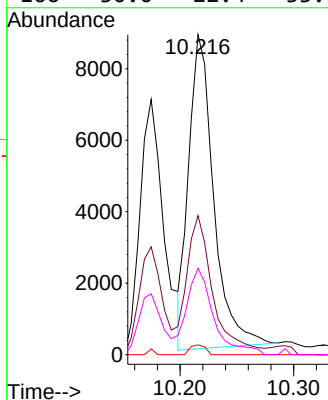
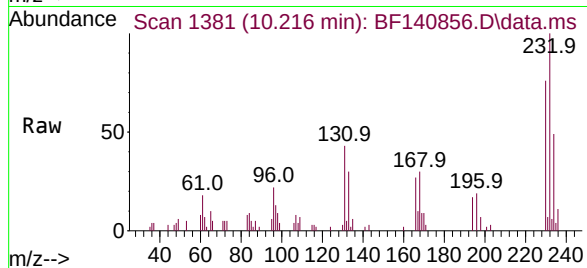




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.400 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

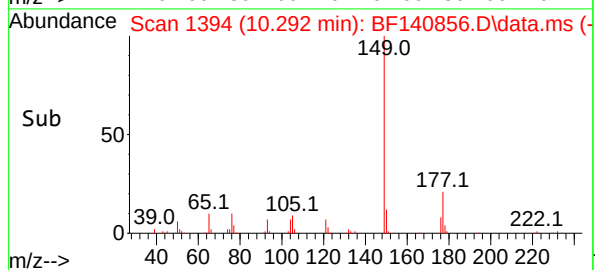
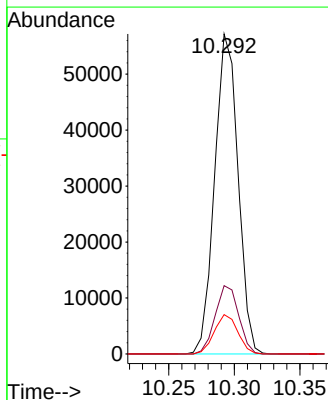
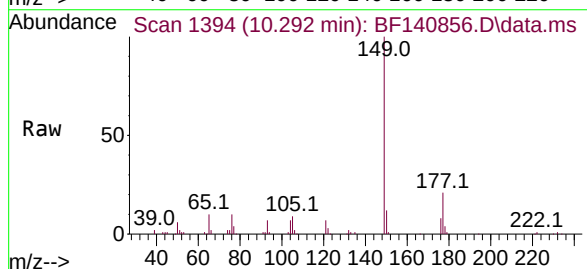
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

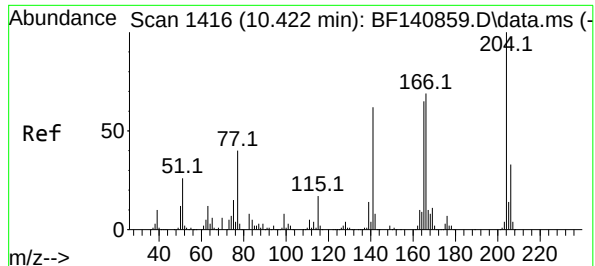
Tgt Ion:232 Resp: 13434
Ion Ratio Lower Upper
232 100
131 47.8 35.1 52.7
130 1.9 1.8 2.8
166 30.0 22.4 33.6



#60
Diethylphthalate
Concen: 5.341 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:149 Resp: 70725
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 12.3 10.1 15.1

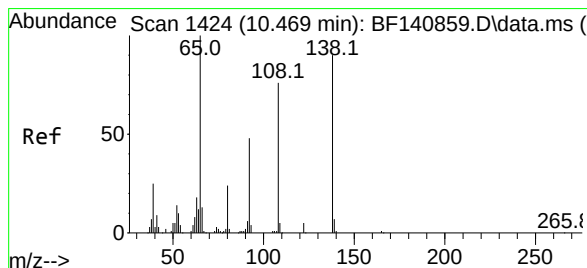
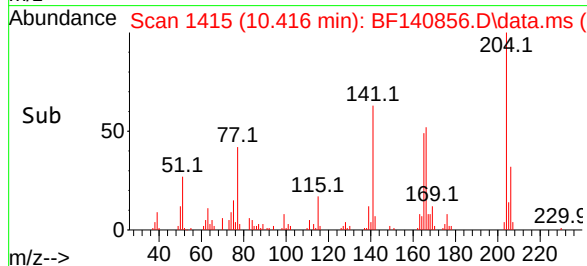
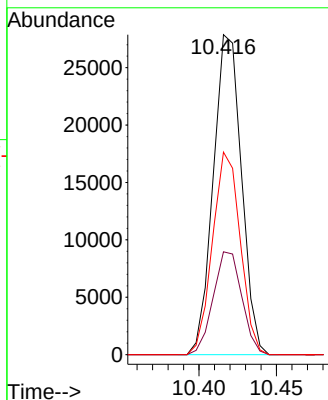
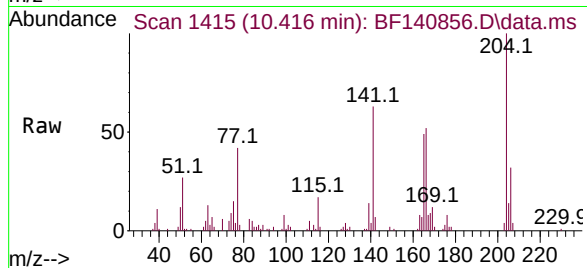




#61
4-Chlorophenyl-phenylether
Concen: 5.315 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

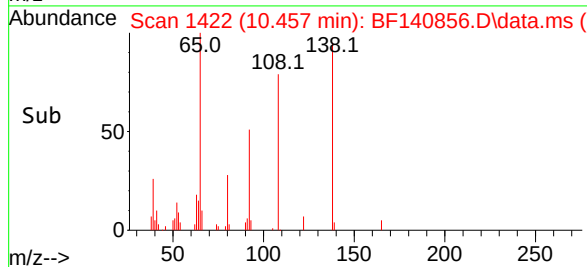
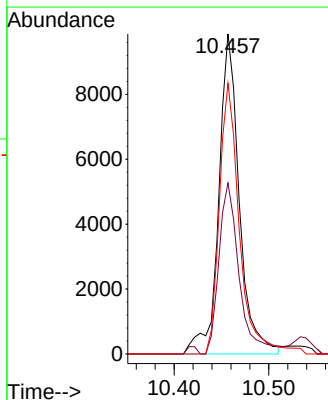
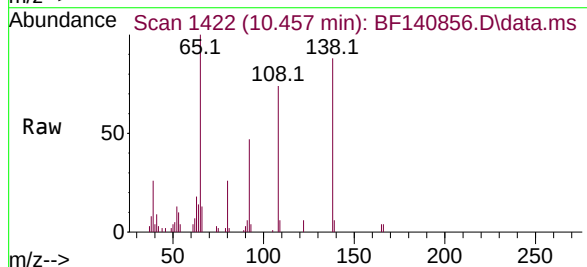
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

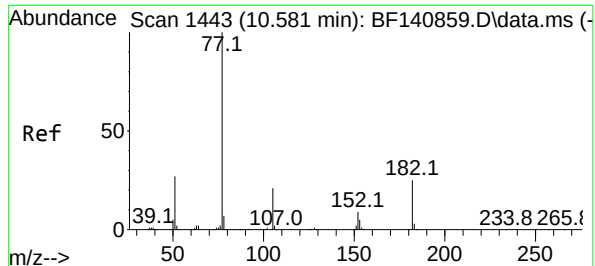
Tgt Ion:	204	Resp:	35304
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	63.3	50.0	75.0



#62
4-Nitroaniline
Concen: 4.916 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:	138	Resp:	14883
Ion Ratio	Lower	Upper	
138	100		
92	53.4	32.6	72.6
108	84.6	64.1	104.1

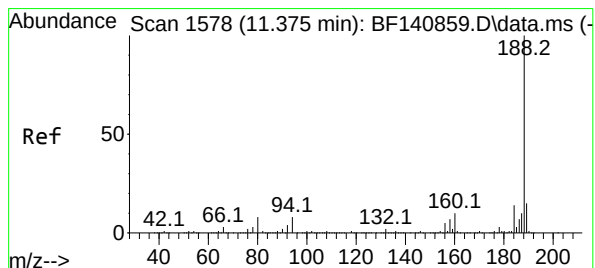
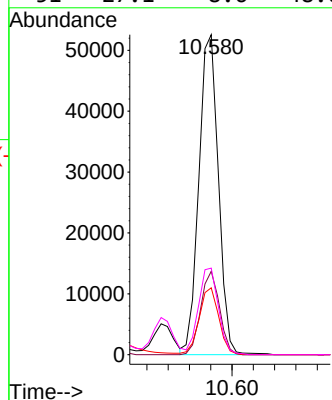
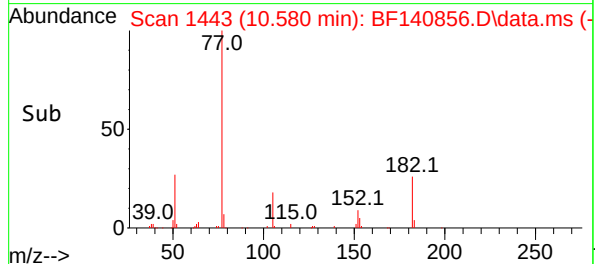
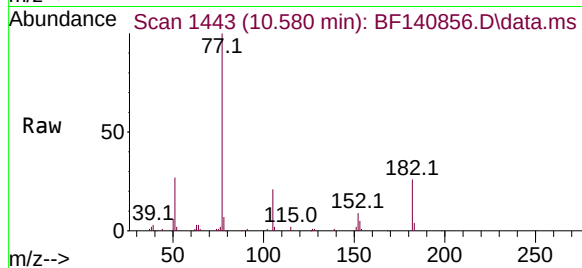




#63
Azobenzene
Concen: 5.391 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

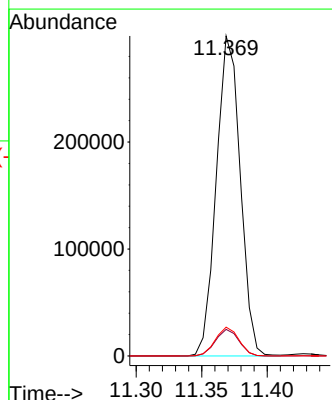
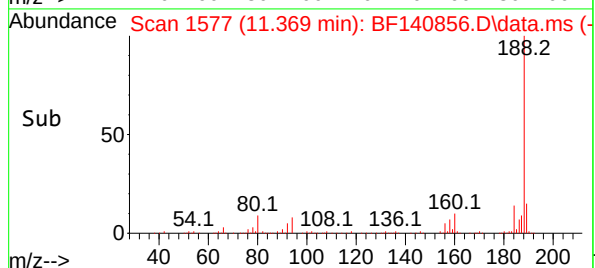
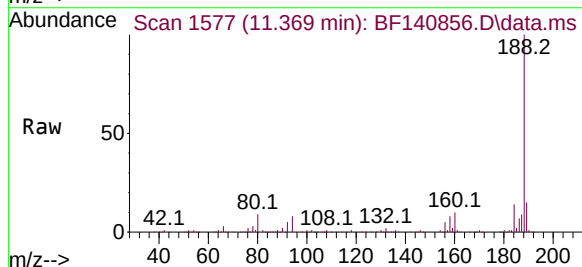
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

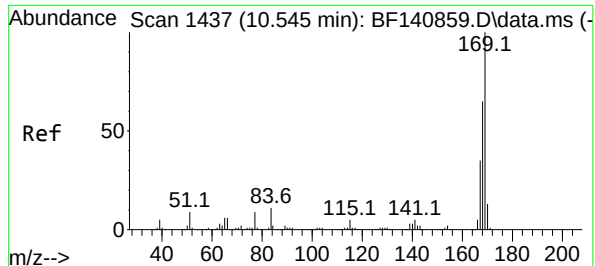
Tgt Ion: 77	Resp: 67111
Ion Ratio	Lower Upper
77 100	
182 26.0	4.5 44.5
105 20.9	0.9 40.9
51 27.1	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion: 188	Resp: 379227
Ion Ratio	Lower Upper
188 100	
94 8.3	6.4 9.6
80 9.0	6.8 10.2

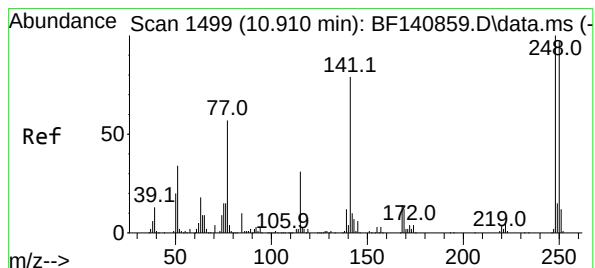
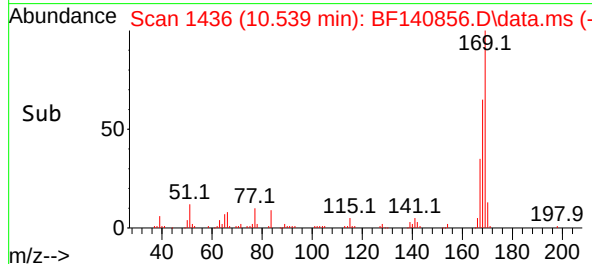
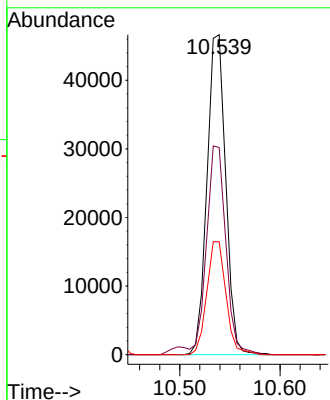
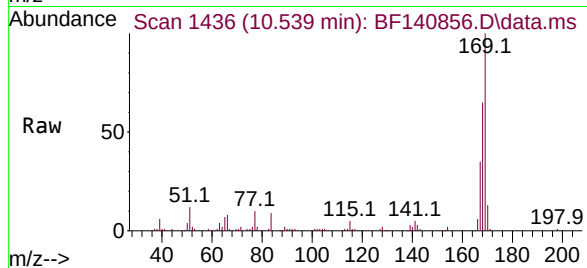




#66
n-Nitrosodiphenylamine
Concen: 5.196 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

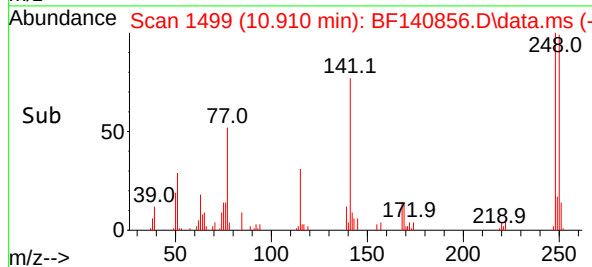
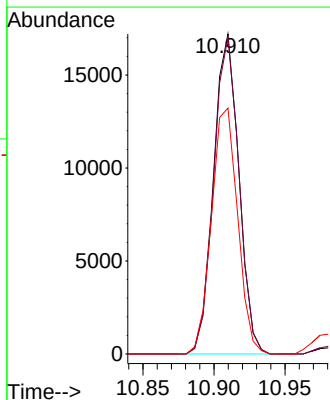
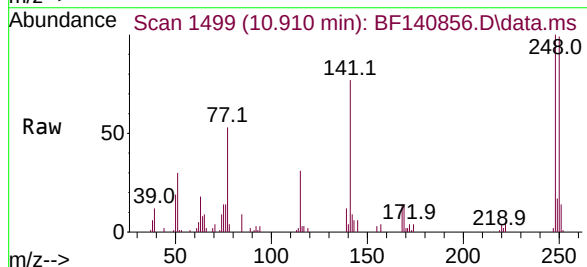
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

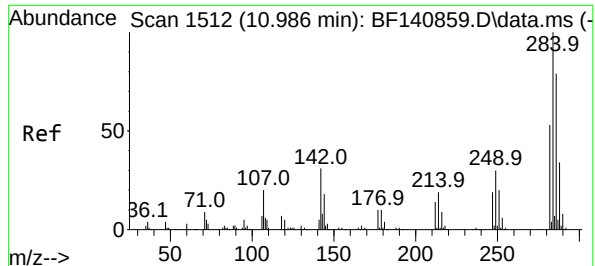
Tgt Ion:169 Resp: 60581
Ion Ratio Lower Upper
169 100
168 64.7 53.4 80.0
167 35.3 28.3 42.5



#67
4-Bromophenyl-phenylether
Concen: 5.028 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:248 Resp: 21332
Ion Ratio Lower Upper
248 100
250 99.0 77.4 116.2
141 76.9 62.9 94.3

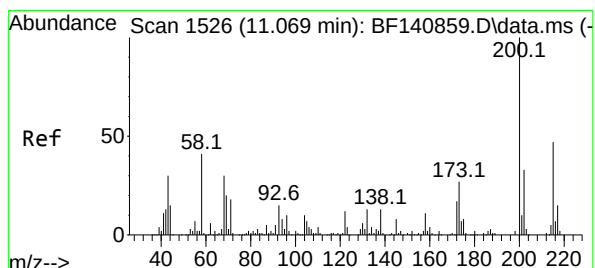
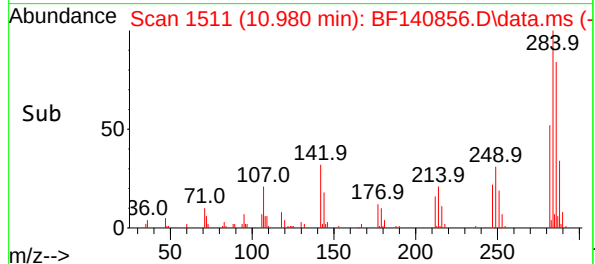
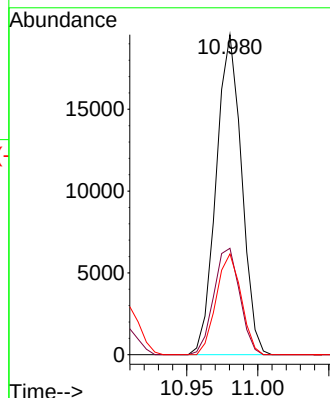
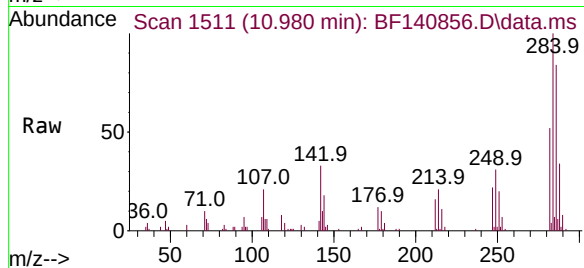




#68
Hexachlorobenzene
Concen: 5.066 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

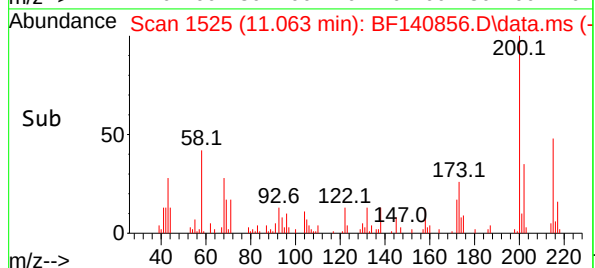
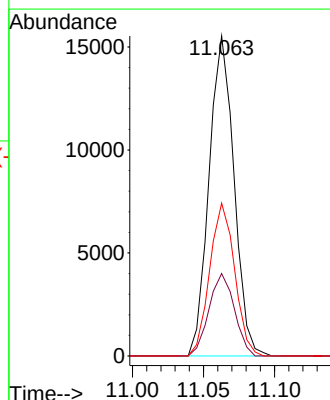
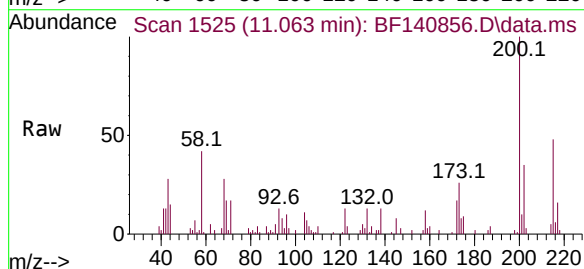
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

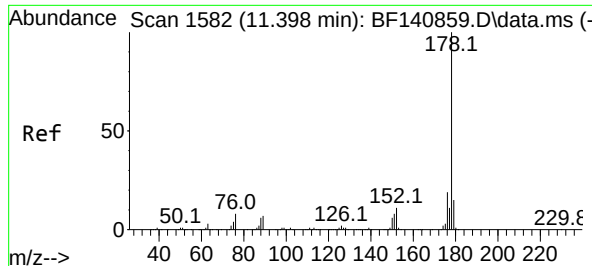
Tgt Ion:284 Resp: 24367
Ion Ratio Lower Upper
284 100
142 33.3 24.6 36.8
249 31.5 24.3 36.5



#69
Atrazine
Concen: 5.817 ng
RT: 11.063 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:200 Resp: 18943
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 47.7 26.7 66.7

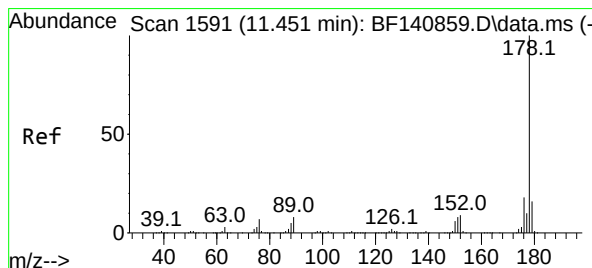
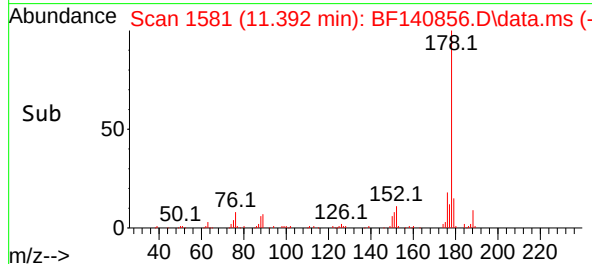
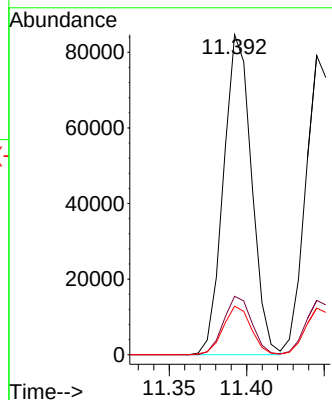
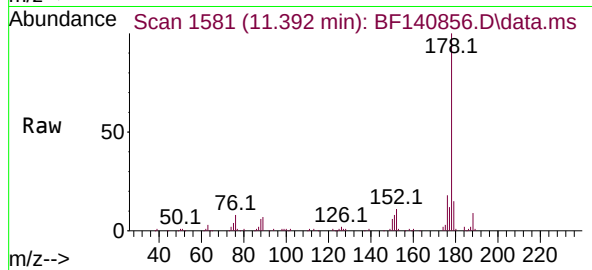




#71
Phenanthrene
Concen: 5.470 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

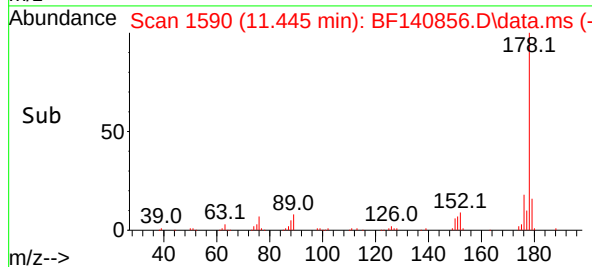
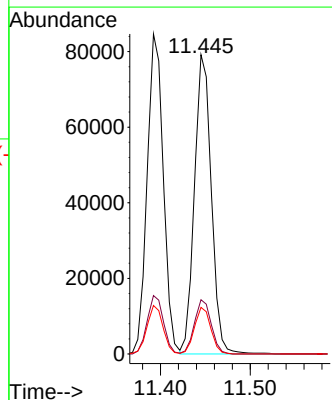
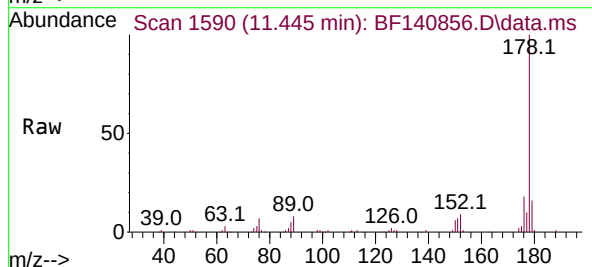
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

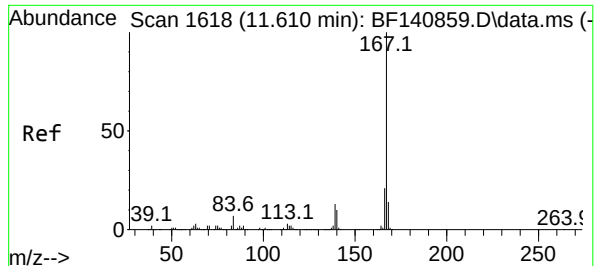
Tgt Ion:178 Resp: 106671
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.1 12.1 18.1



#72
Anthracene
Concen: 5.385 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:178 Resp: 103428
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.6 12.6 18.8

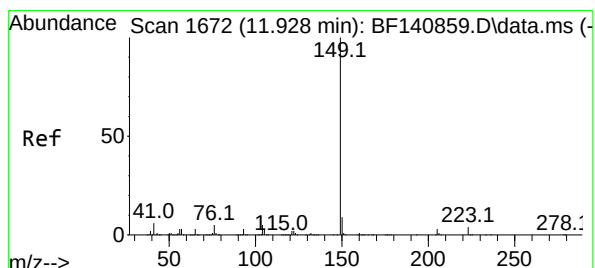
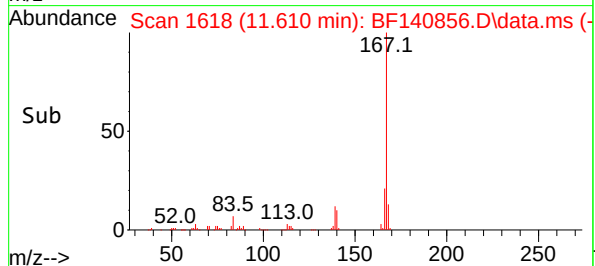
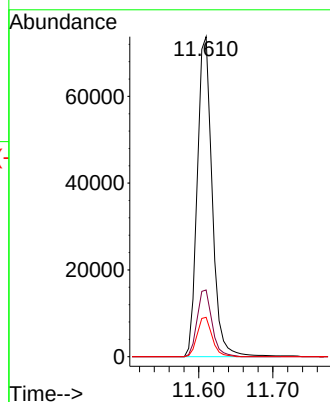
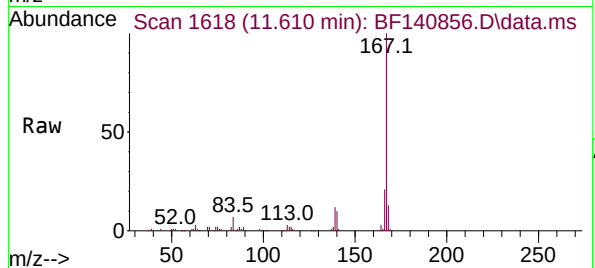




#73
Carbazole
Concen: 5.473 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

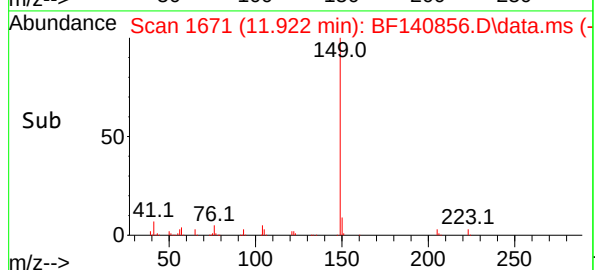
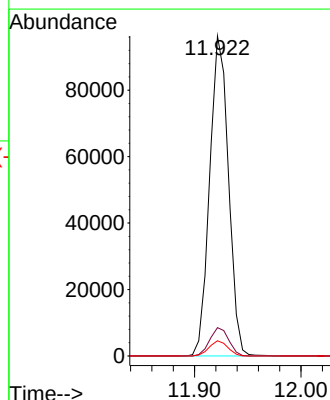
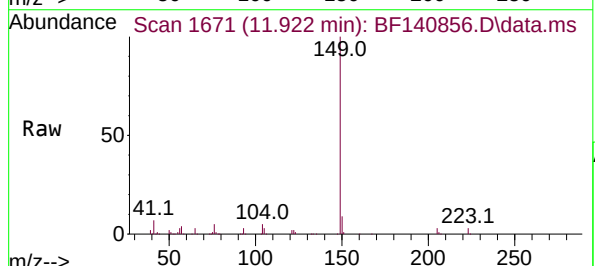
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

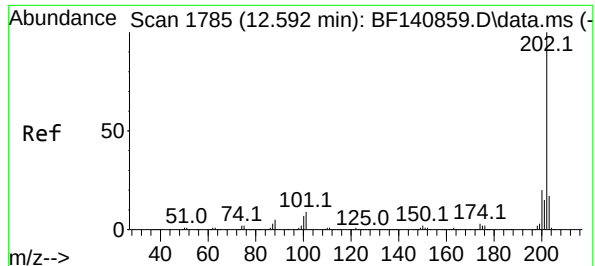
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.3	10.2	15.2



#74
Di-n-butylphthalate
Concen: 5.347 ng
RT: 11.922 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.7	3.8	5.8

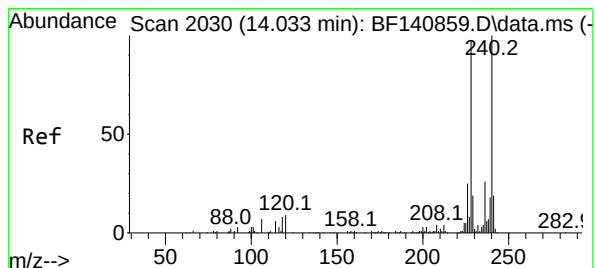
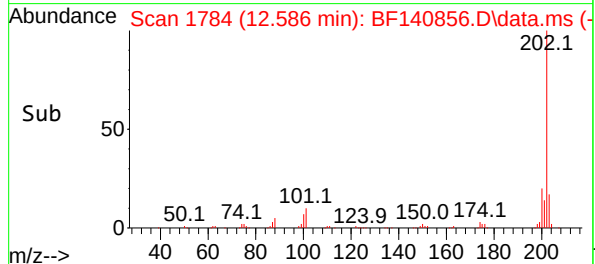
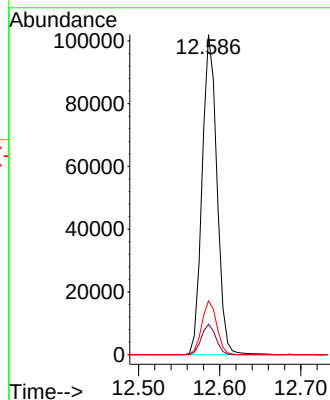
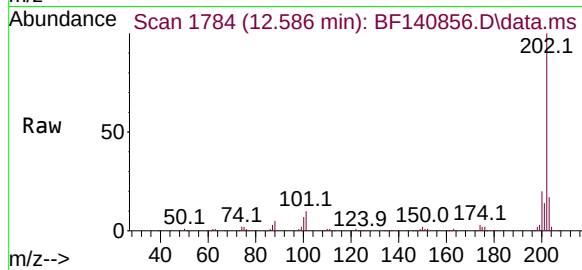




#75
Fluoranthene
Concen: 5.758 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

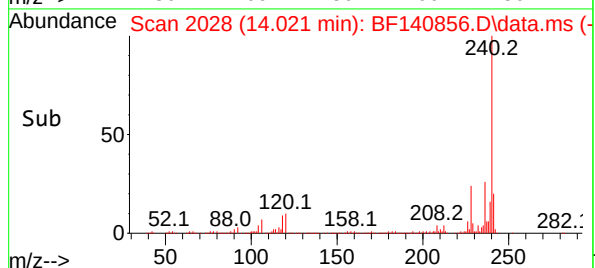
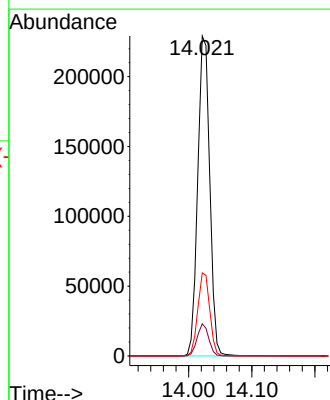
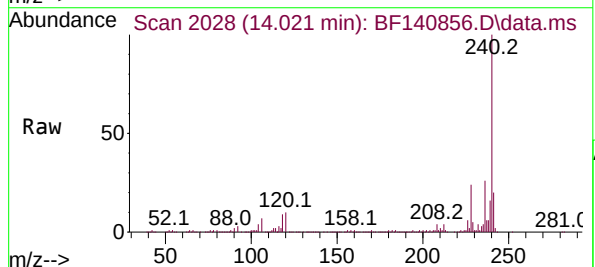
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

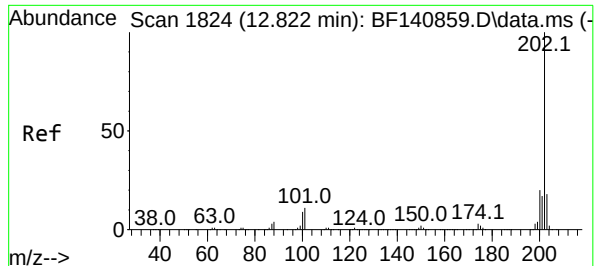
Tgt Ion:202 Resp: 129330
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 16.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:240 Resp: 302472
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 26.0 20.5 30.7





#78

Pyrene

Concen: 5.352 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

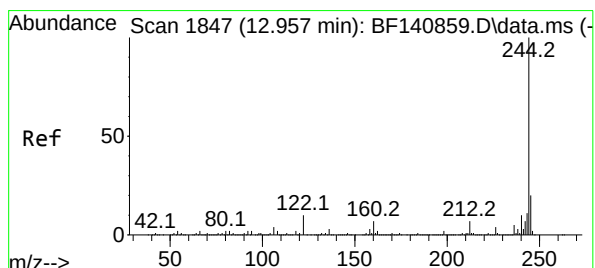
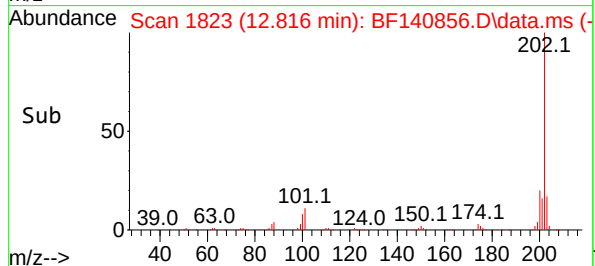
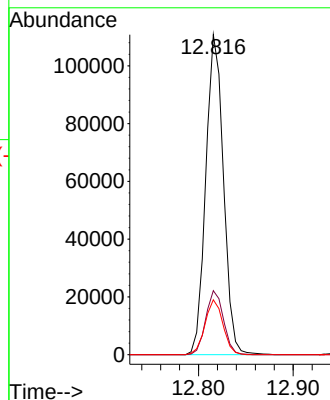
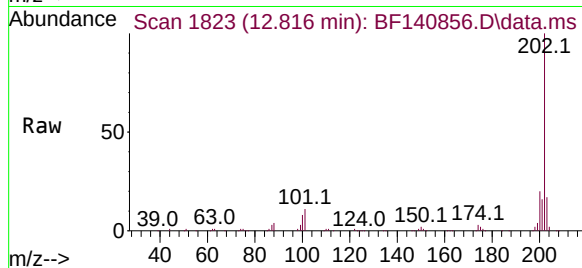
Tgt Ion:202 Resp: 143947

Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.1 14.2 21.4



#79

Terphenyl-d14

Concen: 10.673 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

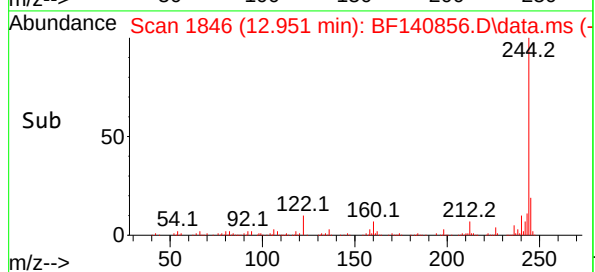
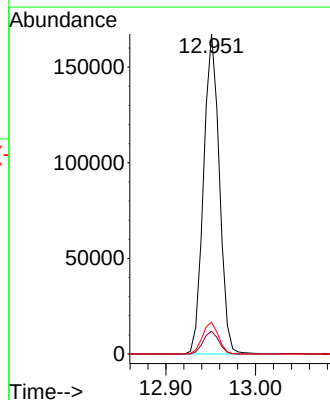
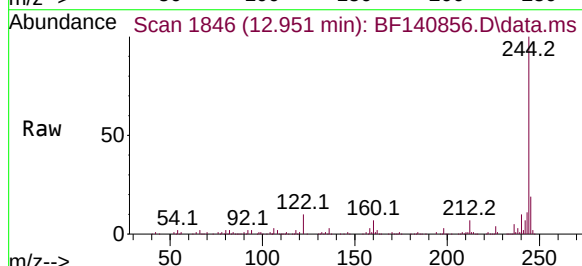
Tgt Ion:244 Resp: 204731

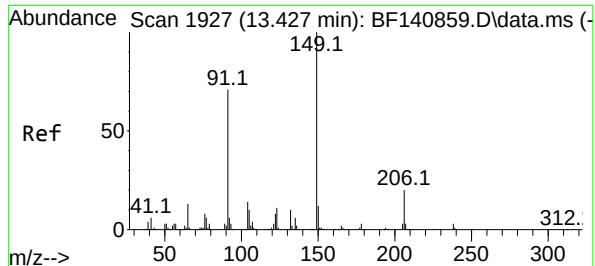
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.9 8.2 12.2





#80

Butylbenzylphthalate

Concen: 4.965 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

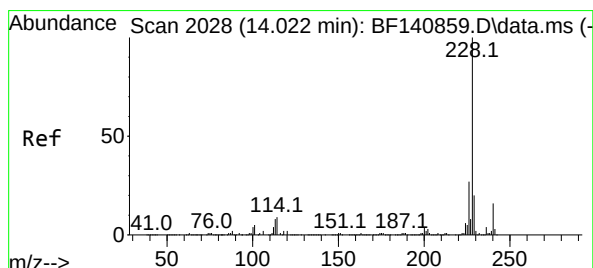
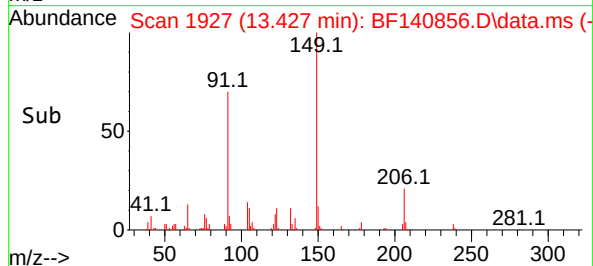
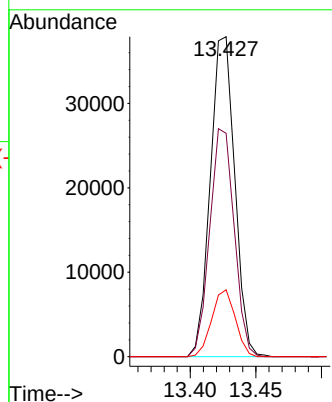
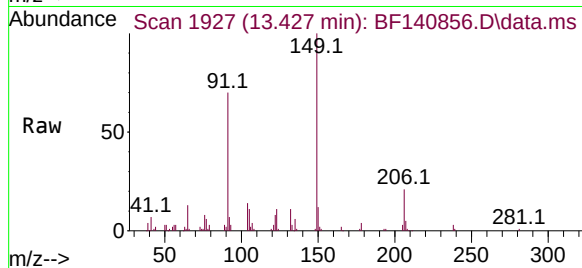
Tgt Ion:149 Resp: 49136

Ion Ratio Lower Upper

149 100

91 69.8 56.7 85.1

206 20.9 16.4 24.6



#81

Benzo(a)anthracene

Concen: 5.270 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

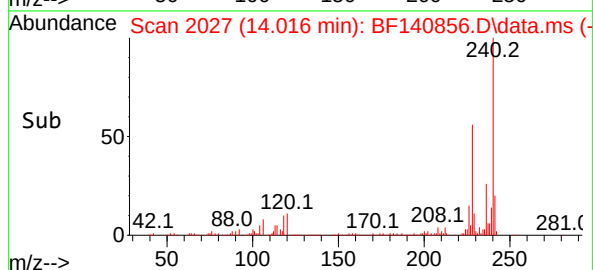
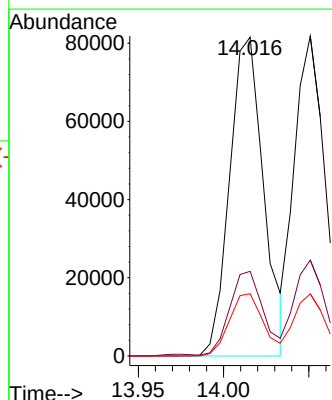
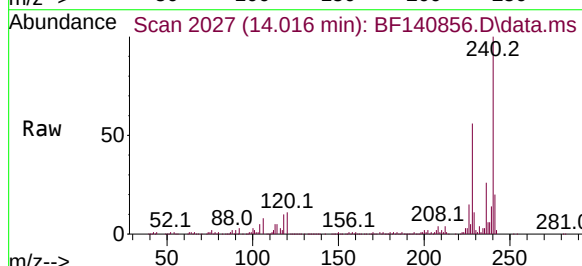
Tgt Ion:228 Resp: 112964

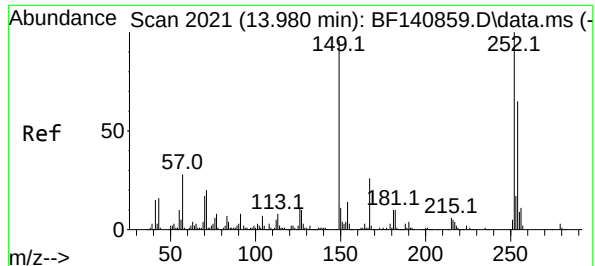
Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 19.5 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 5.010 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

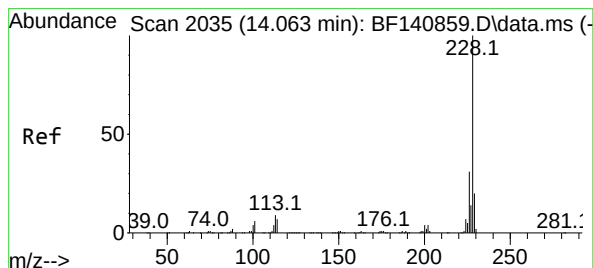
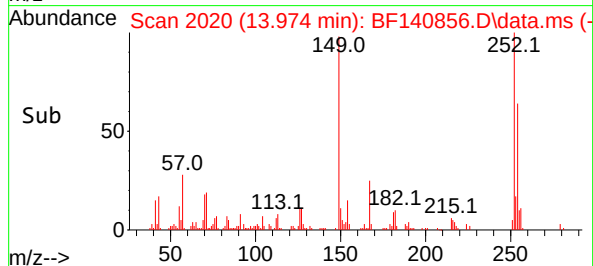
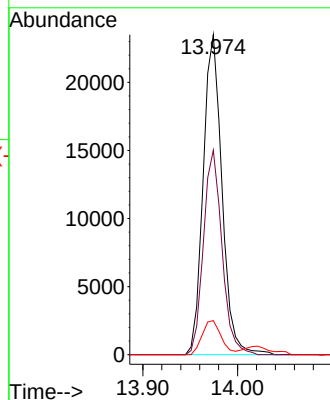
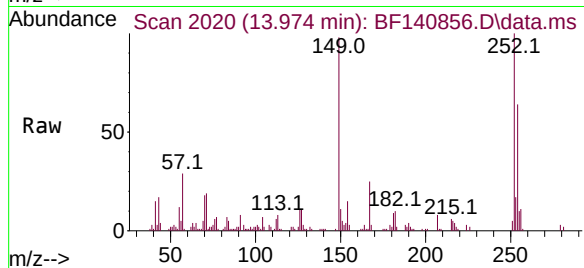
Tgt Ion:252 Resp: 32405

Ion Ratio Lower Upper

252 100

254 63.9 52.3 78.5

126 10.7 8.4 12.6



#83

Chrysene

Concen: 5.280 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

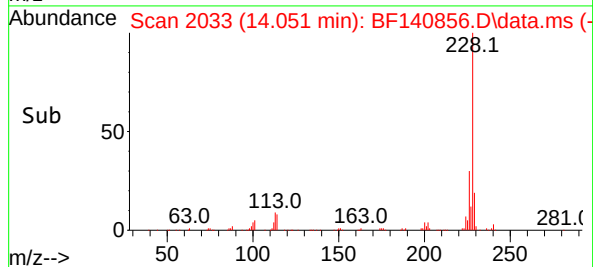
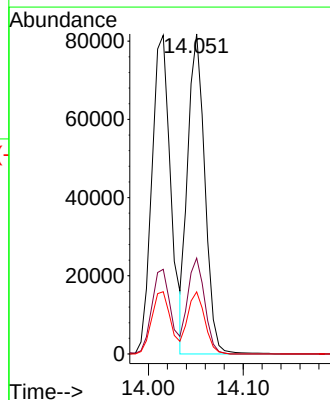
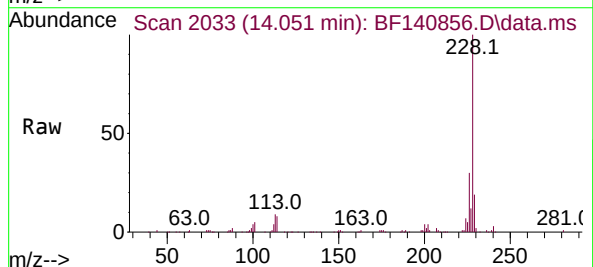
Tgt Ion:228 Resp: 102933

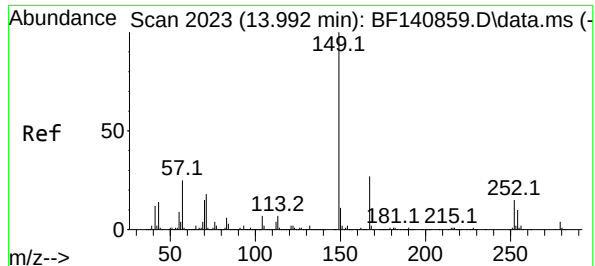
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.4 16.0 24.0

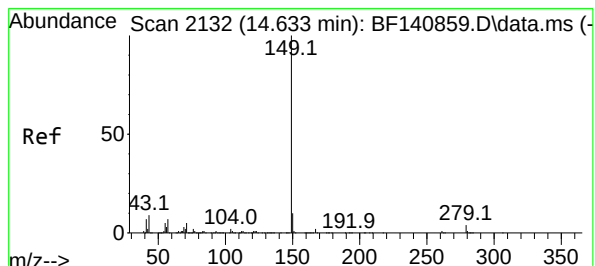
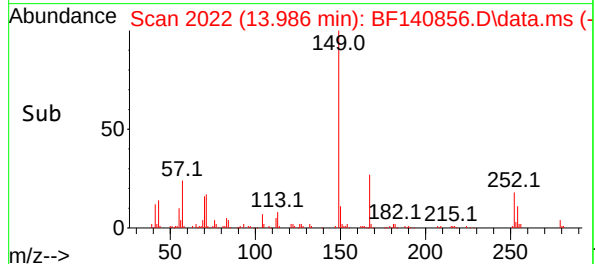
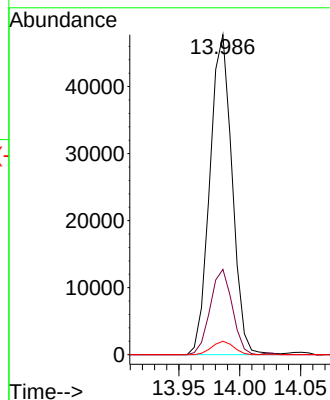
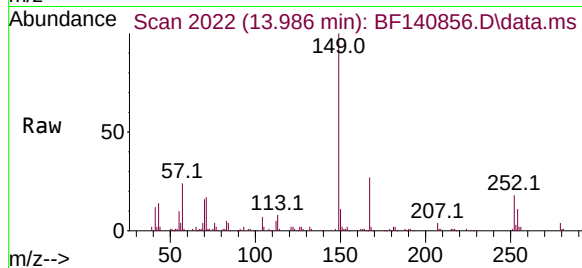




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.764 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

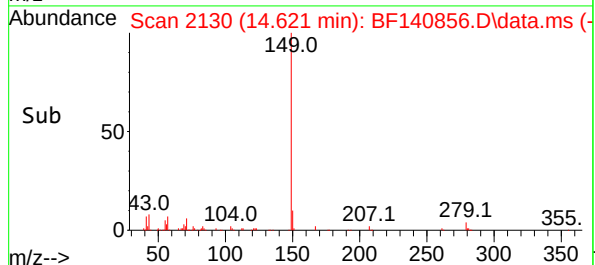
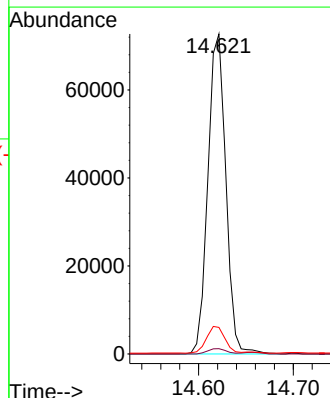
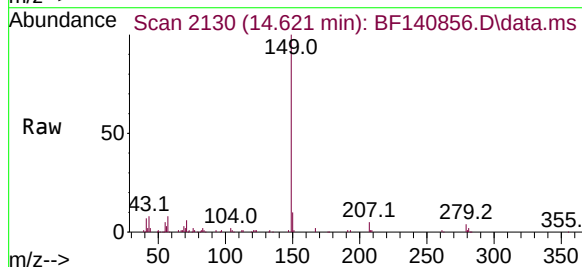
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

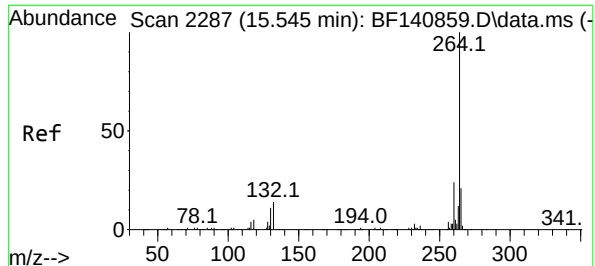
Tgt Ion:149 Resp: 60799
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.2 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 4.964 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:149 Resp: 95835
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.0 10.6

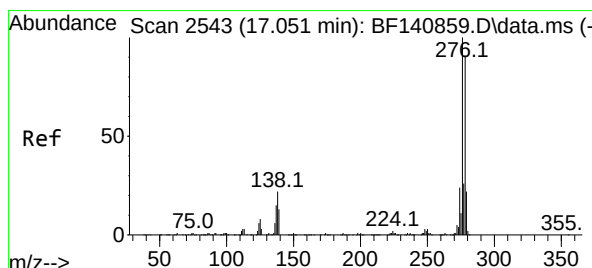
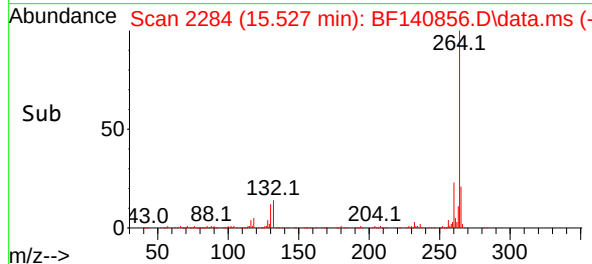
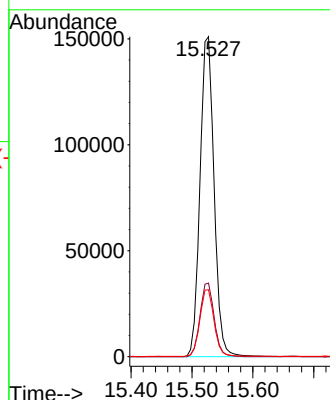
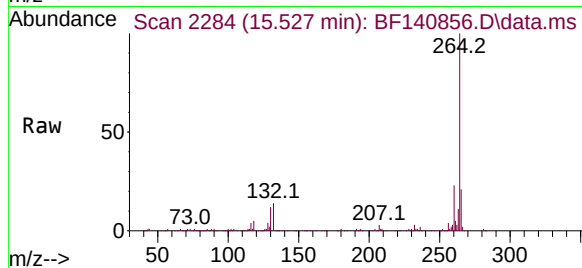




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

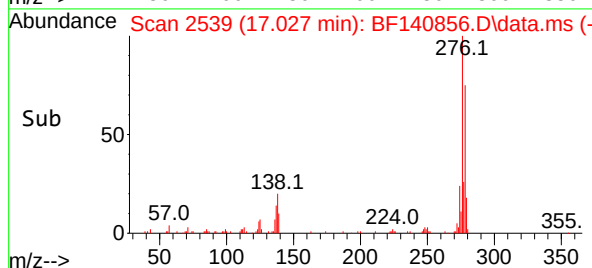
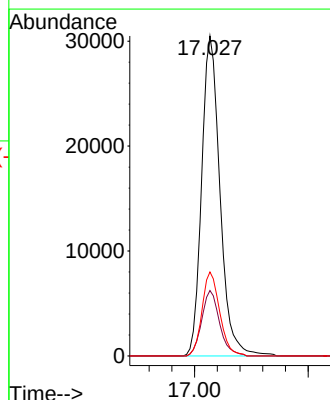
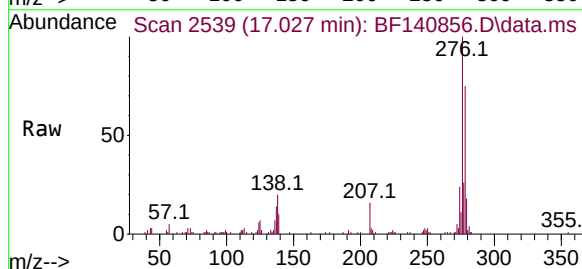
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

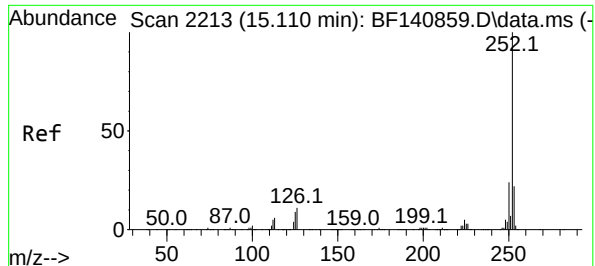
Tgt Ion:264 Resp: 241868
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.9 17.0 25.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.526 ng
RT: 17.027 min Scan# 2539
Delta R.T. -0.024 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Tgt Ion:276 Resp: 68314
Ion Ratio Lower Upper
276 100
138 19.9 16.9 25.3
277 25.2 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 5.238 ng

RT: 15.092 min Scan# 2115

Delta R.T. -0.018 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

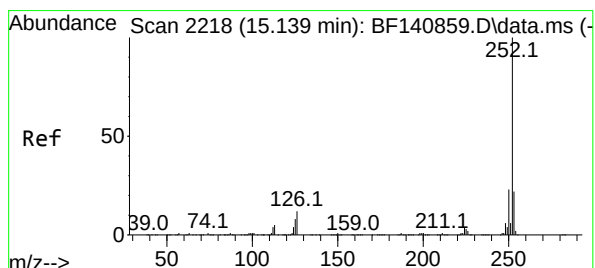
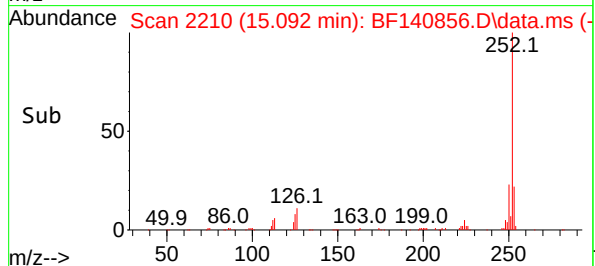
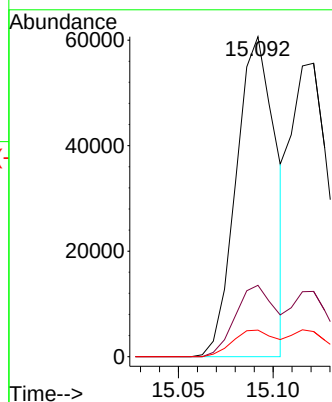
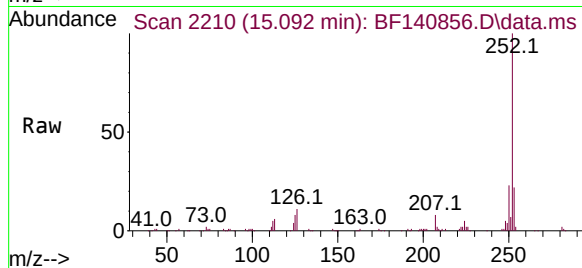
Tgt Ion:252 Resp: 87940

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.3 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 5.534 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.018 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

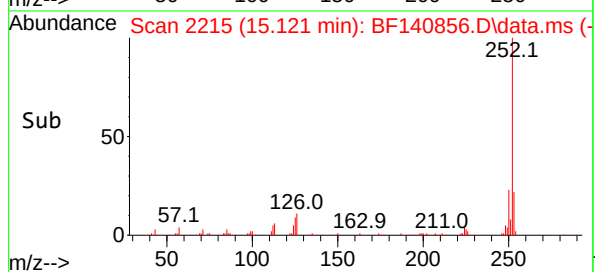
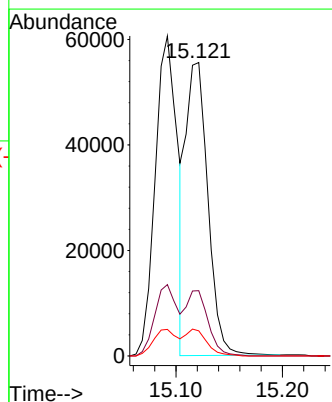
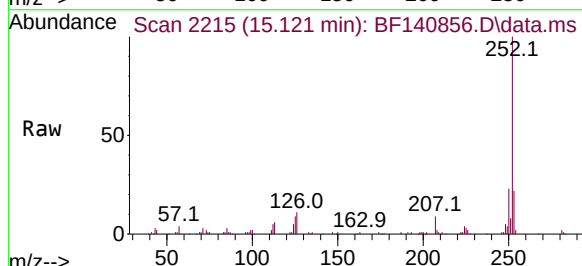
Tgt Ion:252 Resp: 79696

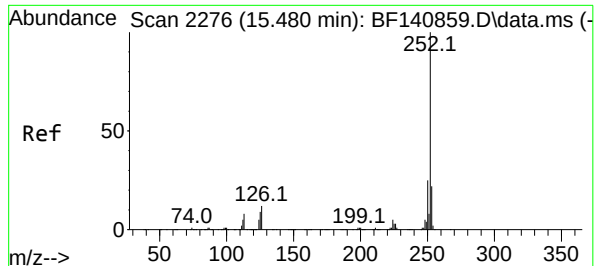
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.6 6.8 10.2





#90

Benzo(a)pyrene

Concen: 5.057 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

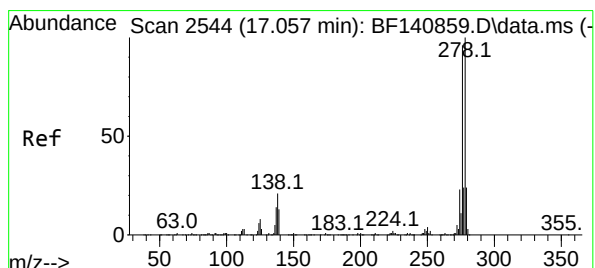
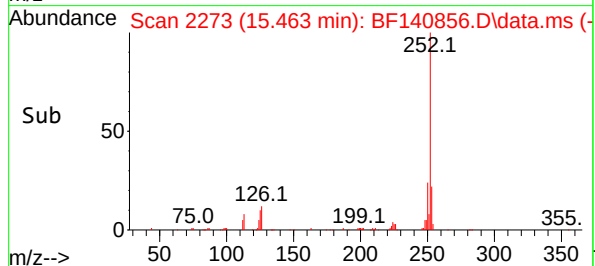
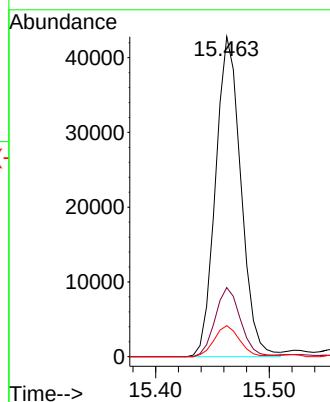
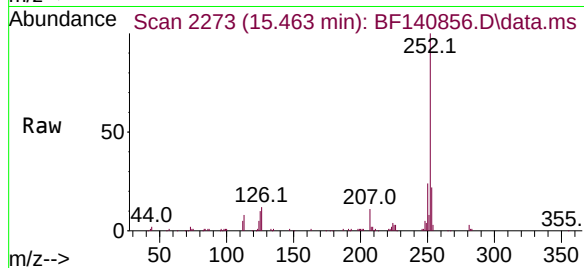
Tgt Ion:252 Resp: 66476

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.7 7.5 11.3



#91

Dibenzo(a,h)anthracene

Concen: 4.416 ng

RT: 17.033 min Scan# 2540

Delta R.T. -0.024 min

Lab File: BF140856.D

Acq: 16 Dec 2024 12:39

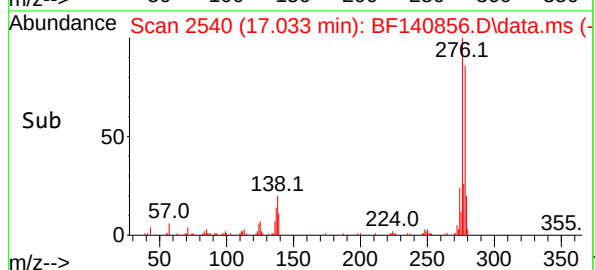
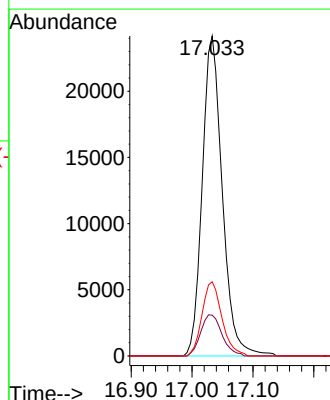
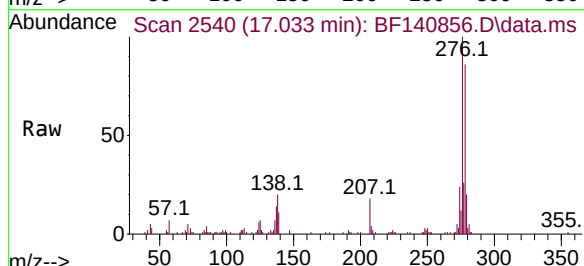
Tgt Ion:278 Resp: 55222

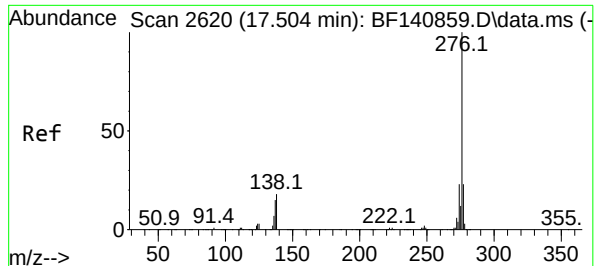
Ion Ratio Lower Upper

278 100

139 12.8 10.6 16.0

279 23.2 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 4.567 ng

RT: 17.486 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF140856.D

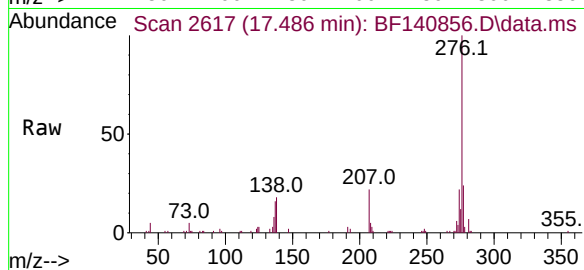
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



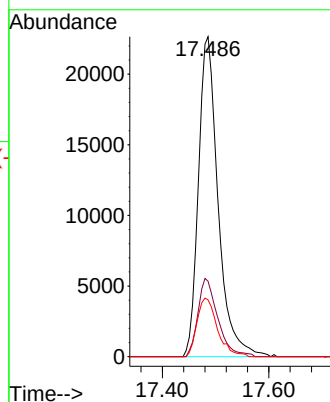
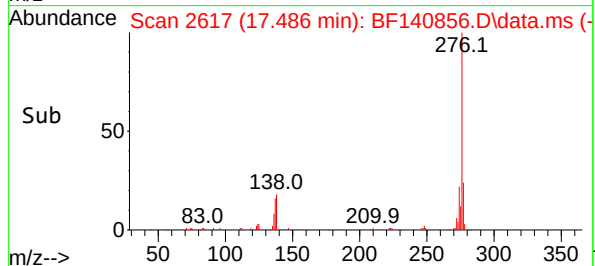
Tgt Ion:276 Resp: 58125

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.7 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140857.D
 Acq On : 16 Dec 2024 13:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Dec 16 16:47:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	76578	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	298630	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	192062	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	358020	20.000	ng	0.00
76) Chrysene-d12	14.027	240	282501	20.000	ng	0.00
86) Perylene-d12	15.533	264	236486	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	94639	20.344	ng	0.00
7) Phenol-d6	6.492	99	127200	20.645	ng	0.00
23) Nitrobenzene-d5	7.410	82	119665	20.048	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	45327	19.954	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	270749	19.381	ng	0.00
79) Terphenyl-d14	12.951	244	352398	19.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	20526	10.244	ng	95
3) Pyridine	3.428	79	45270	9.756	ng	100
4) n-Nitrosodimethylamine	3.351	42	22689	9.699	ng	99
6) Aniline	6.516	93	55946	10.620	ng	# 80
8) 2-Chlorophenol	6.639	128	52812	10.411	ng	97
9) Benzaldehyde	6.404	77	40257	11.792	ng	97
10) Phenol	6.510	94	64718	10.135	ng	91
11) bis(2-Chloroethyl)ether	6.581	93	47546	9.984	ng	97
12) 1,3-Dichlorobenzene	6.786	146	58952	10.199	ng	98
13) 1,4-Dichlorobenzene	6.863	146	61319	10.451	ng	98
14) 1,2-Dichlorobenzene	7.016	146	57259	10.343	ng	97
15) Benzyl Alcohol	6.998	79	43771	9.936	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	57243	10.204	ng	94
17) 2-Methylphenol	7.110	107	42307	10.446	ng	97
18) Hexachloroethane	7.351	117	22224	10.174	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	38459	10.406	ng	99
20) 3+4-Methylphenols	7.269	107	57077	10.628	ng	# 84
22) Acetophenone	7.257	105	75049	10.046	ng	96
24) Nitrobenzene	7.428	77	61294	10.024	ng	100
25) Isophorone	7.669	82	100405	10.039	ng	99
26) 2-Nitrophenol	7.751	139	27623	9.808	ng	97
27) 2,4-Dimethylphenol	7.786	122	32852	9.988	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	61752	9.886	ng	98
29) 2,4-Dichlorophenol	8.004	162	46274	10.191	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	52790	10.141	ng	99
31) Naphthalene	8.145	128	168002	10.241	ng	99
32) Benzoic acid	7.898	122	25770	8.261	ng	98
33) 4-Chloroaniline	8.204	127	55948	10.269	ng	98
34) Hexachlorobutadiene	8.257	225	35099	10.022	ng	97
35) Caprolactam	8.557	113	13417	9.925	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	51876	10.150	ng	97
37) 2-Methylnaphthalene	8.839	142	109525	10.093	ng	99
38) 1-Methylnaphthalene	8.939	142	110917	10.335	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	55018	9.320	ng	99
41) Hexachlorocyclopentadiene	8.986	237	8781	8.866	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	32555	9.006	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140857.D
 Acq On : 16 Dec 2024 13:05
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

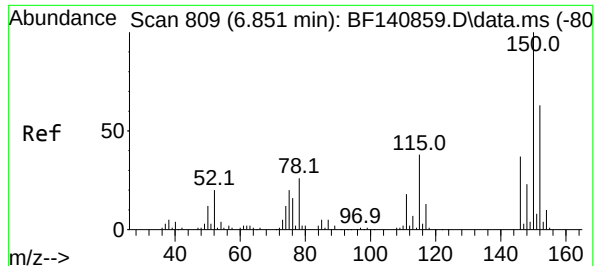
Quant Time: Dec 16 16:47:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	35030	8.817	ng	99
46) 1,1'-Biphenyl	9.298	154	145227	9.509	ng	99
47) 2-Chloronaphthalene	9.327	162	111077	9.507	ng	99
48) 2-Nitroaniline	9.433	65	33225	9.416	ng	98
49) Acenaphthylene	9.739	152	174905	10.187	ng	98
50) Dimethylphthalate	9.598	163	131257	9.693	ng	99
51) 2,6-Dinitrotoluene	9.669	165	30431	9.831	ng	97
52) Acenaphthene	9.916	154	114273	10.419	ng	99
53) 3-Nitroaniline	9.845	138	30367	9.885	ng	100
54) 2,4-Dinitrophenol	9.986	184	8488	11.701	ng	95
55) Dibenzofuran	10.086	168	180108	10.598	ng	99
56) 4-Nitrophenol	10.051	139	8781m	9.461	ng	
57) 2,4-Dinitrotoluene	10.080	165	42109	10.339	ng	99
58) Fluorene	10.427	166	146155	10.424	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	29950	9.251	ng	94
60) Diethylphthalate	10.292	149	142484	10.147	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	72010	10.224	ng	99
62) 4-Nitroaniline	10.457	138	31962	9.956	ng	98
63) Azobenzene	10.580	77	135524	10.267	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	17756	8.752	ng	97
66) n-Nitrosodiphenylamine	10.539	169	121500	11.038	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	44385	11.082	ng	98
68) Hexachlorobenzene	10.980	284	50135	11.040	ng	99
69) Atrazine	11.063	200	36472	11.864	ng	100
70) Pentachlorophenol	11.192	266	11171m	6.725	ng	
71) Phenanthrene	11.392	178	193504	10.510	ng	99
72) Anthracene	11.445	178	190407	10.502	ng	99
73) Carbazole	11.604	167	182199	10.259	ng	100
74) Di-n-butylphthalate	11.921	149	215903	10.359	ng	99
75) Fluoranthene	12.586	202	231038	10.896	ng	100
77) Benzidine	12.716	184	45074	7.818	ng	99
78) Pyrene	12.815	202	242761	9.663	ng	99
80) Butylbenzylphthalate	13.427	149	86987	9.411	ng	98
81) Benzo(a)anthracene	14.015	228	208127	10.395	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	60368	9.994	ng	98
83) Chrysene	14.057	228	181387	9.963	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	113963	9.562	ng	100
85) Di-n-octyl phthalate	14.627	149	165198	9.161	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	138792	9.405	ng	99
88) Benzo(b)fluoranthene	15.104	252	173313	10.558	ng	99
89) Benzo(k)fluoranthene	15.127	252	147840	10.499	ng	99
90) Benzo(a)pyrene	15.474	252	128194	9.973	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	116533	9.532	ng	99
92) Benzo(g,h,i)perylene	17.492	276	114976	9.240	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

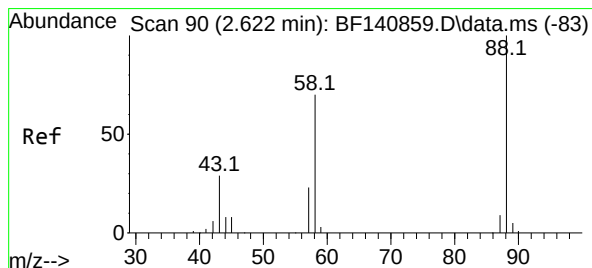
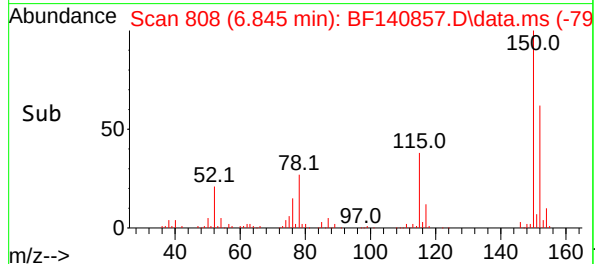
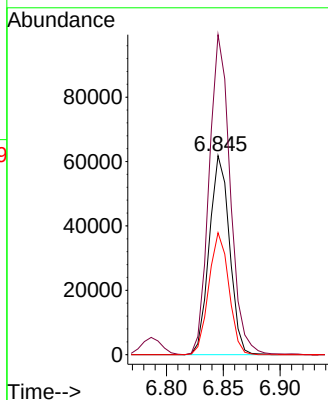
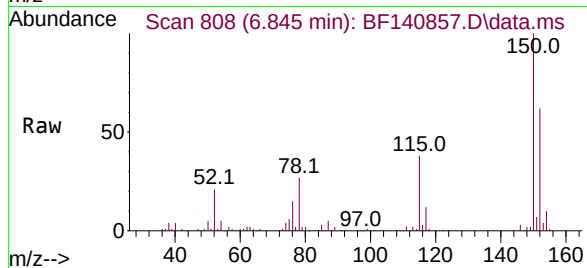
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

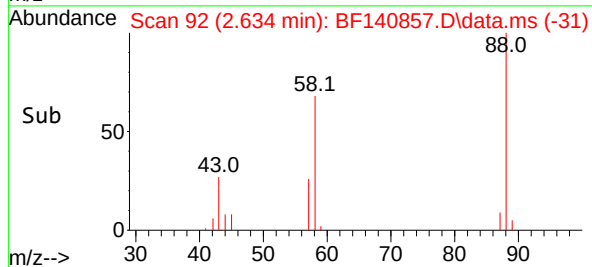
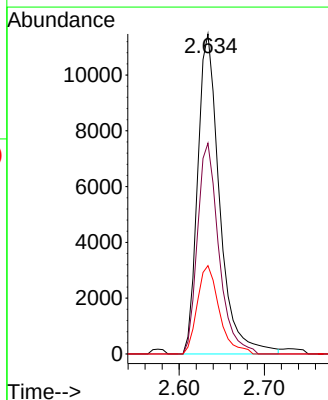
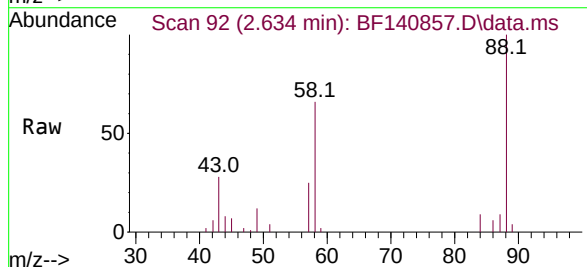
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

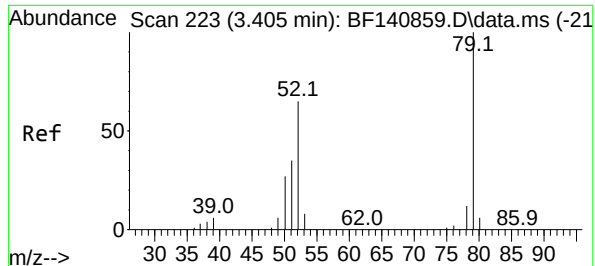
Tgt Ion:152 Resp: 76578
Ion Ratio Lower Upper
152 100
150 160.8 127.9 191.9
115 61.3 48.0 72.0



#2
1,4-Dioxane
Concen: 10.244 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 88 Resp: 20526
Ion Ratio Lower Upper
88 100
58 64.0 55.8 83.8
43 27.6 22.7 34.1





#3

Pyridine

Concen: 9.756 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

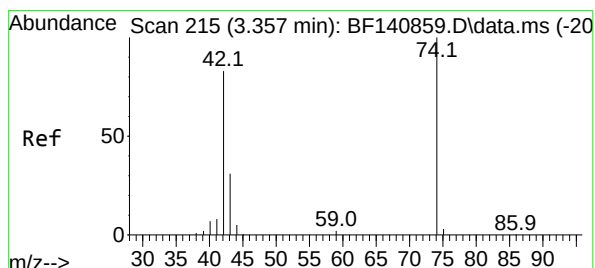
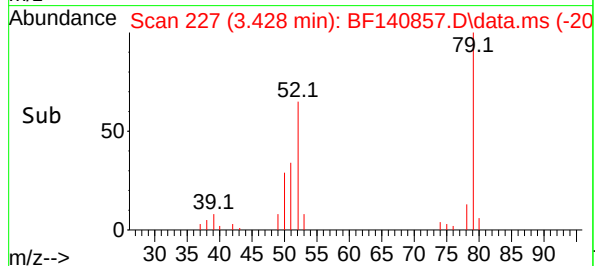
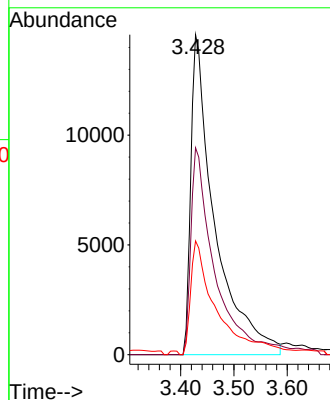
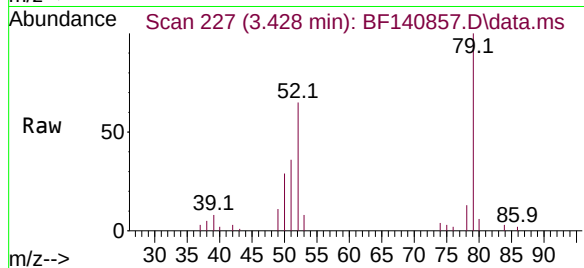
Tgt Ion: 79 Resp: 45270

Ion Ratio Lower Upper

79 100

52 64.7 51.7 77.5

51 35.6 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 9.699 ng

RT: 3.351 min Scan# 214

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

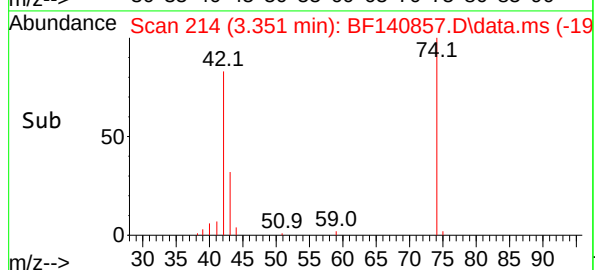
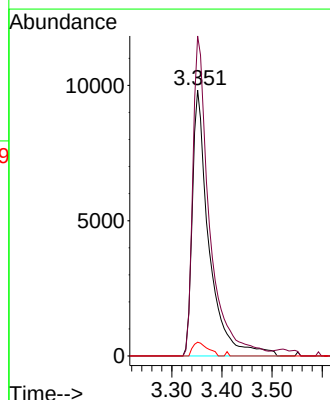
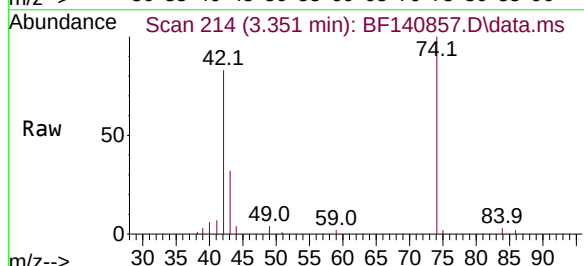
Tgt Ion: 42 Resp: 22689

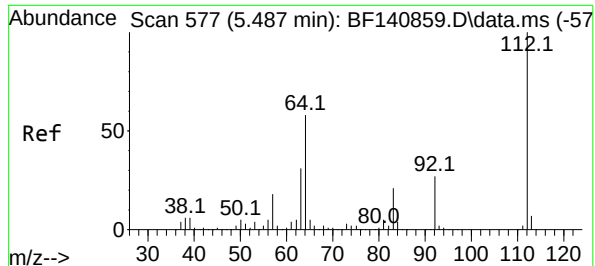
Ion Ratio Lower Upper

42 100

74 120.4 96.9 145.3

44 5.2 4.4 6.6

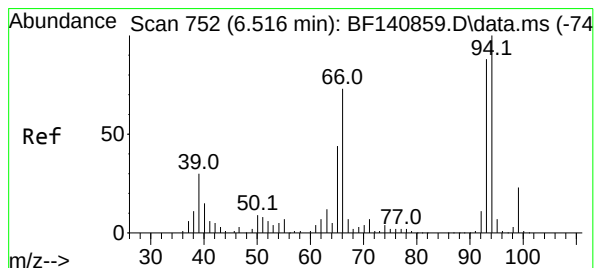
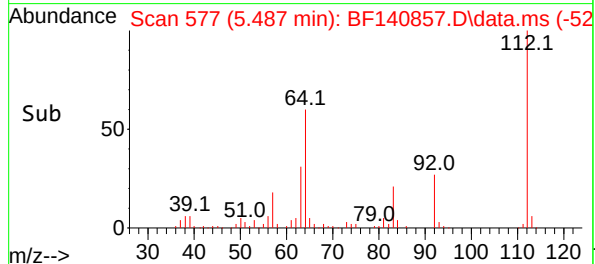
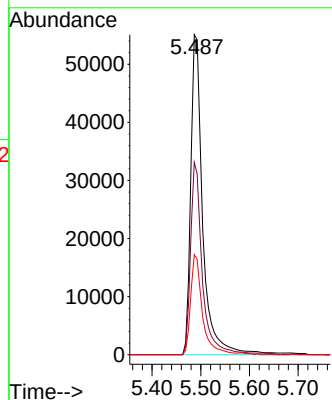
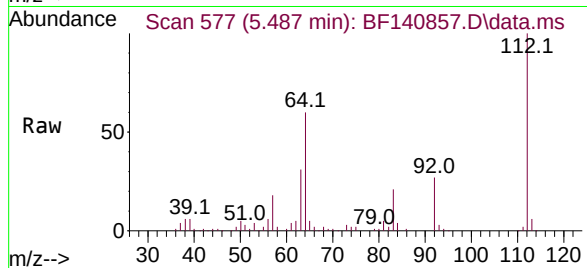




#5
2-Fluorophenol
Concen: 20.344 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

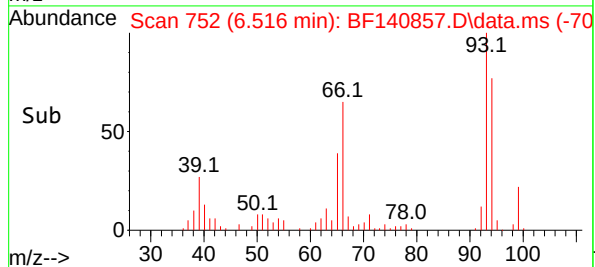
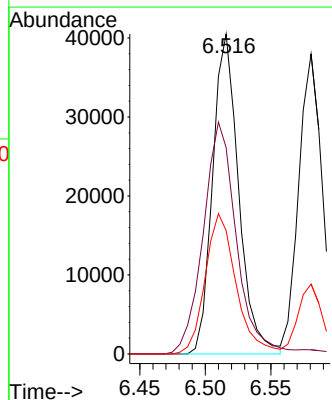
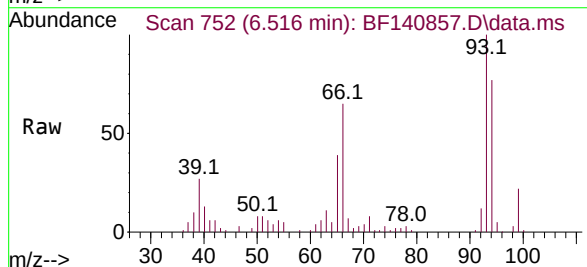
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

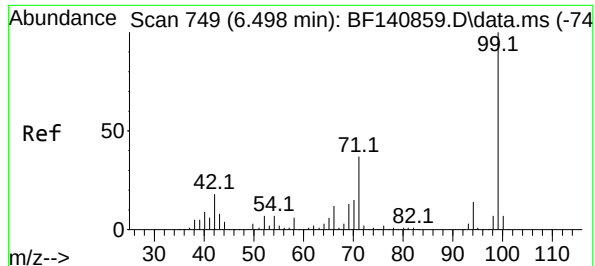
Tgt Ion:112 Resp: 94639
Ion Ratio Lower Upper
112 100
64 60.1 46.1 69.1
63 31.3 24.9 37.3



#6
Aniline
Concen: 10.620 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 93 Resp: 55946
Ion Ratio Lower Upper
93 100
66 64.5 67.0 100.4#
65 38.5 40.4 60.6#





#7

Phenol-d6

Concen: 20.645 ng

RT: 6.492 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

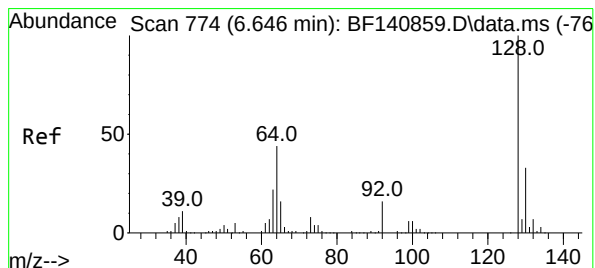
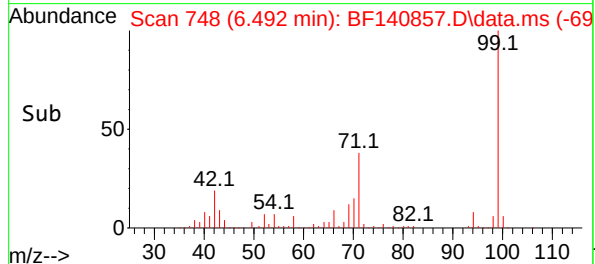
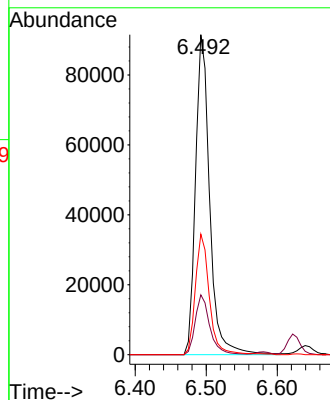
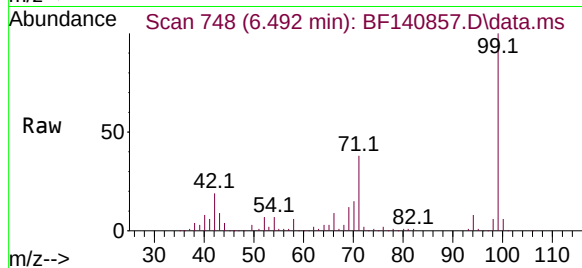
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 99 Resp: 127200

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.3	21.5
71	37.6	29.9	44.9



#8

2-Chlorophenol

Concen: 10.411 ng

RT: 6.639 min Scan# 773

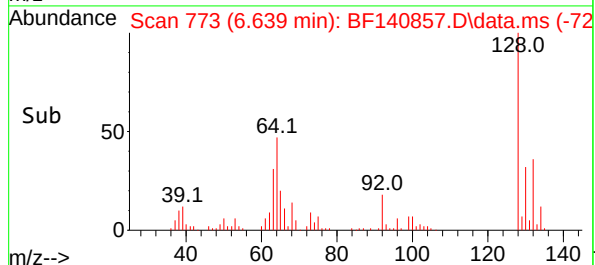
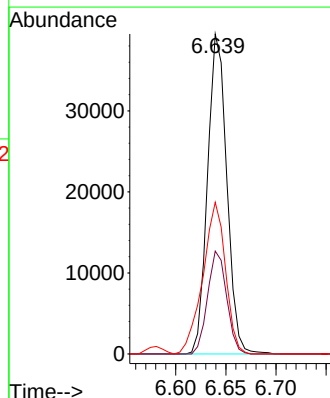
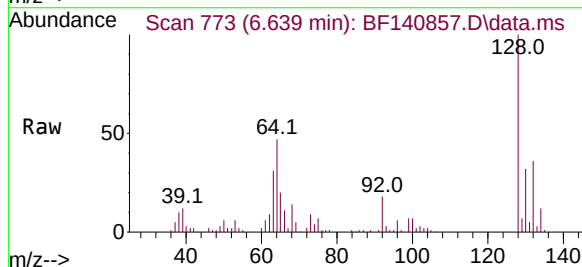
Delta R.T. -0.006 min

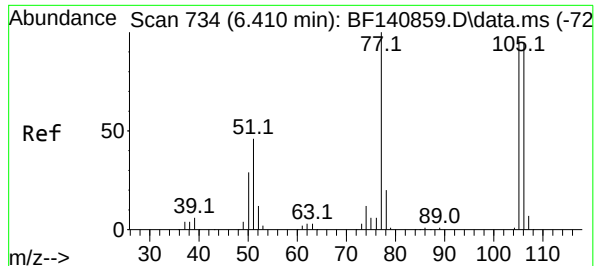
Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Tgt Ion: 128 Resp: 52812

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	47.4	24.3	64.3





#9

Benzaldehyde

Concen: 11.792 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

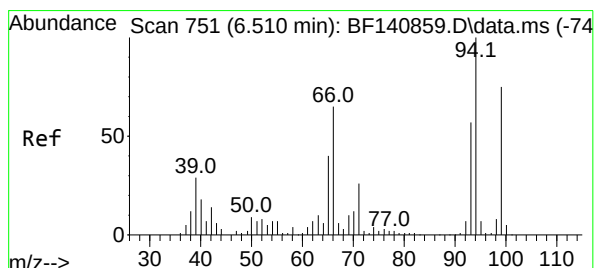
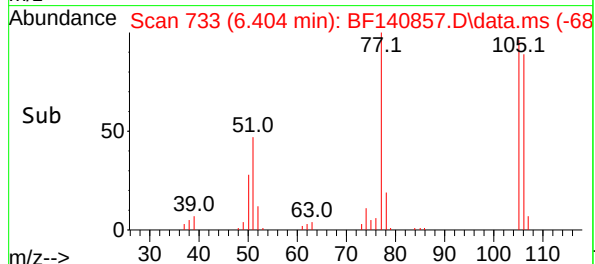
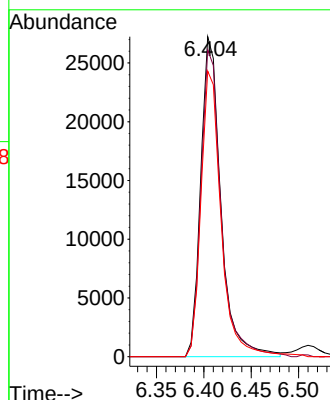
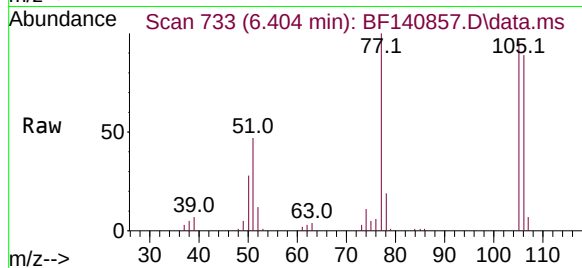
Tgt Ion: 77 Resp: 40257

Ion Ratio Lower Upper

77 100

105 95.9 75.8 115.8

106 89.3 74.1 114.1



#10

Phenol

Concen: 10.135 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

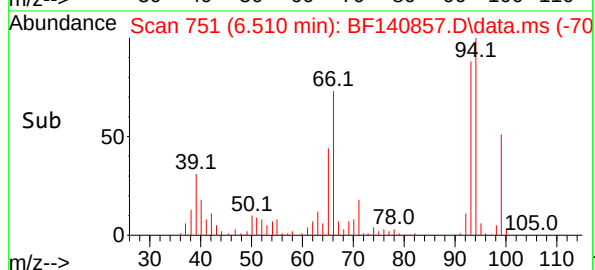
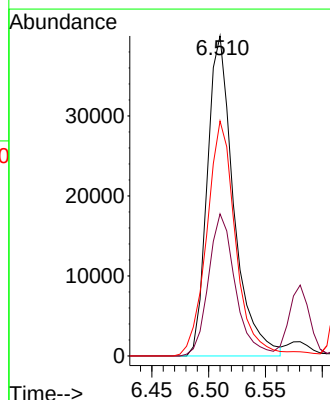
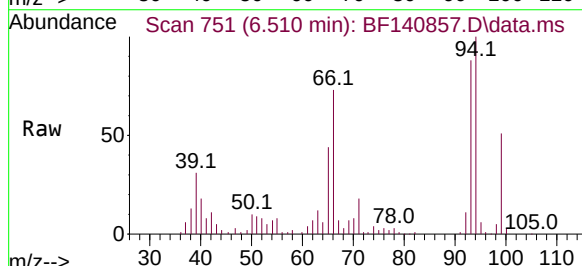
Tgt Ion: 94 Resp: 64718

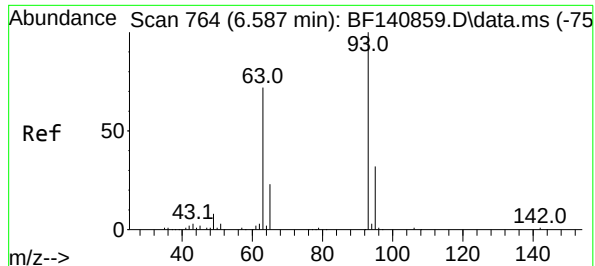
Ion Ratio Lower Upper

94 100

65 44.4 19.9 59.9

66 73.4 45.6 85.6

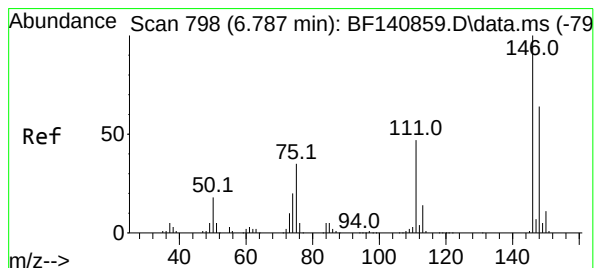
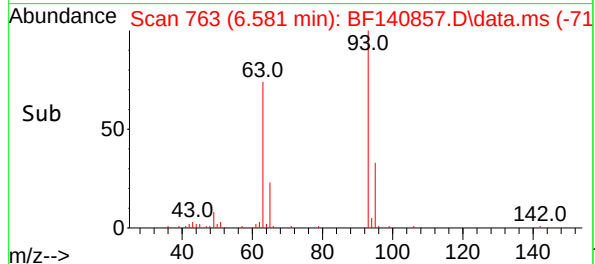
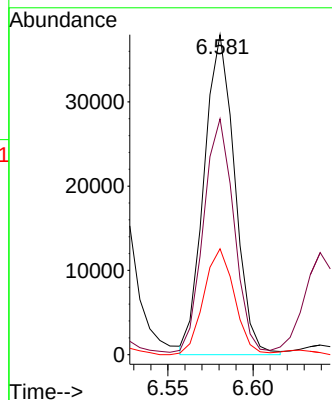
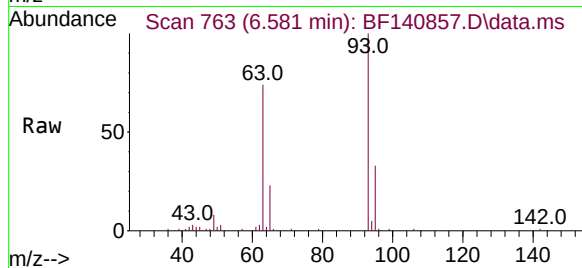




#11
bis(2-Chloroethyl)ether
Concen: 9.984 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

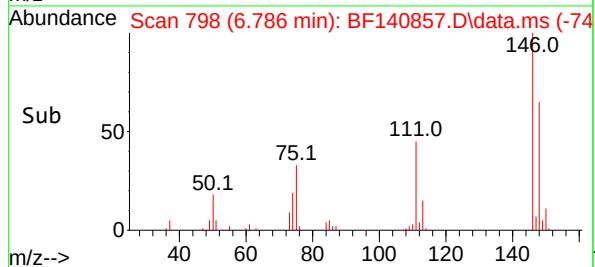
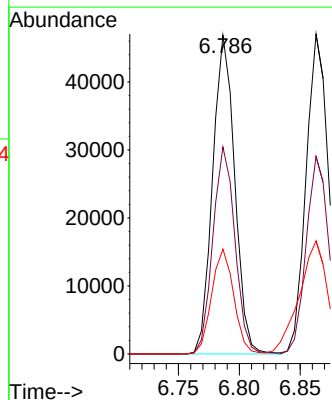
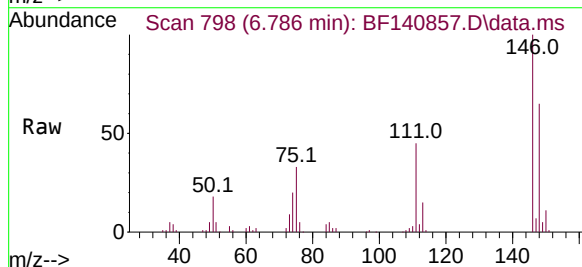
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

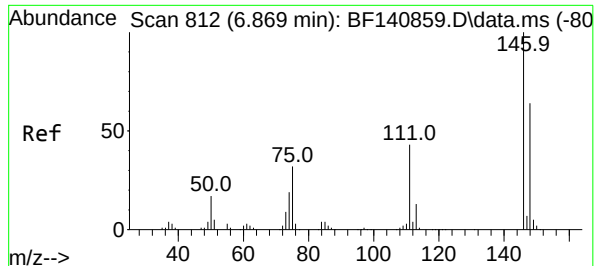
Tgt Ion: 93 Resp: 47546
Ion Ratio Lower Upper
93 100
63 73.7 51.0 91.0
95 33.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 10.199 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 146 Resp: 58952
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
75 32.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 10.451 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

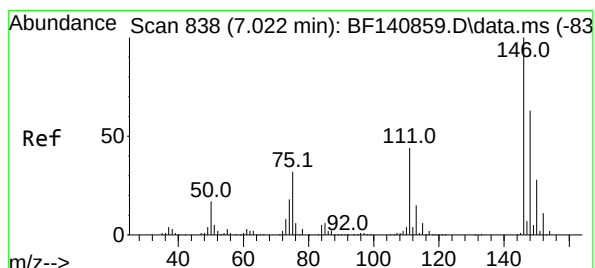
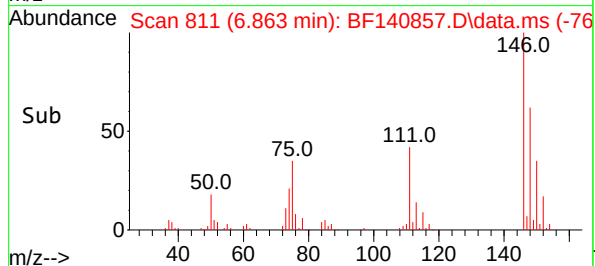
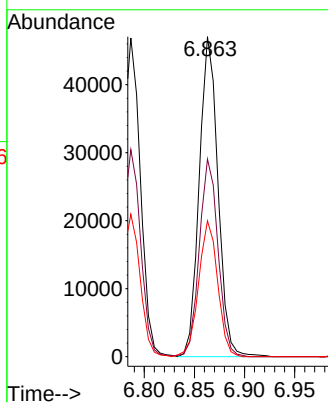
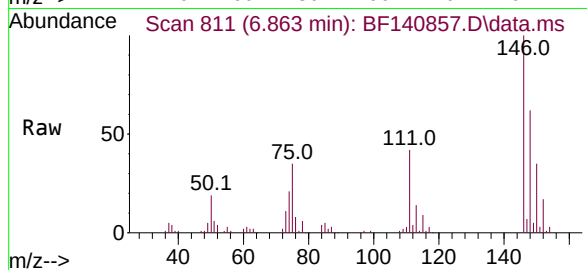
Tgt Ion:146 Resp: 61319

Ion Ratio Lower Upper

146 100

148 61.8 51.3 76.9

111 42.5 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 10.343 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

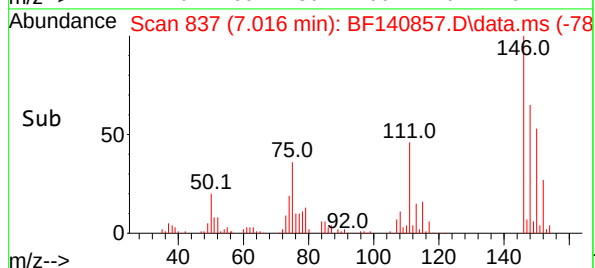
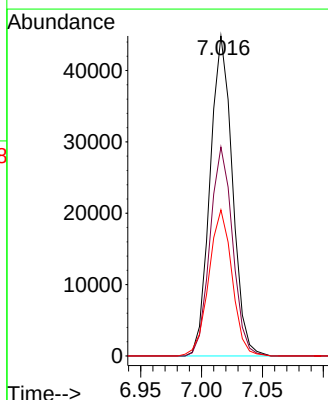
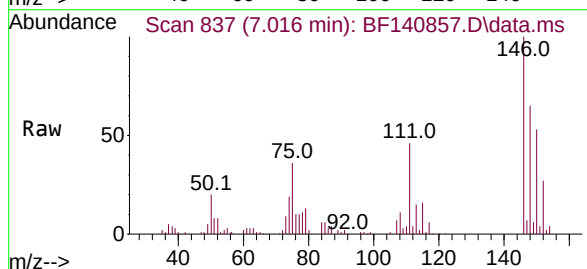
Tgt Ion:146 Resp: 57259

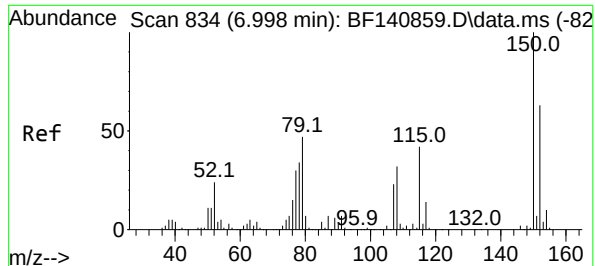
Ion Ratio Lower Upper

146 100

148 65.3 50.0 75.0

111 45.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 9.936 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

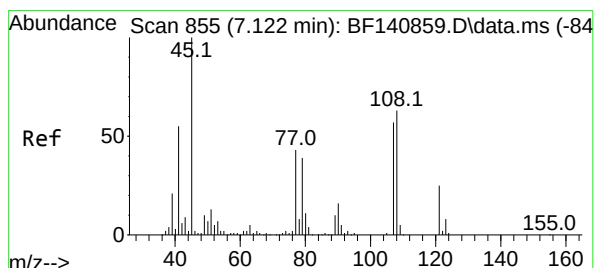
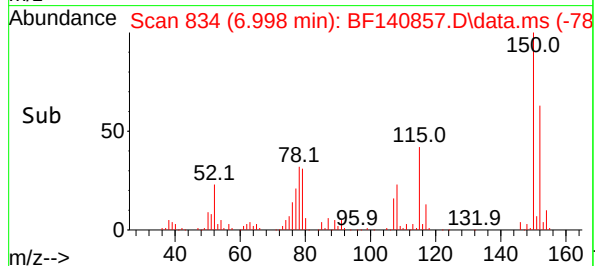
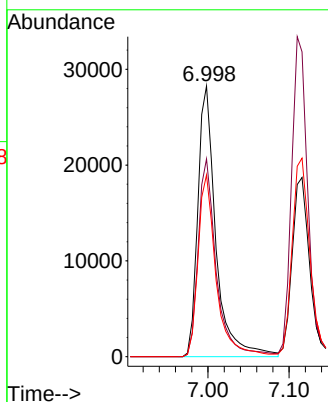
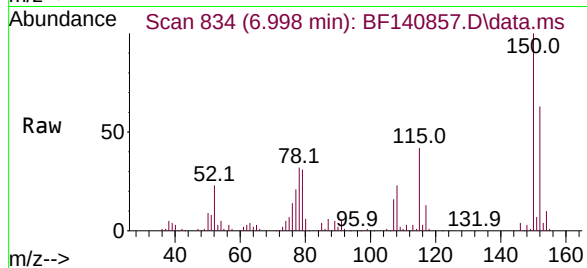
Tgt Ion: 79 Resp: 43771

Ion Ratio Lower Upper

79 100

108 73.1 55.1 82.7

77 67.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.204 ng

RT: 7.122 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

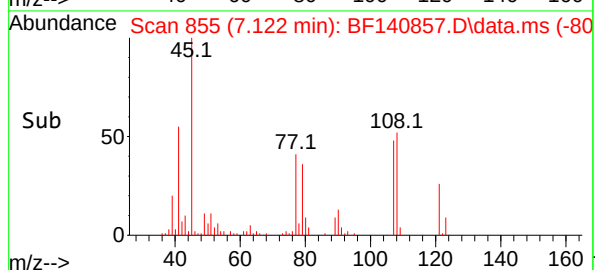
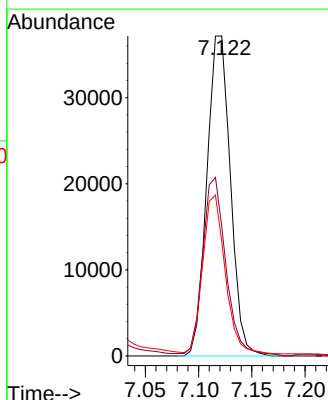
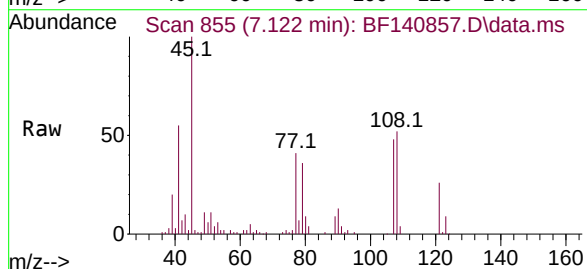
Tgt Ion: 45 Resp: 57243

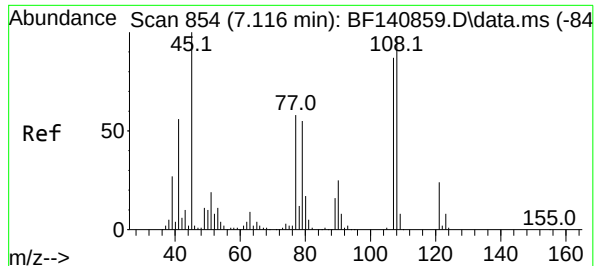
Ion Ratio Lower Upper

45 100

77 40.5 23.3 63.3

79 35.8 20.0 60.0

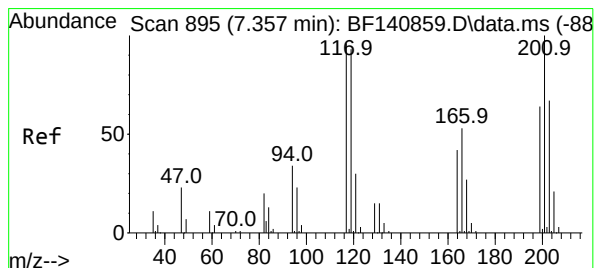
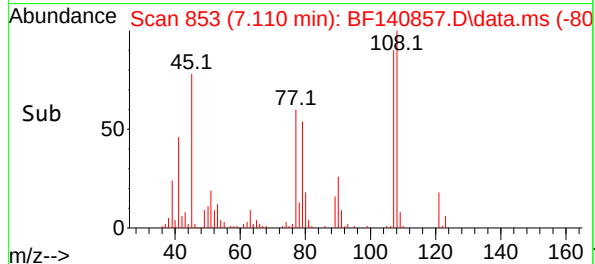
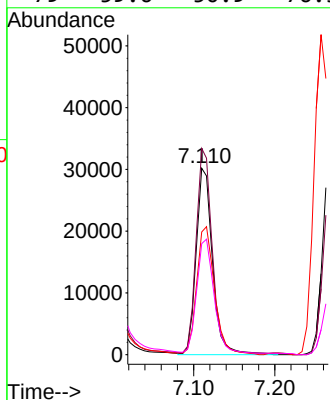
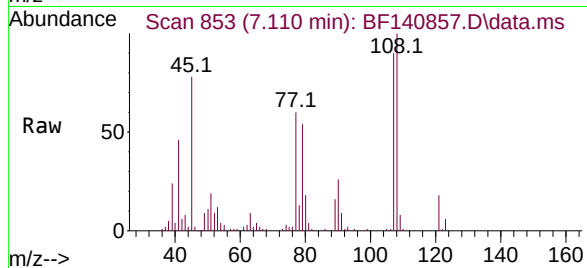




#17
2-Methylphenol
Concen: 10.446 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

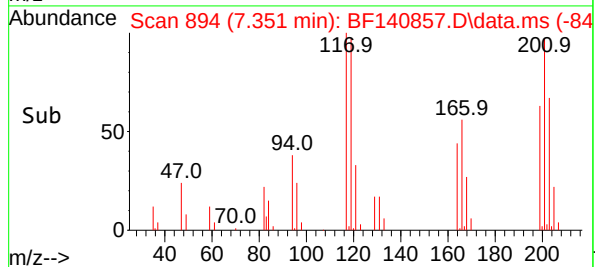
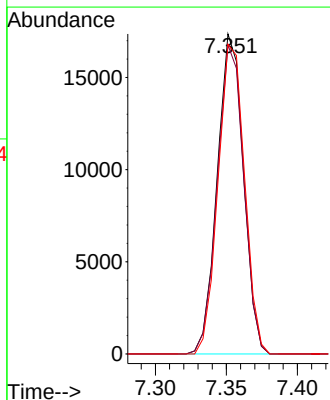
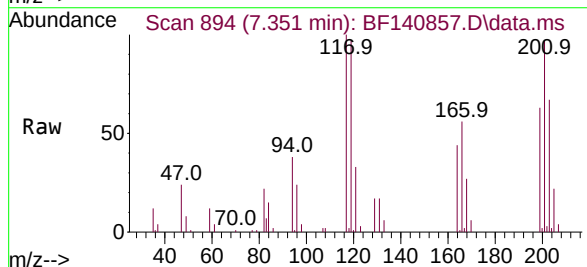
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

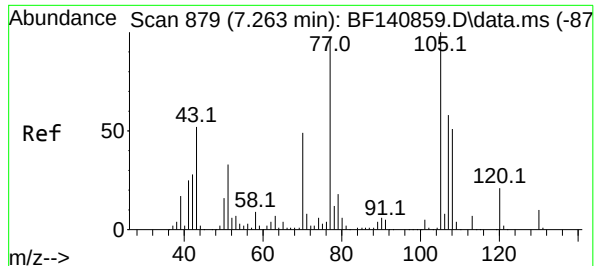
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.2	135.4
77	65.9	53.8	80.6
79	59.6	50.9	76.3



#18
Hexachloroethane
Concen: 10.174 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
201	96.8	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 10.406 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 38459

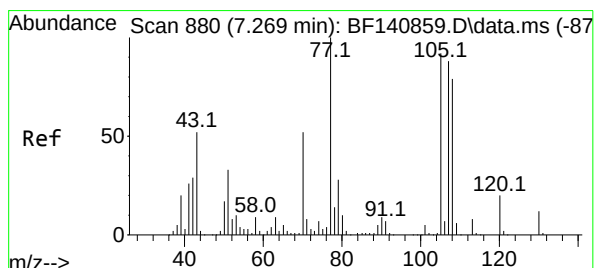
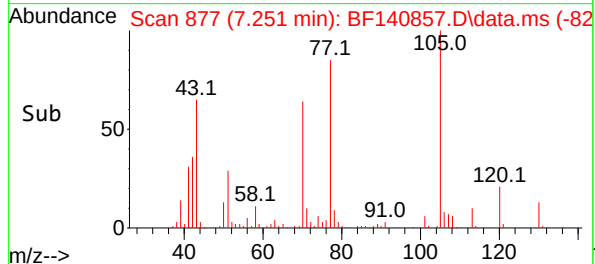
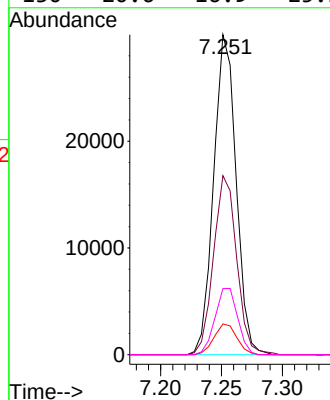
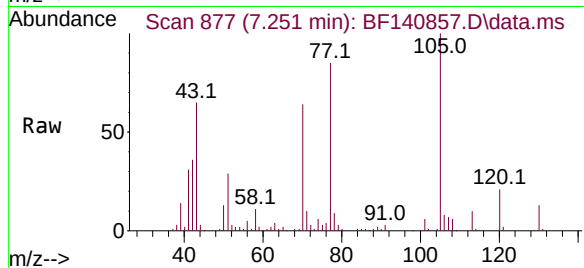
Ion Ratio Lower Upper

70 100

42 55.9 45.3 67.9

101 9.6 8.0 12.0

130 20.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 10.628 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Tgt Ion:107 Resp: 57077

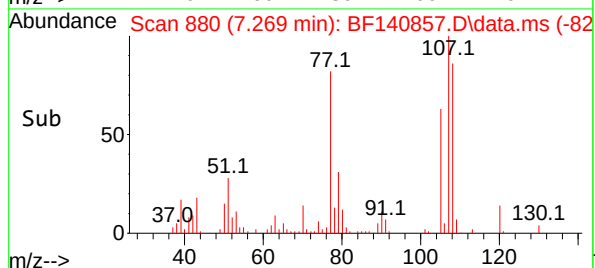
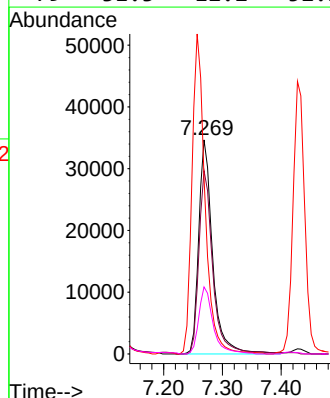
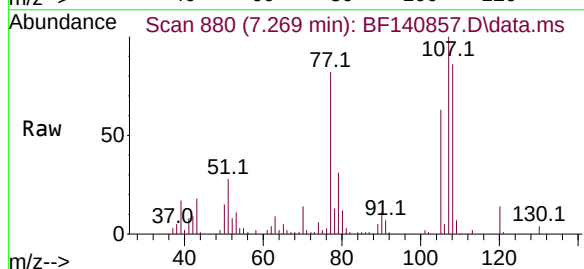
Ion Ratio Lower Upper

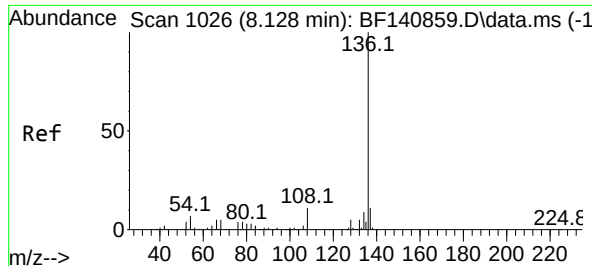
107 100

108 85.6 70.1 110.1

77 82.3 94.4 134.4#

79 31.3 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 298630

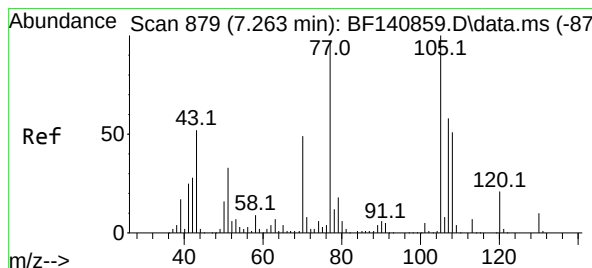
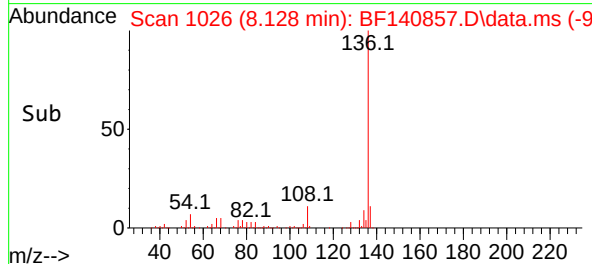
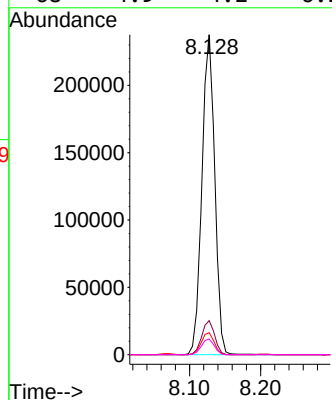
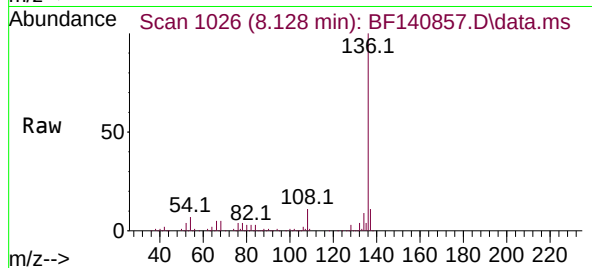
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.9 5.6 8.4

68 4.9 4.2 6.2



#22

Acetophenone

Concen: 10.046 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Tgt Ion:105 Resp: 75049

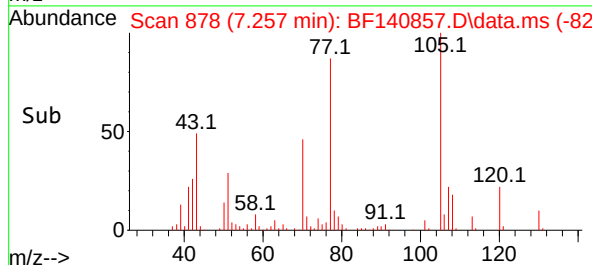
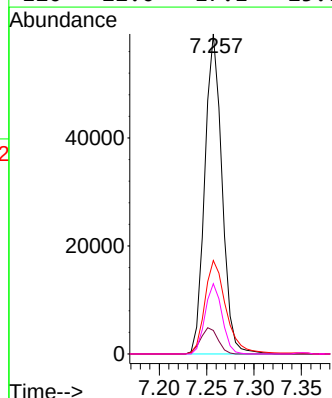
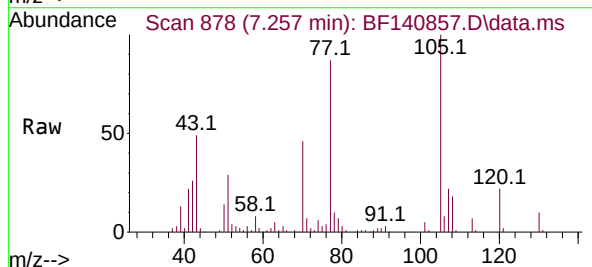
Ion Ratio Lower Upper

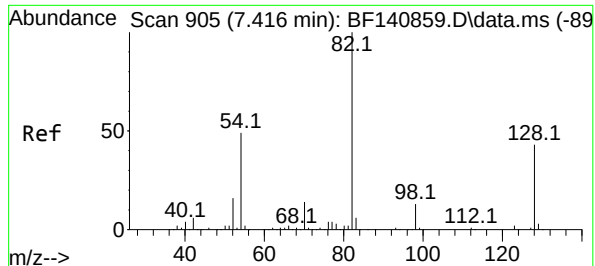
105 100

71 7.3 6.2 9.4

51 29.2 26.3 39.5

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 20.048 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

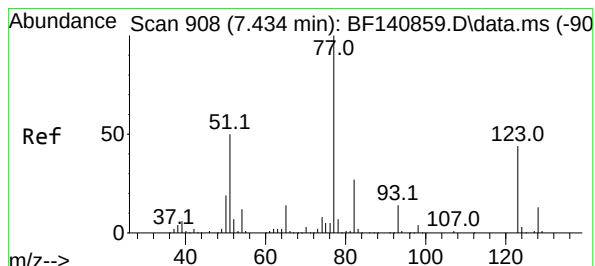
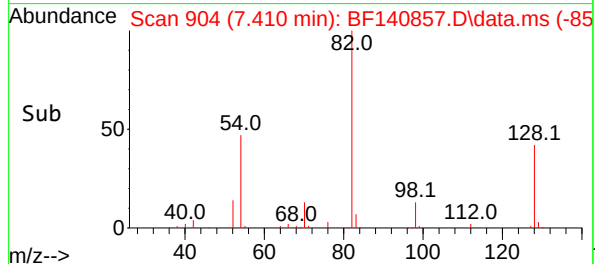
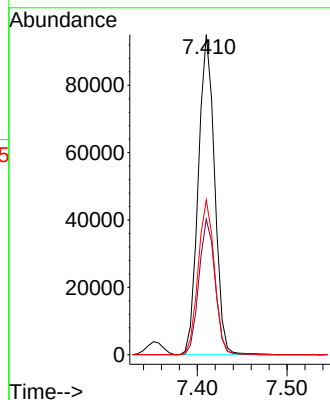
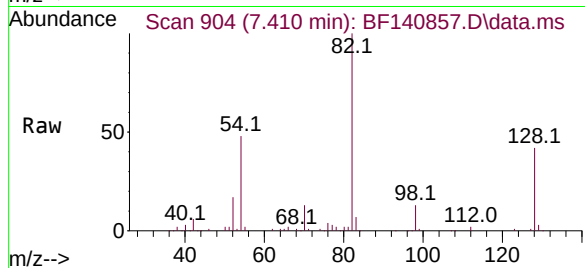
Tgt Ion: 82 Resp: 119665

Ion Ratio Lower Upper

82 100

128 42.3 34.4 51.6

54 48.3 38.8 58.2



#24

Nitrobenzene

Concen: 10.024 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

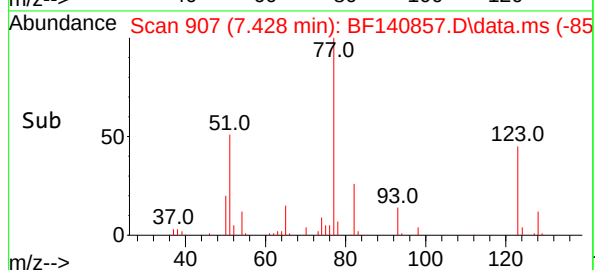
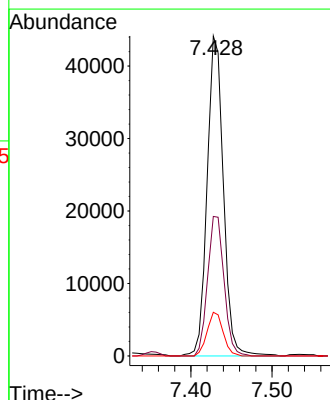
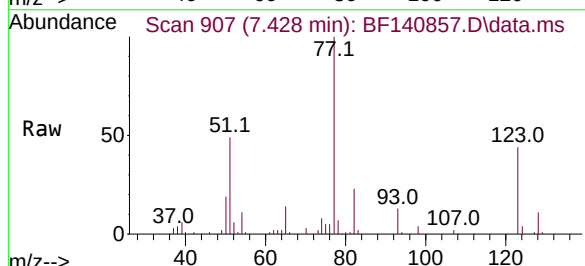
Tgt Ion: 77 Resp: 61294

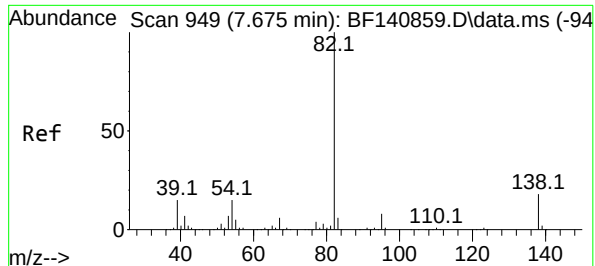
Ion Ratio Lower Upper

77 100

123 43.6 35.0 52.4

65 13.7 11.4 17.0





#25

Isophorone

Concen: 10.039 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

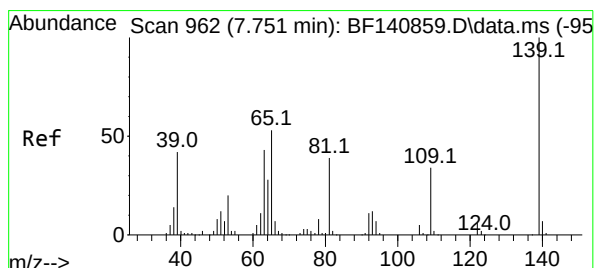
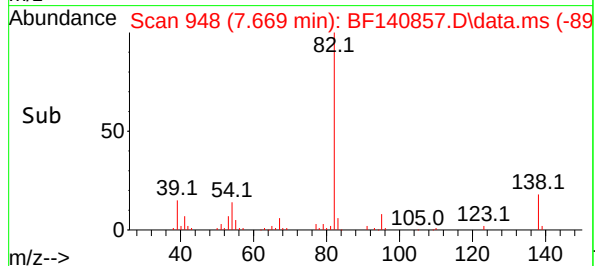
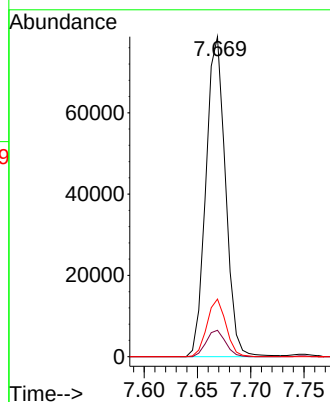
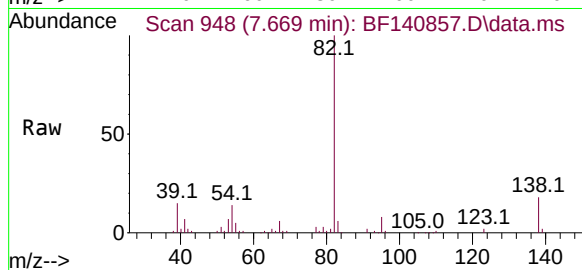
Tgt Ion: 82 Resp: 100405

Ion Ratio Lower Upper

82 100

95 8.3 6.3 9.5

138 18.0 14.1 21.1



#26

2-Nitrophenol

Concen: 9.808 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

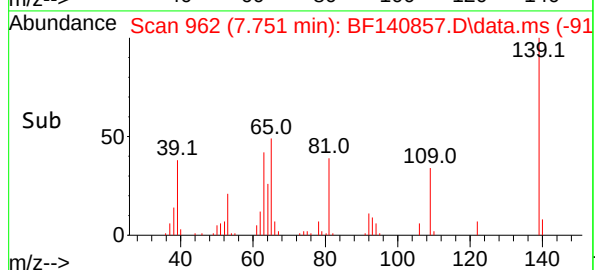
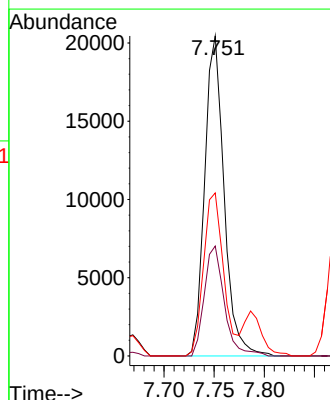
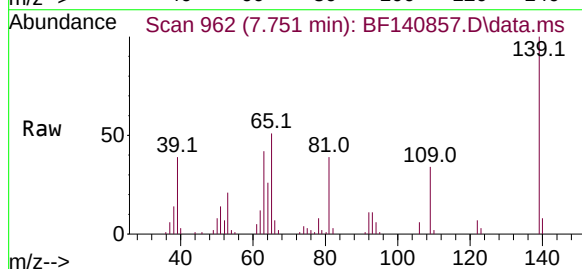
Tgt Ion:139 Resp: 27623

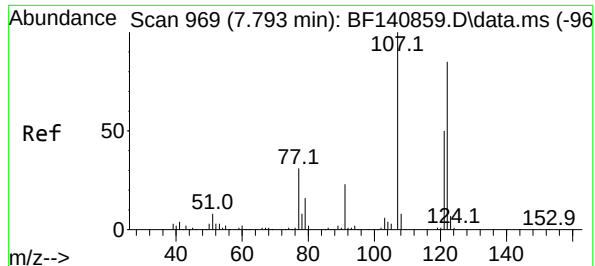
Ion Ratio Lower Upper

139 100

109 34.3 26.9 40.3

65 51.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 9.988 ng

RT: 7.786 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

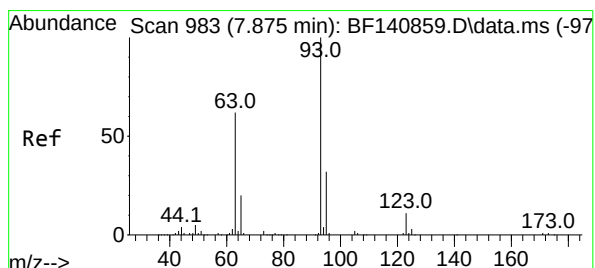
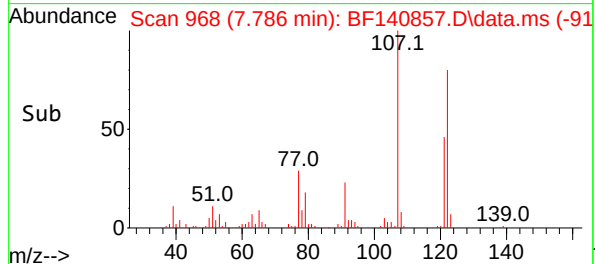
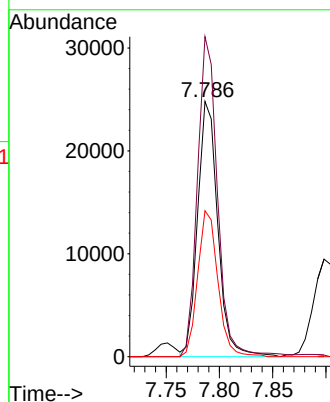
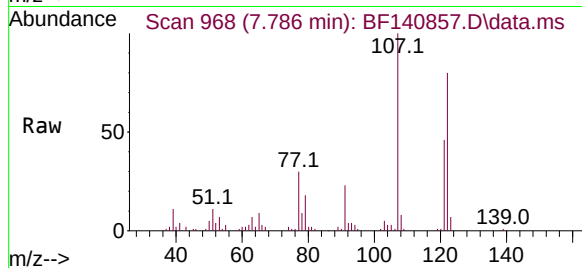
Tgt Ion:122 Resp: 32852

Ion Ratio Lower Upper

122 100

107 125.4 92.6 139.0

121 57.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 9.886 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

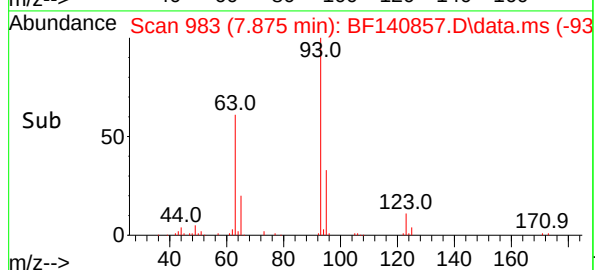
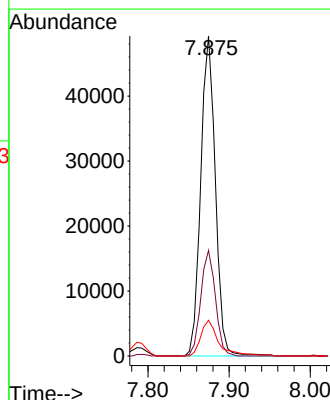
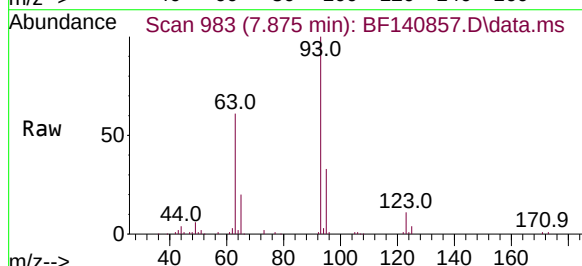
Tgt Ion: 93 Resp: 61752

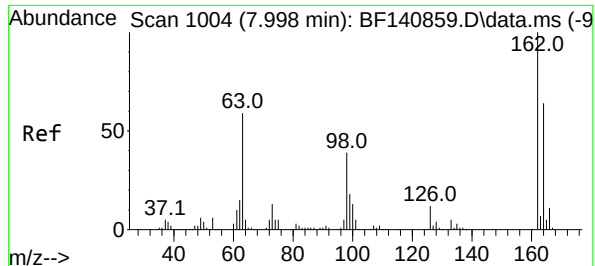
Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

123 11.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 10.191 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

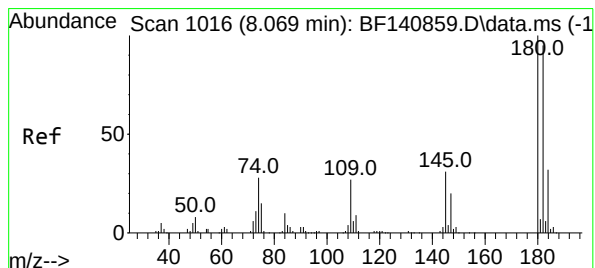
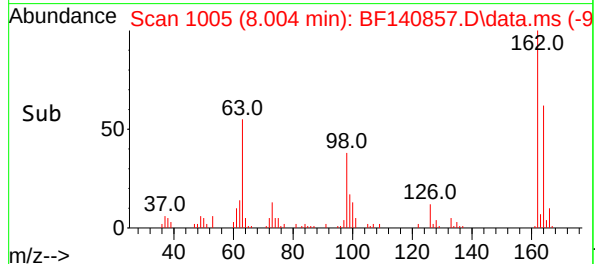
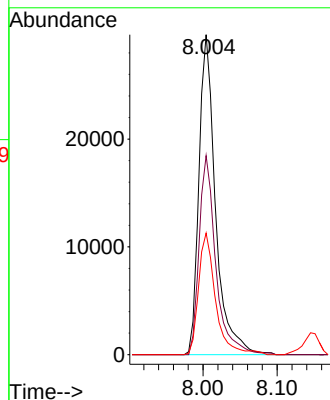
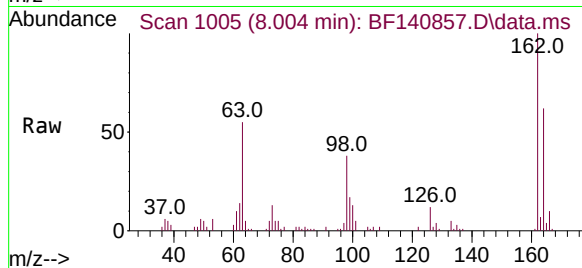
Tgt Ion:162 Resp: 46274

Ion Ratio Lower Upper

162 100

164 62.2 43.7 83.7

98 38.0 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 10.141 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

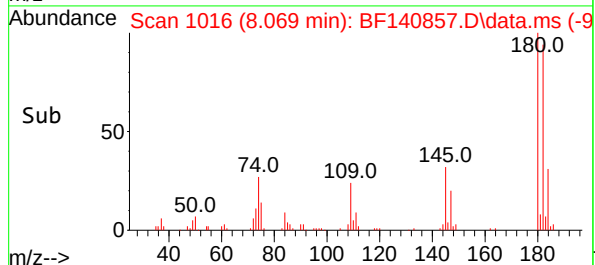
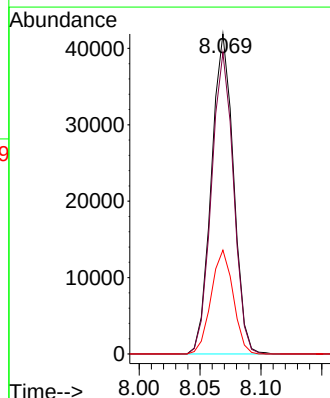
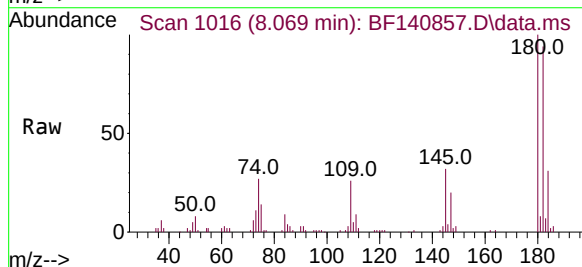
Tgt Ion:180 Resp: 52790

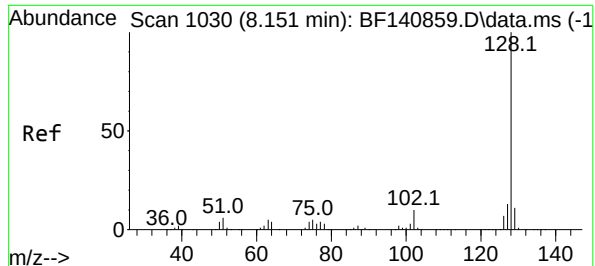
Ion Ratio Lower Upper

180 100

182 94.2 75.8 113.6

145 32.4 25.2 37.8





#31

Naphthalene

Concen: 10.241 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

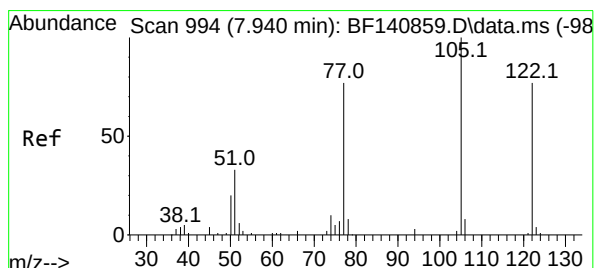
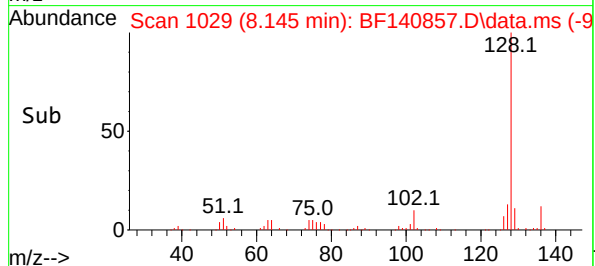
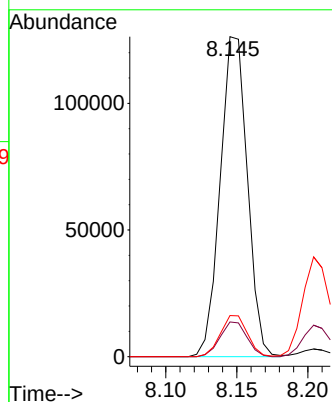
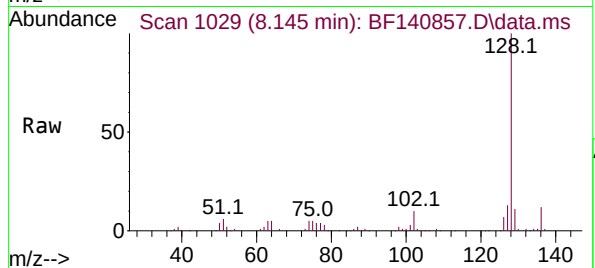
Tgt Ion:128 Resp: 168002

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.8 10.6 16.0



#32

Benzoic acid

Concen: 8.261 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.042 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

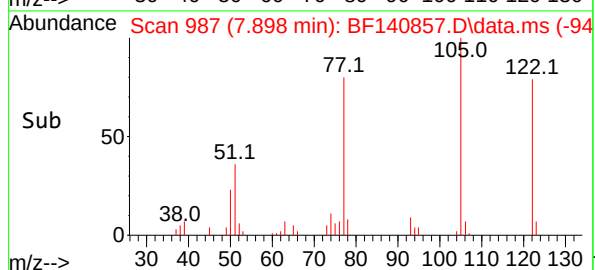
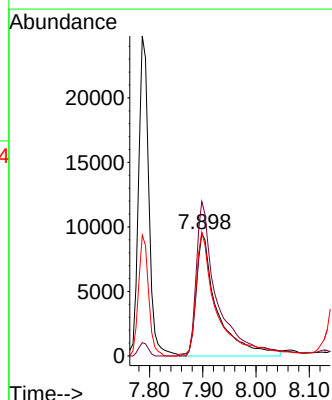
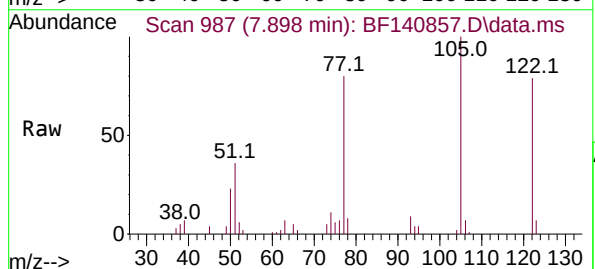
Tgt Ion:122 Resp: 25770

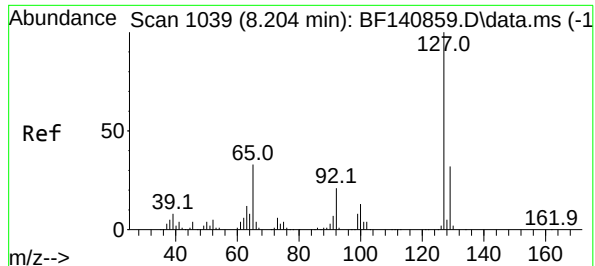
Ion Ratio Lower Upper

122 100

105 126.2 108.3 148.3

77 101.3 78.8 118.8





#33

4-Chloroaniline

Concen: 10.269 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 55948

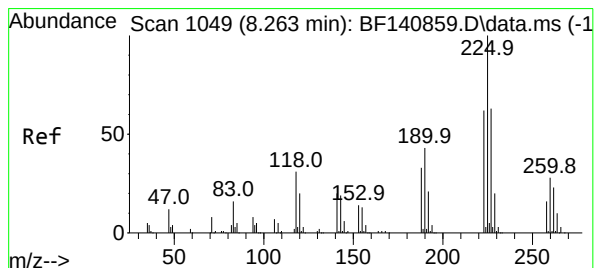
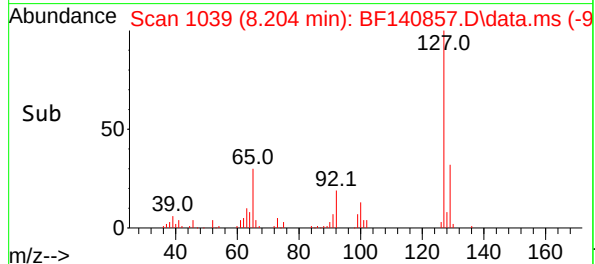
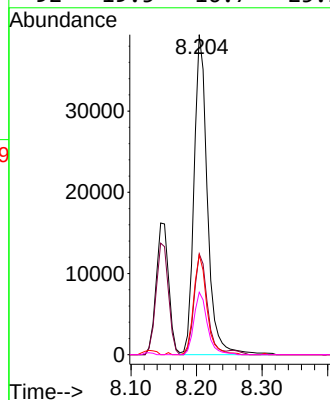
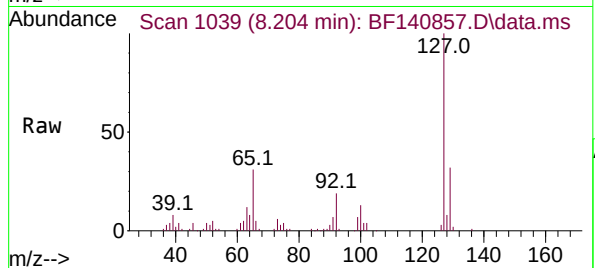
Ion Ratio Lower Upper

127 100

129 31.5 26.0 39.0

65 31.2 26.0 39.0

92 19.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 10.022 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

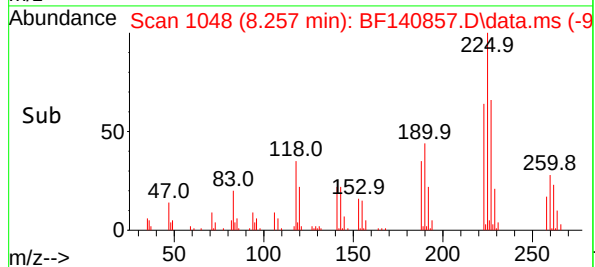
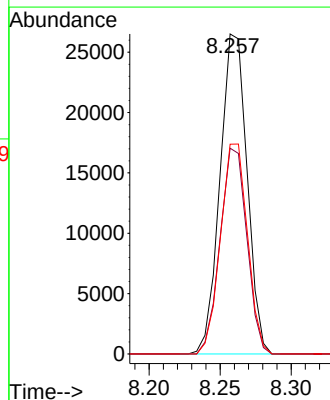
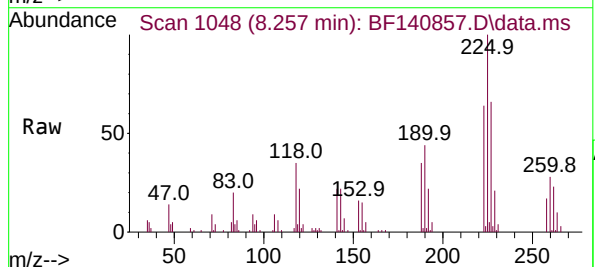
Tgt Ion:225 Resp: 35099

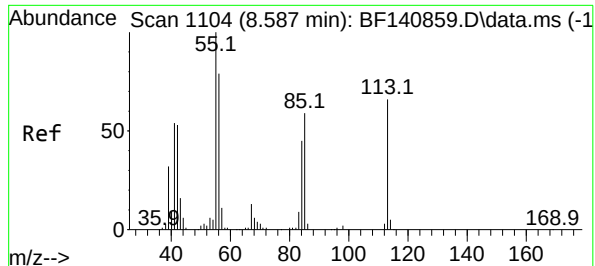
Ion Ratio Lower Upper

225 100

223 64.3 49.6 74.4

227 65.5 50.7 76.1

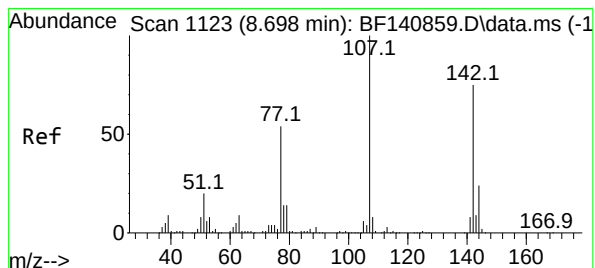
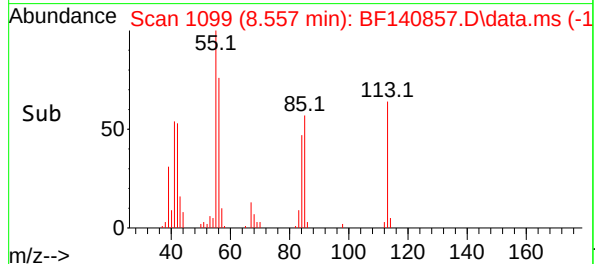
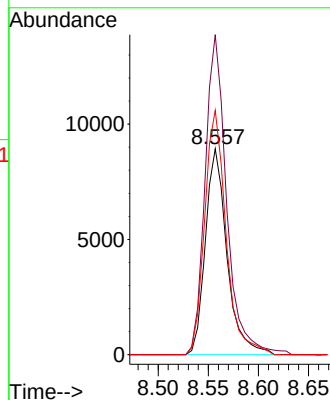
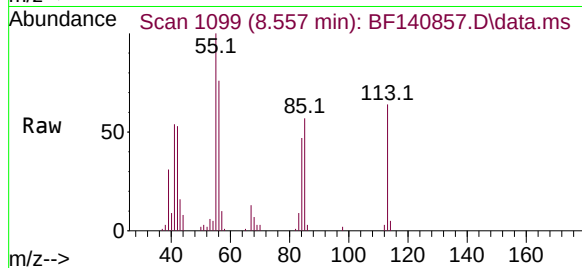




#35
Caprolactam
Concen: 9.925 ng
RT: 8.557 min Scan# 1104
Delta R.T. -0.030 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

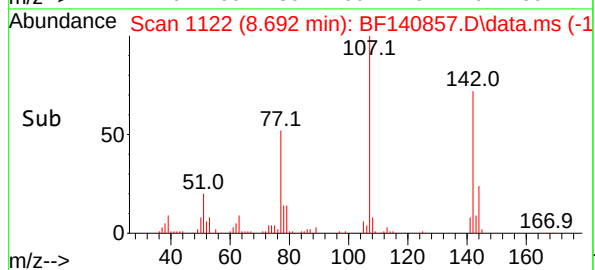
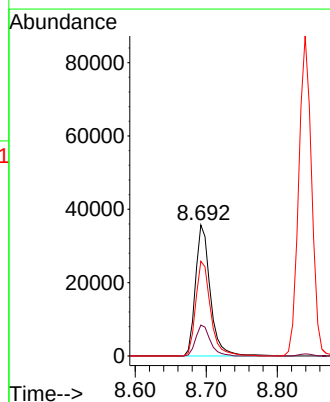
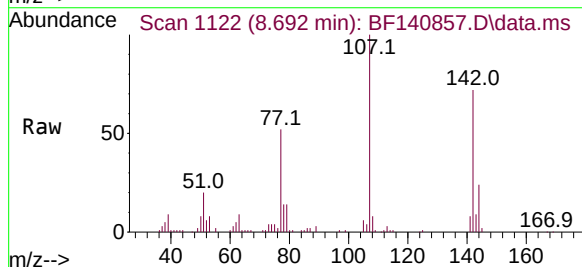
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

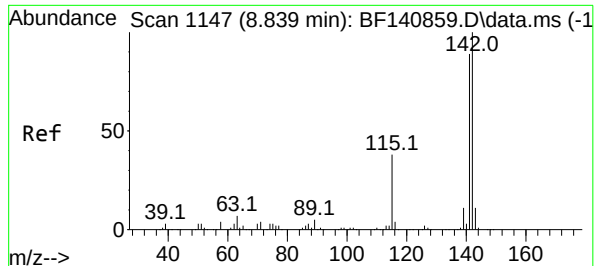
Tgt Ion:113 Resp: 13417
Ion Ratio Lower Upper
113 100
55 155.4 132.3 172.3
56 118.6 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 10.150 ng
RT: 8.692 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:107 Resp: 51876
Ion Ratio Lower Upper
107 100
144 23.6 19.4 29.2
142 72.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 10.093 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

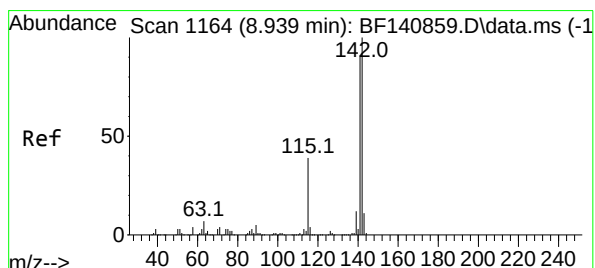
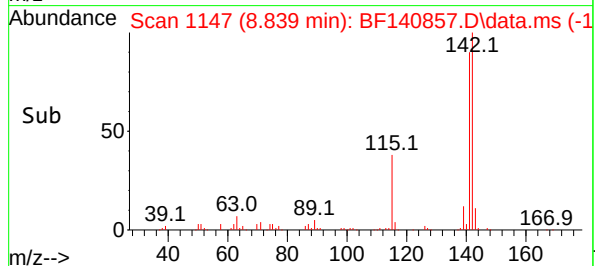
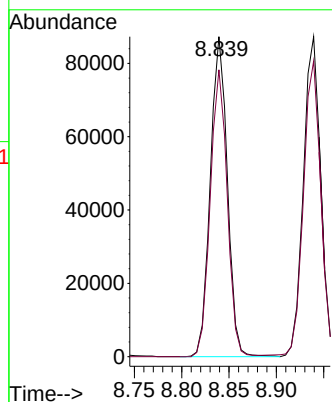
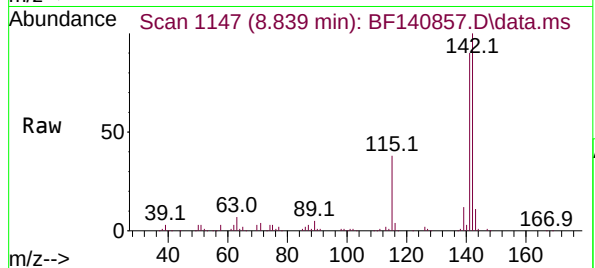
SSTDICC010

Tgt Ion:142 Resp: 109525

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 10.335 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140857.D

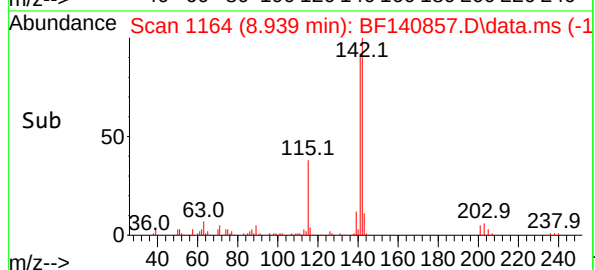
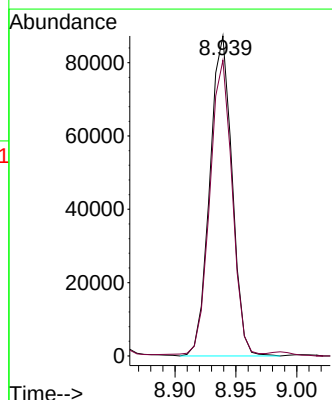
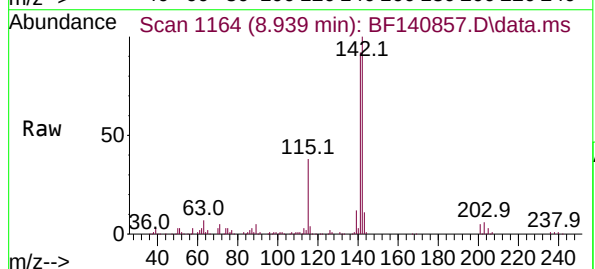
Acq: 16 Dec 2024 13:05

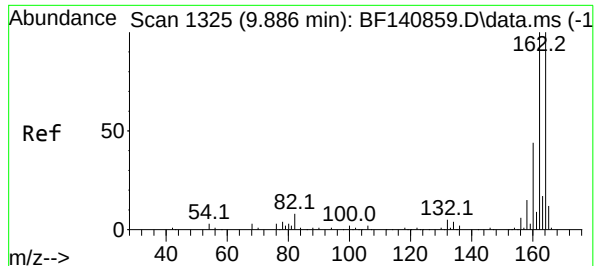
Tgt Ion:142 Resp: 110917

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

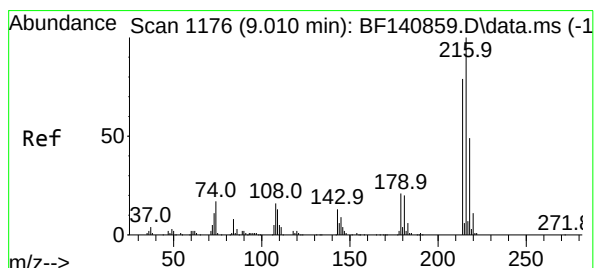
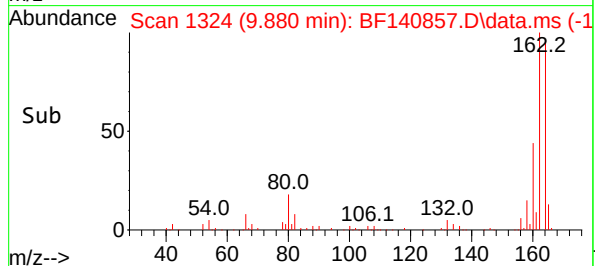
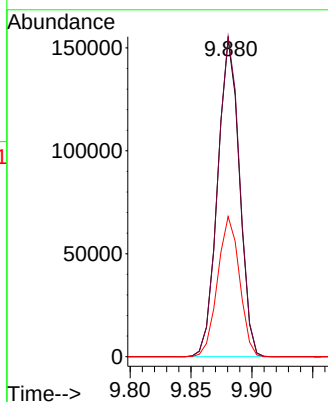
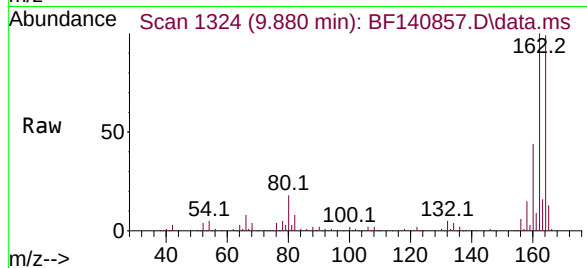
Tgt Ion:164 Resp: 192062

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

160 44.2 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.320 ng

RT: 9.004 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Tgt Ion:216 Resp: 55018

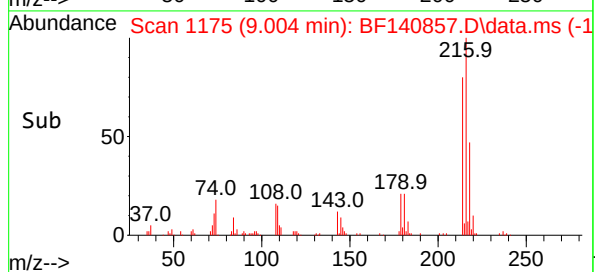
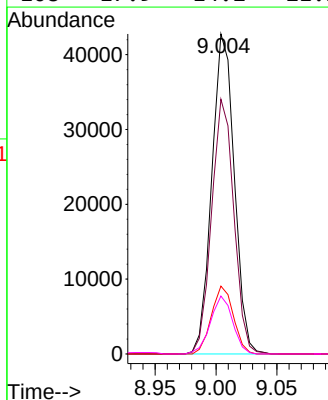
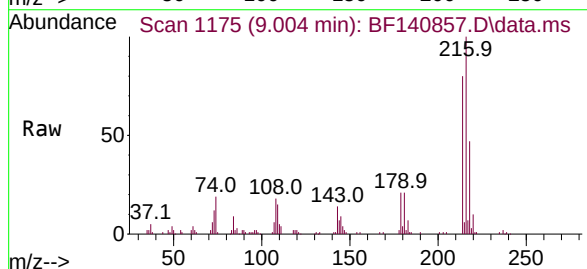
Ion Ratio Lower Upper

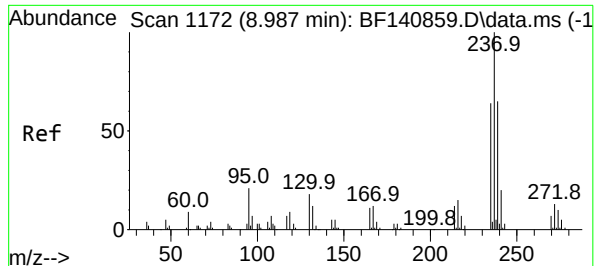
216 100

214 78.6 63.6 95.4

179 20.7 17.0 25.4

108 17.9 14.2 21.2

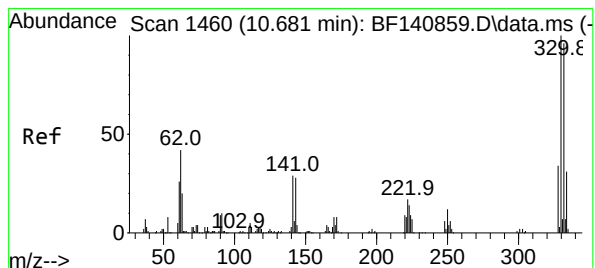
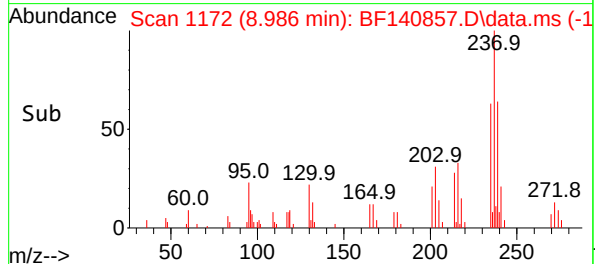
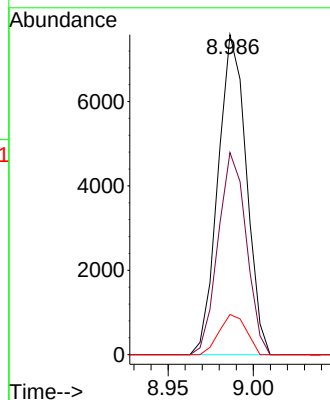
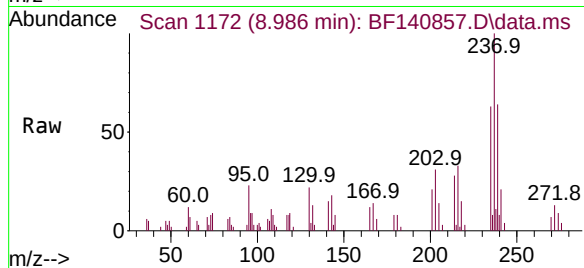




#41
Hexachlorocyclopentadiene
Concen: 8.866 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

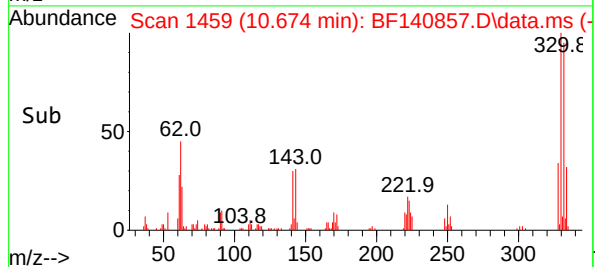
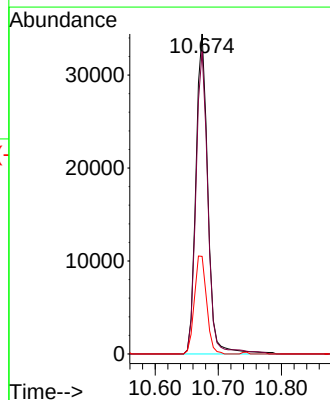
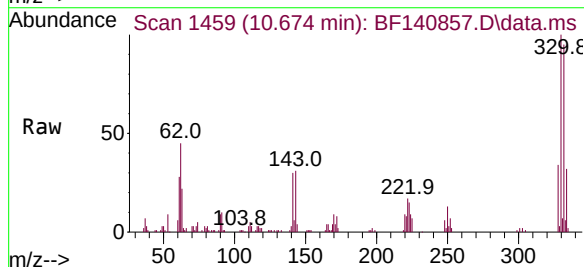
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

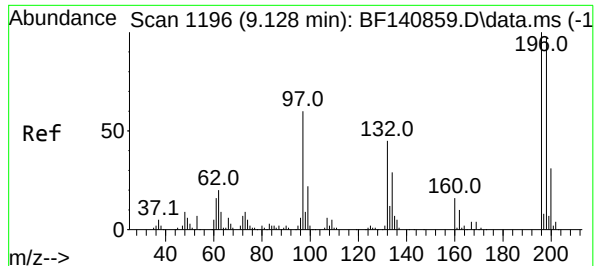
Tgt Ion: 237 Resp: 8781
Ion Ratio Lower Upper
237 100
235 63.1 43.7 83.7
272 12.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 19.954 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion: 330 Resp: 45327
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 31.1 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 9.006 ng

RT: 9.127 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

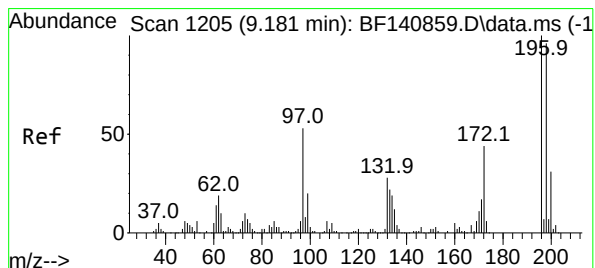
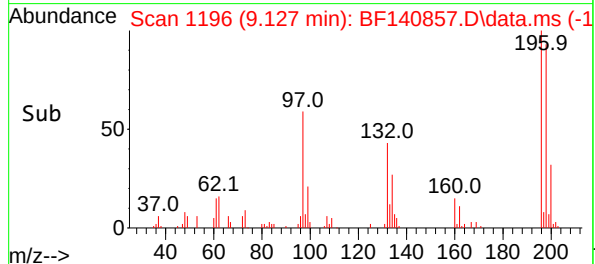
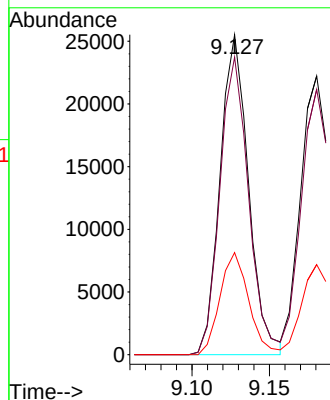
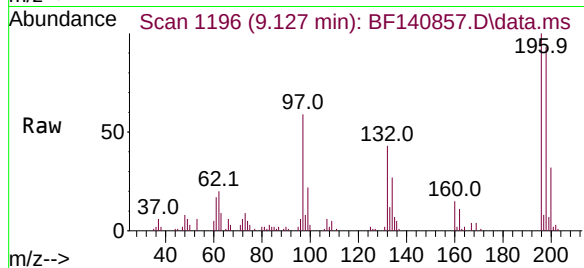
Tgt Ion:196 Resp: 32555

Ion Ratio Lower Upper

196 100

198 93.0 77.4 116.0

200 31.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 8.817 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Tgt Ion:196 Resp: 35030

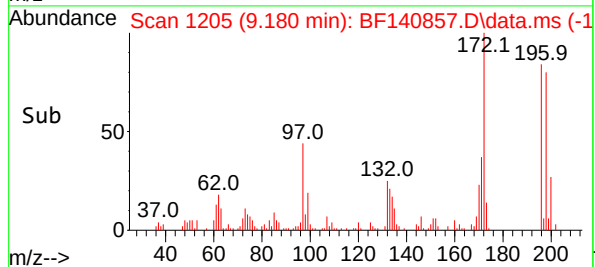
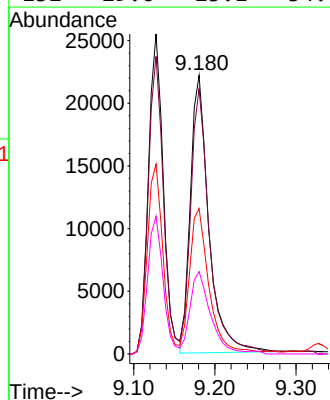
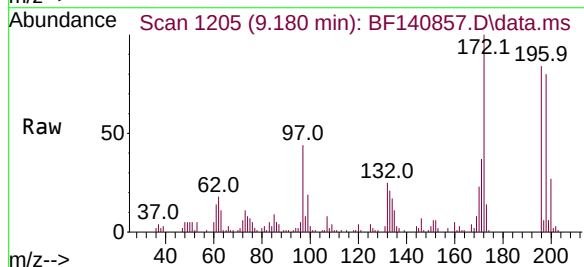
Ion Ratio Lower Upper

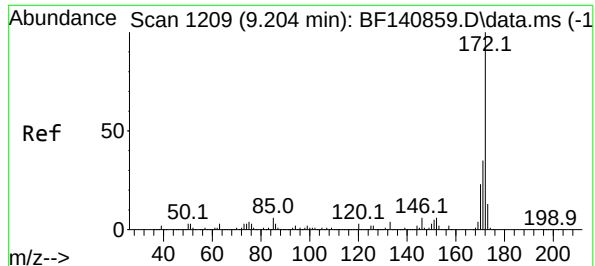
196 100

198 95.2 77.2 115.8

97 52.2 42.2 63.4

132 29.6 23.1 34.7

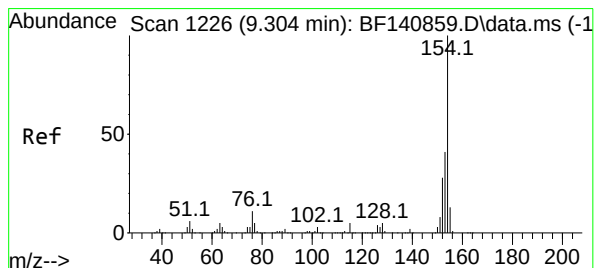
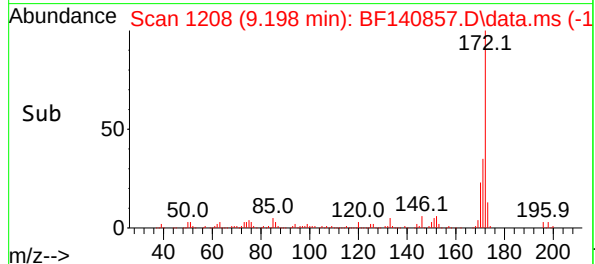
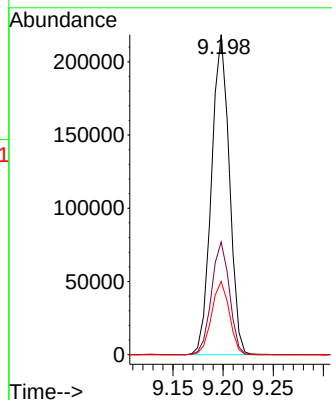
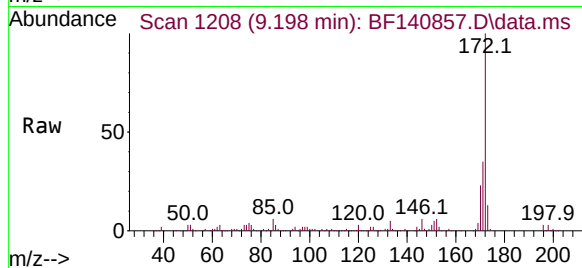




#45
2-Fluorobiphenyl
Concen: 19.381 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

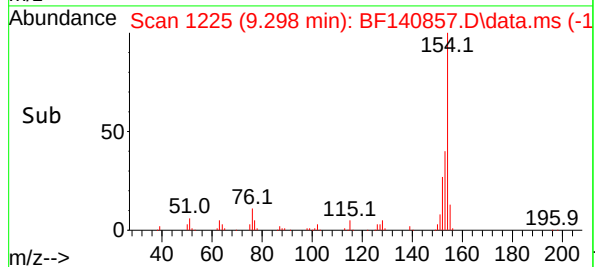
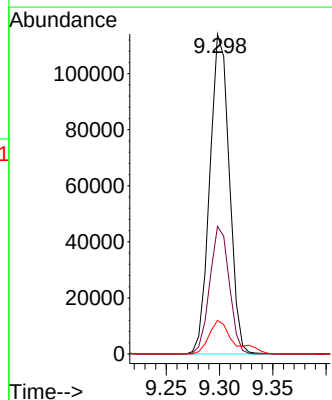
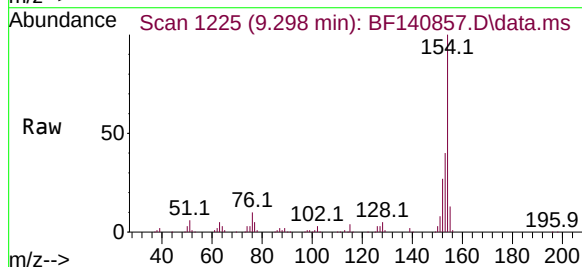
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

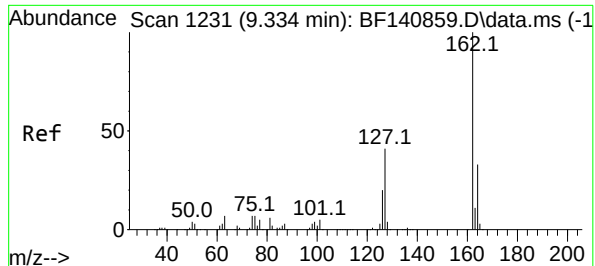
Tgt Ion:172 Resp: 270749
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 9.509 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:154 Resp: 145227
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 10.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 9.507 ng

RT: 9.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

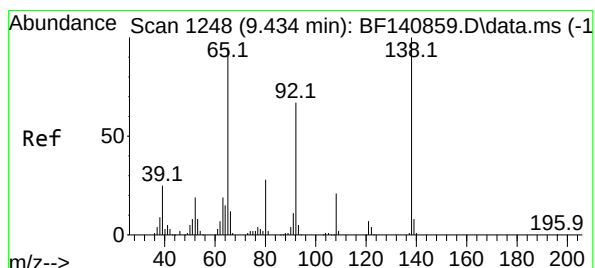
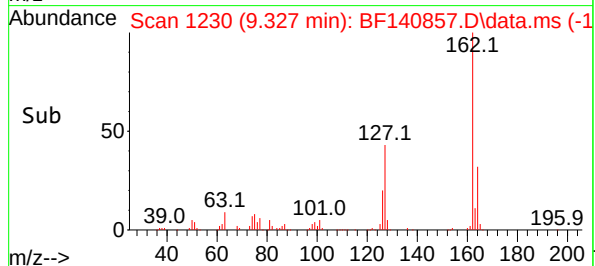
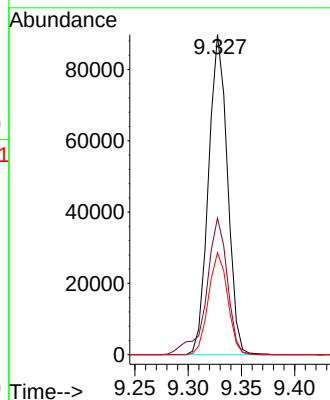
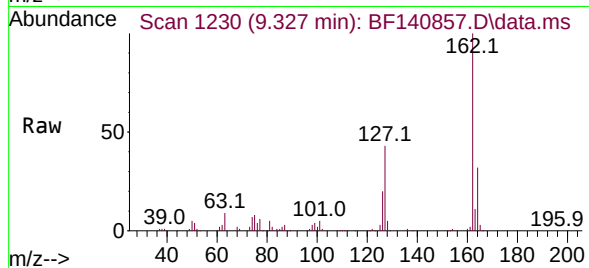
Tgt Ion:162 Resp: 111077

Ion Ratio Lower Upper

162 100

127 42.7 33.5 50.3

164 31.9 26.2 39.2



#48

2-Nitroaniline

Concen: 9.416 ng

RT: 9.433 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

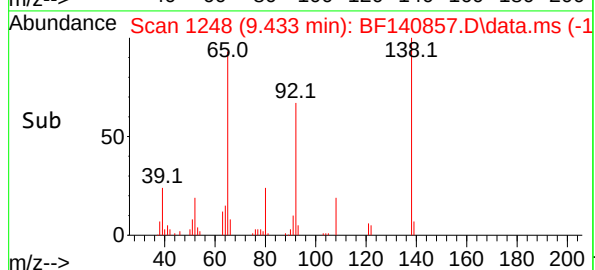
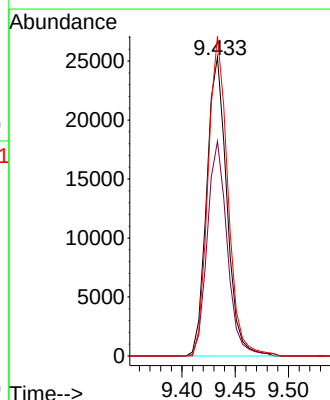
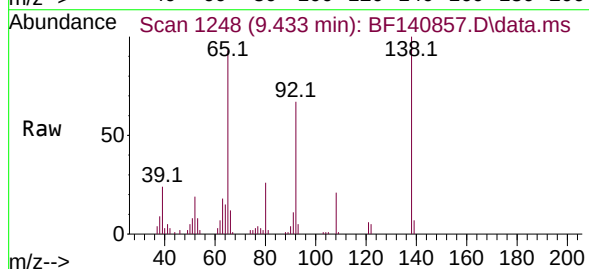
Tgt Ion: 65 Resp: 33225

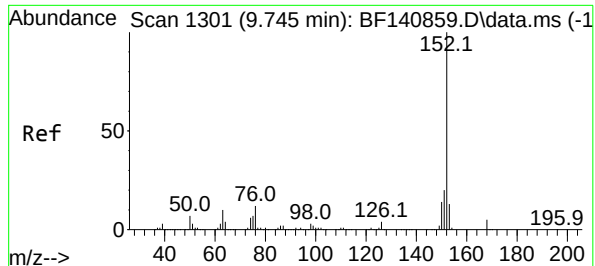
Ion Ratio Lower Upper

65 100

92 71.8 56.3 84.5

138 107.0 83.8 125.6





#49

Acenaphthylene

Concen: 10.187 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

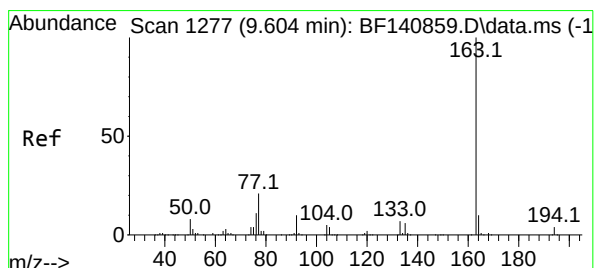
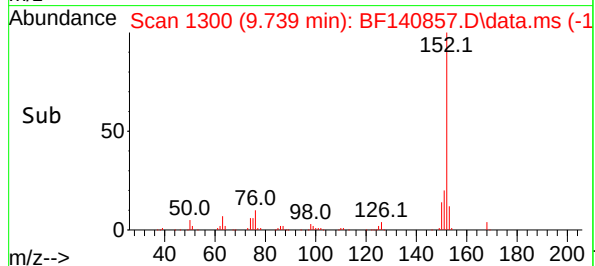
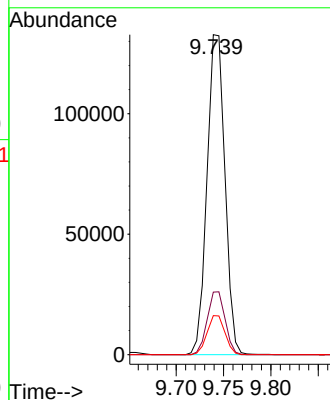
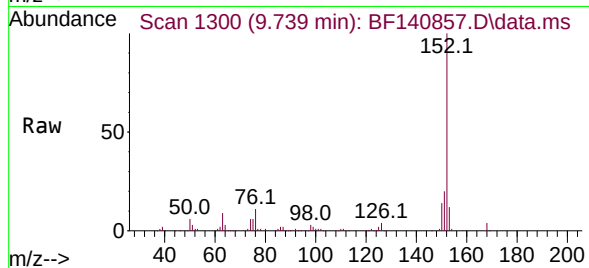
Tgt Ion:152 Resp: 174905

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 12.2 10.6 16.0



#50

Dimethylphthalate

Concen: 9.693 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

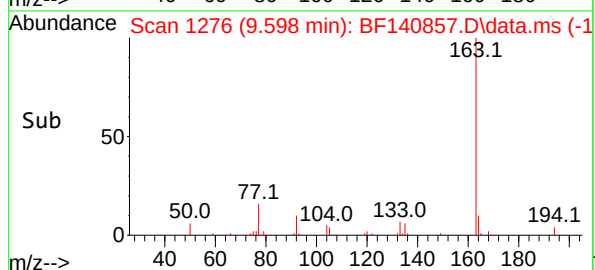
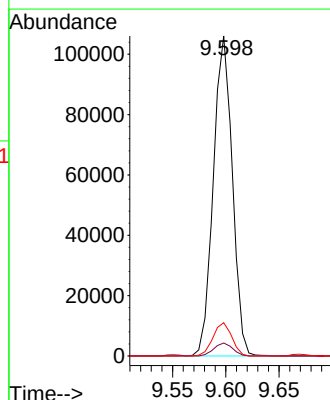
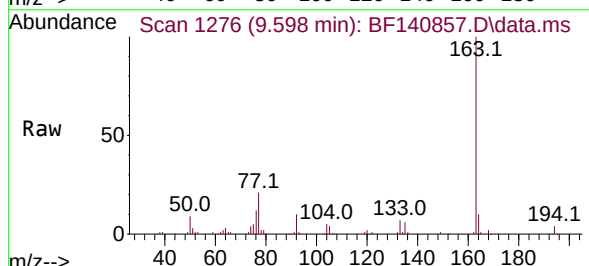
Tgt Ion:163 Resp: 131257

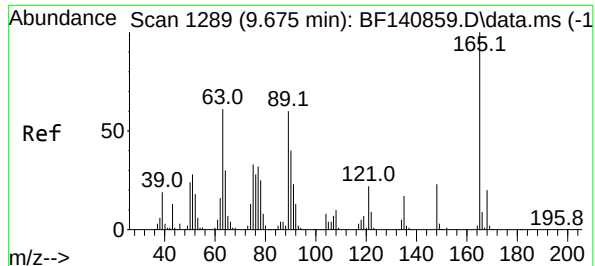
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 9.831 ng

RT: 9.669 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

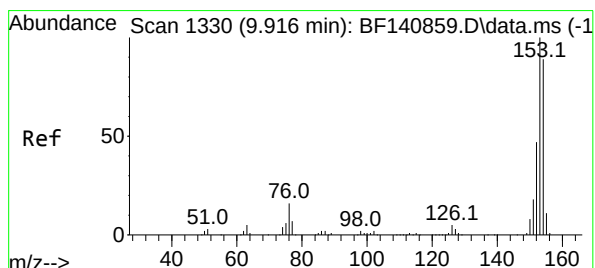
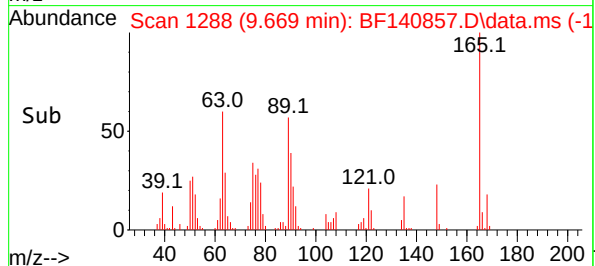
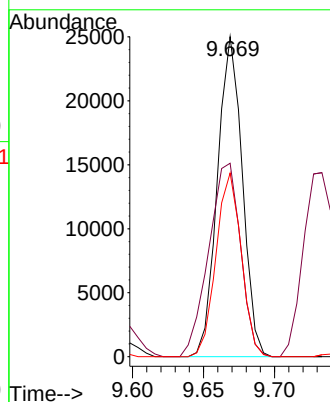
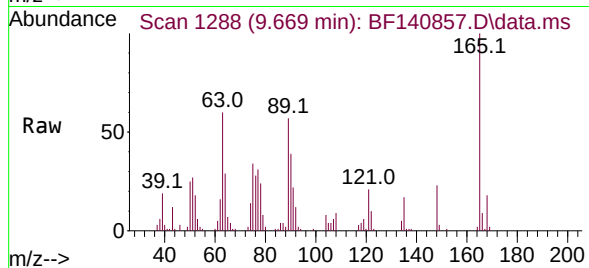
Tgt Ion:165 Resp: 30431

Ion Ratio Lower Upper

165 100

63 60.5 49.7 74.5

89 57.4 48.2 72.4



#52

Acenaphthene

Concen: 10.419 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

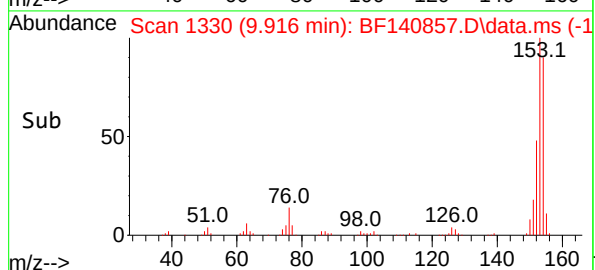
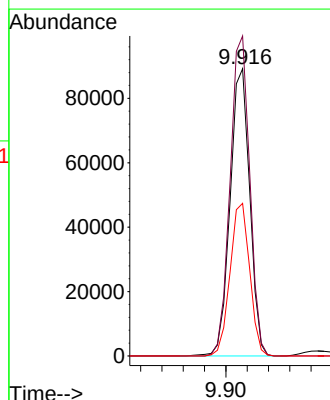
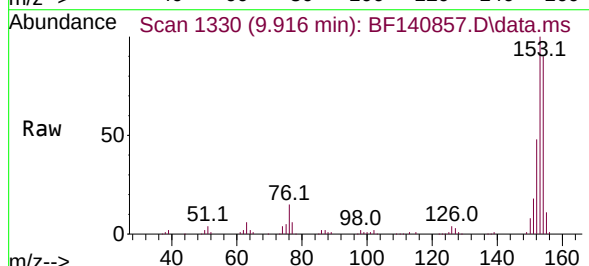
Tgt Ion:154 Resp: 114273

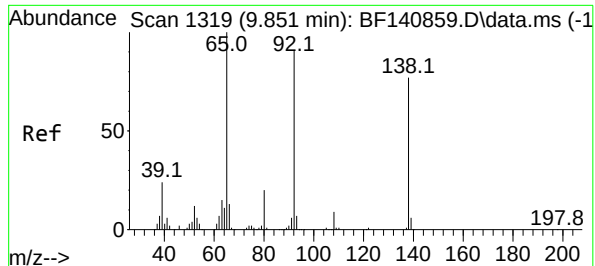
Ion Ratio Lower Upper

154 100

153 111.4 89.9 134.9

152 53.1 42.6 63.8





#53

3-Nitroaniline

Concen: 9.885 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

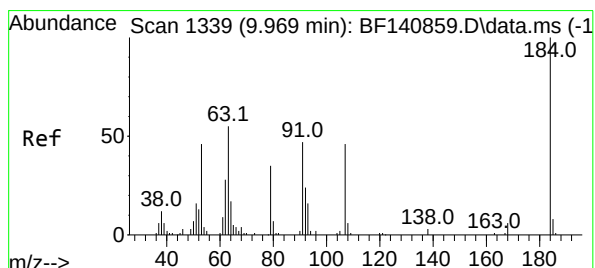
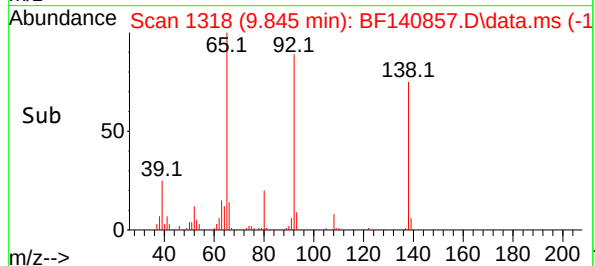
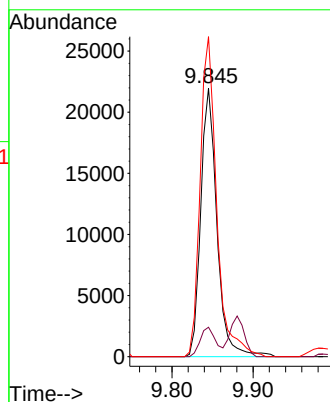
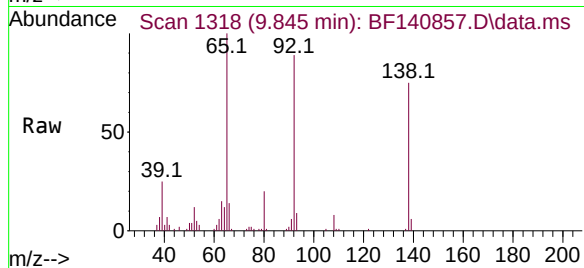
Tgt Ion:138 Resp: 30367

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

92 119.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 11.701 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.017 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

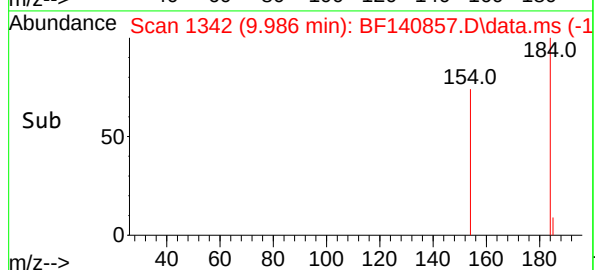
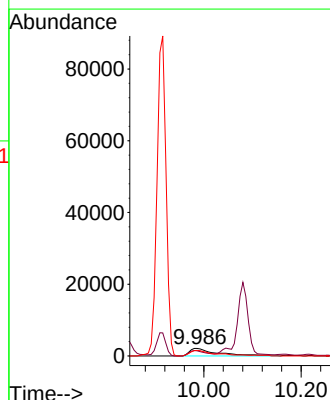
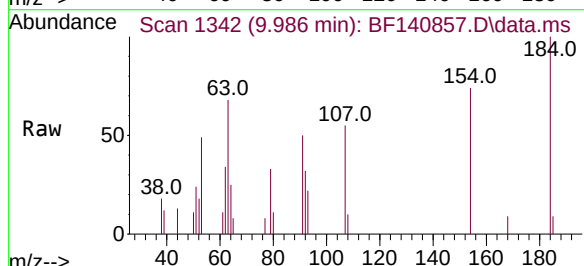
Tgt Ion:184 Resp: 8488

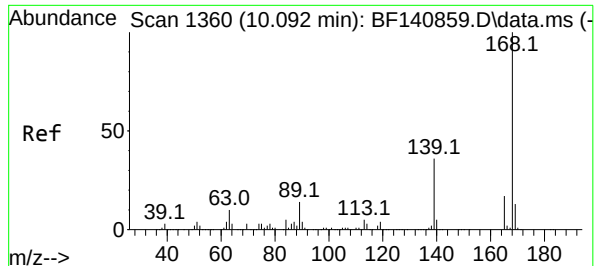
Ion Ratio Lower Upper

184 100

63 67.8 51.6 77.4

154 74.2 56.1 84.1





#55

Dibenzenofuran

Concen: 10.598 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

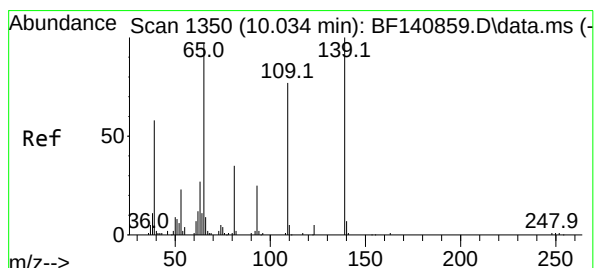
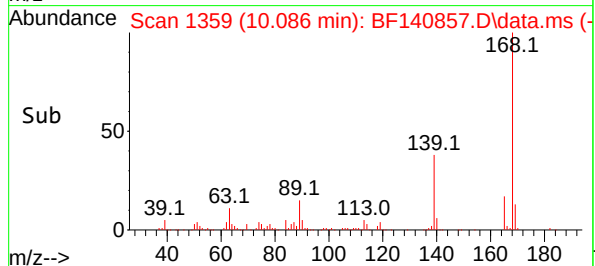
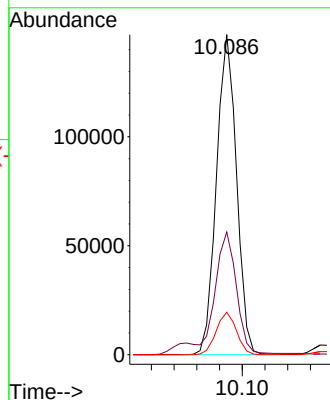
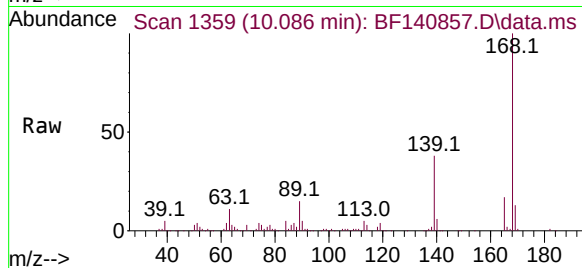
Tgt Ion:168 Resp: 180108

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 9.461 ng m

RT: 10.051 min Scan# 1353

Delta R.T. 0.017 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

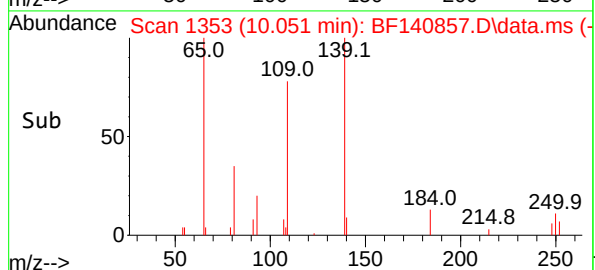
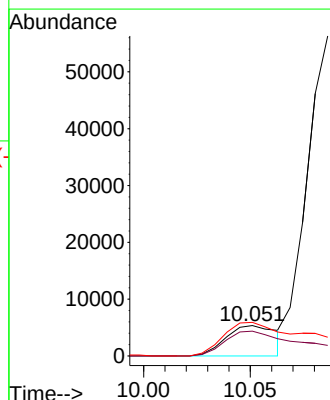
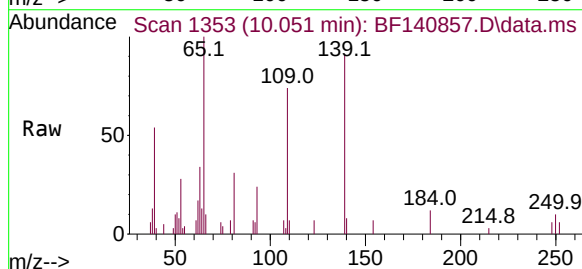
Tgt Ion:139 Resp: 8781

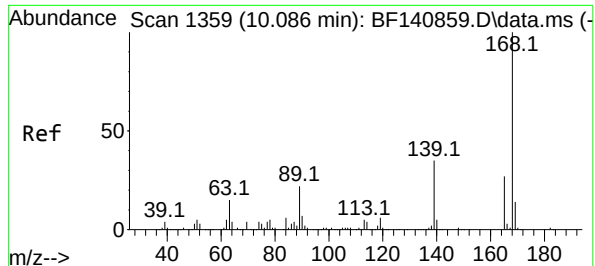
Ion Ratio Lower Upper

139 100

109 81.7 56.7 96.7

65 110.3 78.1 118.1

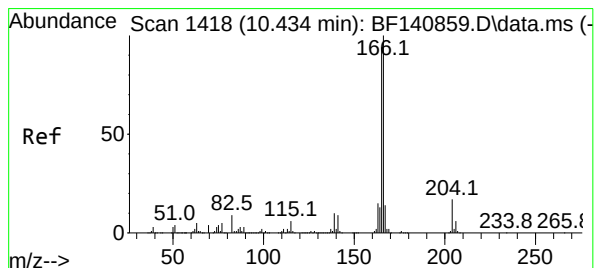
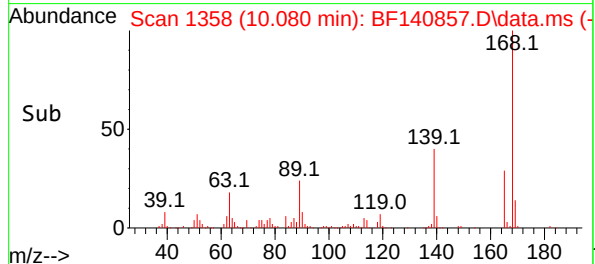
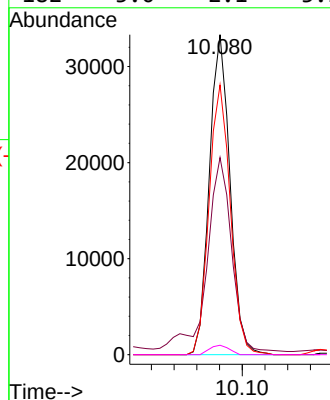
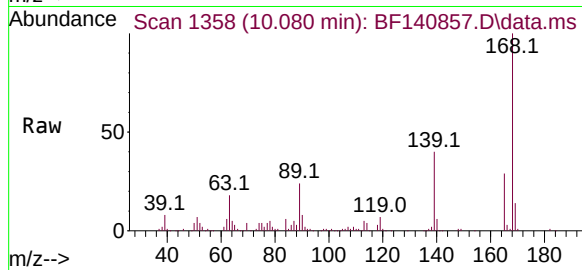




#57
2,4-Dinitrotoluene
Concen: 10.339 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

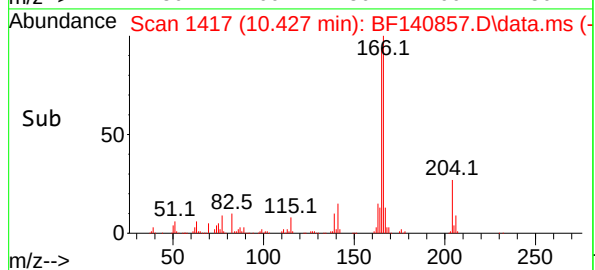
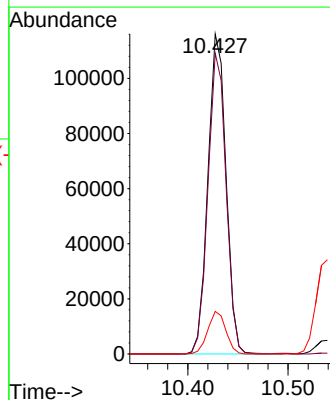
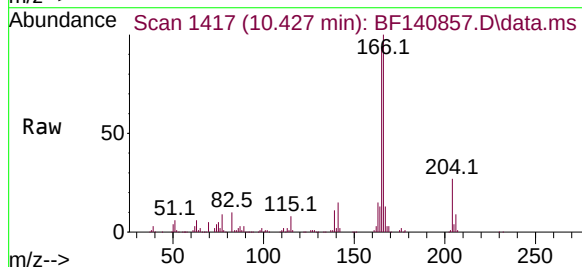
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

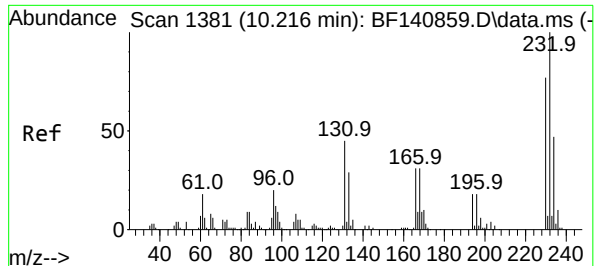
Tgt Ion:165 Resp: 42109
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 84.3 66.2 99.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 10.424 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:166 Resp: 146155
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.3 11.1 16.7

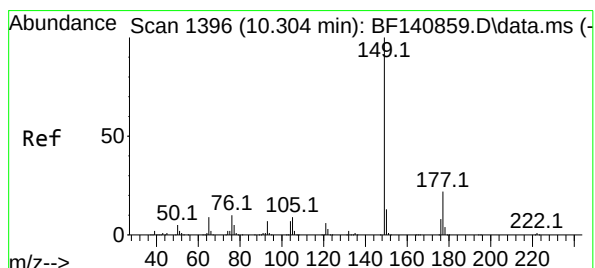
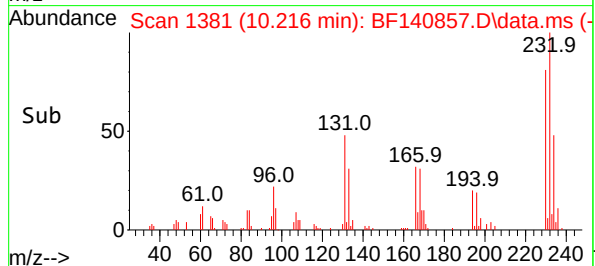
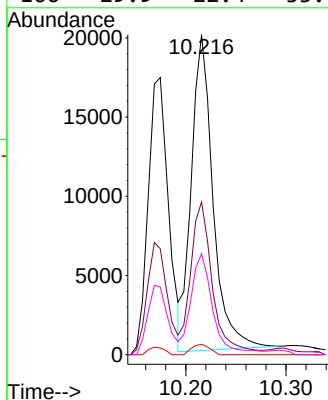
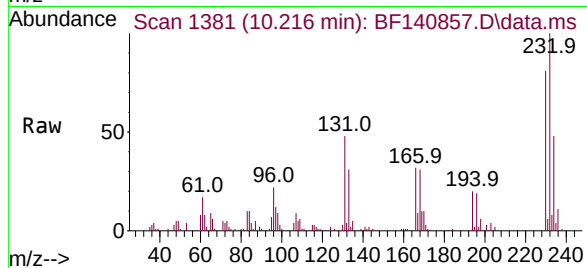




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.251 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

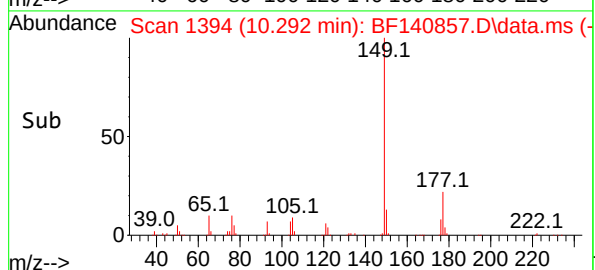
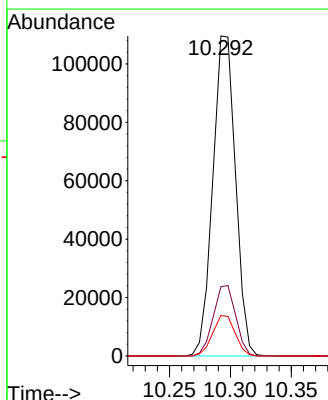
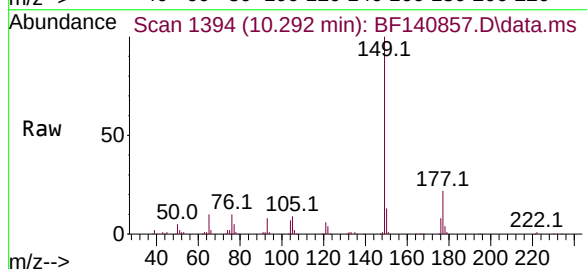
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

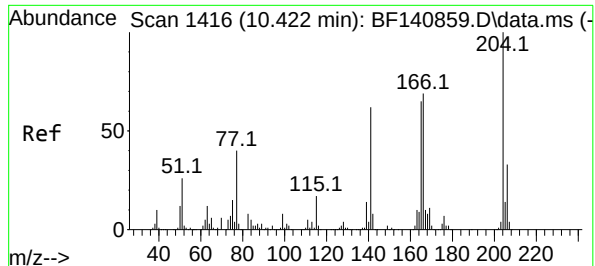
Tgt Ion:232 Resp: 29950
Ion Ratio Lower Upper
232 100
131 48.8 35.1 52.7
130 2.7 1.8 2.8
166 29.9 22.4 33.6



#60
Diethylphthalate
Concen: 10.147 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:149 Resp: 142484
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.7 10.1 15.1

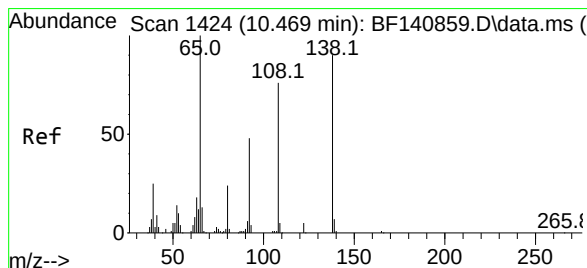
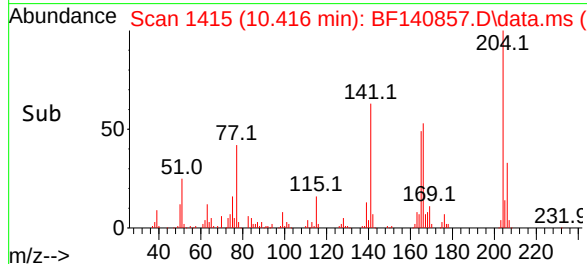
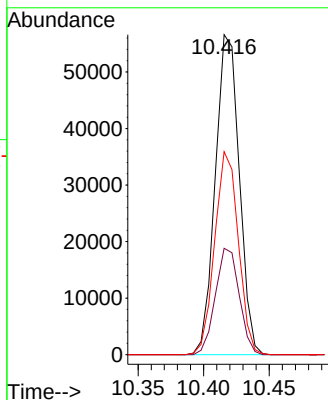
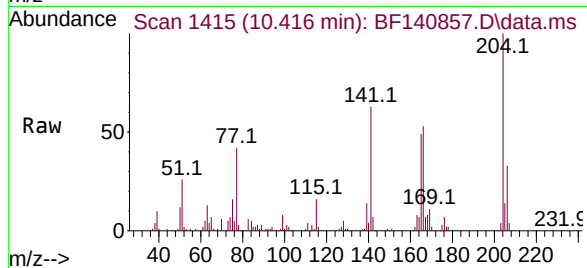




#61
4-Chlorophenyl-phenylether
Concen: 10.224 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

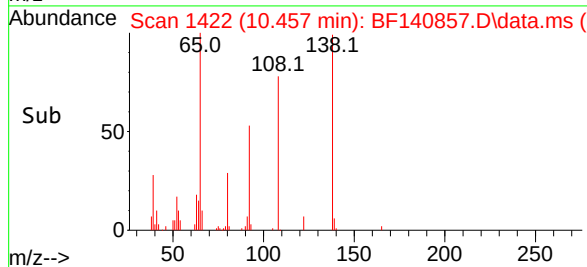
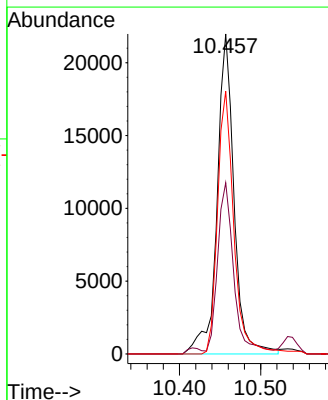
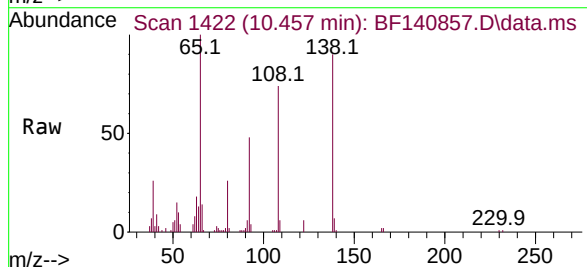
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

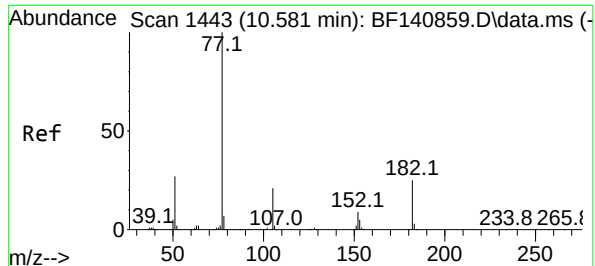
Tgt Ion	204	Resp	72010
Ion Ratio	100		
Lower		26.5	
Upper		39.7	
206	33.3		
141	63.4		



#62
4-Nitroaniline
Concen: 9.956 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion	138	Resp	31962
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		32.6	
Upper		72.6	
92	53.5		
108	82.1		

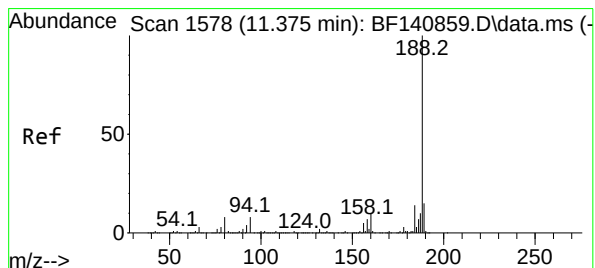
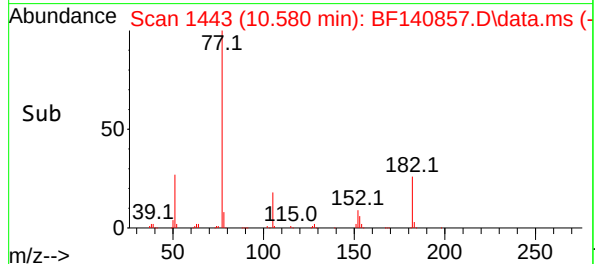
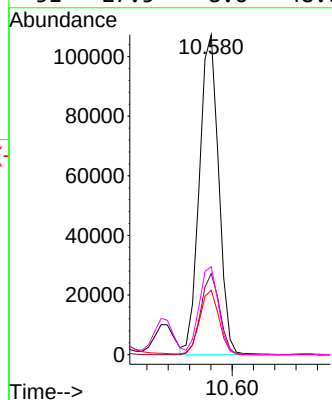
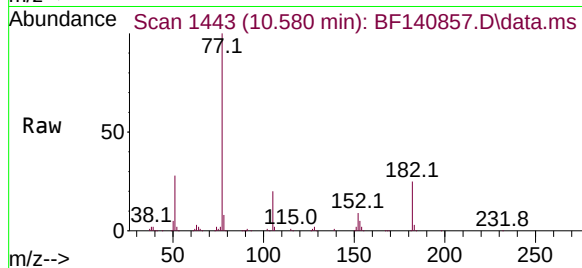




#63
Azobenzene
Concen: 10.267 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

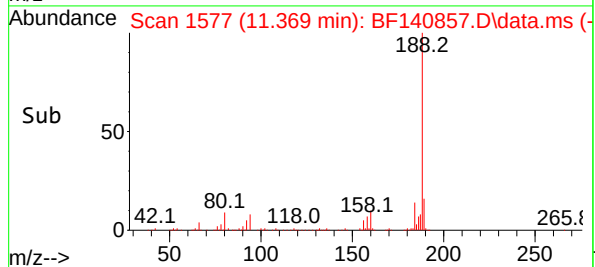
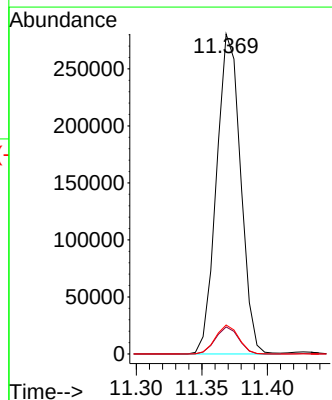
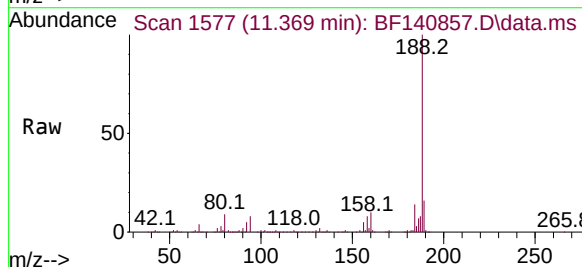
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

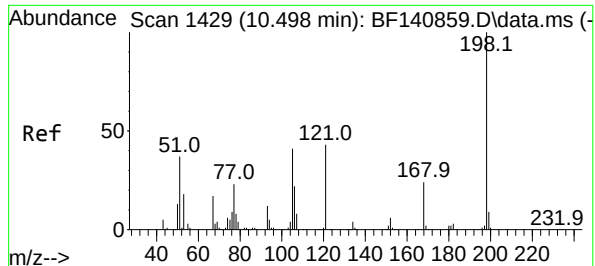
Tgt Ion:	77	Resp:	135524
Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.5	44.5
105	20.1	0.9	40.9
51	27.5	8.6	48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:	188	Resp:	358020
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.4	9.6
80	9.1	6.8	10.2

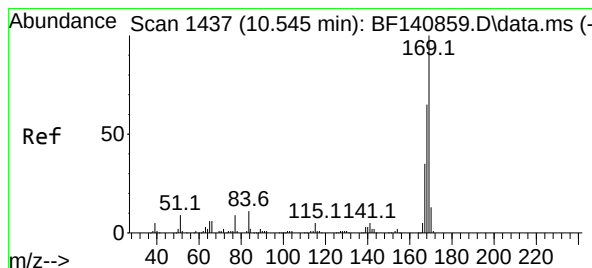
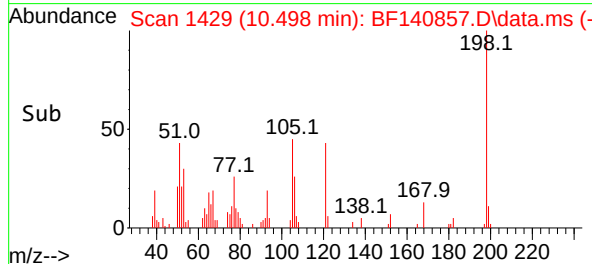
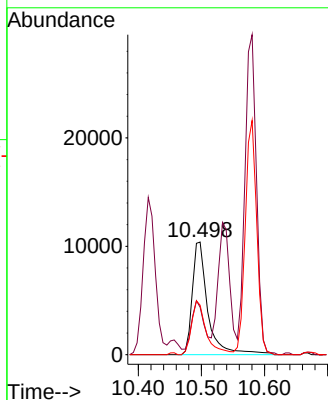
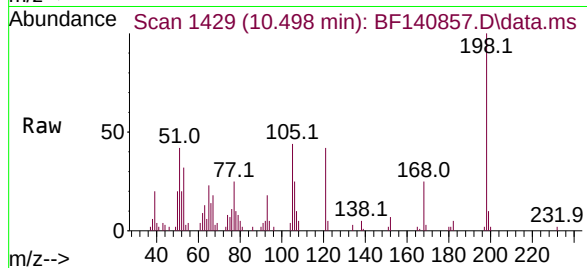




#65
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

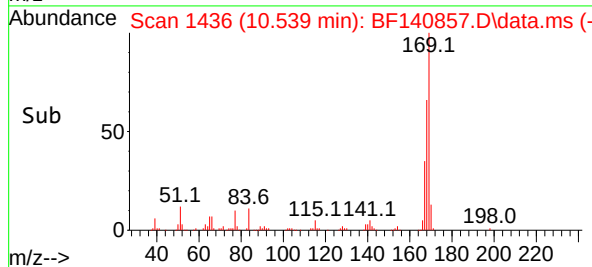
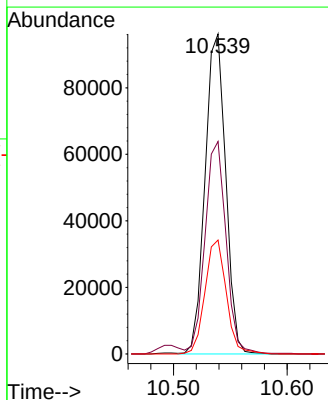
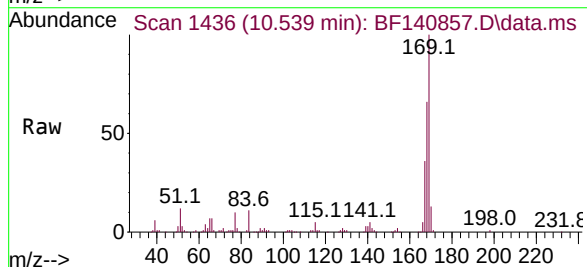
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

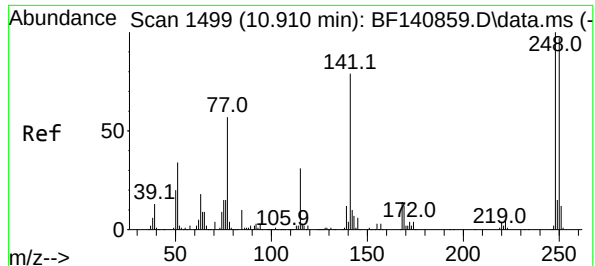
Tgt Ion:198 Resp: 17756
Ion Ratio Lower Upper
198 100
51 42.2 24.4 64.4
105 43.9 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 11.038 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:169 Resp: 121500
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 35.6 28.3 42.5

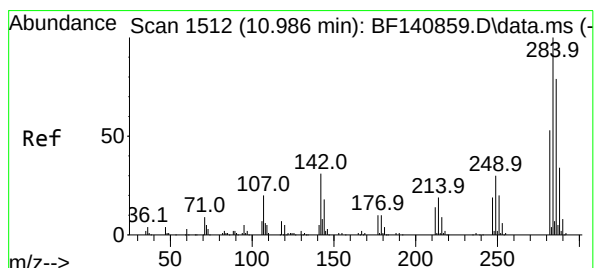
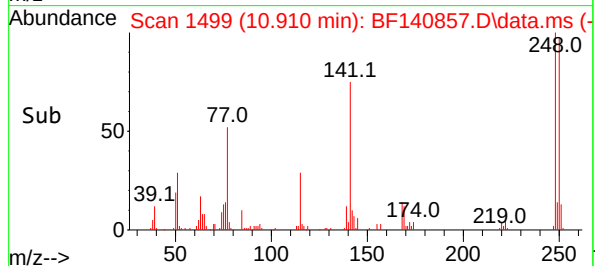
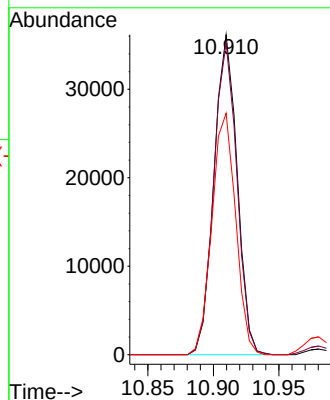
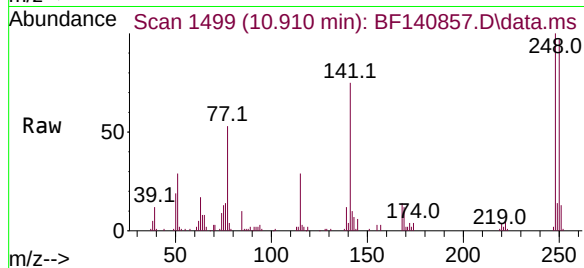




#67
4-Bromophenyl-phenylether
Concen: 11.082 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

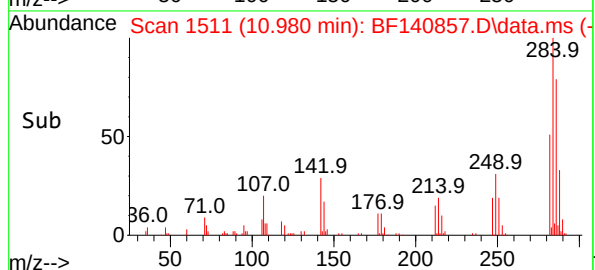
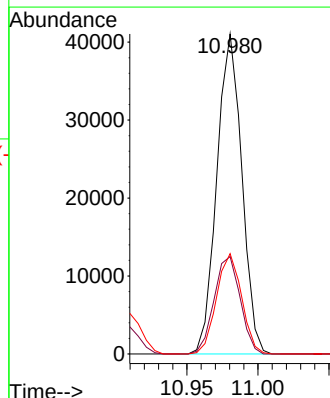
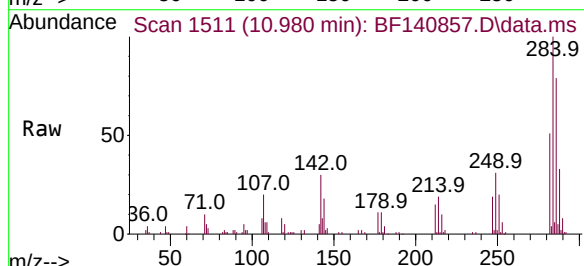
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

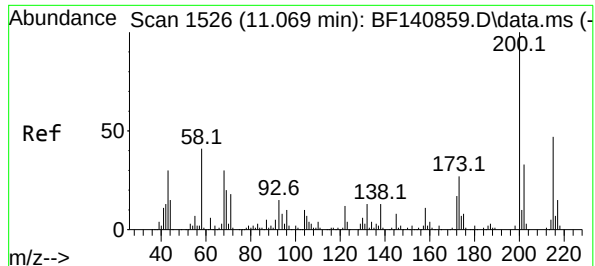
Tgt Ion:248 Resp: 44385
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 75.5 62.9 94.3



#68
Hexachlorobenzene
Concen: 11.040 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:284 Resp: 50135
Ion Ratio Lower Upper
284 100
142 30.4 24.6 36.8
249 31.3 24.3 36.5

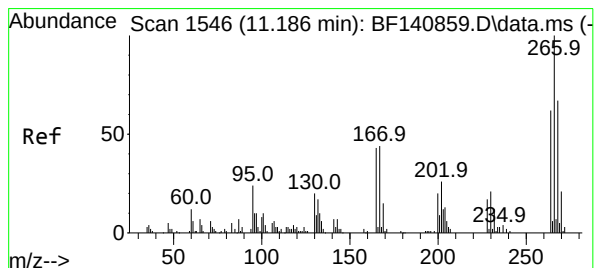
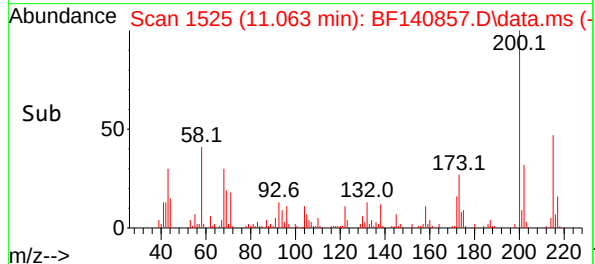
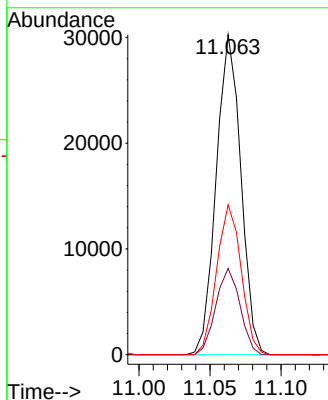
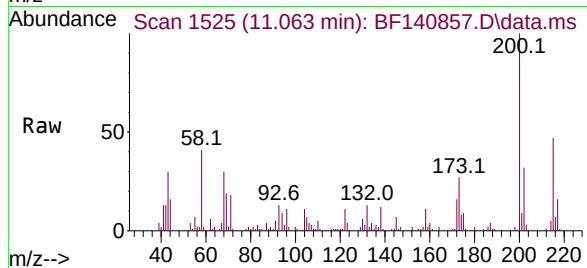




#69
Atrazine
Concen: 11.864 ng
RT: 11.063 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

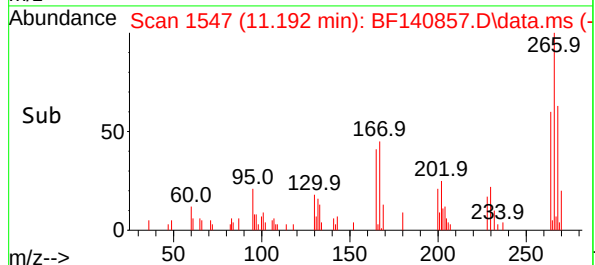
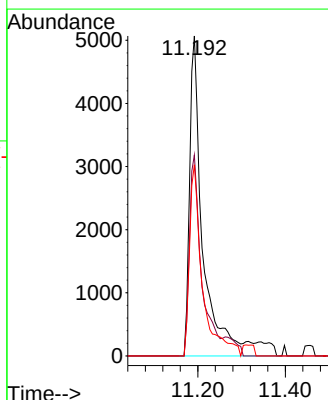
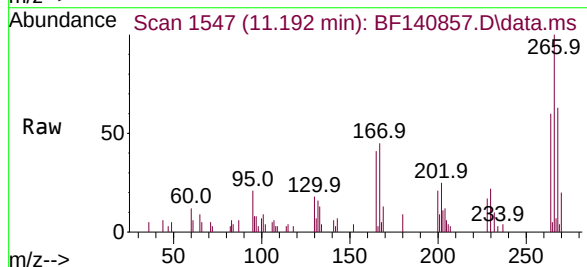
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

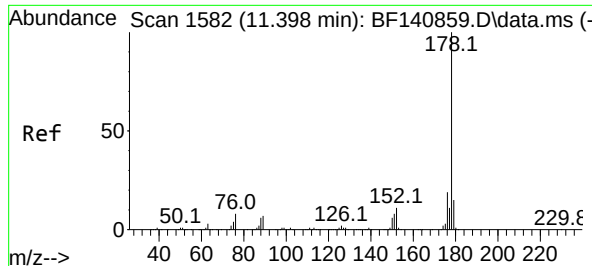
Tgt Ion:200 Resp: 36472
Ion Ratio Lower Upper
200 100
173 26.9 6.6 46.6
215 46.8 26.7 66.7



#70
Pentachlorophenol
Concen: 6.725 ng m
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:266 Resp: 11171
Ion Ratio Lower Upper
266 100
268 62.8 54.0 81.0
264 59.7 49.4 74.2

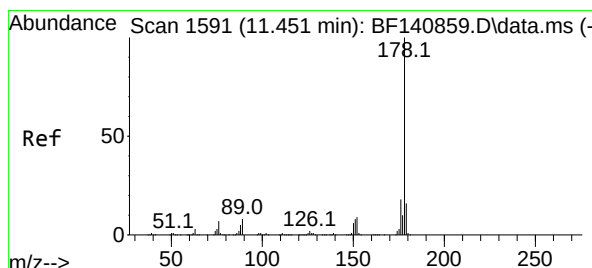
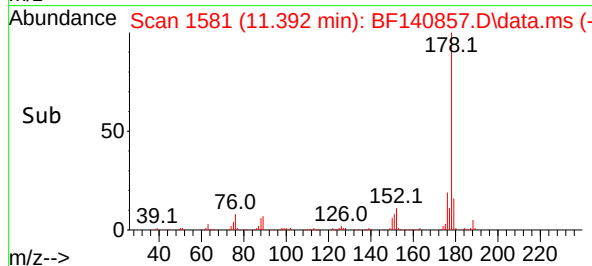
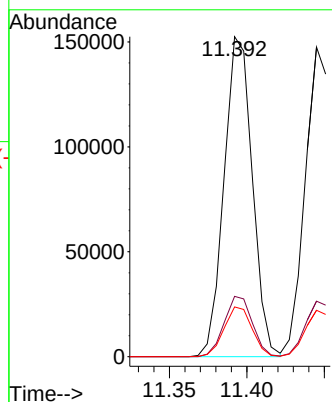
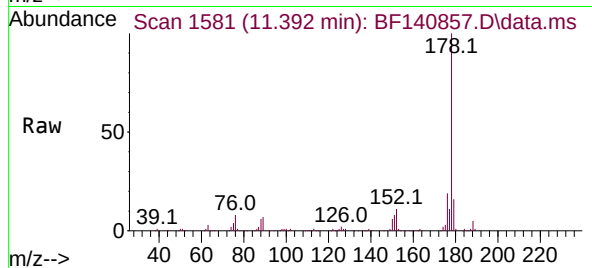




#71
Phenanthrene
Concen: 10.510 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

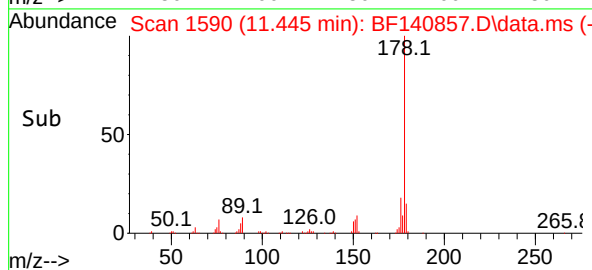
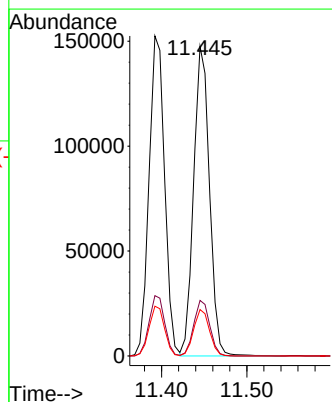
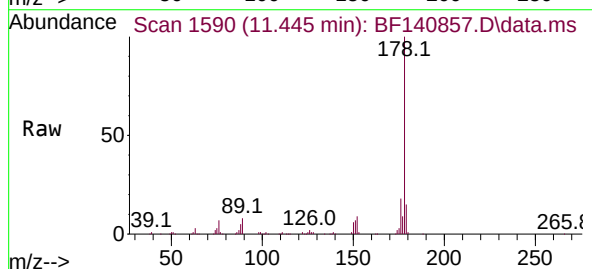
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

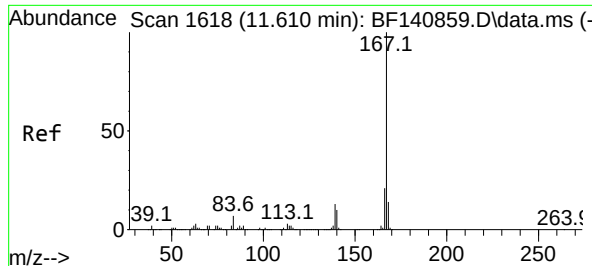
Tgt Ion:178 Resp: 193504
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 10.502 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:178 Resp: 190407
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.0 12.6 18.8

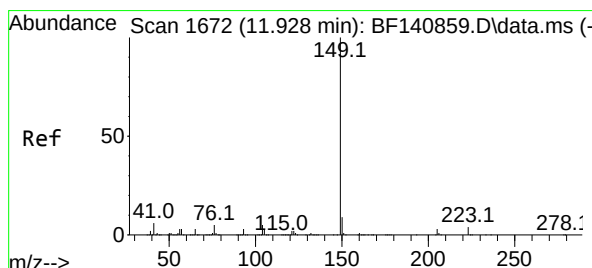
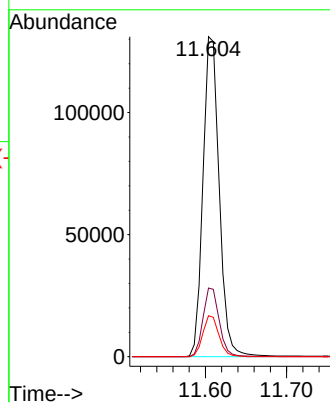
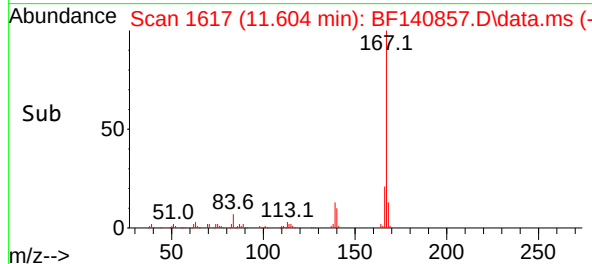
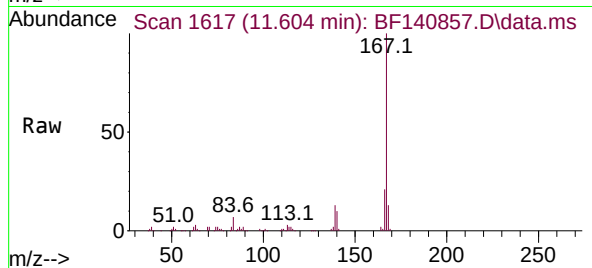




#73
Carbazole
Concen: 10.259 ng
RT: 11.604 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

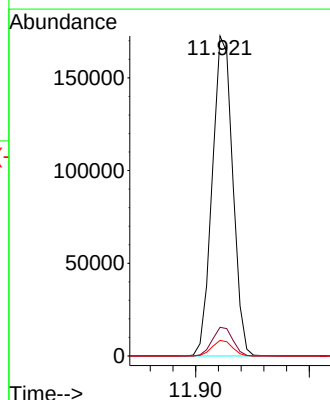
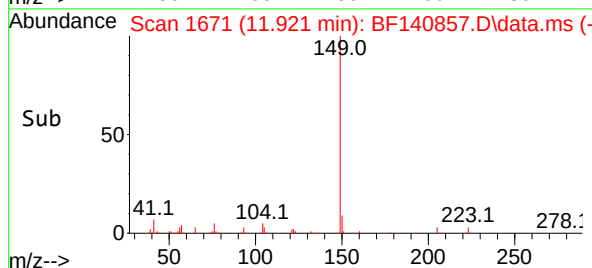
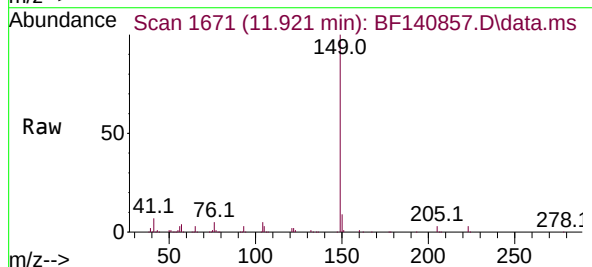
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

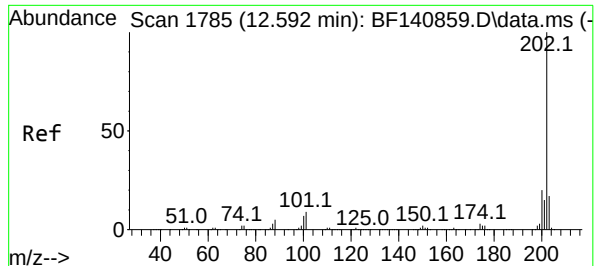
Tgt Ion:167 Resp: 182199
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 10.359 ng
RT: 11.921 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:149 Resp: 215903
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.9 3.8 5.8

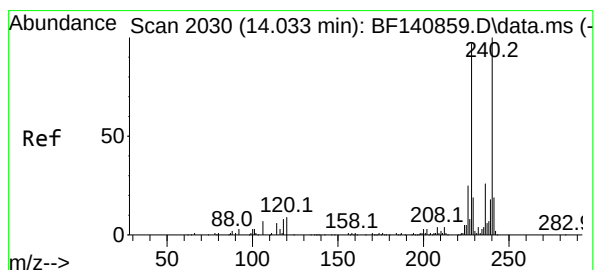
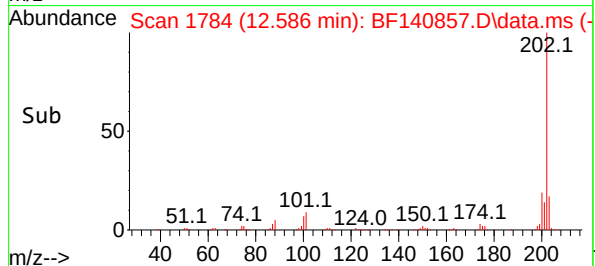
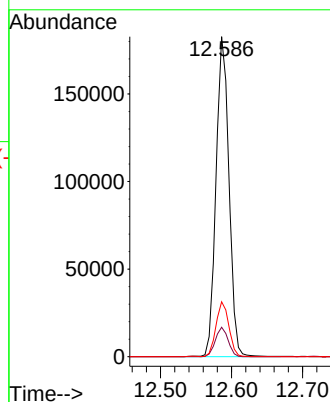
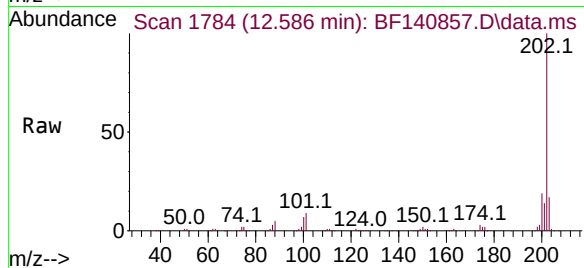




#75
Fluoranthene
Concen: 10.896 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

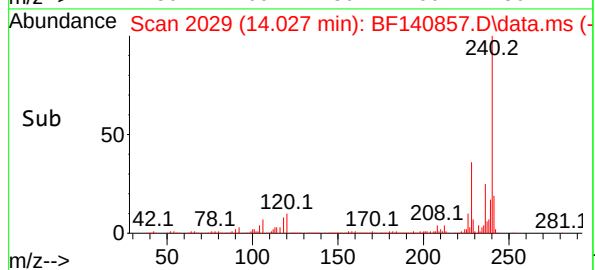
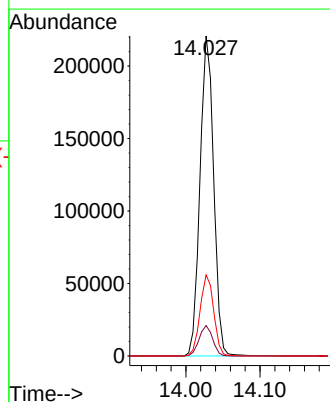
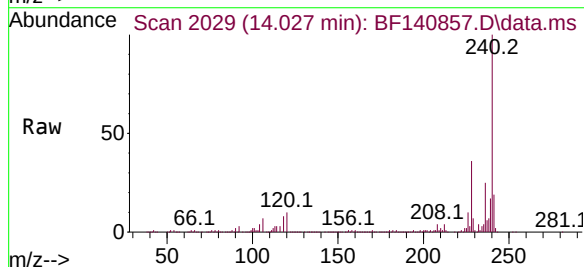
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

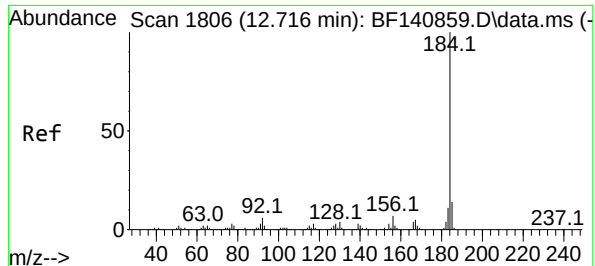
Tgt Ion:202 Resp: 231038
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.3
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:240 Resp: 282501
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.3 20.5 30.7

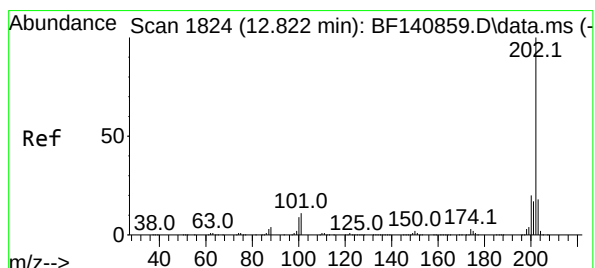
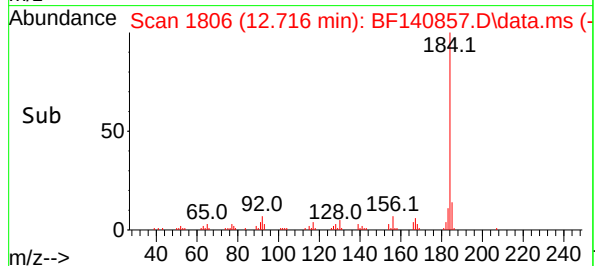
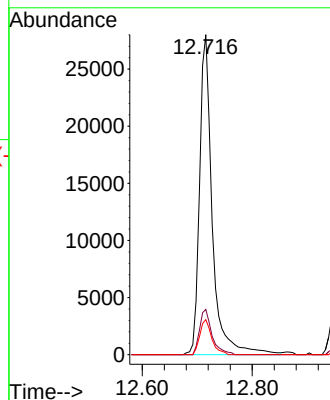
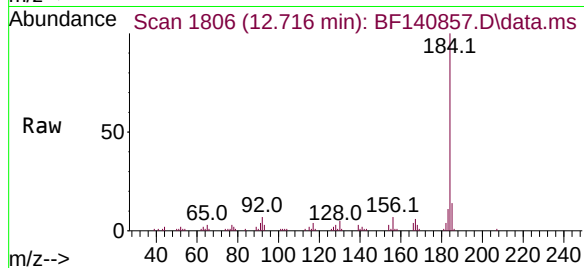




#77
Benzidine
Concen: 7.818 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

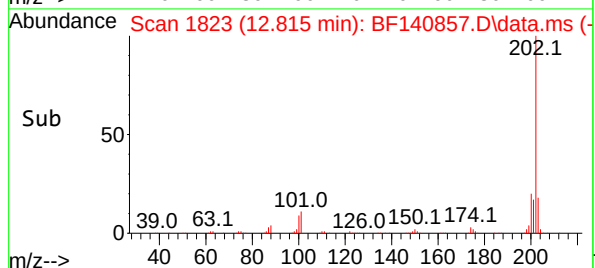
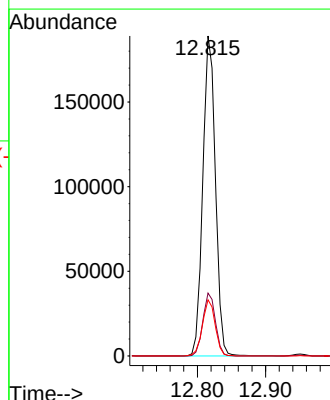
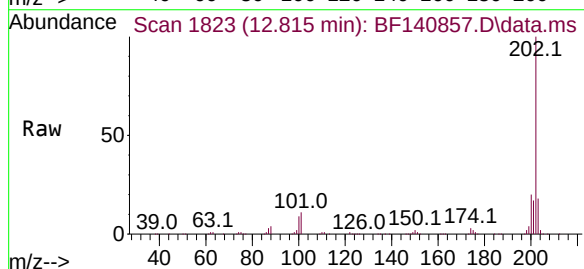
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

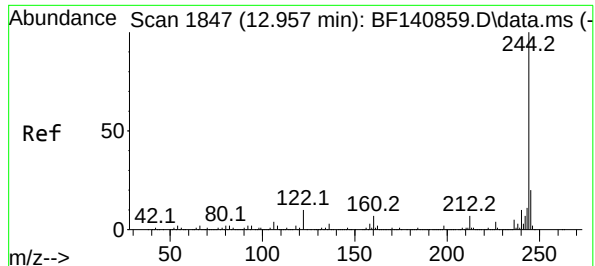
Tgt Ion:184 Resp: 45074
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.0 9.0 13.4



#78
Pyrene
Concen: 9.663 ng
RT: 12.815 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:202 Resp: 242761
Ion Ratio Lower Upper
202 100
200 19.6 16.1 24.1
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 19.670 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF140857.D

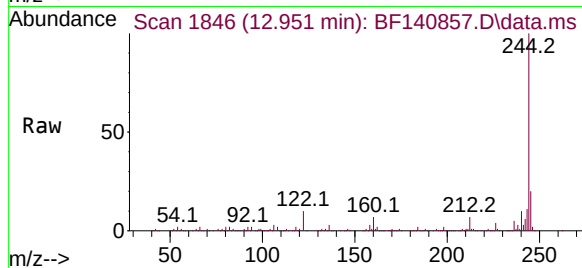
Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



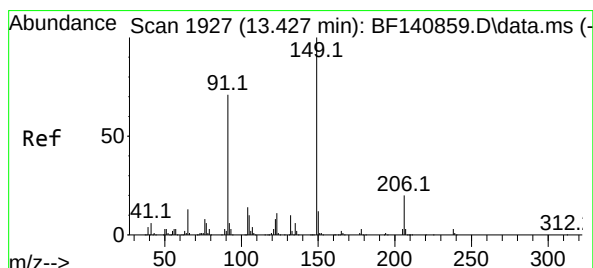
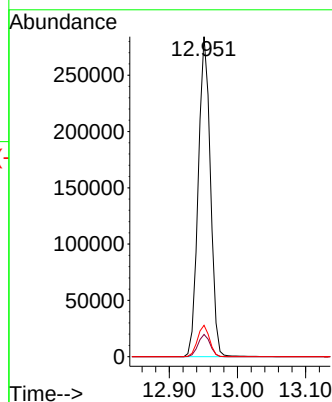
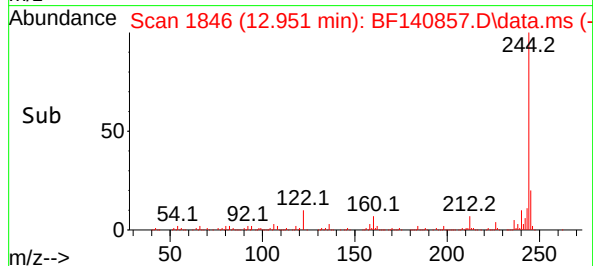
Tgt Ion:244 Resp: 352398

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 9.411 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

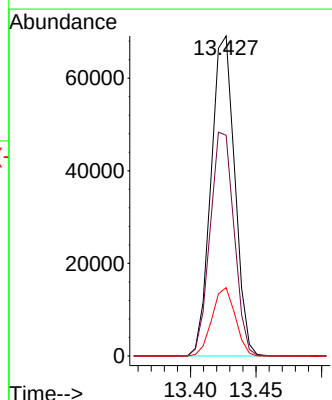
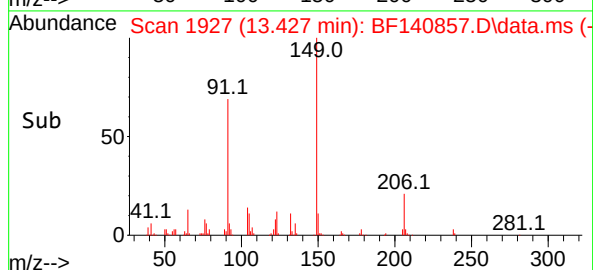
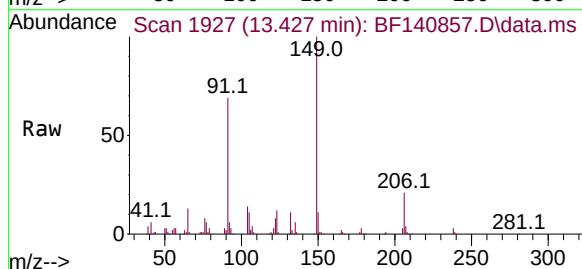
Tgt Ion:149 Resp: 86987

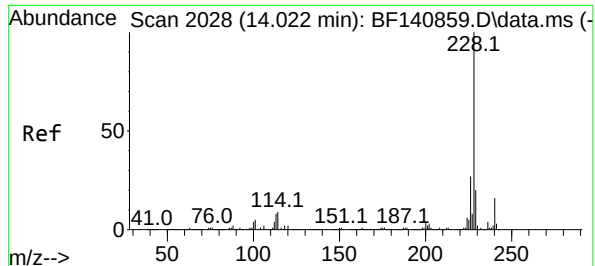
Ion Ratio Lower Upper

149 100

91 69.0 56.7 85.1

206 21.4 16.4 24.6

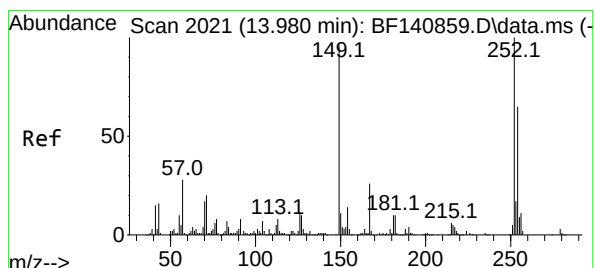
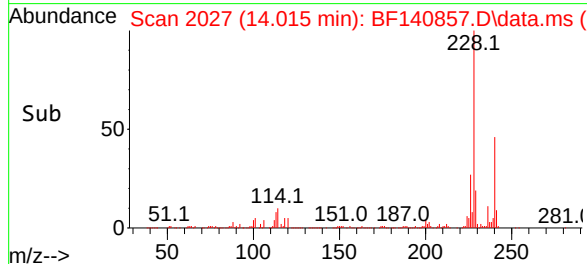
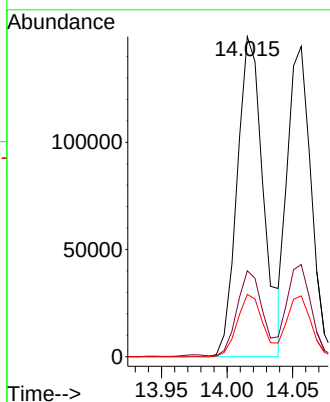
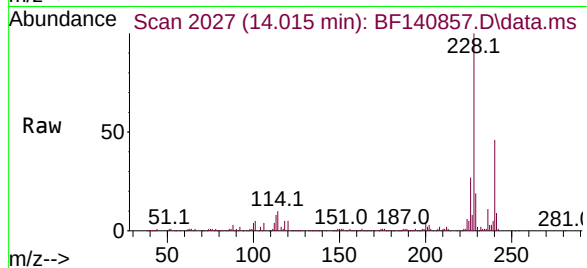




#81
Benzo(a)anthracene
Concen: 10.395 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

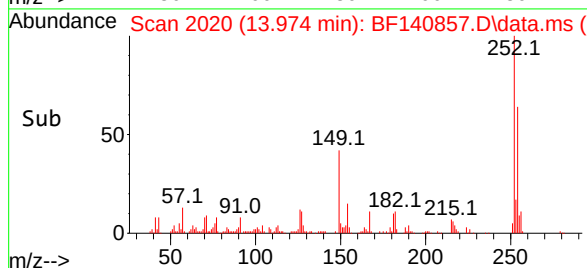
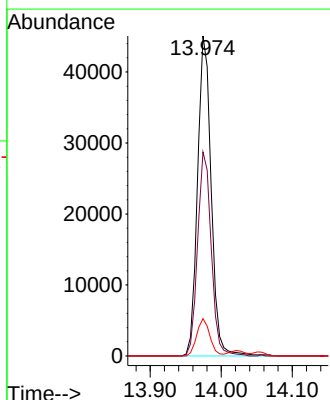
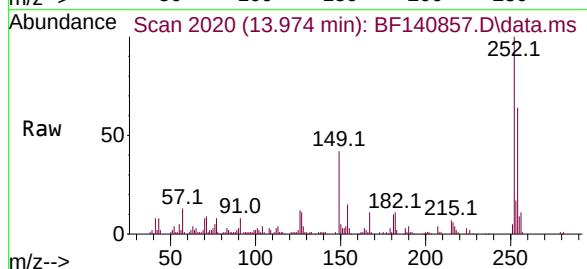
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

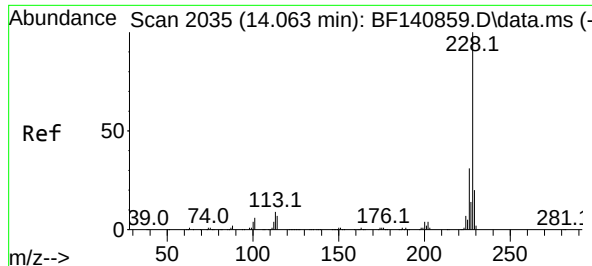
Tgt Ion:228 Resp: 208127
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 9.994 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:252 Resp: 60368
Ion Ratio Lower Upper
252 100
254 63.7 52.3 78.5
126 11.7 8.4 12.6





#83

Chrysene

Concen: 9.963 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

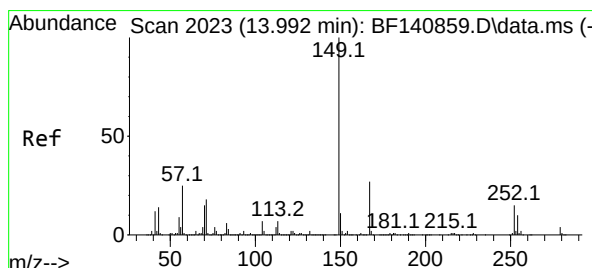
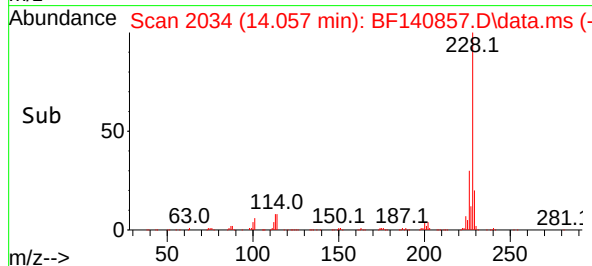
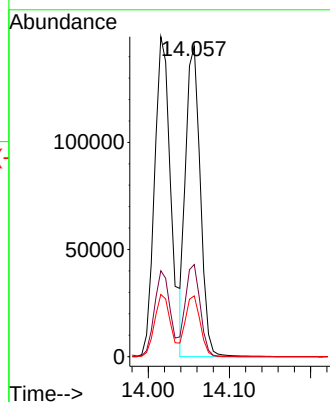
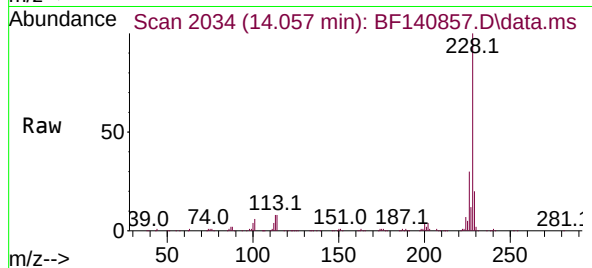
Tgt Ion:228 Resp: 181387

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.562 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

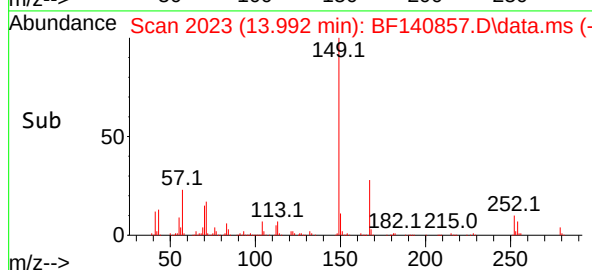
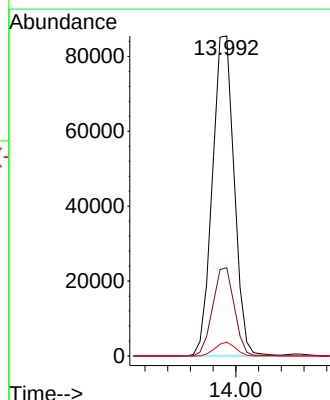
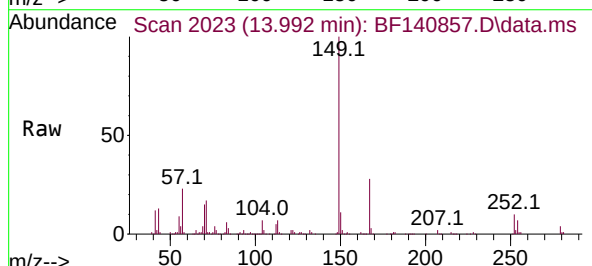
Tgt Ion:149 Resp: 113963

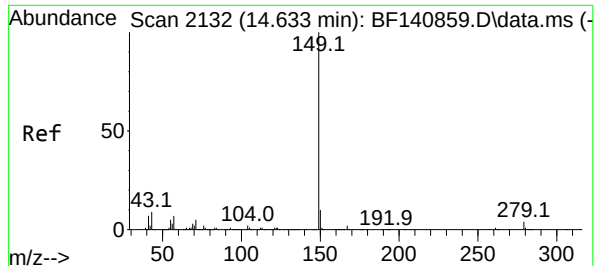
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.3 3.5 5.3

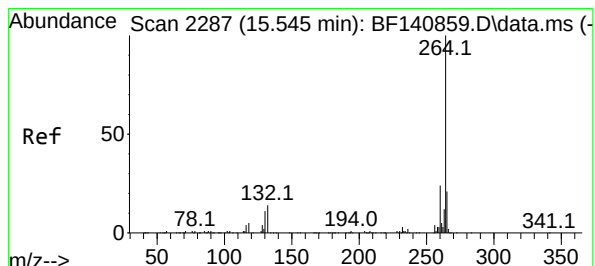
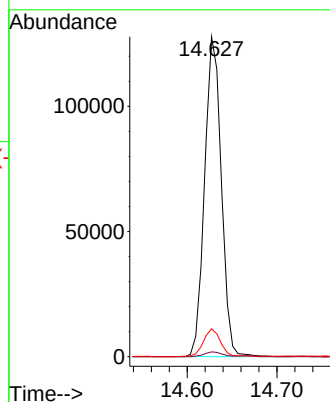
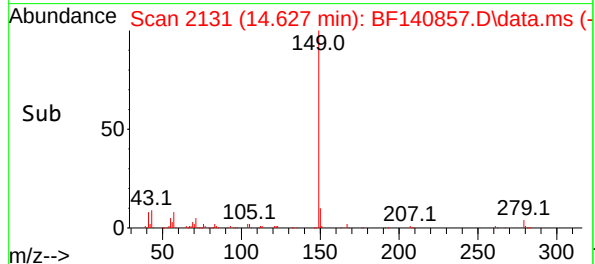
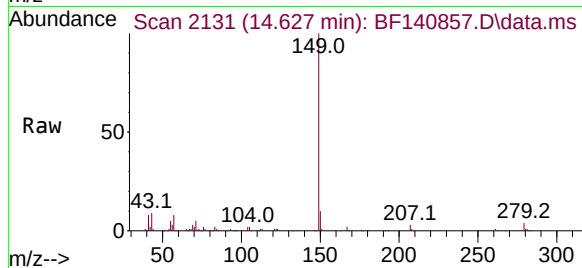




#85
Di-n-octyl phthalate
Concen: 9.161 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

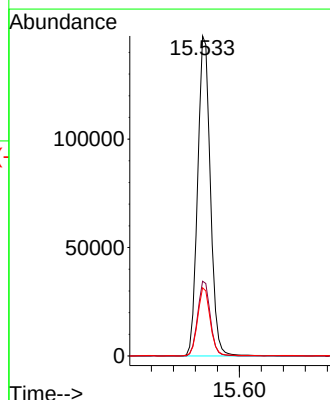
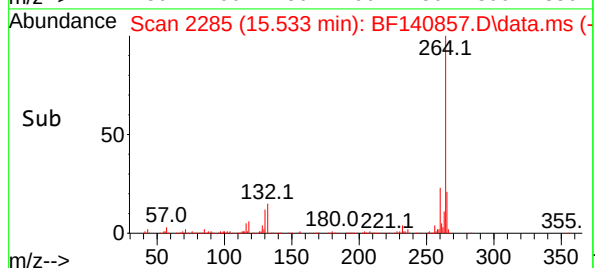
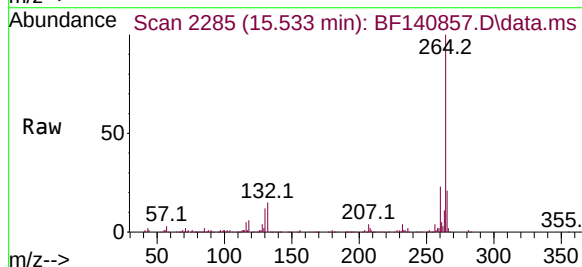
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

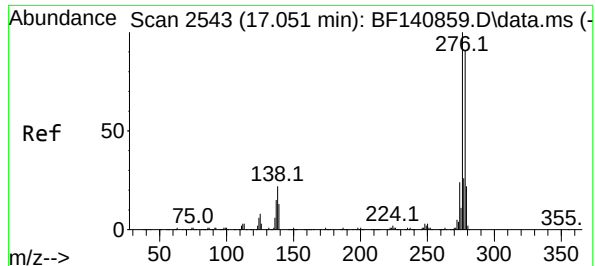
Tgt Ion:149 Resp: 165198
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:264 Resp: 236486
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.3 17.0 25.4

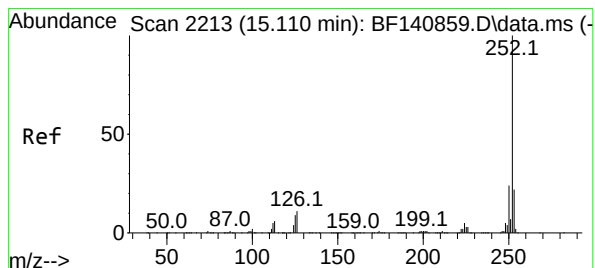
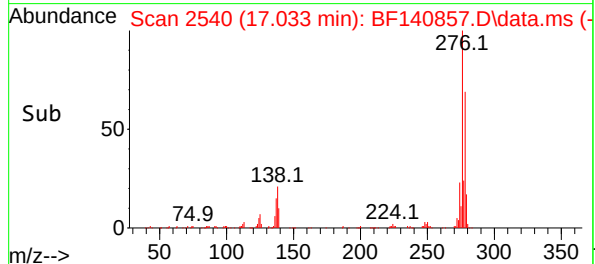
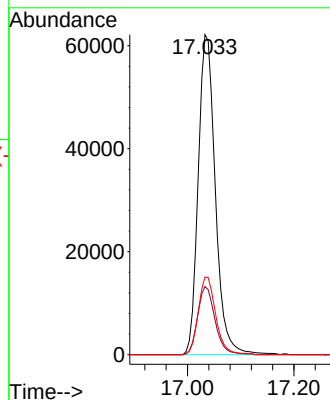
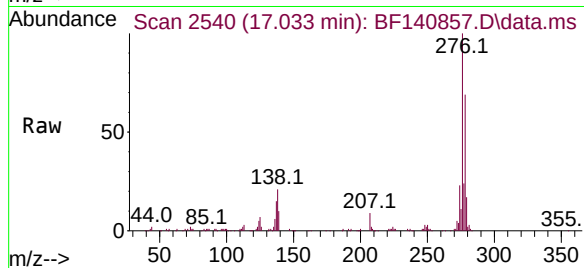




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.405 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

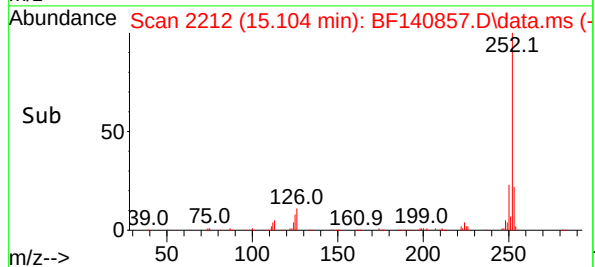
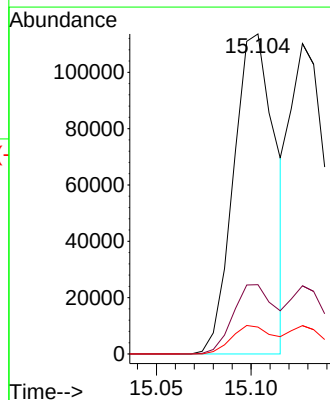
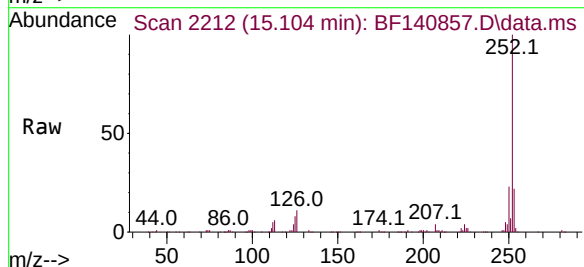
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

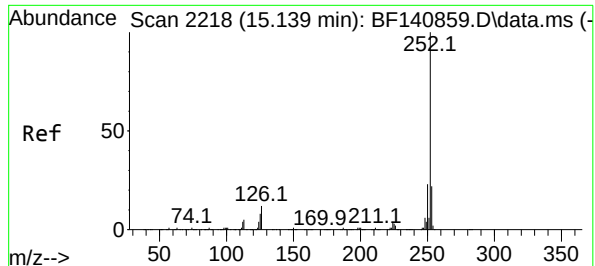
Tgt Ion:276 Resp: 138792
Ion Ratio Lower Upper
276 100
138 21.6 16.9 25.3
277 24.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 10.558 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

Tgt Ion:252 Resp: 173313
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 10.499 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

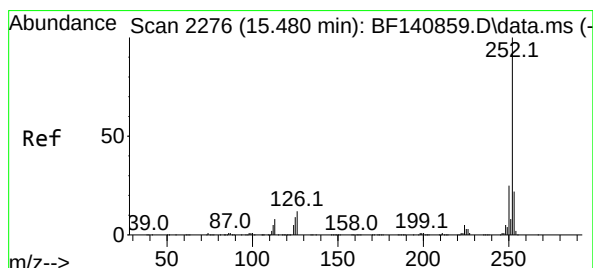
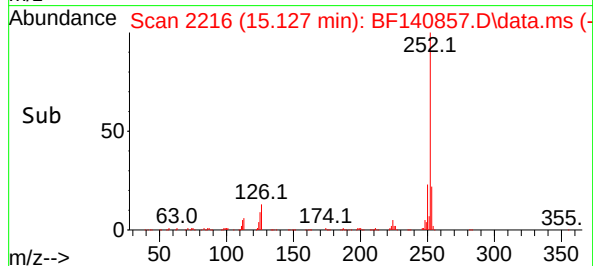
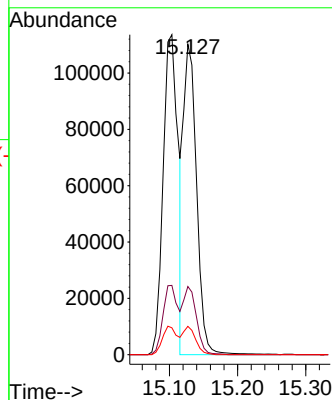
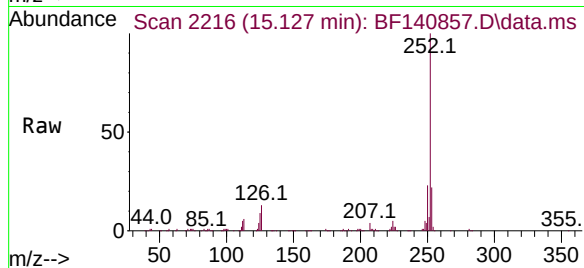
Tgt Ion:252 Resp: 147840

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 6.8 10.2



#90

Benzo(a)pyrene

Concen: 9.973 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

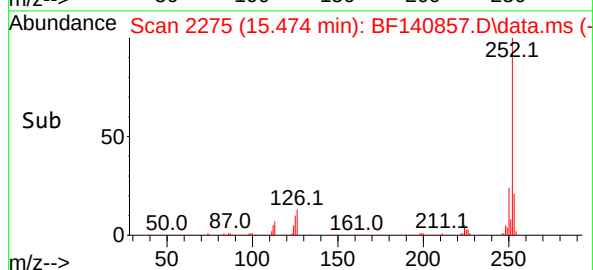
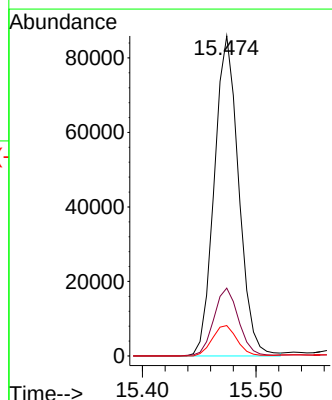
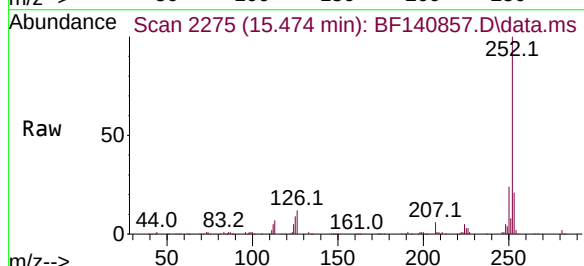
Tgt Ion:252 Resp: 128194

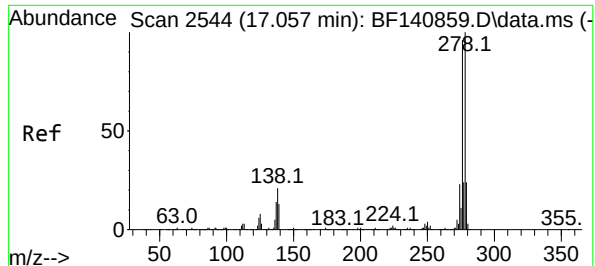
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.5 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 9.532 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

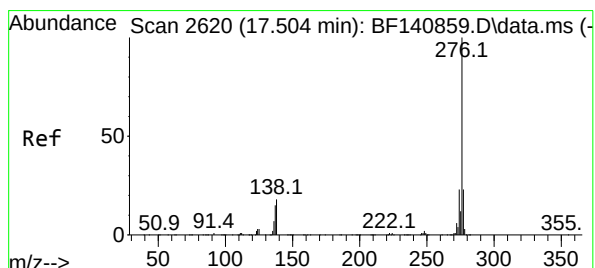
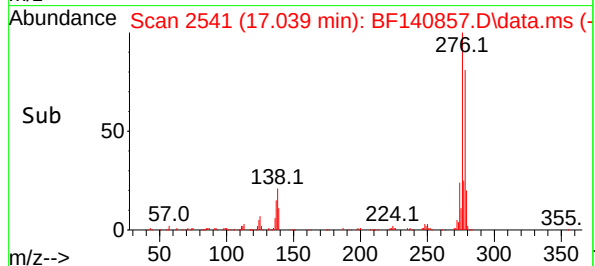
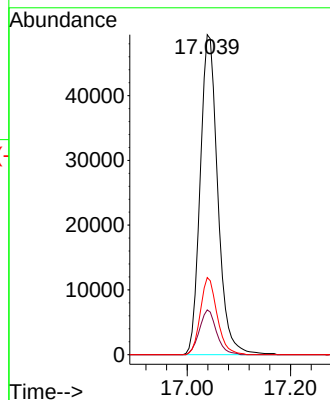
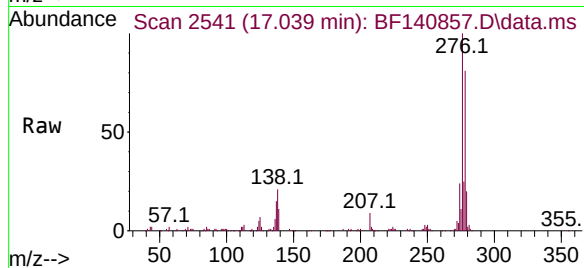
Tgt Ion:278 Resp: 116533

Ion Ratio Lower Upper

278 100

139 14.0 10.6 16.0

279 24.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 9.240 ng

RT: 17.492 min Scan# 2618

Delta R.T. -0.012 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

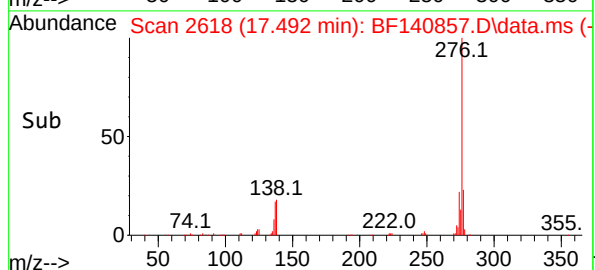
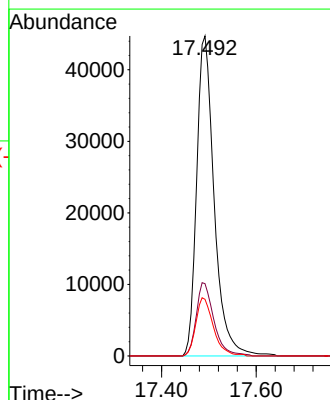
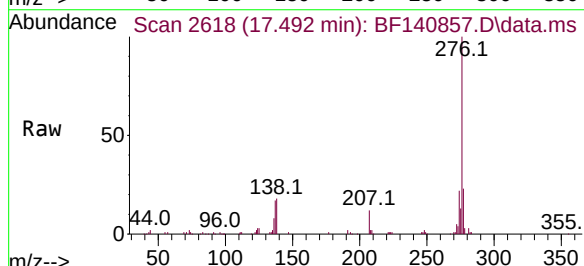
Tgt Ion:276 Resp: 114976

Ion Ratio Lower Upper

276 100

277 22.6 18.7 28.1

138 17.7 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140858.D
 Acq On : 16 Dec 2024 14:00
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Dec 16 16:48:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	71395	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	269448	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	153586	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	299699	20.000	ng	0.00
76) Chrysene-d12	14.039	240	234229	20.000	ng	0.00
86) Perylene-d12	15.563	264	220576	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	182586	42.100	ng	0.00
7) Phenol-d6	6.493	99	237156	41.285	ng	0.00
23) Nitrobenzene-d5	7.410	82	226356	42.030	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	74311	40.909	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	472330	42.281	ng	0.00
79) Terphenyl-d14	12.957	244	570640	38.416	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	38355	20.532	ng	96
3) Pyridine	3.405	79	91704	21.197	ng	99
4) n-Nitrosodimethylamine	3.340	42	44712	20.501	ng	97
6) Aniline	6.516	93	103355	21.043	ng	# 81
8) 2-Chlorophenol	6.640	128	96909	20.490	ng	98
9) Benzaldehyde	6.404	77	70862	22.263	ng	98
10) Phenol	6.510	94	123728	20.782	ng	90
11) bis(2-Chloroethyl)ether	6.581	93	91473	20.602	ng	98
12) 1,3-Dichlorobenzene	6.787	146	111145	20.624	ng	99
13) 1,4-Dichlorobenzene	6.863	146	113006	20.658	ng	98
14) 1,2-Dichlorobenzene	7.016	146	107719	20.870	ng	97
15) Benzyl Alcohol	6.998	79	88251	21.487	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	108472	20.739	ng	89
17) 2-Methylphenol	7.110	107	77132	20.427	ng	97
18) Hexachloroethane	7.351	117	41766	20.509	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	71344	20.705	ng	100
20) 3+4-Methylphenols	7.269	107	102814	20.534	ng	# 88
22) Acetophenone	7.257	105	140187	20.798	ng	98
24) Nitrobenzene	7.434	77	114486	20.750	ng	98
25) Isophorone	7.669	82	185900	20.601	ng	100
26) 2-Nitrophenol	7.751	139	52133	20.516	ng	99
27) 2,4-Dimethylphenol	7.787	122	60750	20.471	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	115605	20.512	ng	98
29) 2,4-Dichlorophenol	7.998	162	84299	20.575	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	96194	20.481	ng	99
31) Naphthalene	8.151	128	303425	20.500	ng	99
32) Benzoic acid	7.910	122	51770	18.394	ng	97
33) 4-Chloroaniline	8.204	127	101583	20.664	ng	99
34) Hexachlorobutadiene	8.263	225	65803	20.824	ng	99
35) Caprolactam	8.569	113	24344	19.958	ng	98
36) 4-Chloro-3-methylphenol	8.693	107	93611	20.300	ng	98
37) 2-Methylnaphthalene	8.840	142	199492	20.375	ng	100
38) 1-Methylnaphthalene	8.940	142	193053	19.937	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	98517	20.869	ng	99
41) Hexachlorocyclopentadiene	8.987	237	18486	21.391	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	59284	20.509	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140858.D
 Acq On : 16 Dec 2024 14:00
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

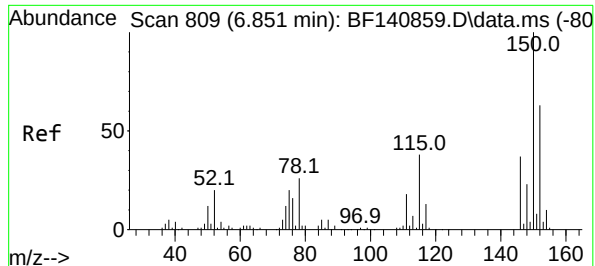
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65450	20.600	ng	99
46) 1,1'-Biphenyl	9.304	154	251662	20.606	ng	98
47) 2-Chloronaphthalene	9.328	162	192611	20.615	ng	98
48) 2-Nitroaniline	9.434	65	57140	20.250	ng	99
49) Acenaphthylene	9.745	152	288710	21.027	ng	99
50) Dimethylphthalate	9.598	163	220880	20.399	ng	99
51) 2,6-Dinitrotoluene	9.669	165	50302	20.321	ng	97
52) Acenaphthene	9.916	154	179112	20.422	ng	99
53) 3-Nitroaniline	9.845	138	50453	20.538	ng	100
54) 2,4-Dinitrophenol	9.969	184	16571	19.139	ng	96
55) Dibenzofuran	10.087	168	281092	20.683	ng	98
56) 4-Nitrophenol	10.039	139	20392	19.017	ng	90
57) 2,4-Dinitrotoluene	10.081	165	67570	20.746	ng	100
58) Fluorene	10.434	166	229160	20.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	52966	20.459	ng	98
60) Diethylphthalate	10.298	149	229798	20.466	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	116545	20.693	ng	97
62) 4-Nitroaniline	10.457	138	52016	20.263	ng	97
63) Azobenzene	10.581	77	214137	20.286	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	32520	19.149	ng	93
66) n-Nitrosodiphenylamine	10.539	169	192873	20.932	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	70804	21.118	ng	99
68) Hexachlorobenzene	10.981	284	80189	21.095	ng	99
69) Atrazine	11.069	200	57872	22.488	ng	99
70) Pentachlorophenol	11.186	266	24650m	17.726	ng	
71) Phenanthrene	11.398	178	321392	20.854	ng	100
72) Anthracene	11.451	178	315664	20.798	ng	99
73) Carbazole	11.610	167	307615	20.692	ng	99
74) Di-n-butylphthalate	11.928	149	369257	21.164	ng	99
75) Fluoranthene	12.586	202	374894	21.122	ng	100
77) Benzidine	12.716	184	93986	19.660	ng	99
78) Pyrene	12.822	202	386539	18.558	ng	99
80) Butylbenzylphthalate	13.427	149	145401	18.972	ng	97
81) Benzo(a)anthracene	14.027	228	332845	20.050	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105124	20.989	ng	97
83) Chrysene	14.069	228	319417	21.160	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	204953	20.740	ng	97
85) Di-n-octyl phthalate	14.651	149	315841	21.125	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	293402	21.315	ng	100
88) Benzo(b)fluoranthene	15.121	252	319848	20.890	ng	99
89) Benzo(k)fluoranthene	15.151	252	269871	20.548	ng	99
90) Benzo(a)pyrene	15.498	252	250110	20.861	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	240810	21.117	ng	99
92) Benzo(g,h,i)perylene	17.515	276	241228	20.785	ng	99

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

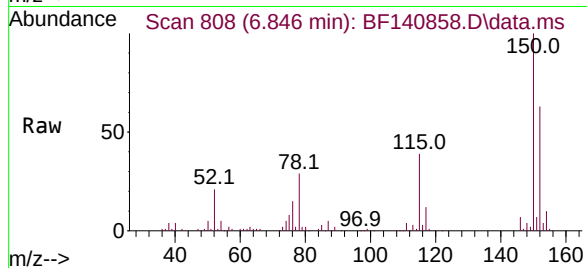
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BNA_F
ClientSampleId :
SSTDICC020

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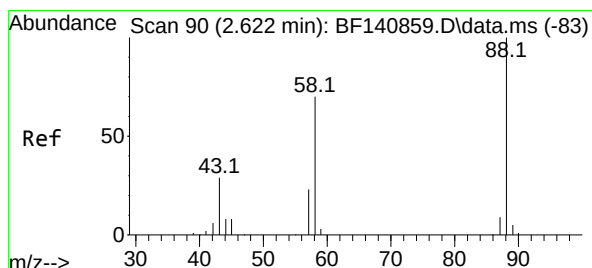
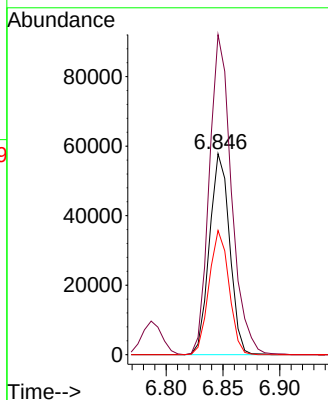
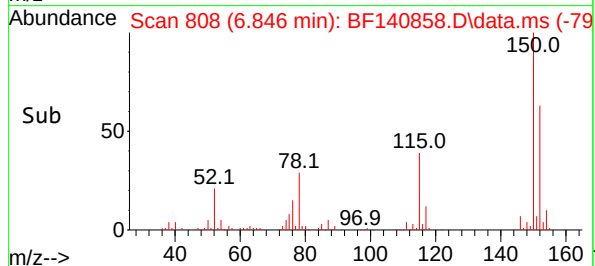


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

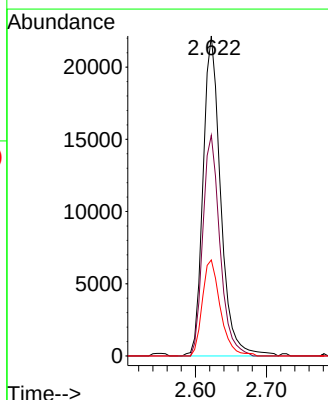
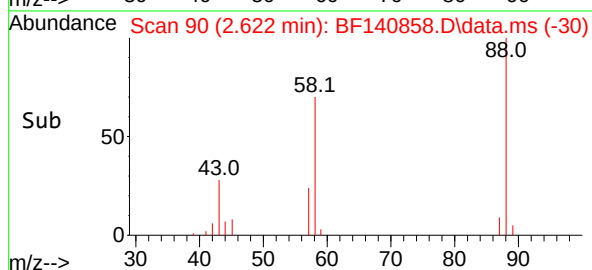
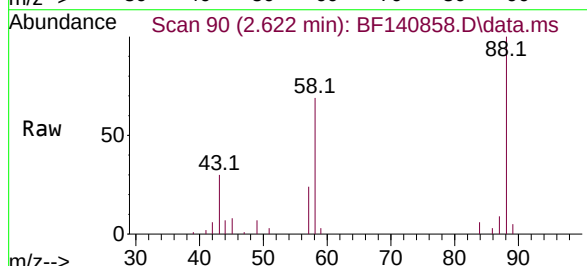


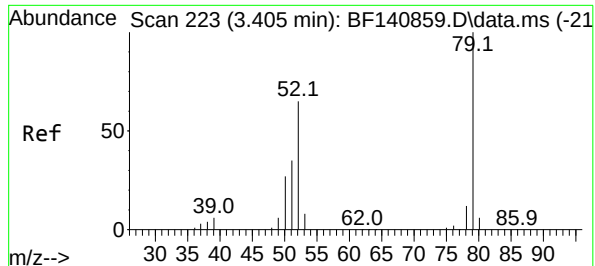
Tgt Ion:152 Resp: 71395
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 61.8 48.0 72.0



#2
1,4-Dioxane
Concen: 20.532 ng
RT: 2.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 88 Resp: 38355
Ion Ratio Lower Upper
88 100
58 66.7 55.8 83.8
43 30.7 22.7 34.1





#3

Pyridine

Concen: 21.197 ng

RT: 3.405 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

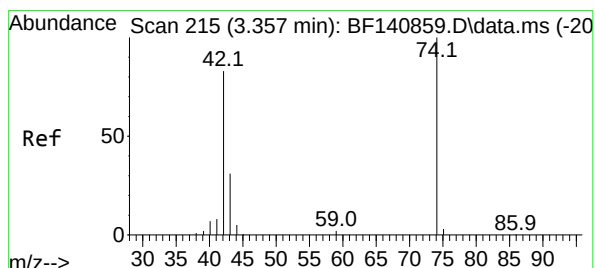
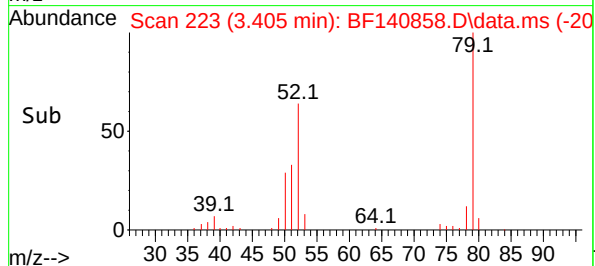
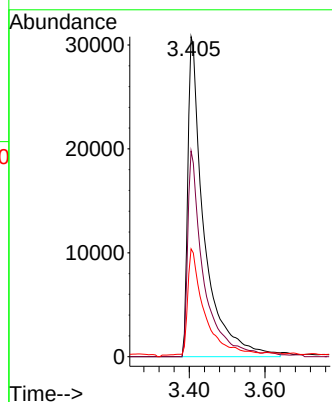
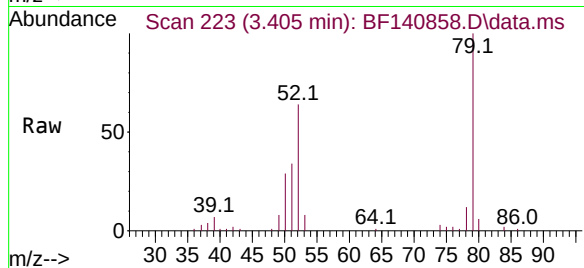
Tgt Ion: 79 Resp: 91704

Ion Ratio Lower Upper

79 100

52 64.3 51.7 77.5

51 33.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 20.501 ng

RT: 3.340 min Scan# 212

Delta R.T. -0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

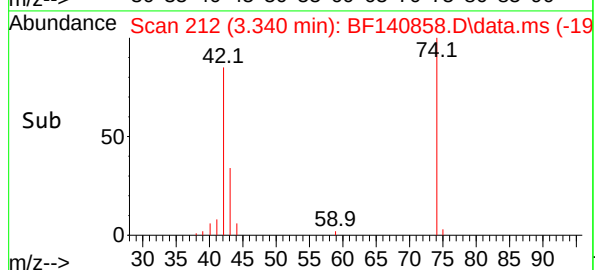
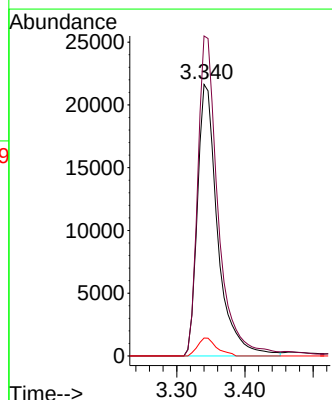
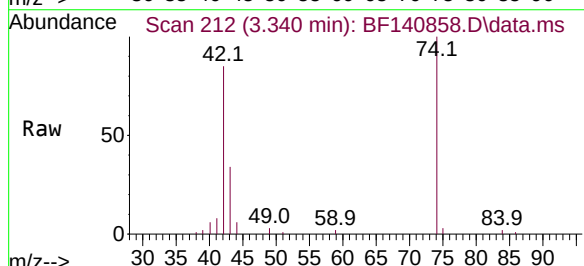
Tgt Ion: 42 Resp: 44712

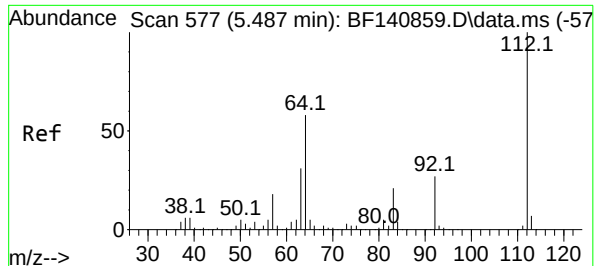
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

44 6.6 4.4 6.6

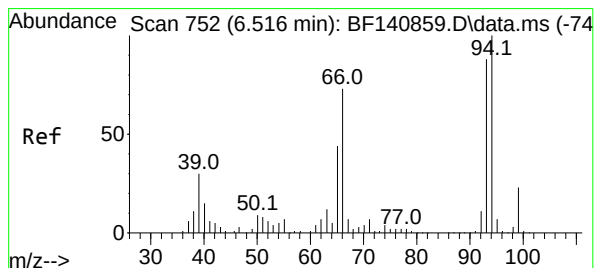
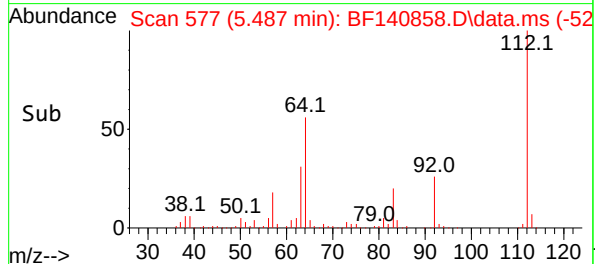
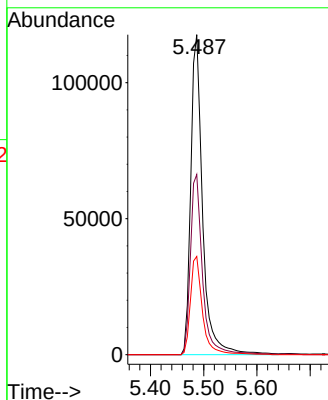
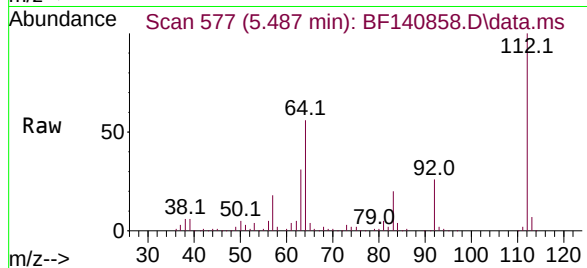




#5
2-Fluorophenol
Concen: 42.100 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

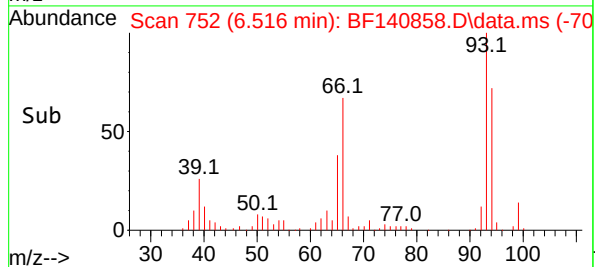
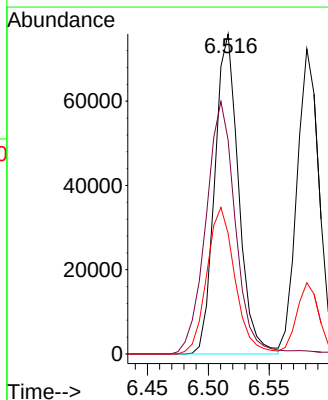
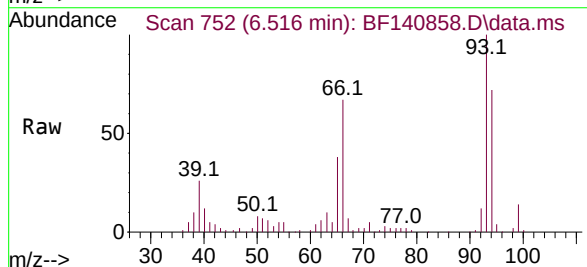
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BNA_F
ClientSampleId :
SSTDICC020

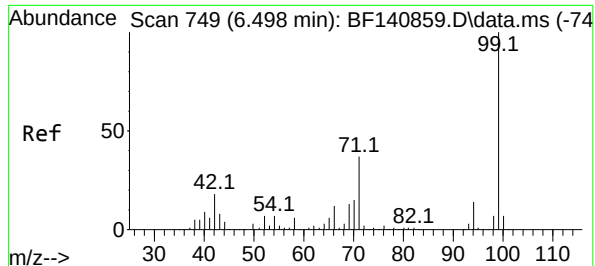
Tgt Ion:112 Resp: 182586
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 30.7 24.9 37.3



#6
Aniline
Concen: 21.043 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 93 Resp: 103355
Ion Ratio Lower Upper
93 100
66 66.9 67.0 100.4#
65 37.7 40.4 60.6#





#7

Phenol-d6

Concen: 41.285 ng

RT: 6.493 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

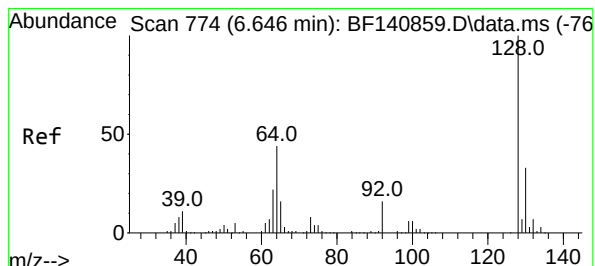
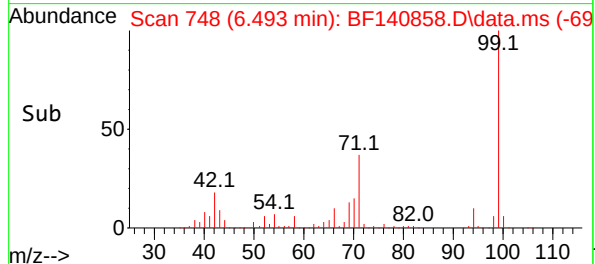
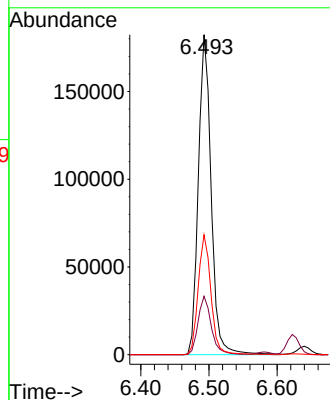
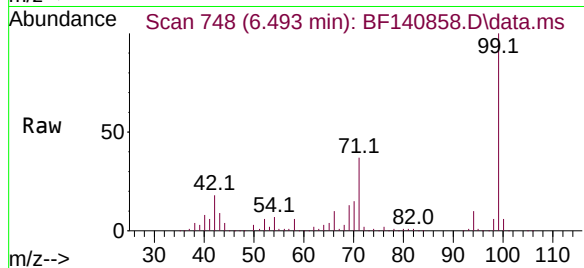
Tgt Ion: 99 Resp: 237156

Ion Ratio Lower Upper

99 100

42 18.3 14.3 21.5

71 37.4 29.9 44.9



#8

2-Chlorophenol

Concen: 20.490 ng

RT: 6.640 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

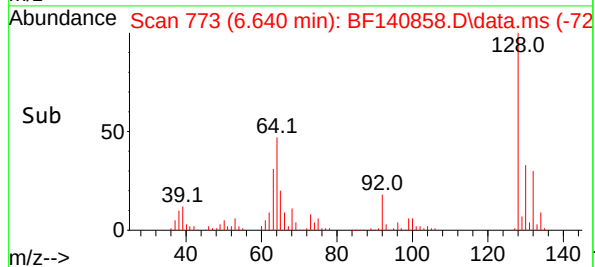
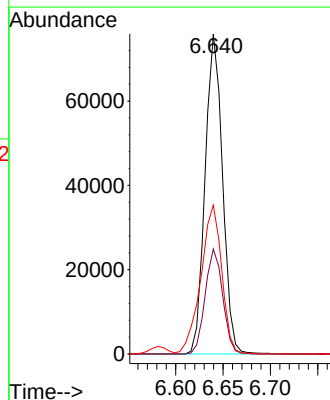
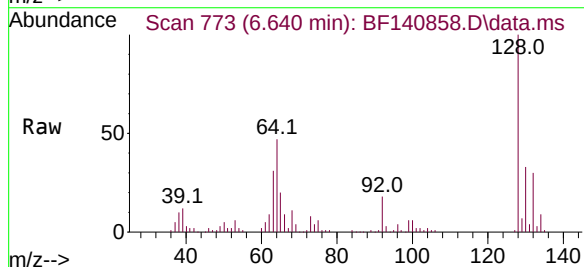
Tgt Ion: 128 Resp: 96909

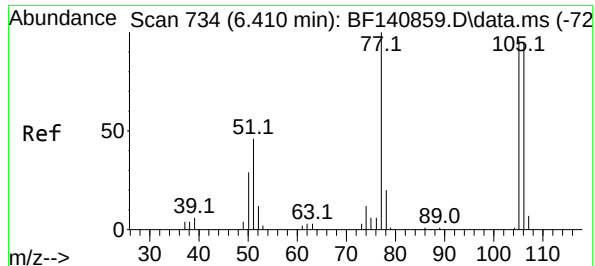
Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

64 46.5 24.3 64.3





#9

Benzaldehyde

Concen: 22.263 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

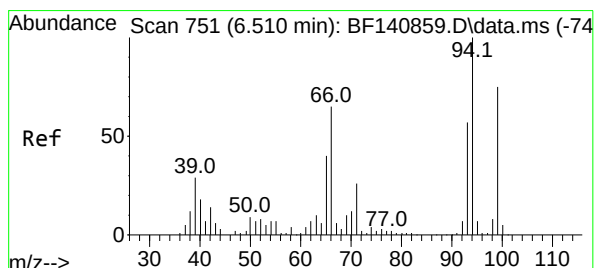
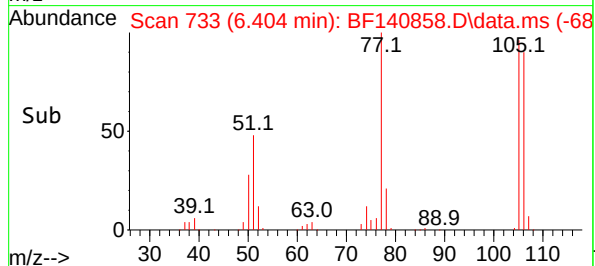
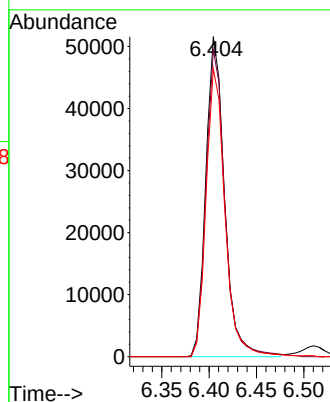
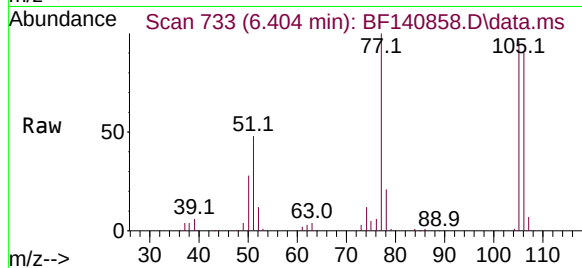
Tgt Ion: 77 Resp: 70862

Ion Ratio Lower Upper

77 100

105 95.9 75.8 115.8

106 89.9 74.1 114.1



#10

Phenol

Concen: 20.782 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

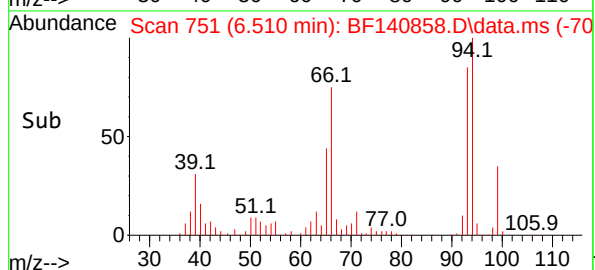
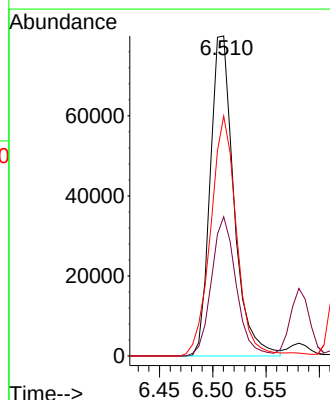
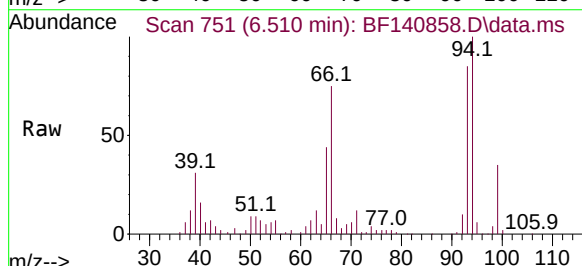
Tgt Ion: 94 Resp: 123728

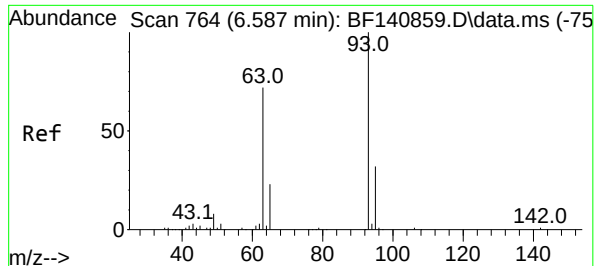
Ion Ratio Lower Upper

94 100

65 43.5 19.9 59.9

66 75.0 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 20.602 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

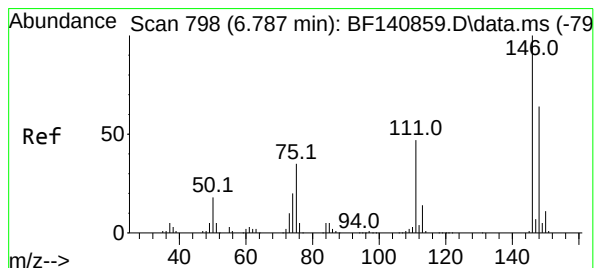
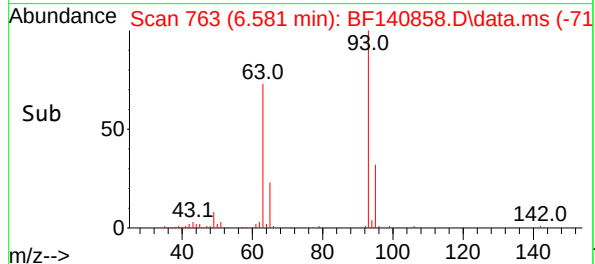
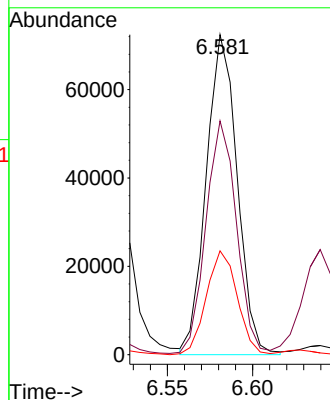
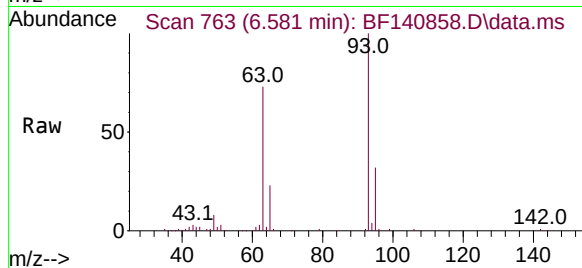
Tgt Ion: 93 Resp: 91473

Ion Ratio Lower Upper

93 100

63 73.0 51.0 91.0

95 32.5 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 20.624 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

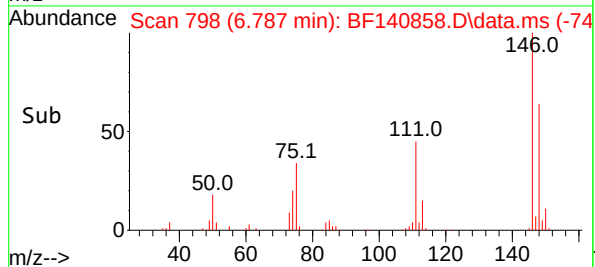
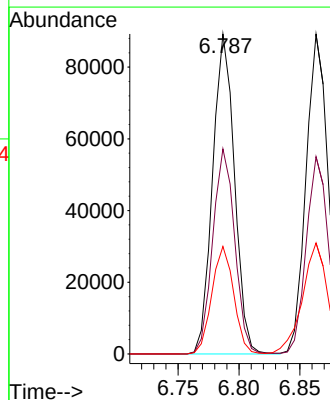
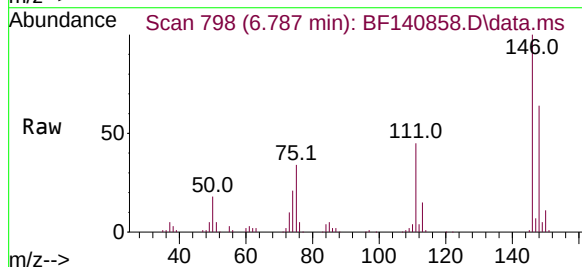
Tgt Ion: 146 Resp: 111145

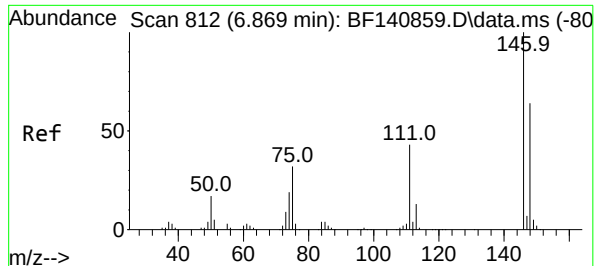
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

75 33.6 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 20.658 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

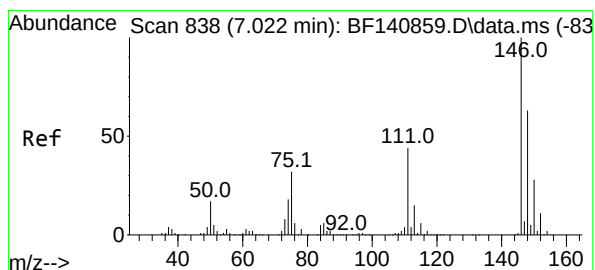
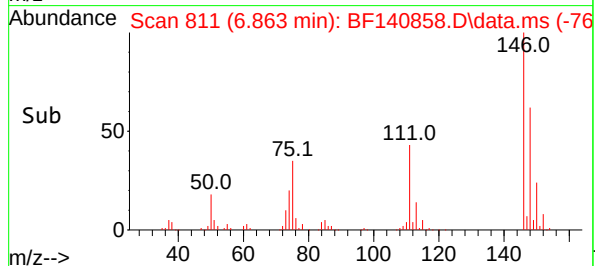
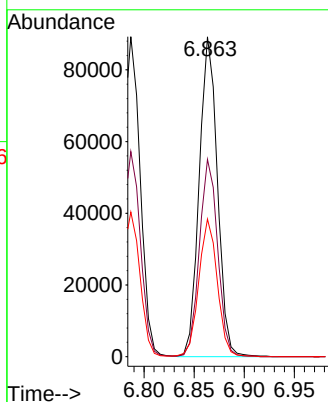
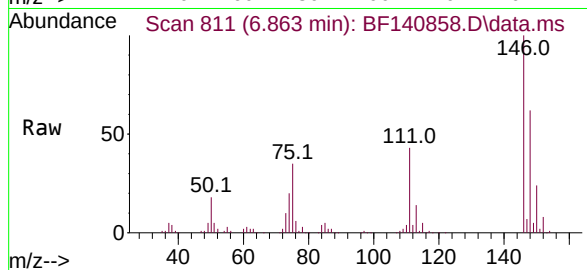
Tgt Ion:146 Resp: 113006

Ion Ratio Lower Upper

146 100

148 61.7 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 20.870 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

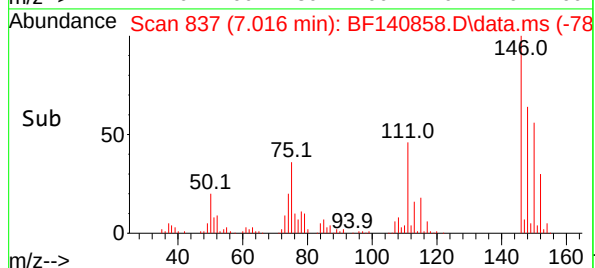
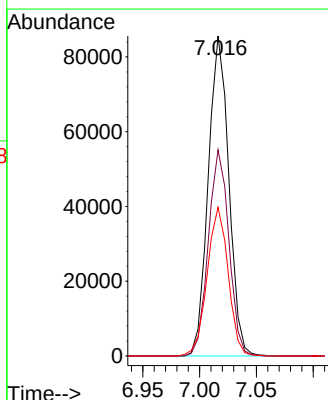
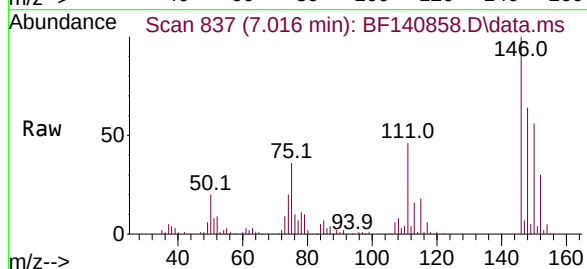
Tgt Ion:146 Resp: 107719

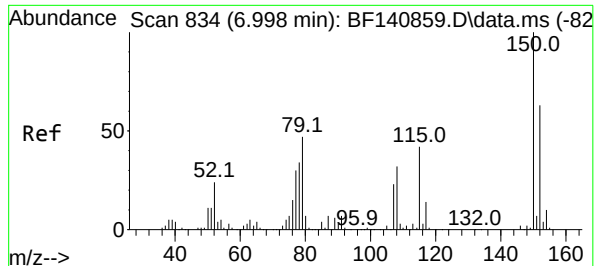
Ion Ratio Lower Upper

146 100

148 64.4 50.0 75.0

111 46.4 35.6 53.4





#15

Benzyl Alcohol

Concen: 21.487 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

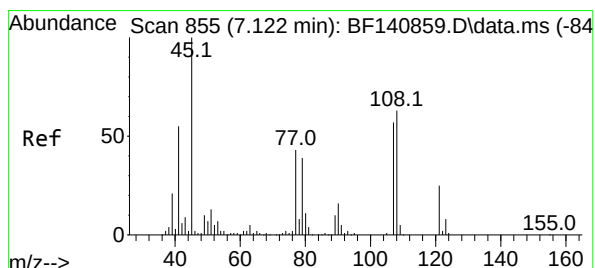
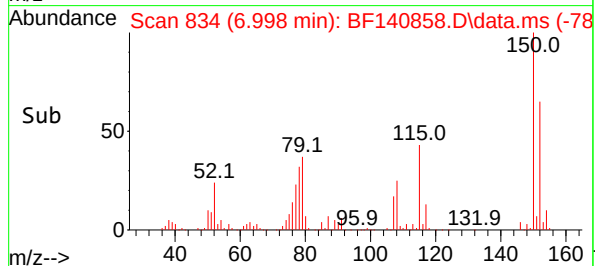
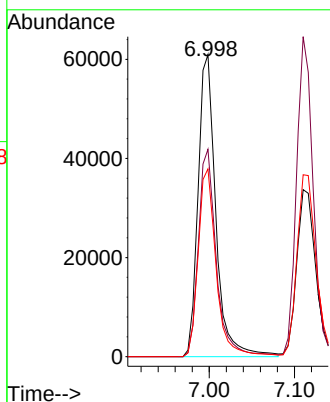
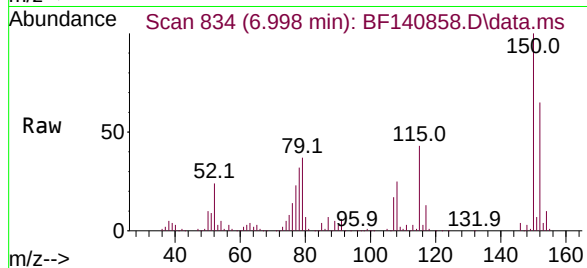
Tgt Ion: 79 Resp: 88251

Ion Ratio Lower Upper

79 100

108 68.6 55.1 82.7

77 62.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.739 ng

RT: 7.122 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

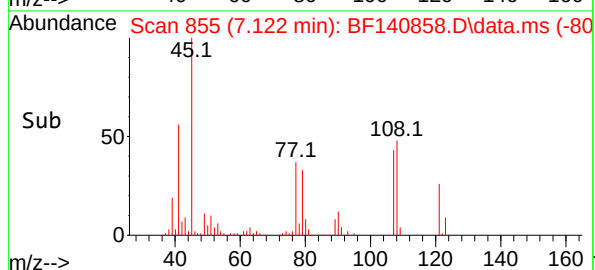
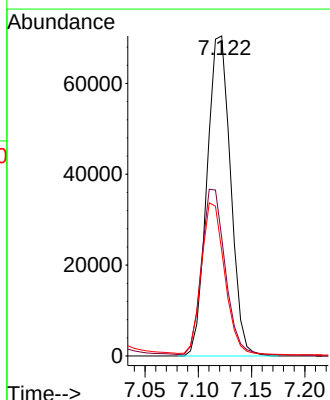
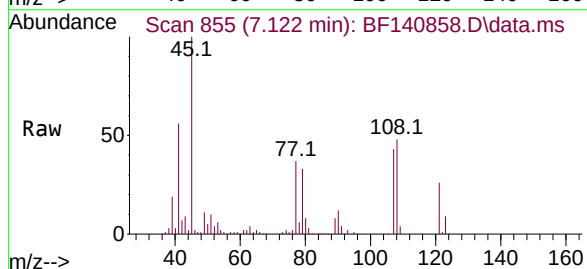
Tgt Ion: 45 Resp: 108472

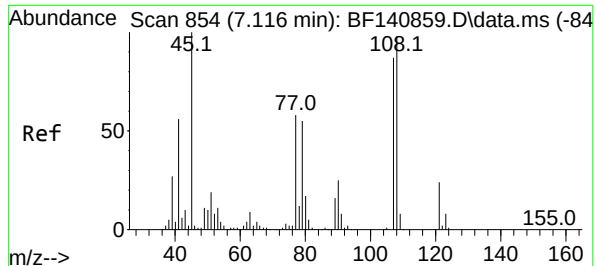
Ion Ratio Lower Upper

45 100

77 37.0 23.3 63.3

79 32.9 20.0 60.0

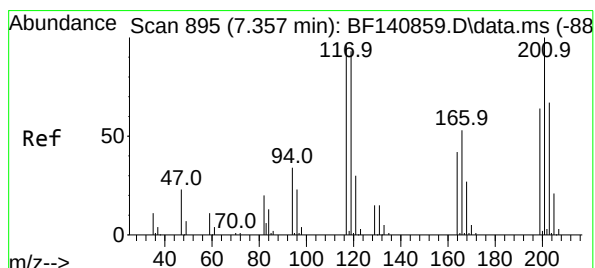
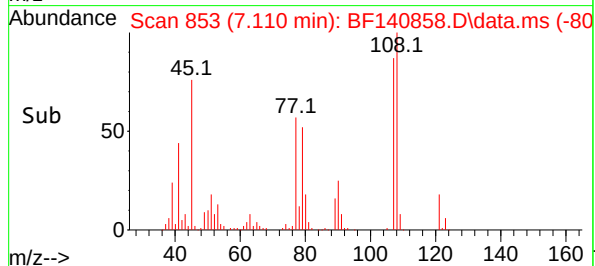
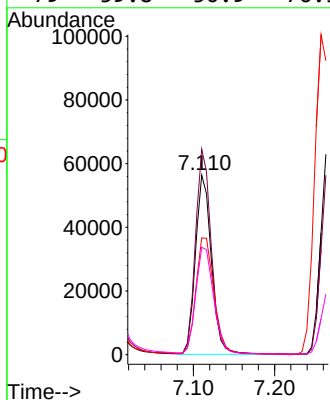
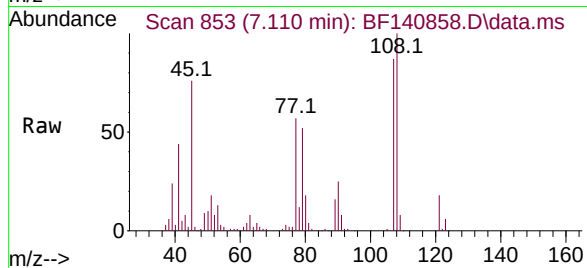




#17
2-Methylphenol
Concen: 20.427 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

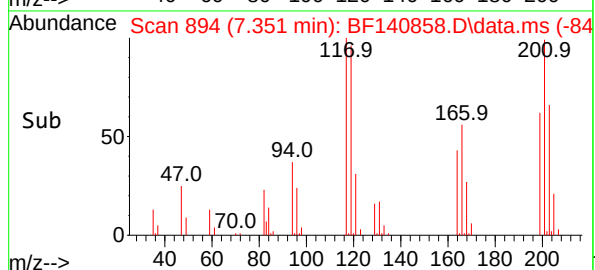
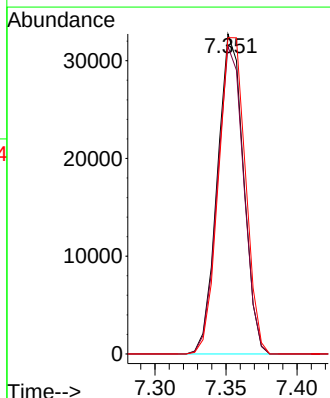
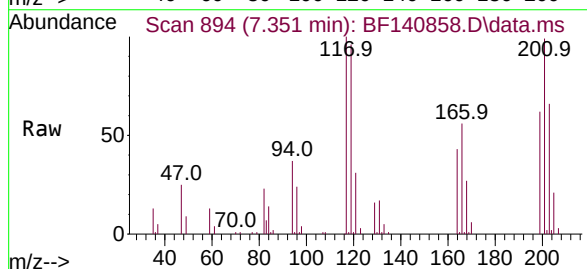
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

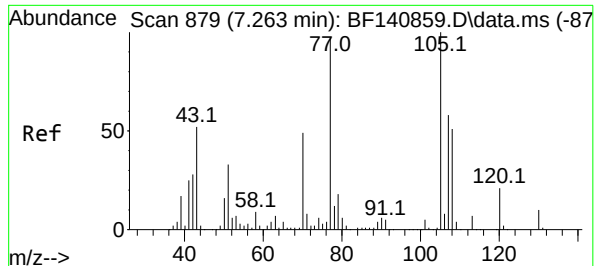
Tgt Ion:	107	Resp:	77132
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.2	135.4
77	65.1	53.8	80.6
79	59.8	50.9	76.3



#18
Hexachloroethane
Concen: 20.509 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:	117	Resp:	41766
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	98.9	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 20.705 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 71344

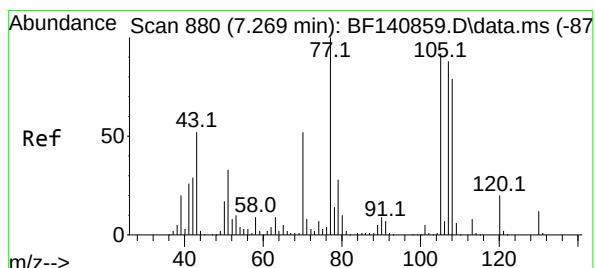
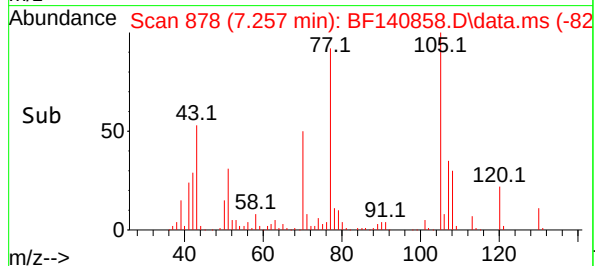
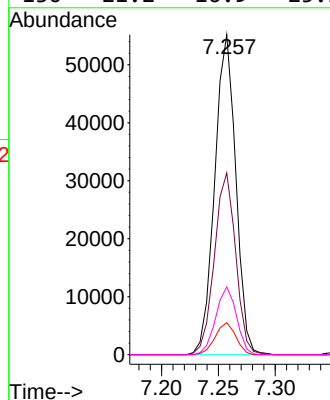
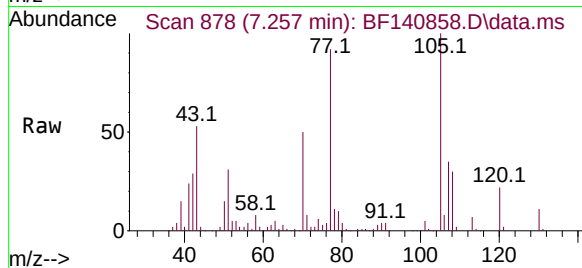
Ion Ratio Lower Upper

70 100

42 56.8 45.3 67.9

101 10.0 8.0 12.0

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 20.534 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion: 107 Resp: 102814

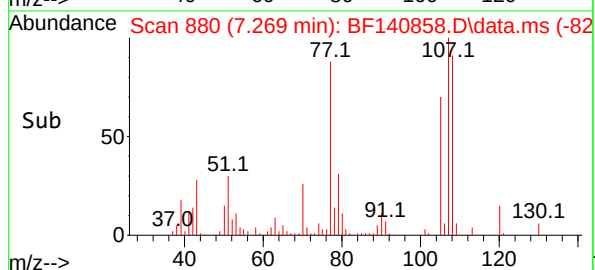
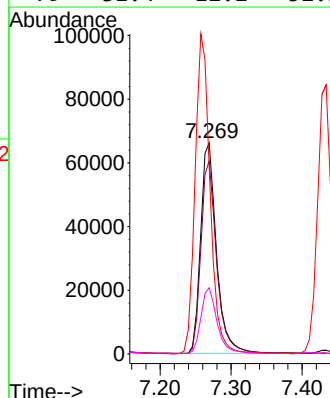
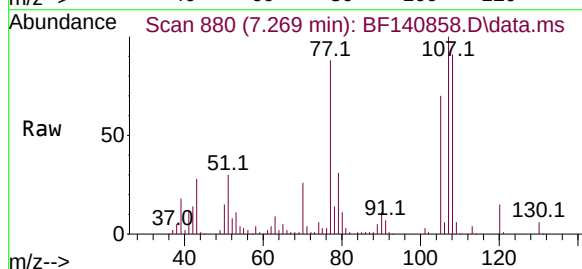
Ion Ratio Lower Upper

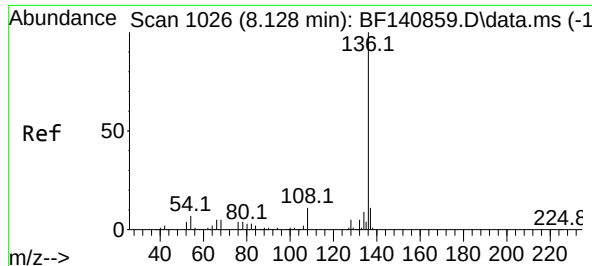
107 100

108 91.5 70.1 110.1

77 88.5 94.4 134.4#

79 31.4 12.2 52.2

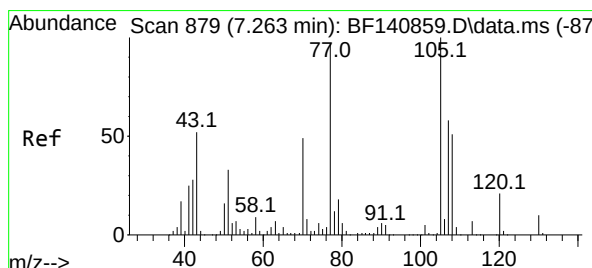
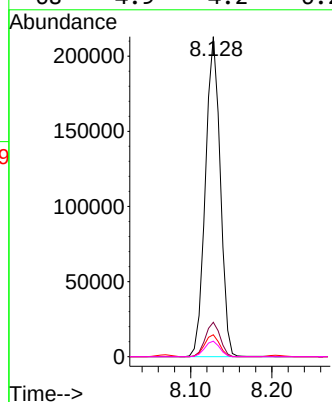
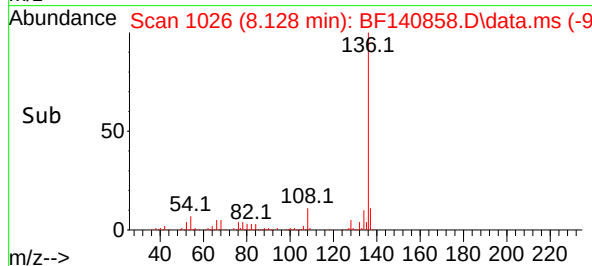
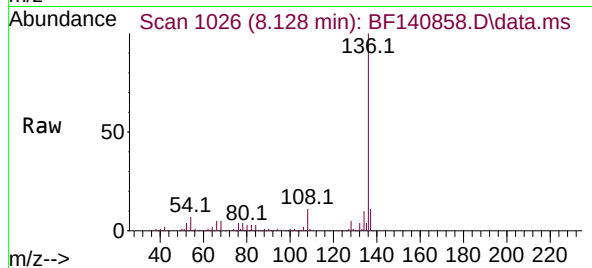




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

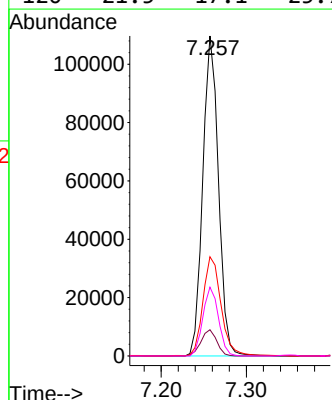
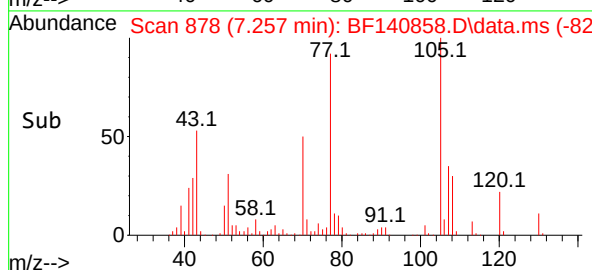
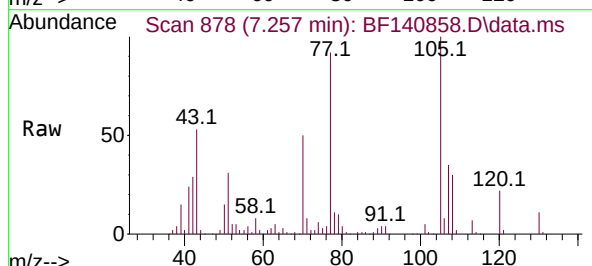
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

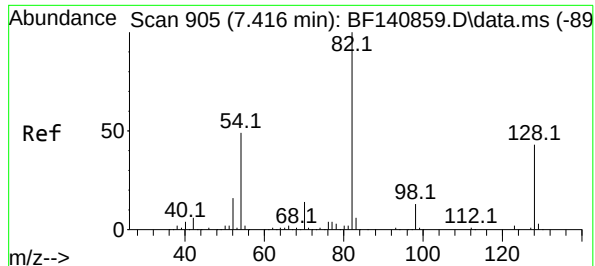
Tgt Ion:136 Resp: 269448
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 5.6 8.4
68 4.9 4.2 6.2



#22
Acetophenone
Concen: 20.798 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:105 Resp: 140187
Ion Ratio Lower Upper
105 100
71 8.2 6.2 9.4
51 31.0 26.3 39.5
120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 42.030 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

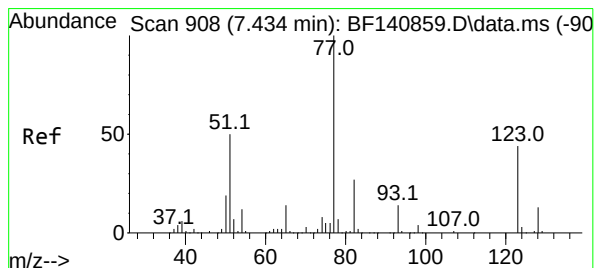
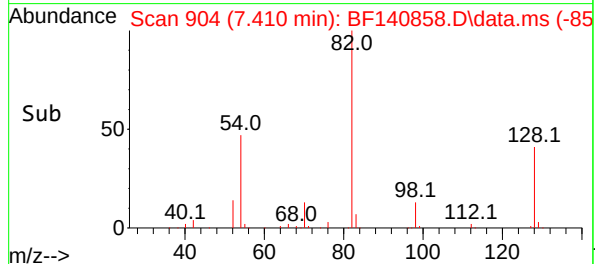
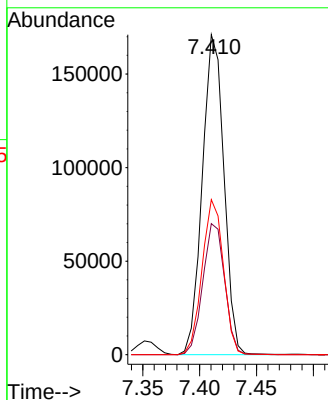
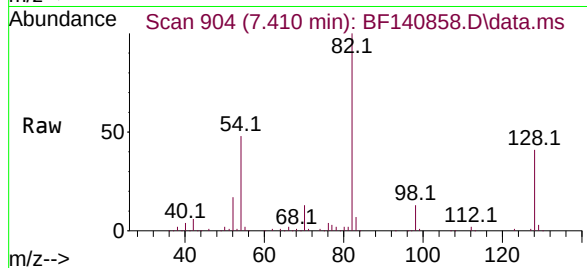
Tgt Ion: 82 Resp: 226356

Ion Ratio Lower Upper

82 100

128 40.9 34.4 51.6

54 48.5 38.8 58.2



#24

Nitrobenzene

Concen: 20.750 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

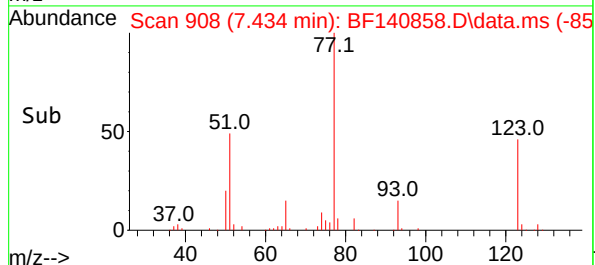
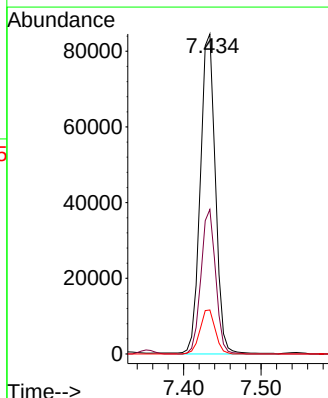
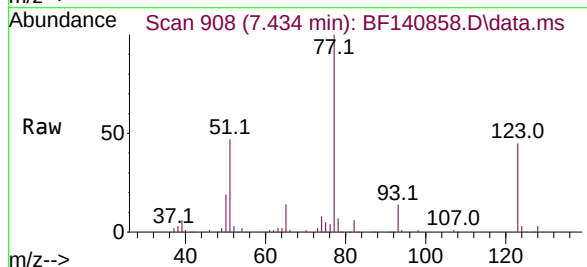
Tgt Ion: 77 Resp: 114486

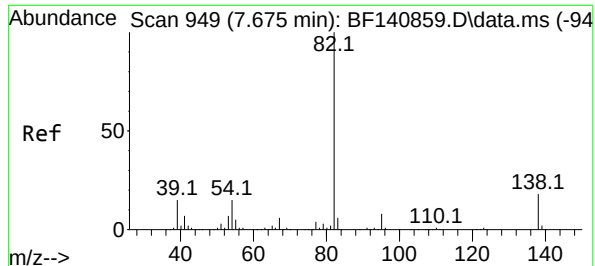
Ion Ratio Lower Upper

77 100

123 45.2 35.0 52.4

65 13.7 11.4 17.0





#25

Isophorone

Concen: 20.601 ng

RT: 7.669 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

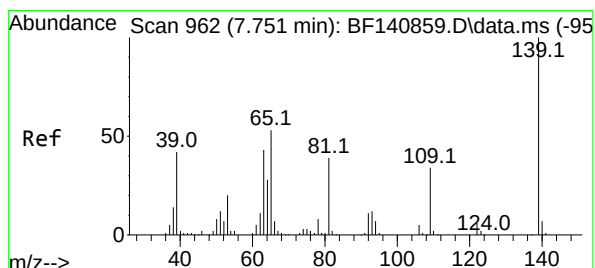
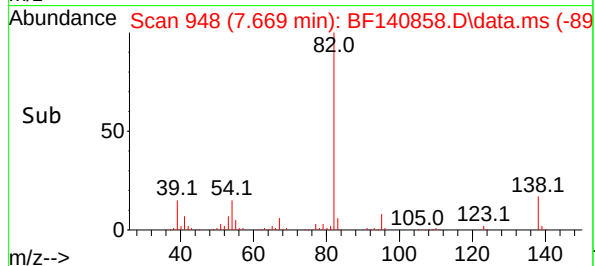
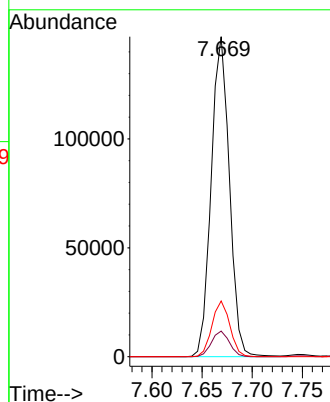
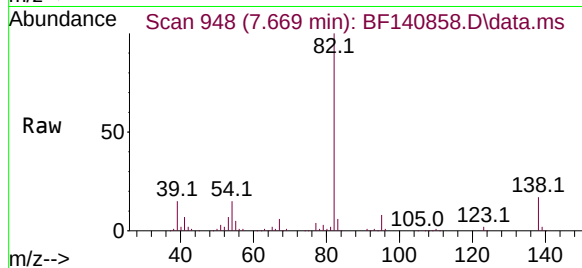
Tgt Ion: 82 Resp: 185900

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

138 17.4 14.1 21.1



#26

2-Nitrophenol

Concen: 20.516 ng

RT: 7.751 min Scan# 962

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

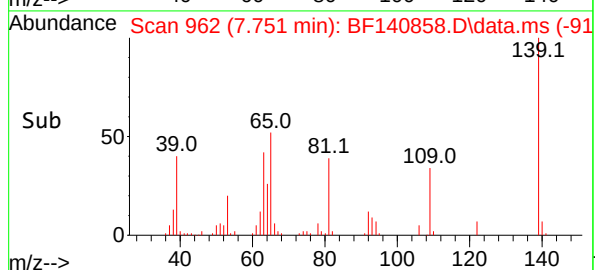
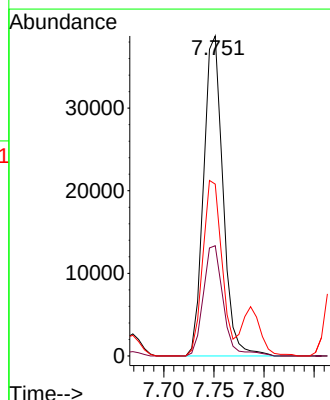
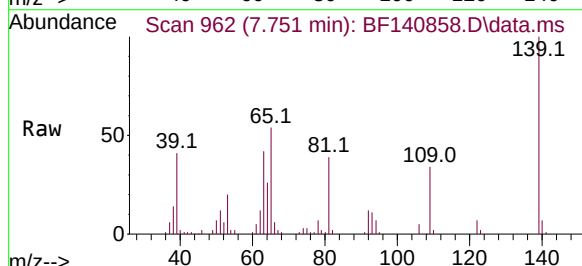
Tgt Ion:139 Resp: 52133

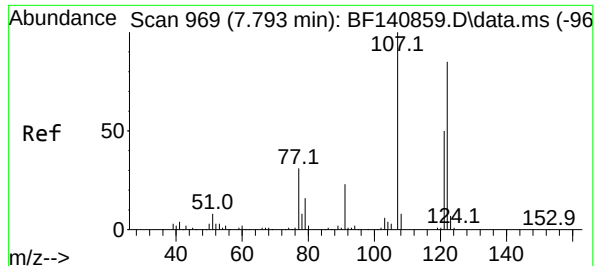
Ion Ratio Lower Upper

139 100

109 34.5 26.9 40.3

65 53.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 20.471 ng

RT: 7.787 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

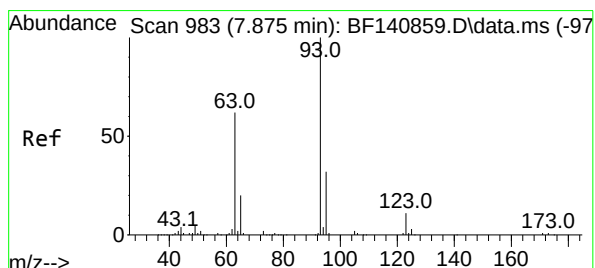
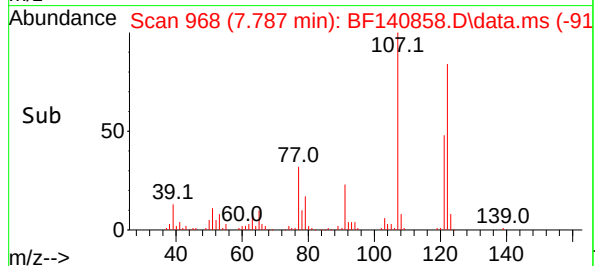
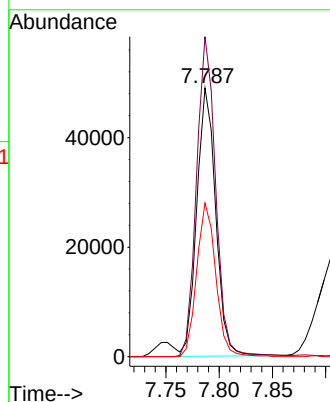
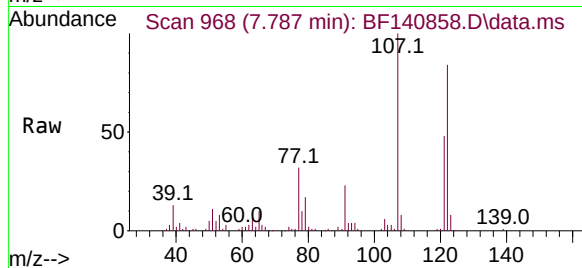
Tgt Ion:122 Resp: 60750

Ion Ratio Lower Upper

122 100

107 119.1 92.6 139.0

121 57.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.512 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

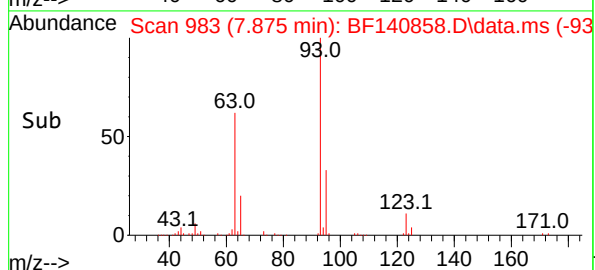
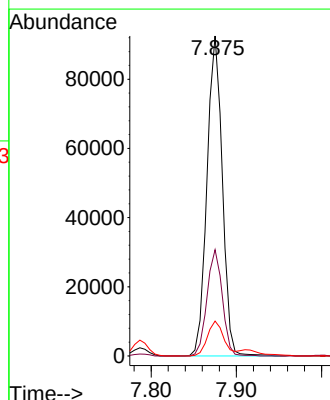
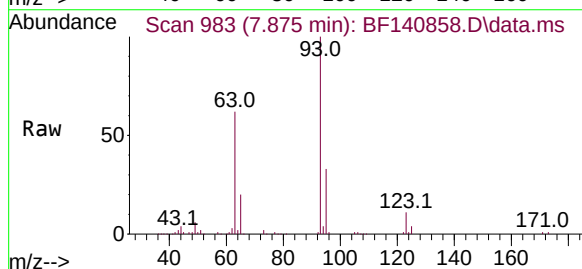
Tgt Ion: 93 Resp: 115605

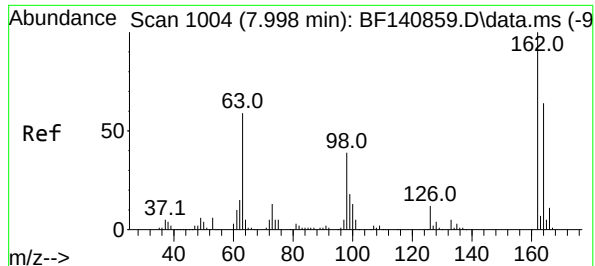
Ion Ratio Lower Upper

93 100

95 33.2 25.3 37.9

123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 20.575 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

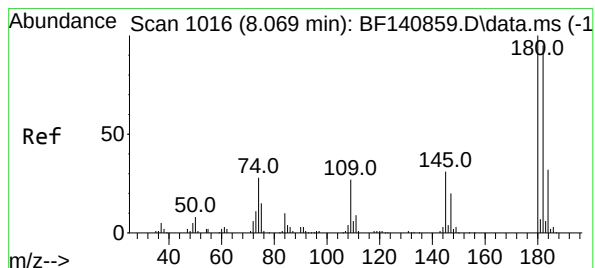
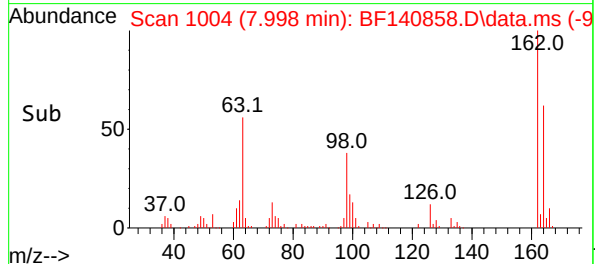
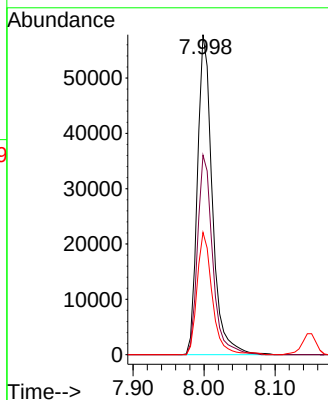
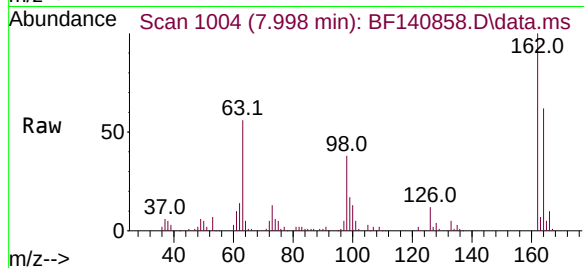
Tgt Ion:162 Resp: 84299

Ion Ratio Lower Upper

162 100

164 62.3 43.7 83.7

98 38.2 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 20.481 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

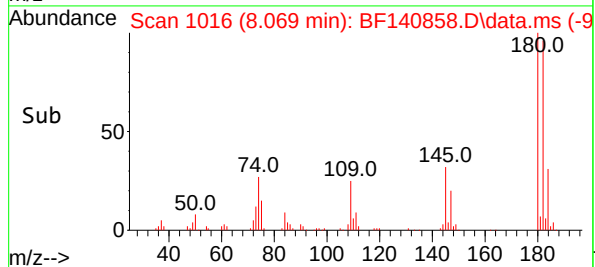
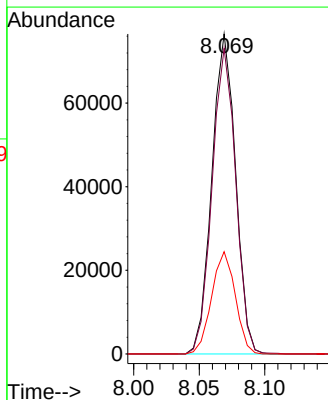
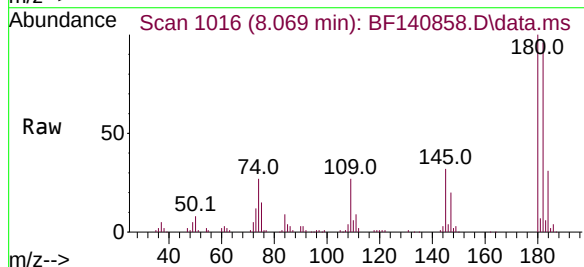
Tgt Ion:180 Resp: 96194

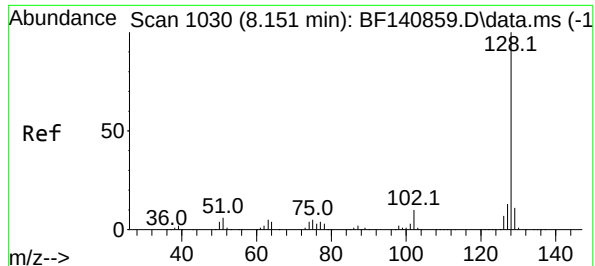
Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.6

145 31.9 25.2 37.8





#31

Naphthalene

Concen: 20.500 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

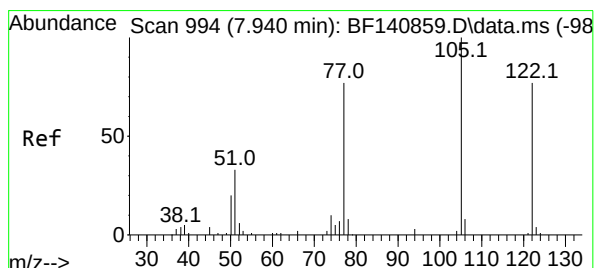
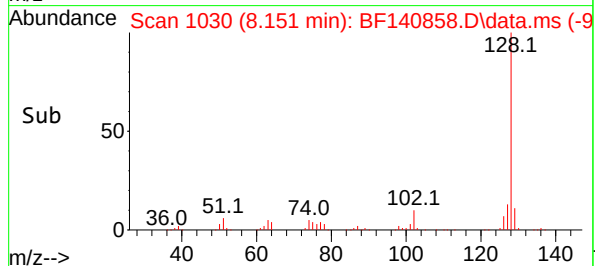
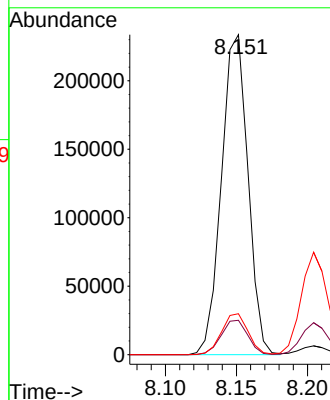
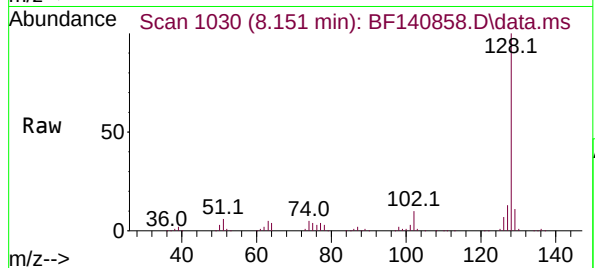
Tgt Ion:128 Resp: 303425

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 12.8 10.6 16.0



#32

Benzoic acid

Concen: 18.394 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.030 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

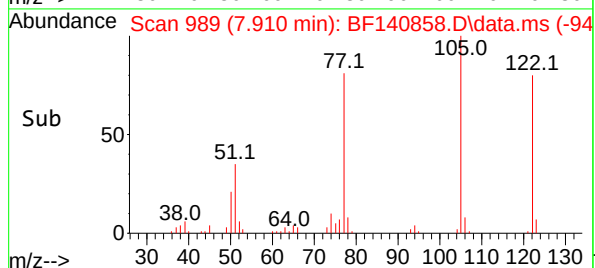
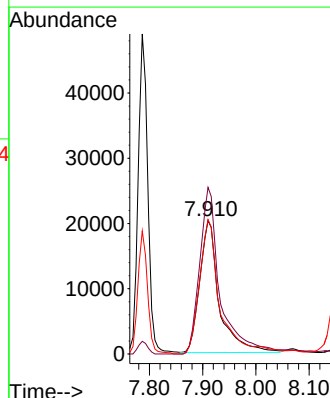
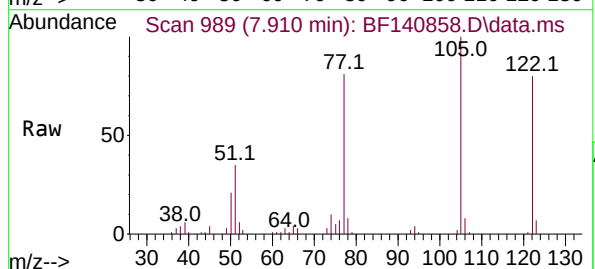
Tgt Ion:122 Resp: 51770

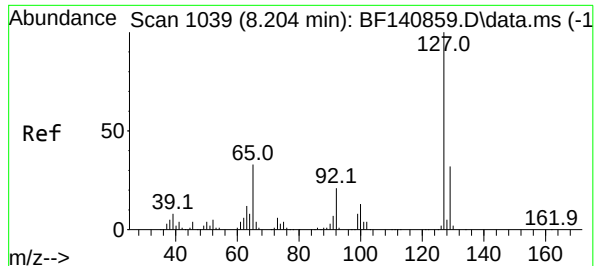
Ion Ratio Lower Upper

122 100

105 125.0 108.3 148.3

77 100.9 78.8 118.8





#33

4-Chloroaniline

Concen: 20.664 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 101583

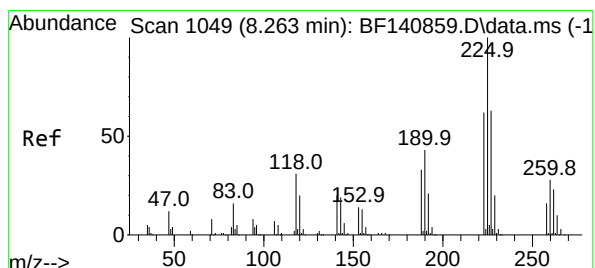
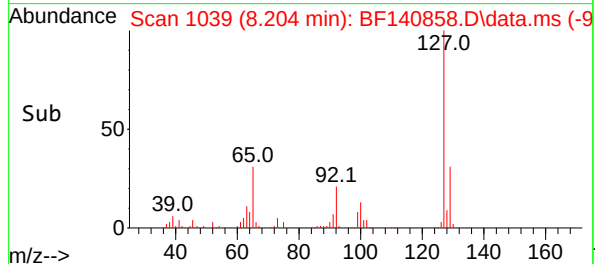
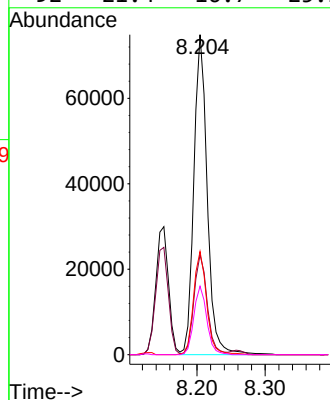
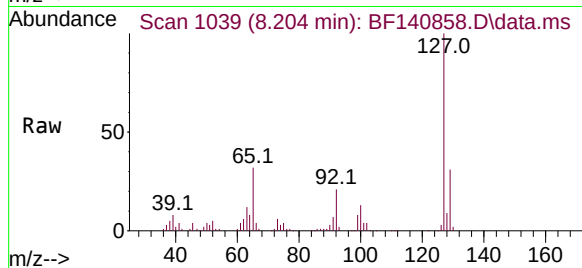
Ion Ratio Lower Upper

127 100

129 31.3 26.0 39.0

65 32.3 26.0 39.0

92 21.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 20.824 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

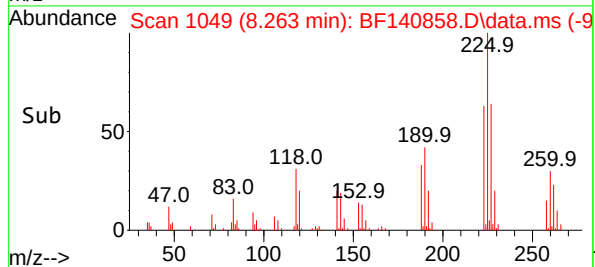
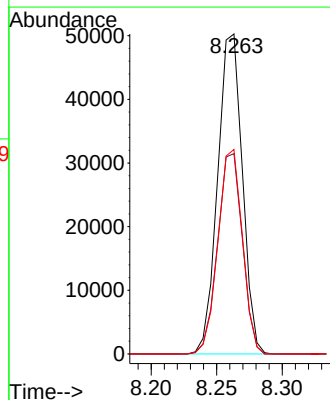
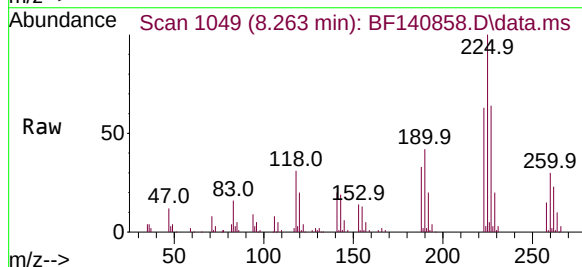
Tgt Ion:225 Resp: 65803

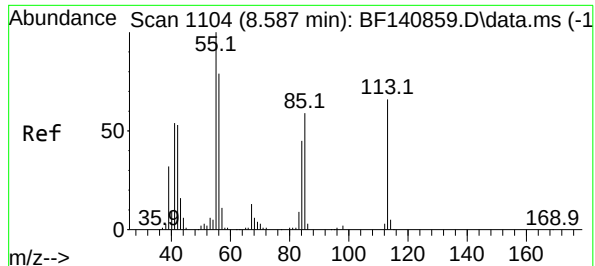
Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

227 63.9 50.7 76.1

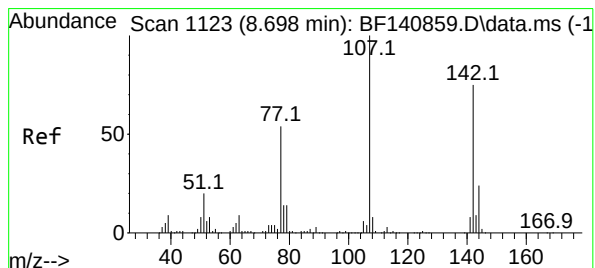
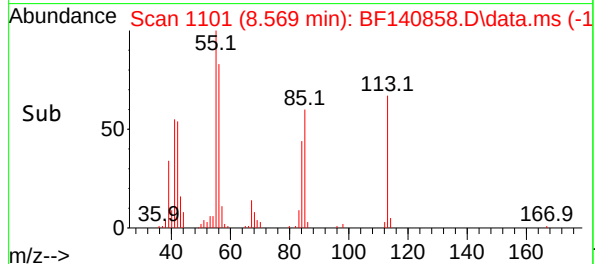
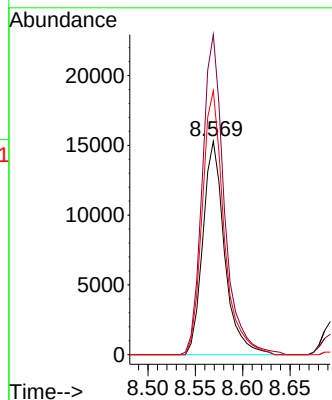
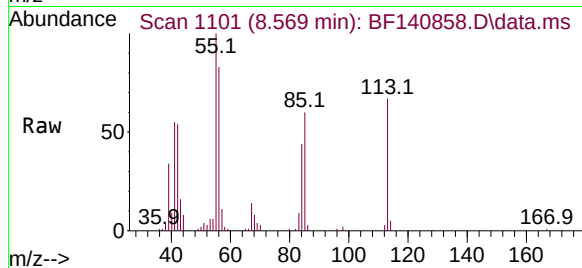




#35
Caprolactam
Concen: 19.958 ng
RT: 8.569 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

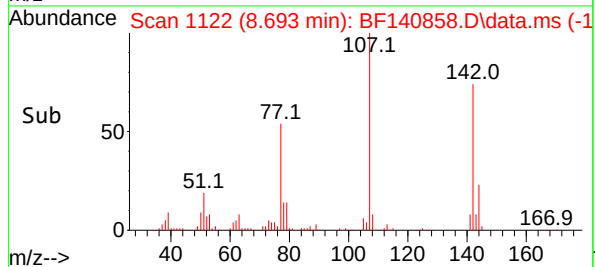
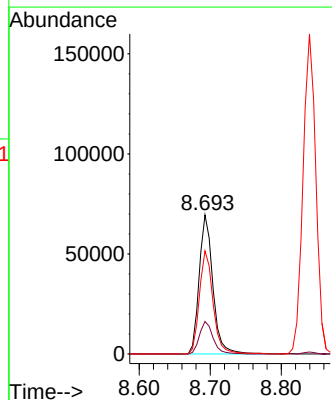
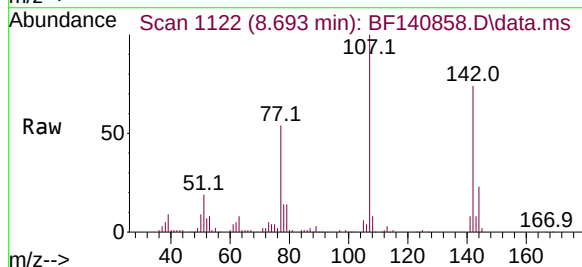
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

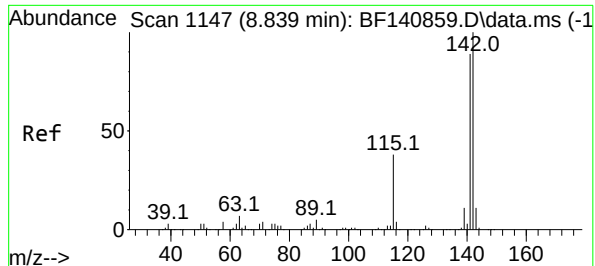
Tgt Ion:113 Resp: 24344
Ion Ratio Lower Upper
113 100
55 149.9 132.3 172.3
56 123.7 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 20.300 ng
RT: 8.693 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:107 Resp: 93611
Ion Ratio Lower Upper
107 100
144 23.4 19.4 29.2
142 74.1 60.3 90.5





#37

2-Methylnaphthalene

Concen: 20.375 ng

RT: 8.840 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

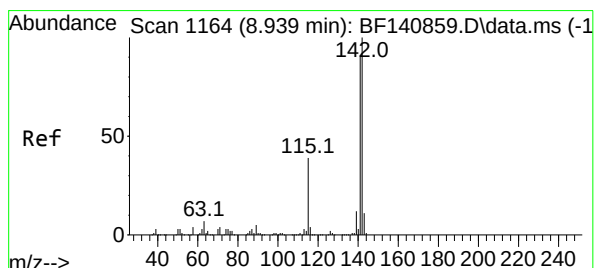
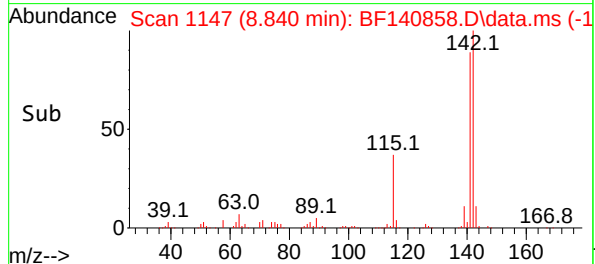
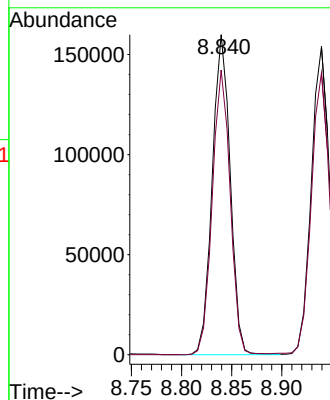
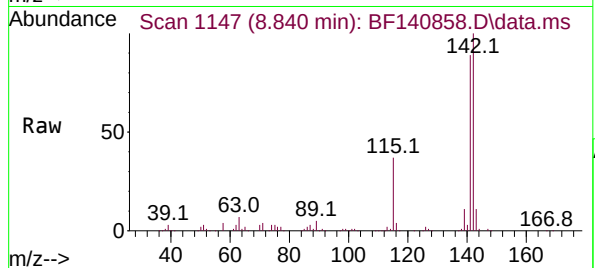
SSTDICC020

Tgt Ion:142 Resp: 199492

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 19.937 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140858.D

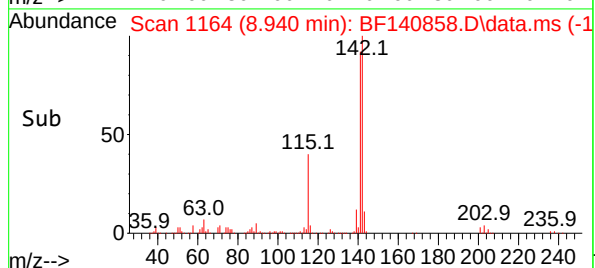
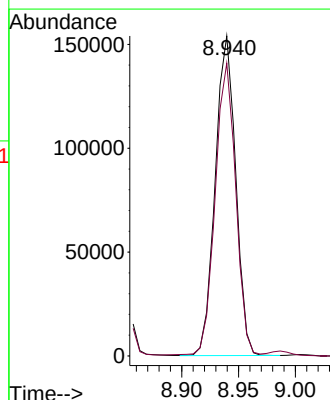
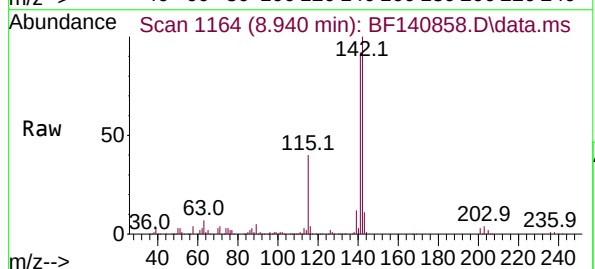
Acq: 16 Dec 2024 14:00

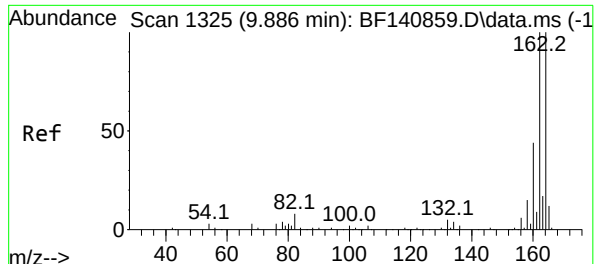
Tgt Ion:142 Resp: 193053

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

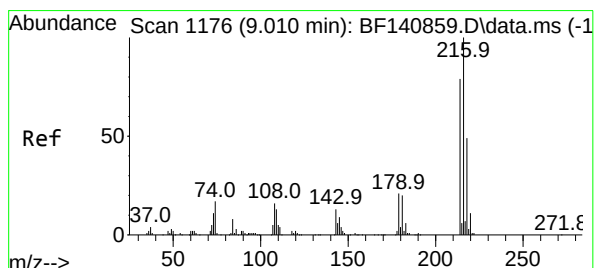
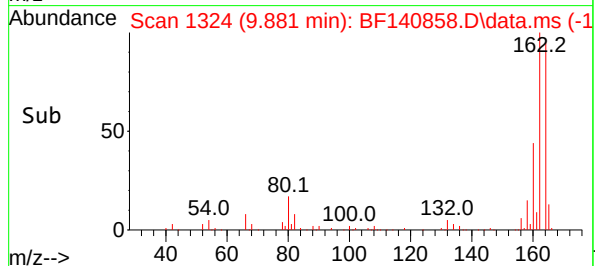
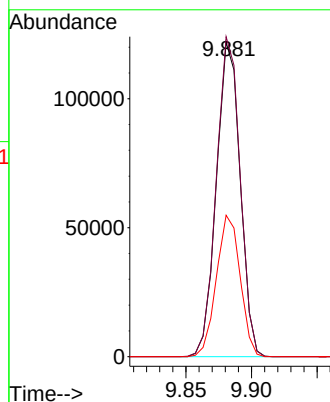
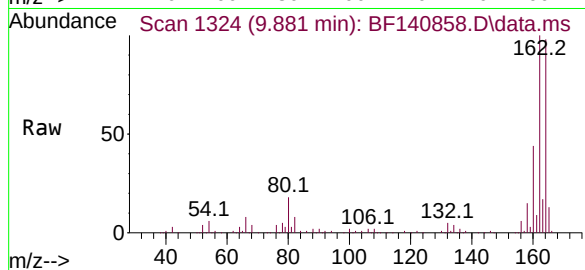
Tgt Ion:164 Resp: 153586

Ion Ratio Lower Upper

164 100

162 101.8 79.9 119.9

160 45.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.869 ng

RT: 9.004 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion:216 Resp: 98517

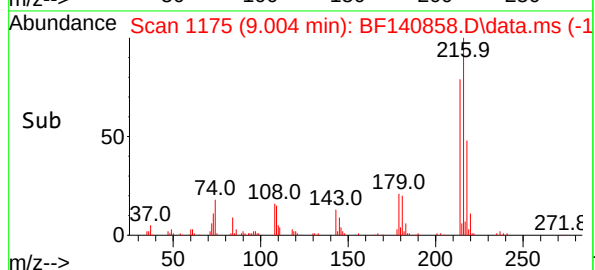
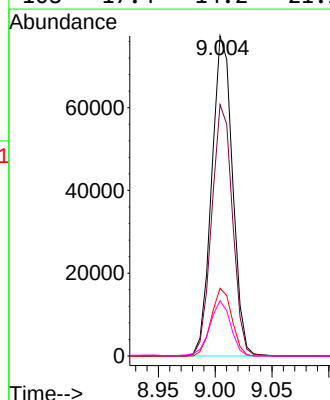
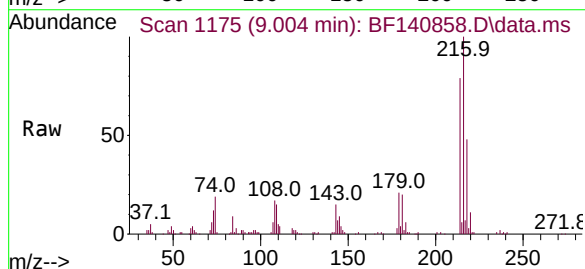
Ion Ratio Lower Upper

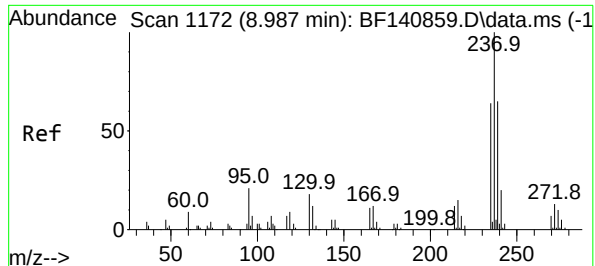
216 100

214 78.3 63.6 95.4

179 20.8 17.0 25.4

108 17.4 14.2 21.2

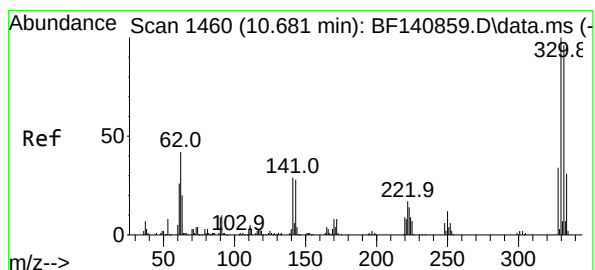
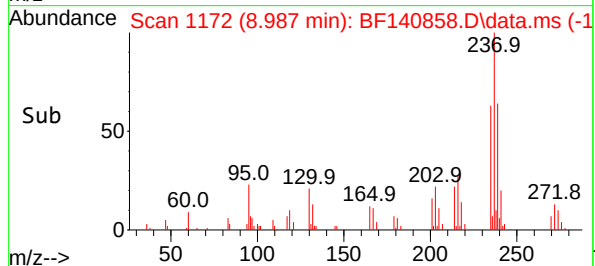
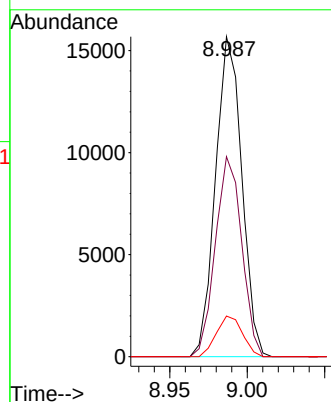
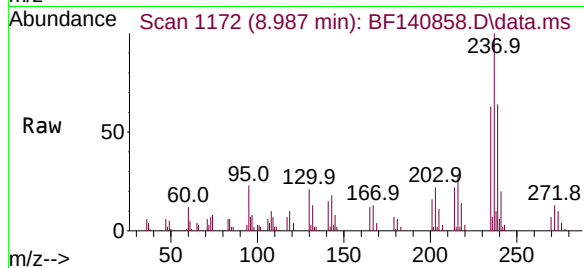




#41
Hexachlorocyclopentadiene
Concen: 21.391 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

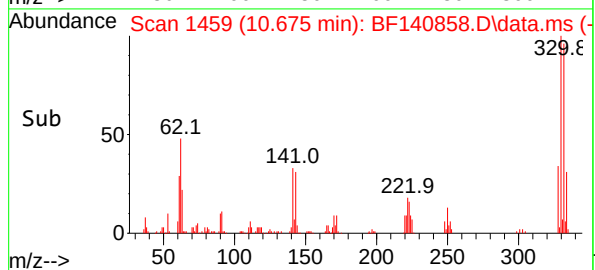
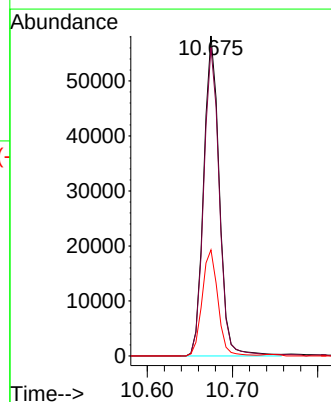
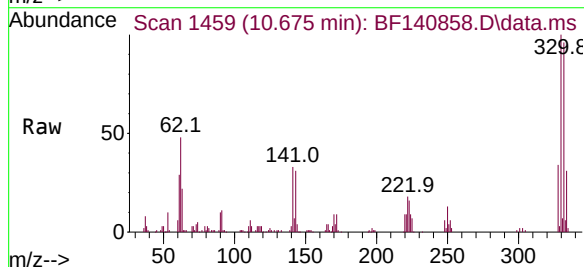
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

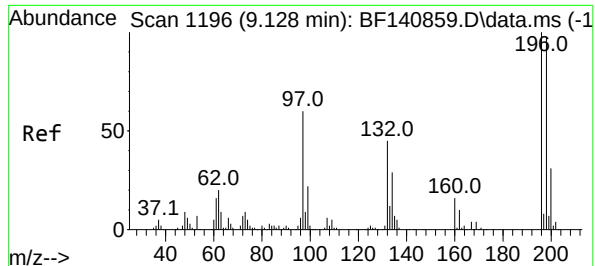
Tgt Ion:237 Resp: 18486
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 12.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 40.909 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:330 Resp: 74311
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 33.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 20.509 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

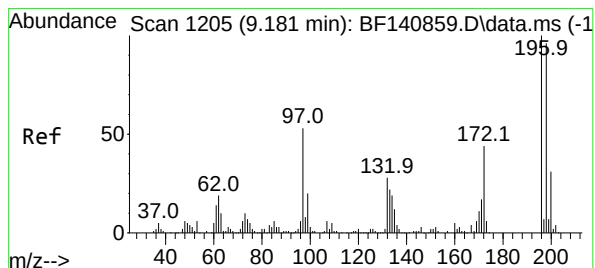
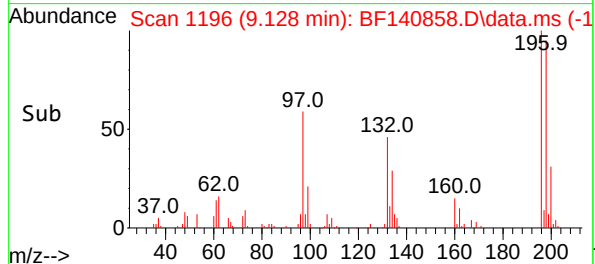
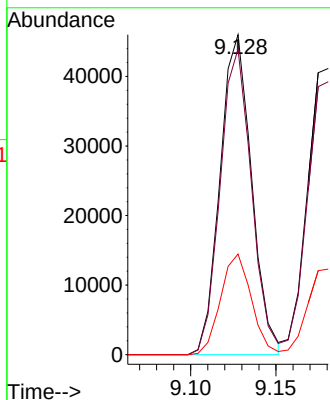
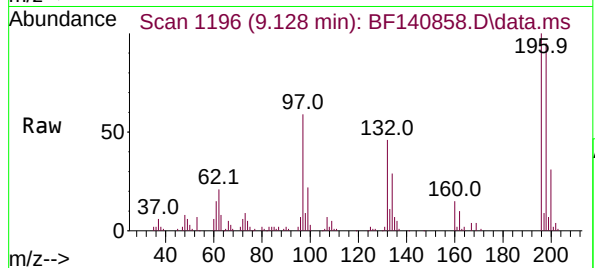
Tgt Ion:196 Resp: 59284

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 31.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 20.600 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion:196 Resp: 65450

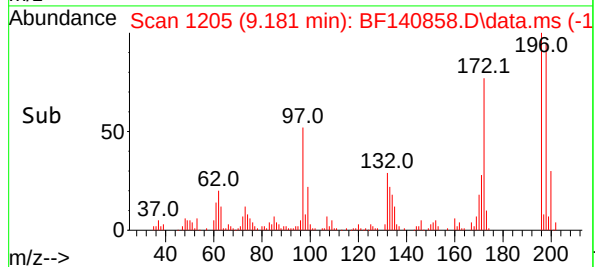
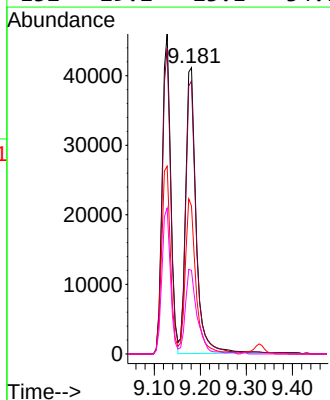
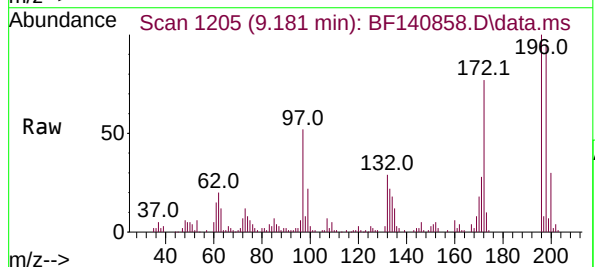
Ion Ratio Lower Upper

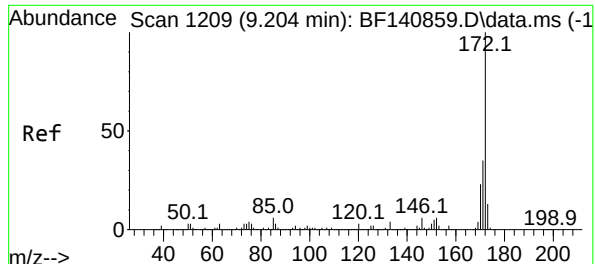
196 100

198 95.3 77.2 115.8

97 51.7 42.2 63.4

132 29.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 42.281 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

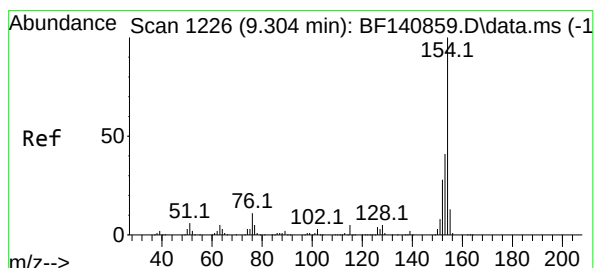
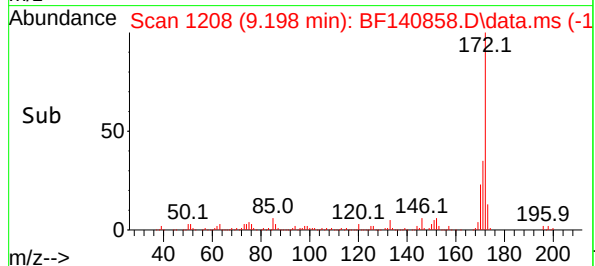
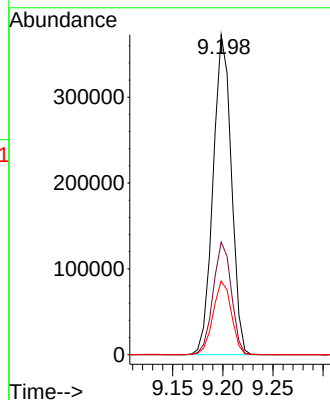
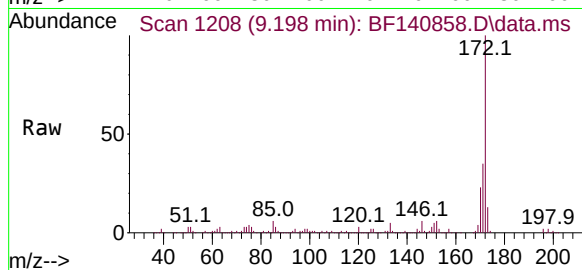
Tgt Ion:172 Resp: 472330

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 20.606 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

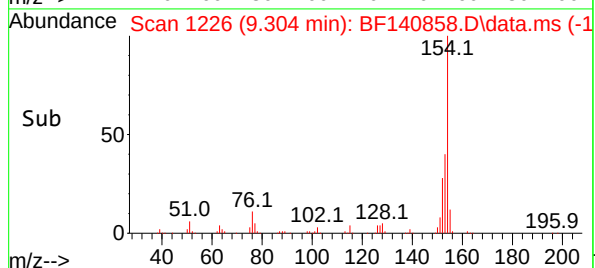
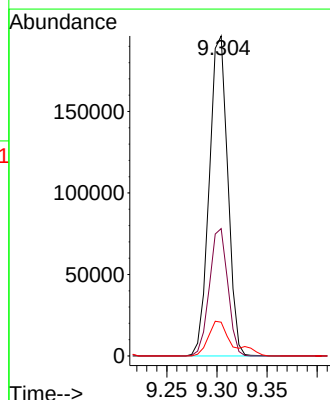
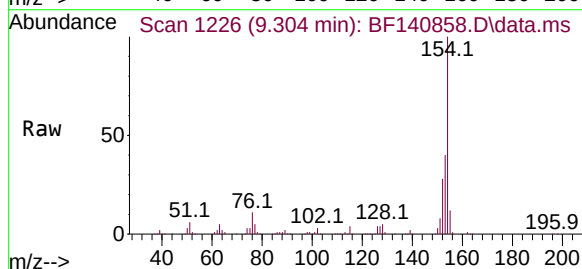
Tgt Ion:154 Resp: 251662

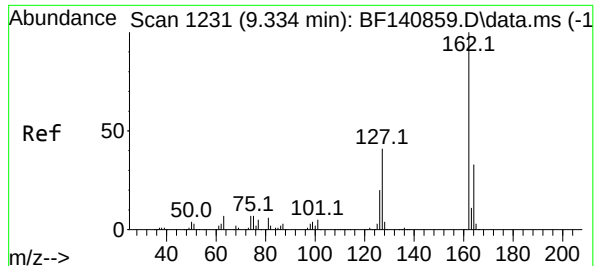
Ion Ratio Lower Upper

154 100

153 39.8 20.8 60.8

76 10.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 20.615 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

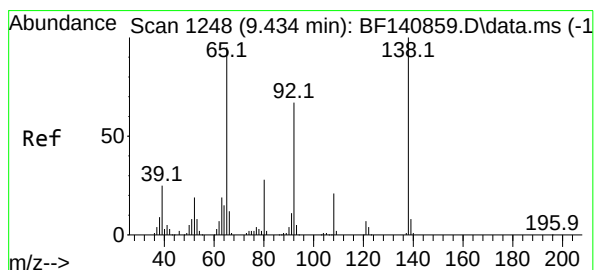
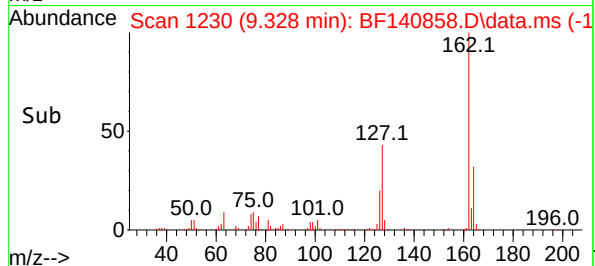
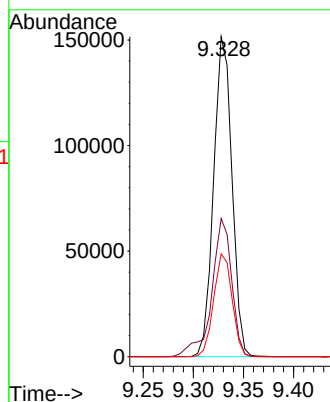
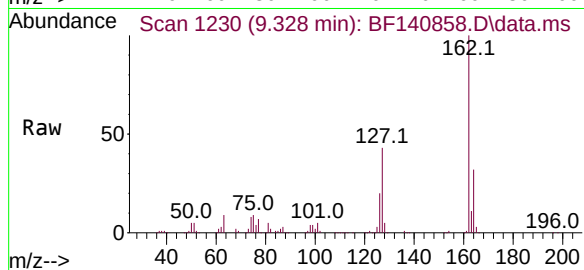
Tgt Ion:162 Resp: 192611

Ion Ratio Lower Upper

162 100

127 43.2 33.5 50.3

164 32.1 26.2 39.2



#48

2-Nitroaniline

Concen: 20.250 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

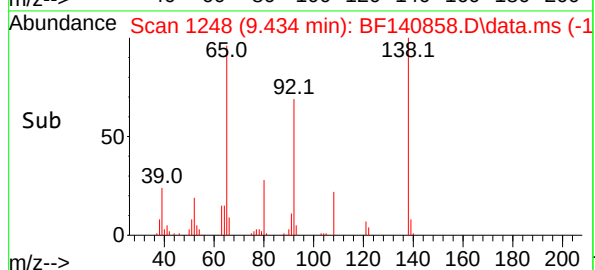
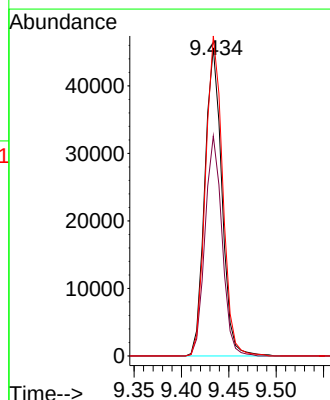
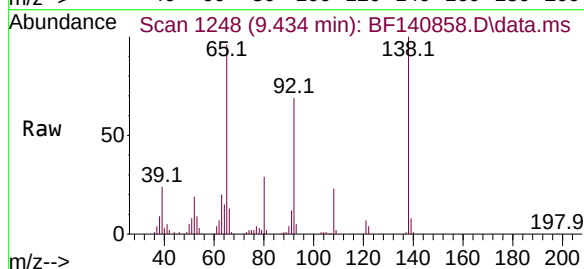
Tgt Ion: 65 Resp: 57140

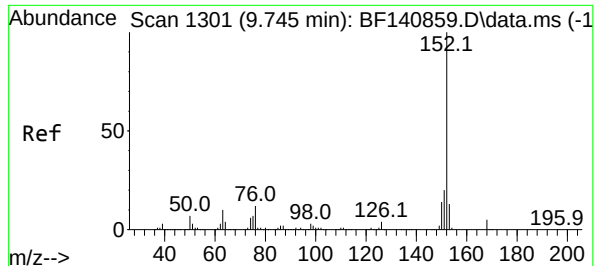
Ion Ratio Lower Upper

65 100

92 71.4 56.3 84.5

138 103.9 83.8 125.6





#49

Acenaphthylene

Concen: 21.027 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

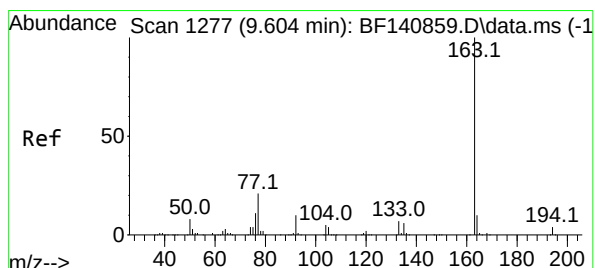
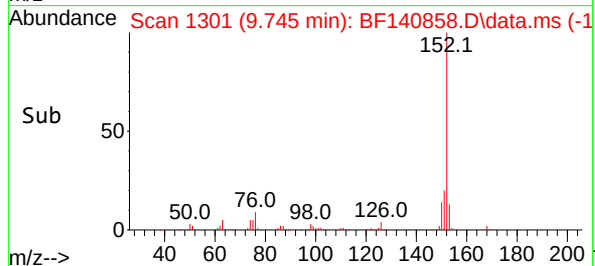
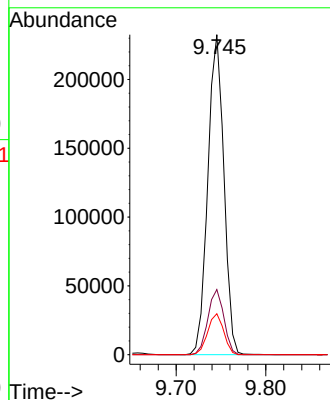
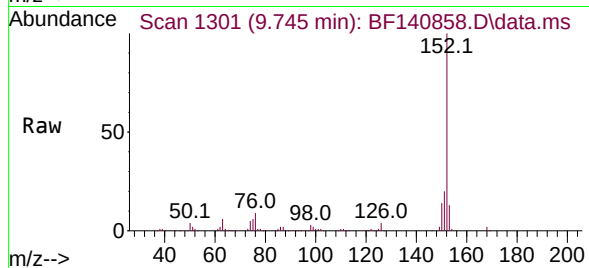
Tgt Ion:152 Resp: 288710

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 12.8 10.6 16.0



#50

Dimethylphthalate

Concen: 20.399 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

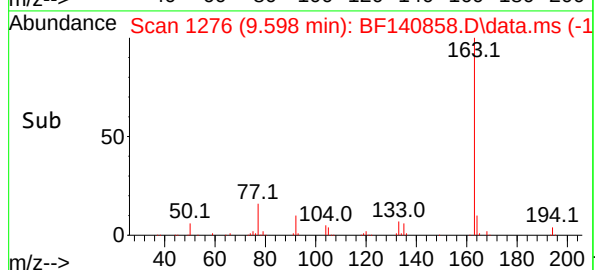
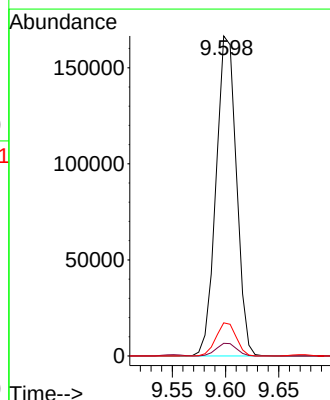
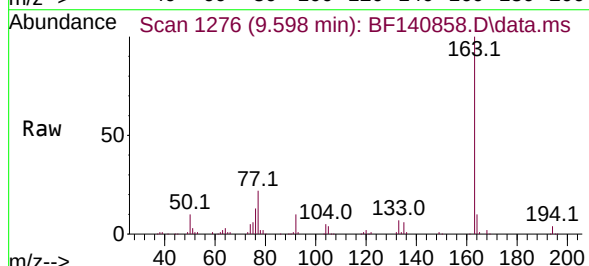
Tgt Ion:163 Resp: 220880

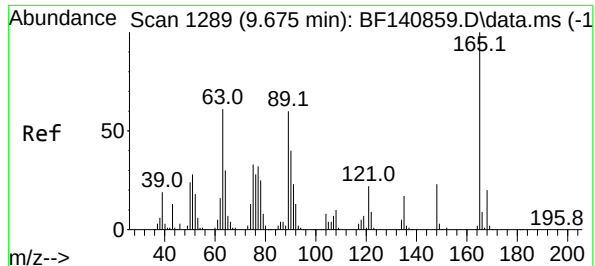
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.321 ng

RT: 9.669 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

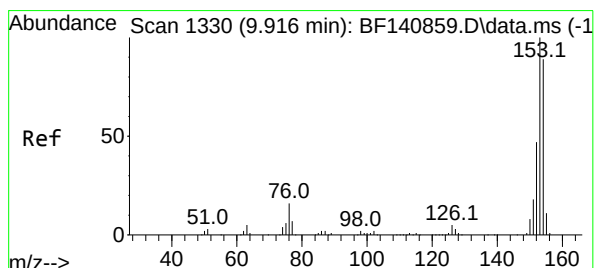
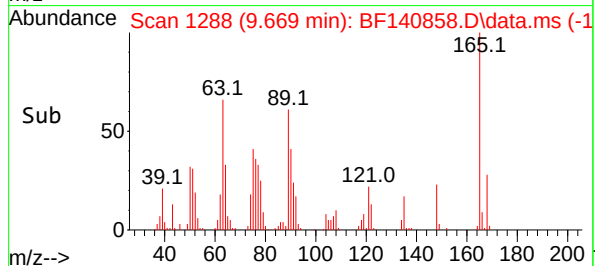
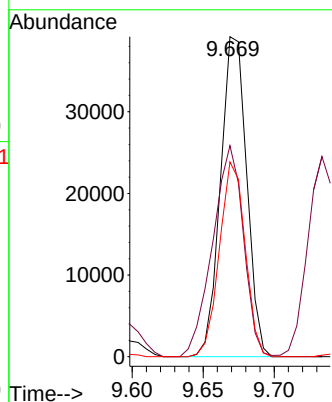
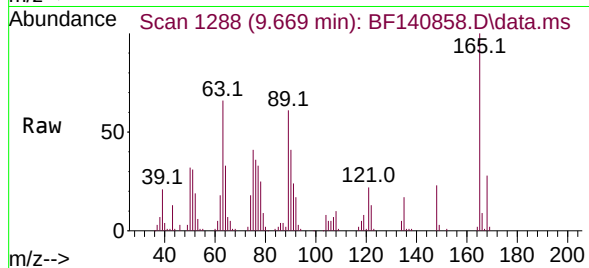
Tgt Ion:165 Resp: 50302

Ion Ratio Lower Upper

165 100

63 66.0 49.7 74.5

89 60.9 48.2 72.4



#52

Acenaphthene

Concen: 20.422 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

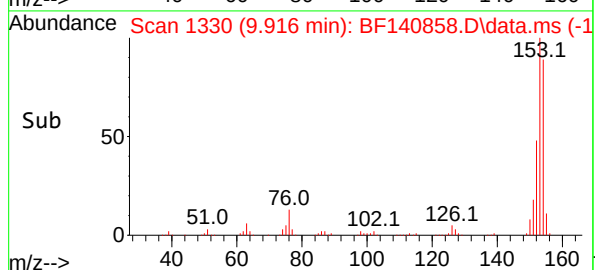
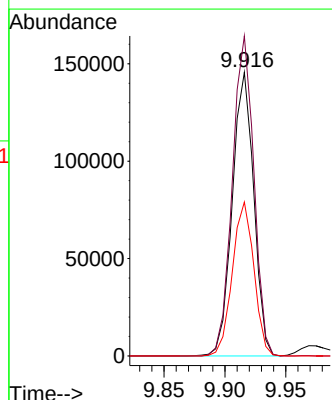
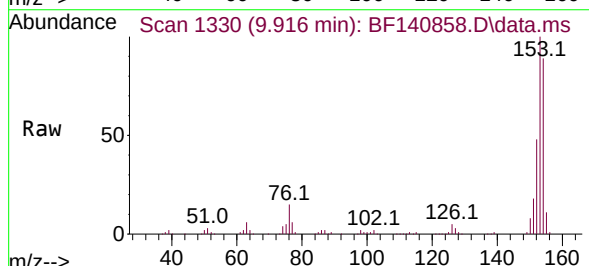
Tgt Ion:154 Resp: 179112

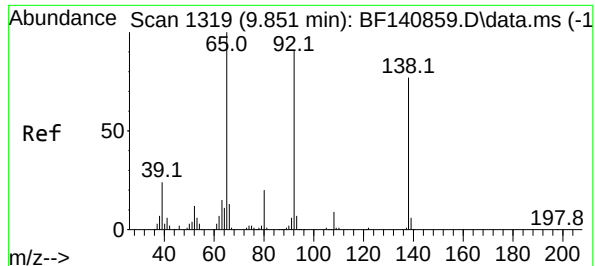
Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

152 54.2 42.6 63.8

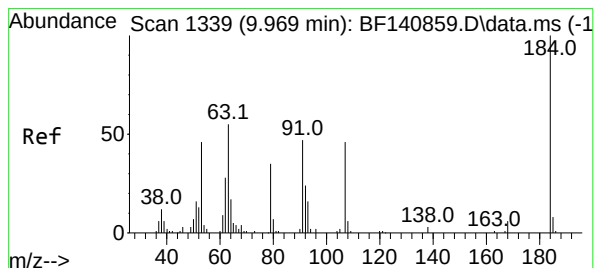
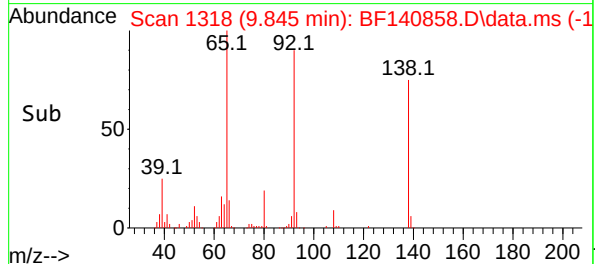
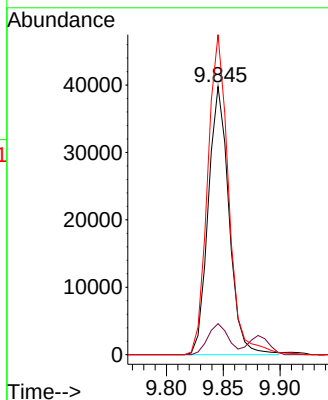
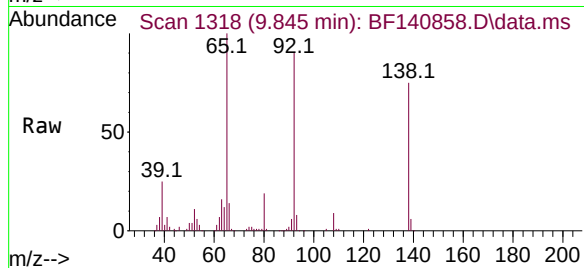




#53
3-Nitroaniline
Concen: 20.538 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

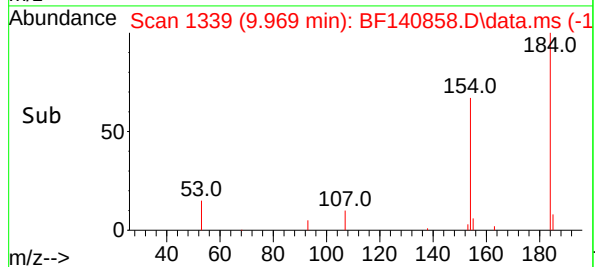
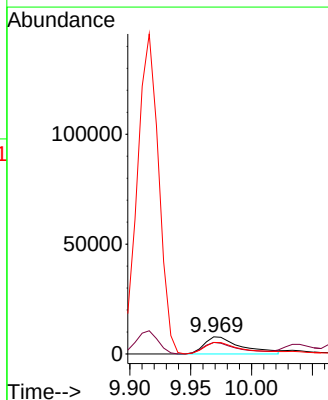
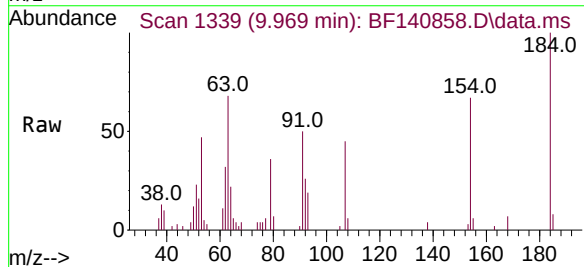
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

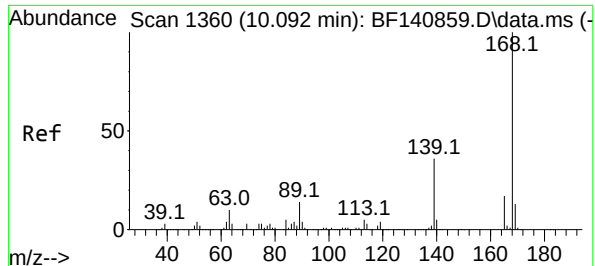
Tgt Ion:138 Resp: 50453
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 119.3 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 19.139 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:184 Resp: 16571
Ion Ratio Lower Upper
184 100
63 67.6 51.6 77.4
154 67.1 56.1 84.1





#55

Dibenzenofuran

Concen: 20.683 ng

RT: 10.087 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

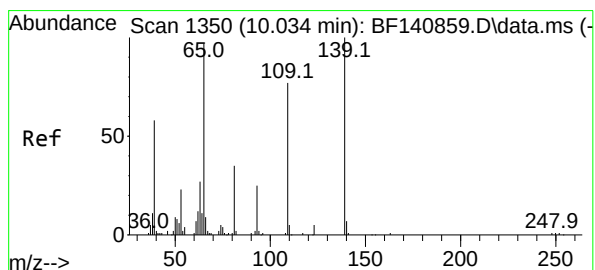
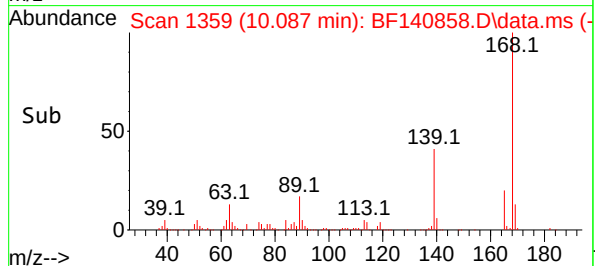
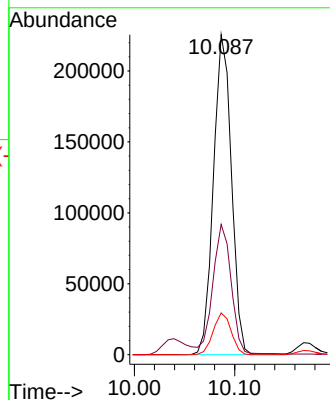
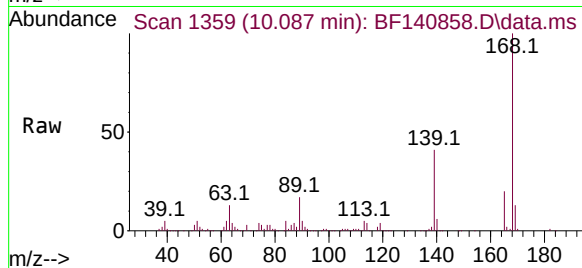
Tgt Ion:168 Resp: 281092

Ion Ratio Lower Upper

168 100

139 40.7 31.1 46.7

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 19.017 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

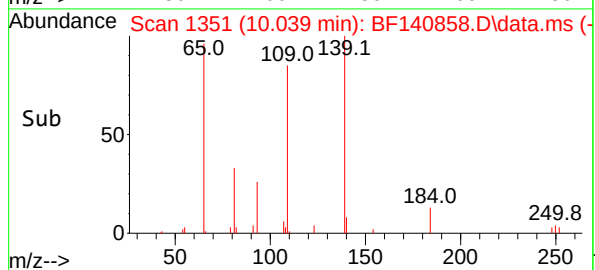
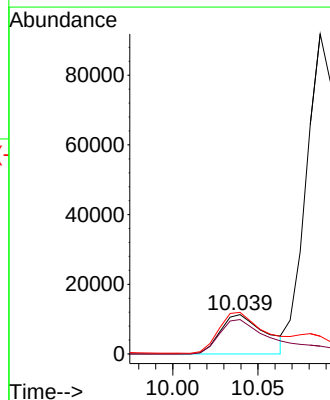
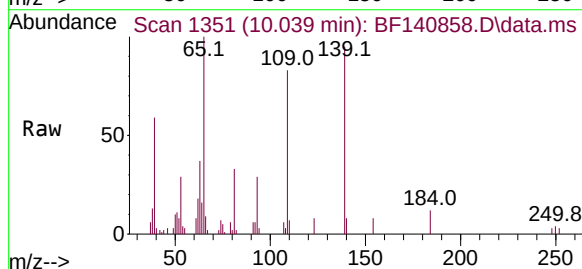
Tgt Ion:139 Resp: 20392

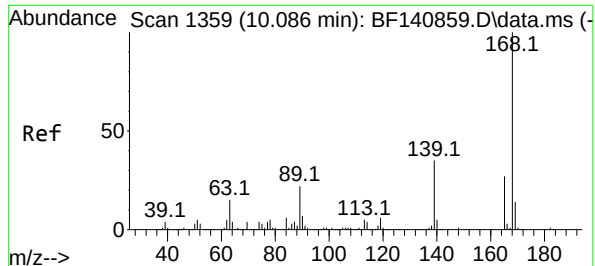
Ion Ratio Lower Upper

139 100

109 87.3 56.7 96.7

65 105.5 78.1 118.1

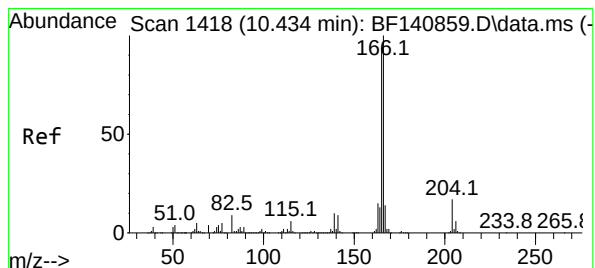
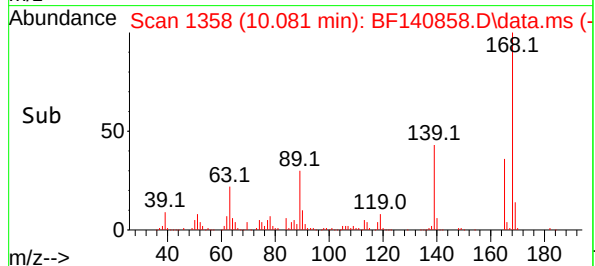
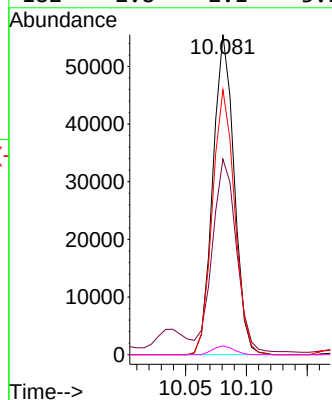
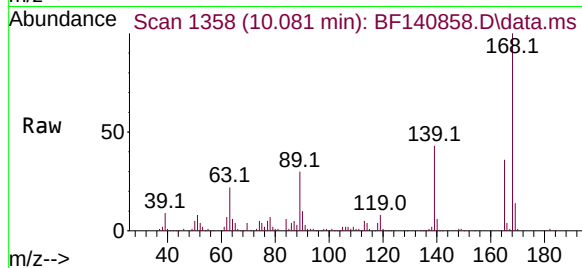




#57
2,4-Dinitrotoluene
Concen: 20.746 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

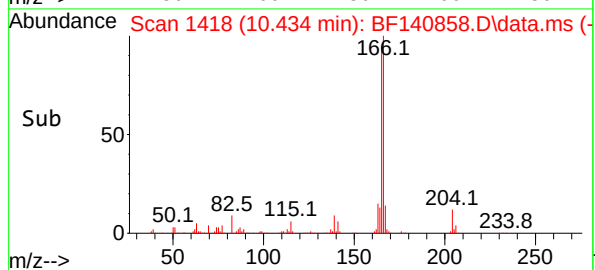
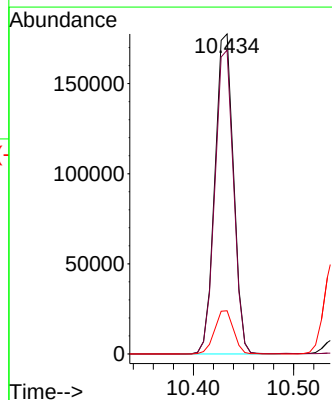
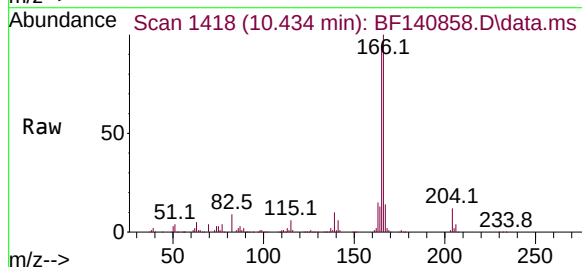
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

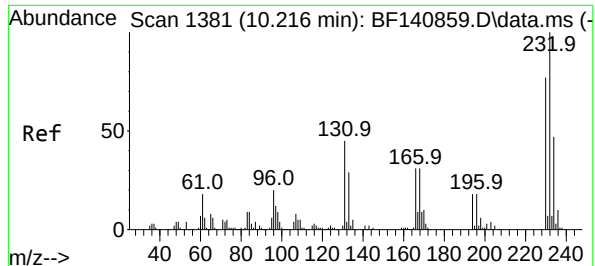
Tgt Ion:165	Resp:	67570
Ion	Ratio	Lower Upper
165	100	
63	61.1	49.3 73.9
89	82.8	66.2 99.4
182	2.8	2.1 3.1



#58
Fluorene
Concen: 20.439 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:166	Resp:	229160
Ion	Ratio	Lower Upper
166	100	
165	95.0	75.1 112.7
167	13.5	11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.459 ng

RT: 10.216 min Scan# 1381

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 52966

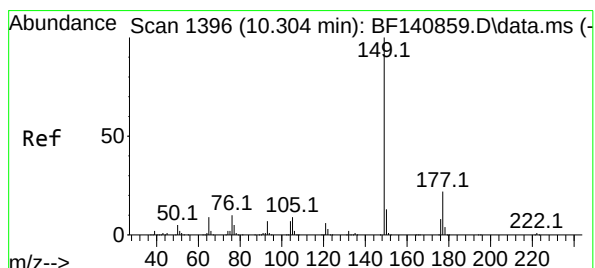
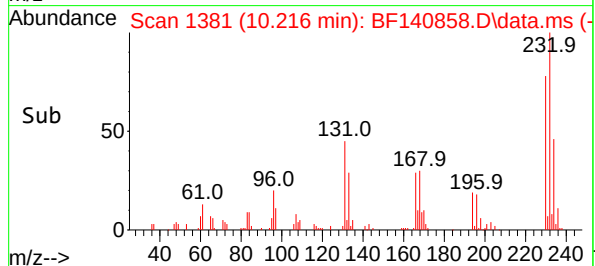
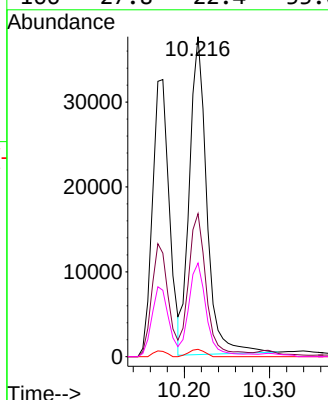
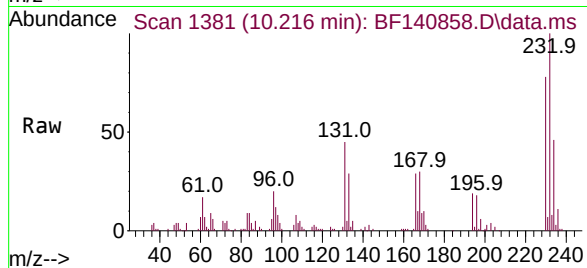
Ion Ratio Lower Upper

232 100

131 46.0 35.1 52.7

130 2.1 1.8 2.8

166 27.8 22.4 33.6



#60

Diethylphthalate

Concen: 20.466 ng

RT: 10.298 min Scan# 1395

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

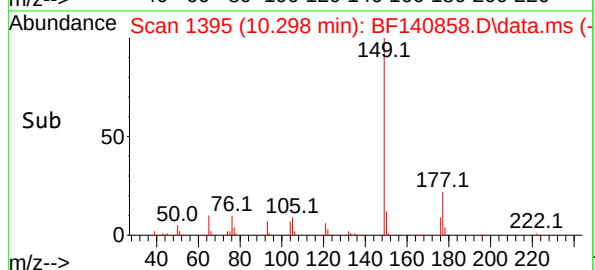
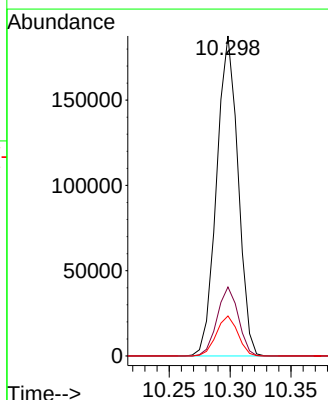
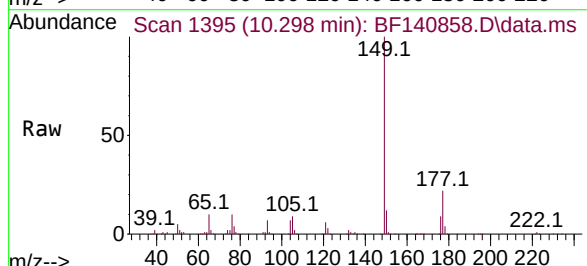
Tgt Ion:149 Resp: 229798

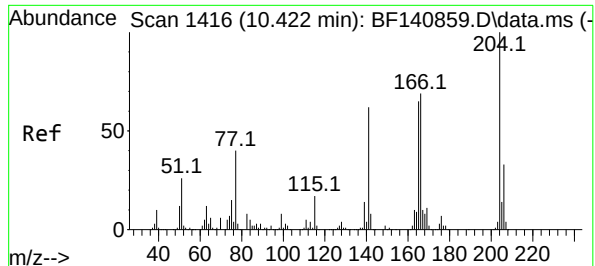
Ion Ratio Lower Upper

149 100

177 21.5 17.2 25.8

150 12.5 10.1 15.1

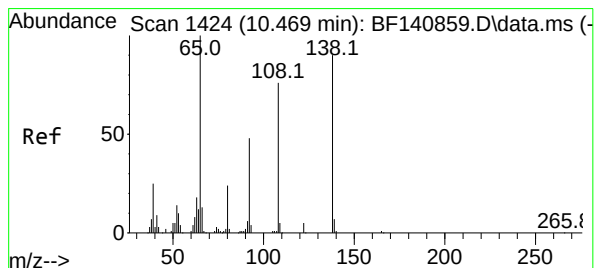
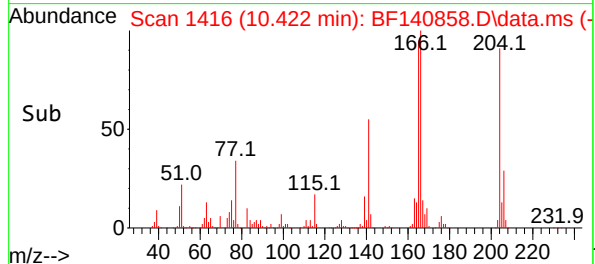
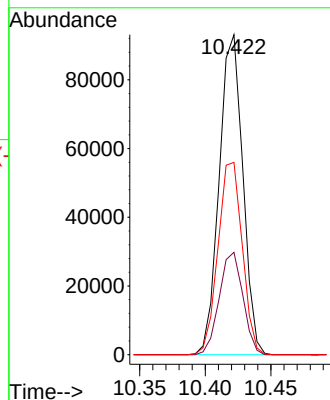
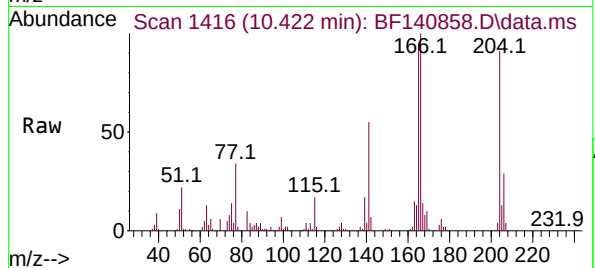




#61
4-Chlorophenyl-phenylether
Concen: 20.693 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

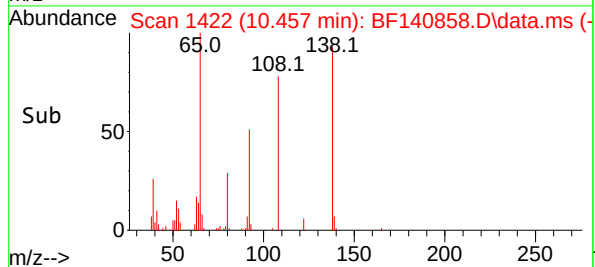
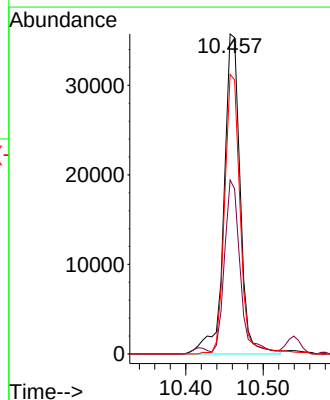
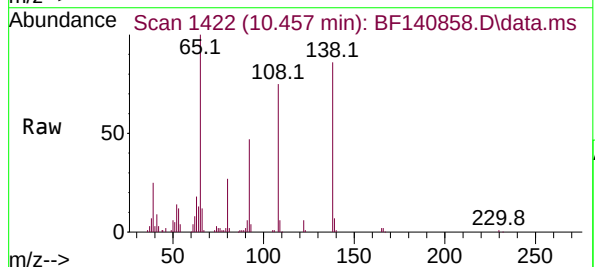
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

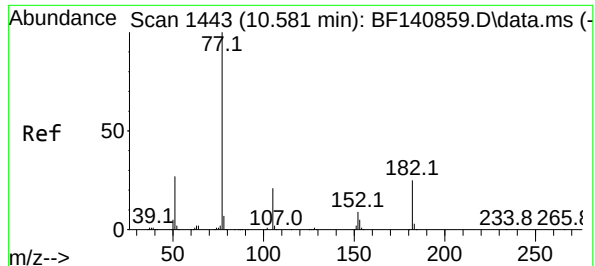
Tgt Ion:204 Resp: 116545
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 60.1 50.0 75.0



#62
4-Nitroaniline
Concen: 20.263 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:138 Resp: 52016
Ion Ratio Lower Upper
138 100
92 54.4 32.6 72.6
108 87.4 64.1 104.1

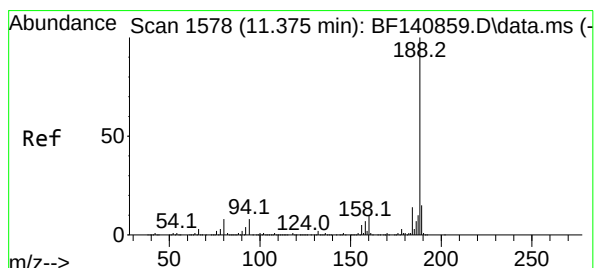
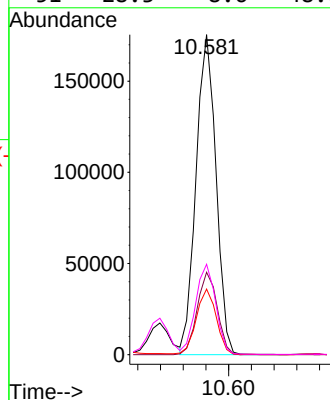
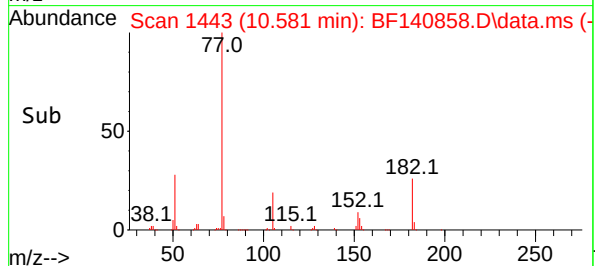
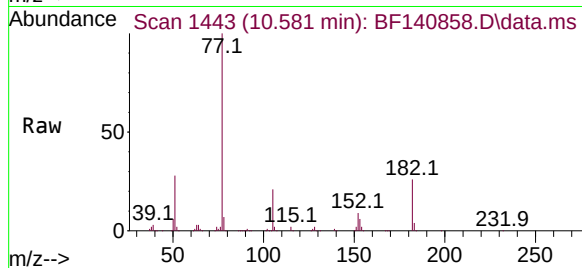




#63
Azobenzene
Concen: 20.286 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

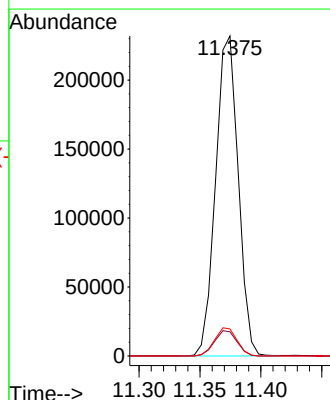
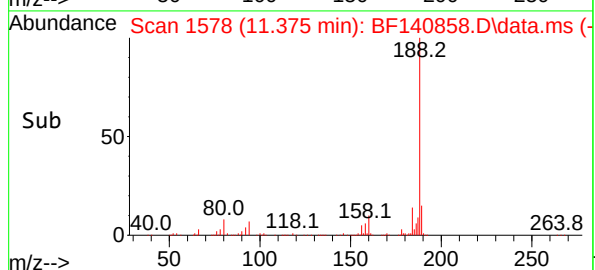
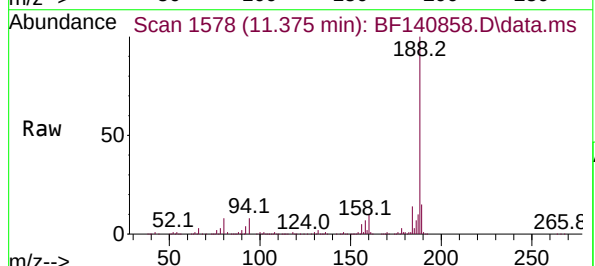
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

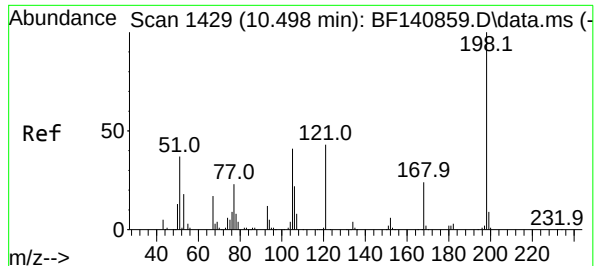
Tgt Ion: 77	Resp: 214137
Ion Ratio	Lower Upper
77 100	
182 25.8	4.5 44.5
105 20.5	0.9 40.9
51 28.3	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 188	Resp: 299699
Ion Ratio	Lower Upper
188 100	
94 7.6	6.4 9.6
80 8.4	6.8 10.2

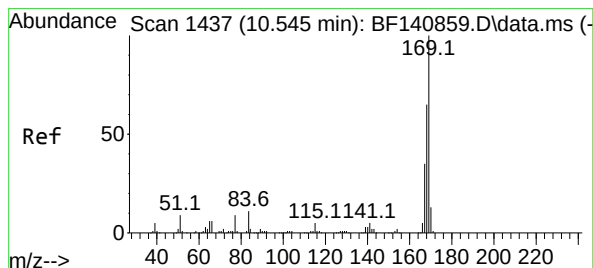
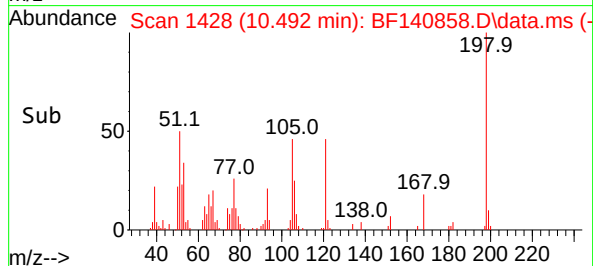
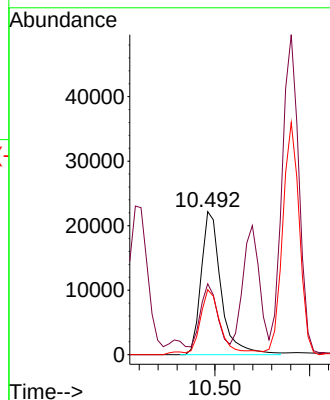
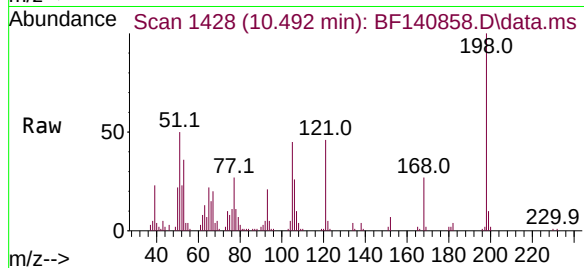




#65
4,6-Dinitro-2-methylphenol
Concen: 19.149 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

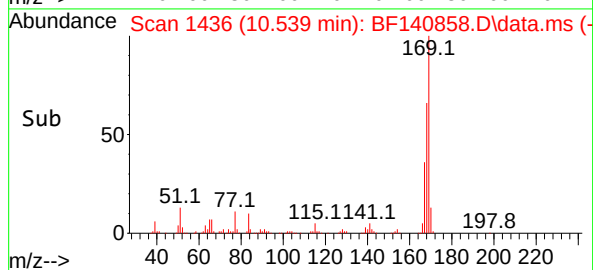
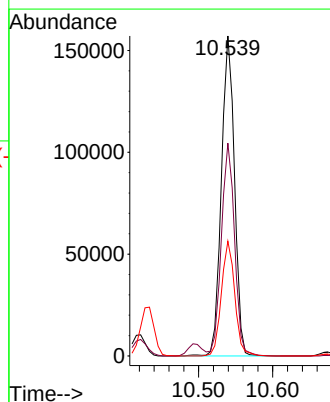
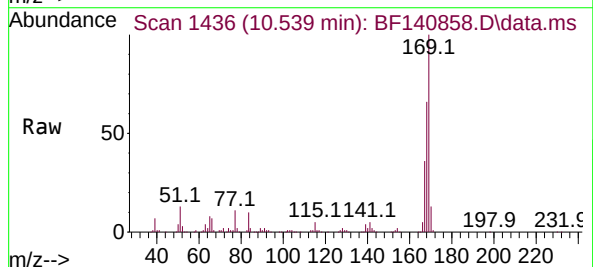
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

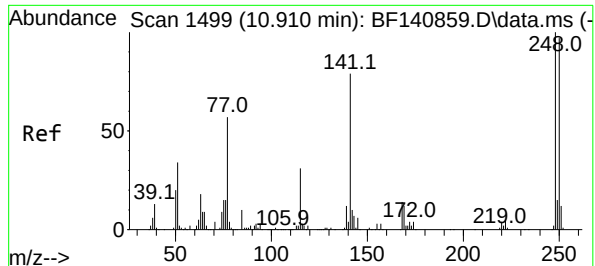
Tgt Ion:198 Resp: 32520
Ion Ratio Lower Upper
198 100
51 49.6 24.4 64.4
105 45.4 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 20.932 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:169 Resp: 192873
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 35.9 28.3 42.5

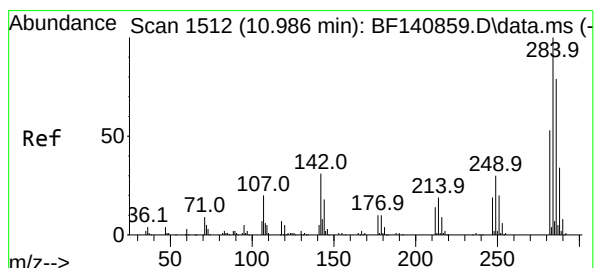
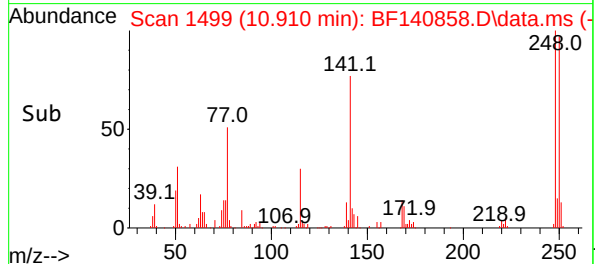
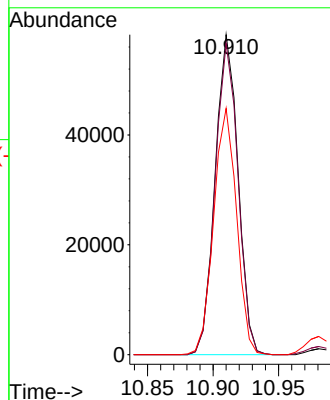
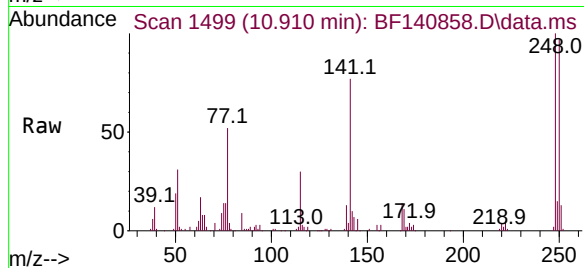




#67
4-Bromophenyl-phenylether
Concen: 21.118 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

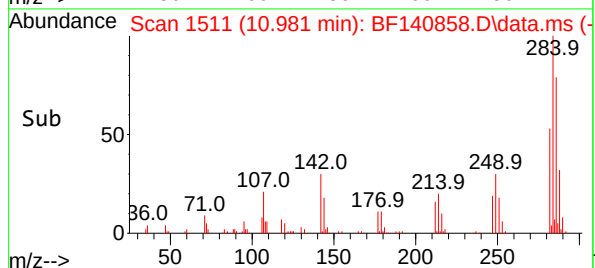
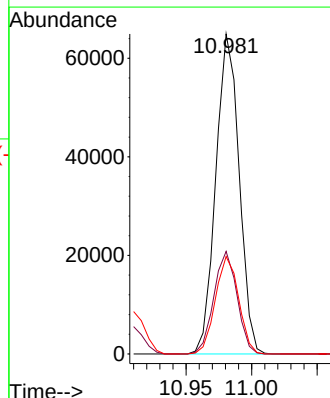
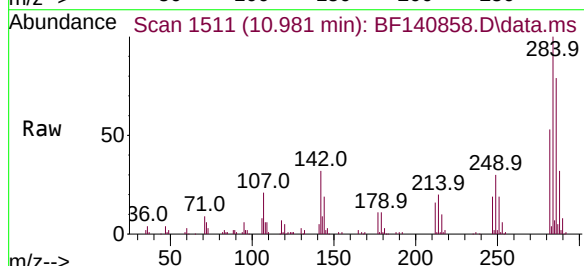
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

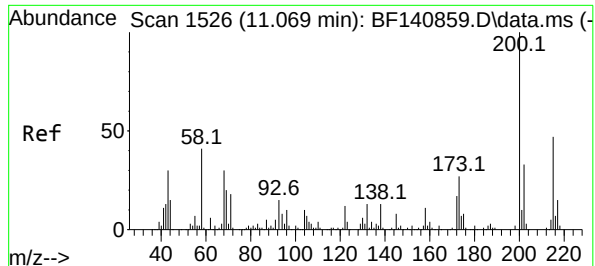
Tgt Ion:248 Resp: 70804
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 77.0 62.9 94.3



#68
Hexachlorobenzene
Concen: 21.095 ng
RT: 10.981 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:284 Resp: 80189
Ion Ratio Lower Upper
284 100
142 32.0 24.6 36.8
249 30.5 24.3 36.5





#69

Atrazine

Concen: 22.488 ng

RT: 11.069 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

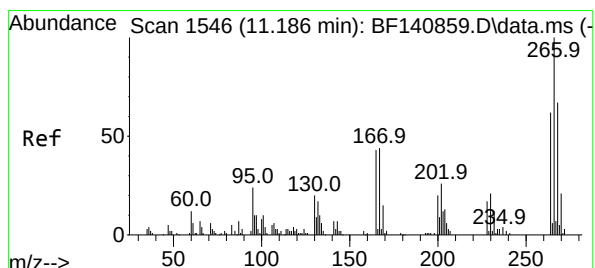
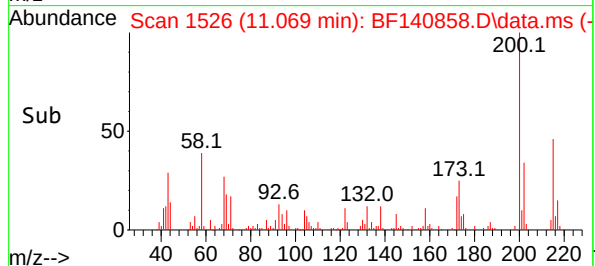
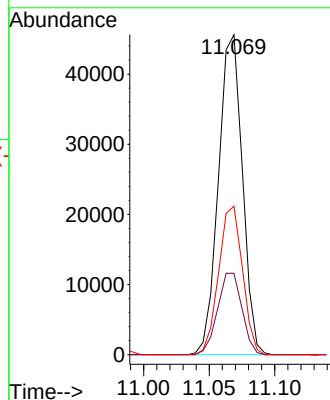
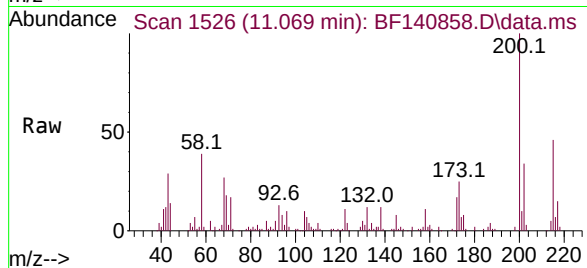
Tgt Ion:200 Resp: 57872

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

215 46.4 26.7 66.7



#70

Pentachlorophenol

Concen: 17.726 ng m

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

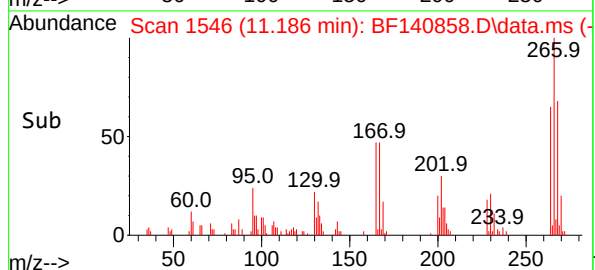
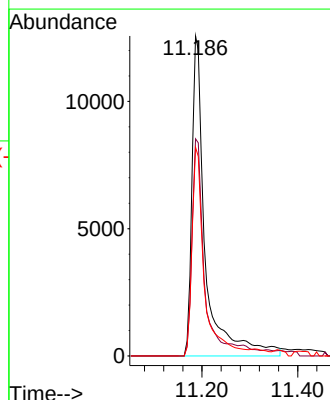
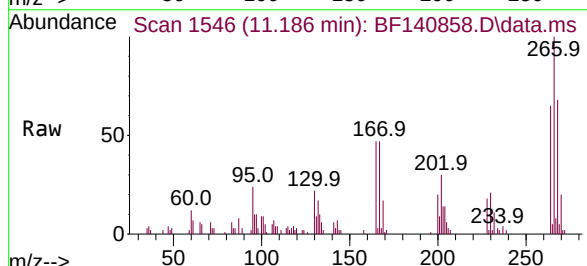
Tgt Ion:266 Resp: 24650

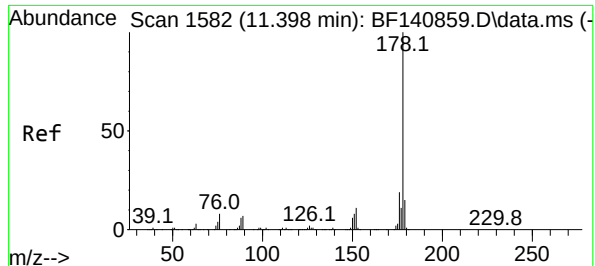
Ion Ratio Lower Upper

266 100

268 67.9 54.0 81.0

264 65.2 49.4 74.2

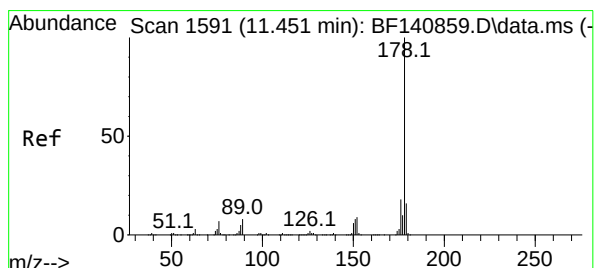
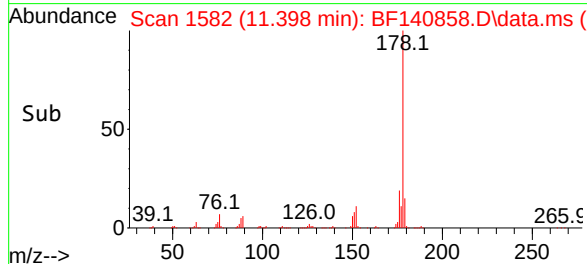
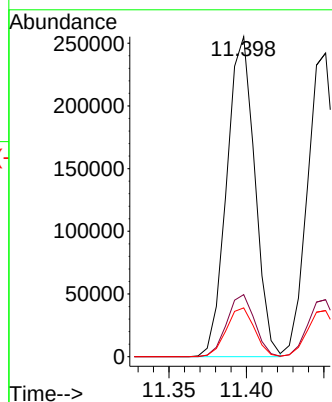
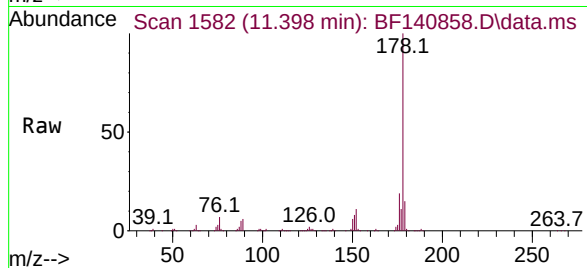




#71
Phenanthrene
Concen: 20.854 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

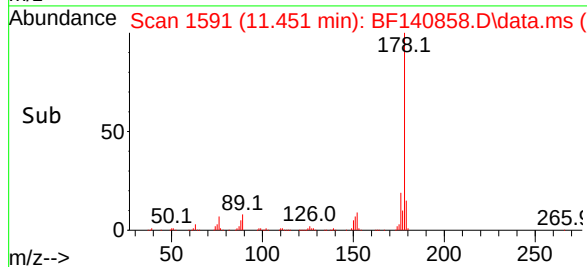
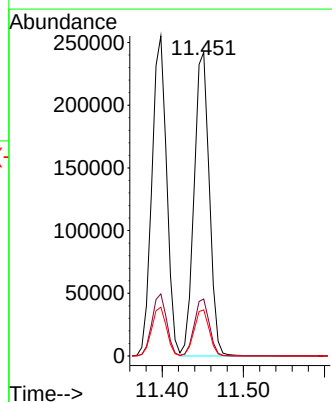
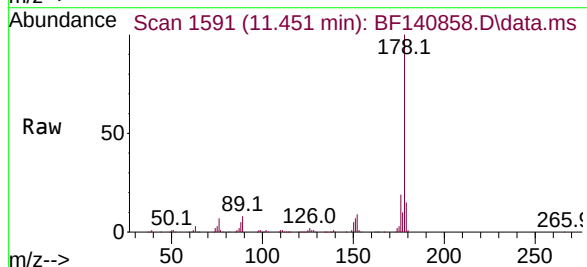
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

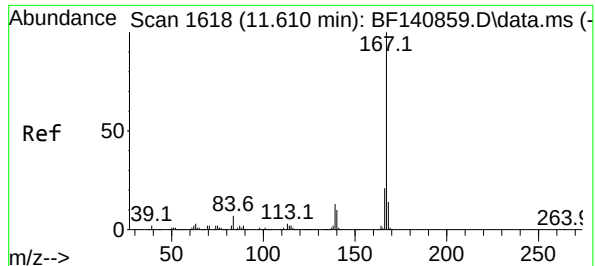
Tgt Ion:178 Resp: 321392
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.1 18.1



#72
Anthracene
Concen: 20.798 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:178 Resp: 315664
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.2 12.6 18.8

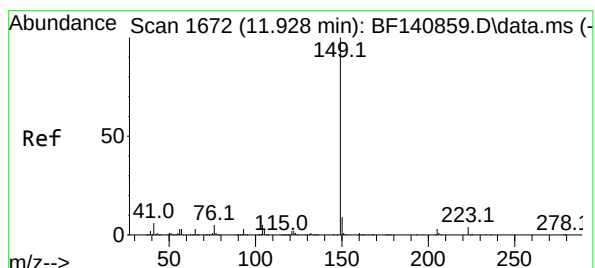
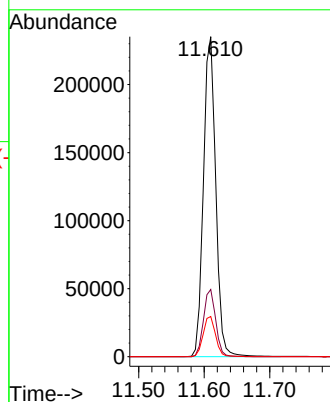
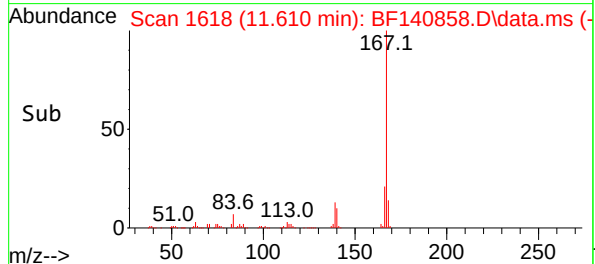
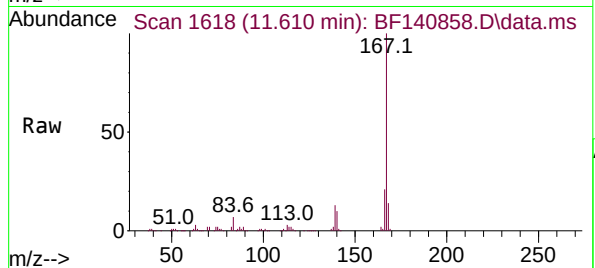




#73
Carbazole
Concen: 20.692 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

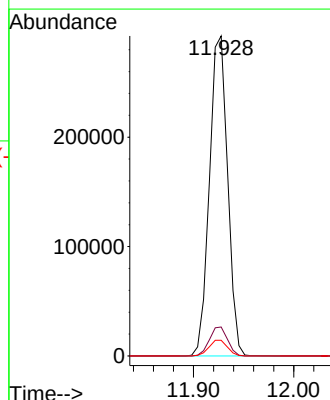
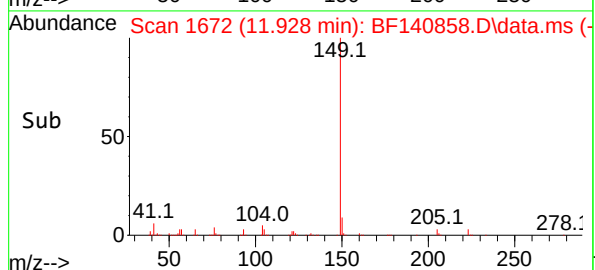
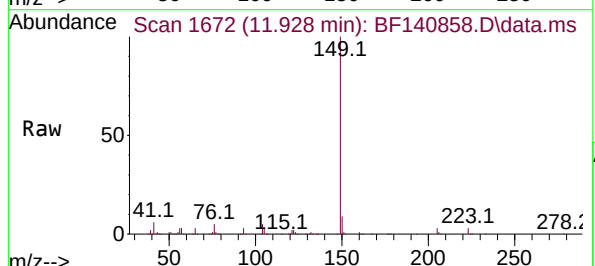
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

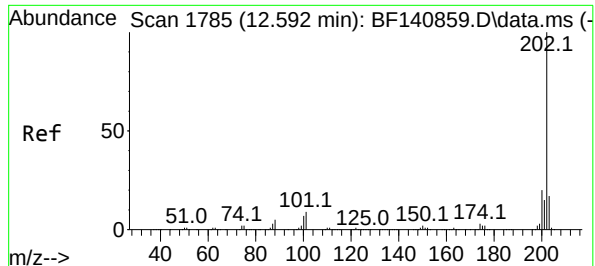
Tgt Ion:167 Resp: 307615
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.6 10.2 15.2



#74
Di-n-butylphthalate
Concen: 21.164 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 369257
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.9 3.8 5.8

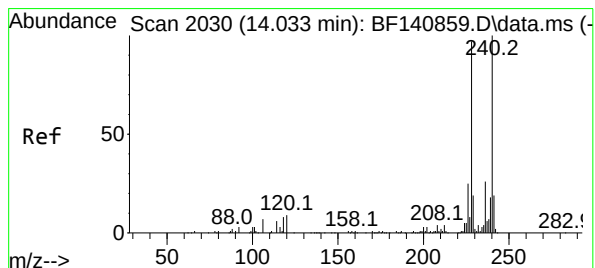
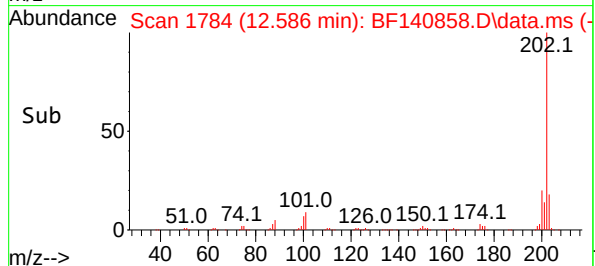
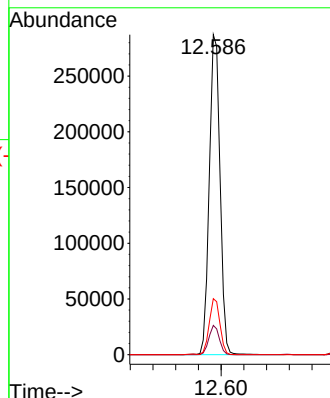
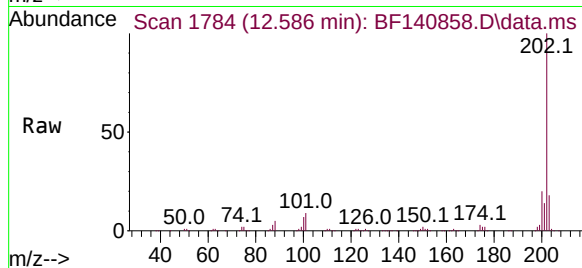




#75
Fluoranthene
Concen: 21.122 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

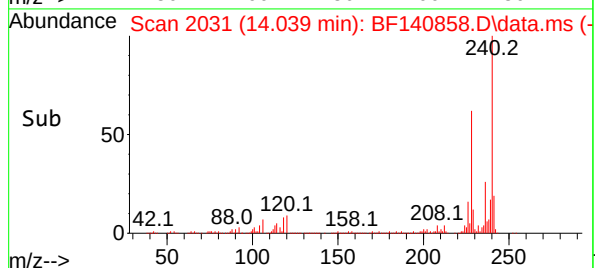
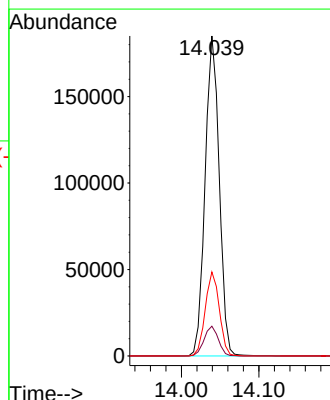
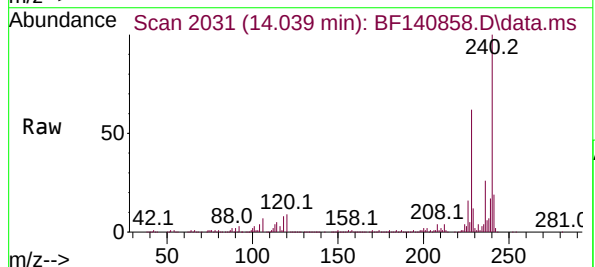
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

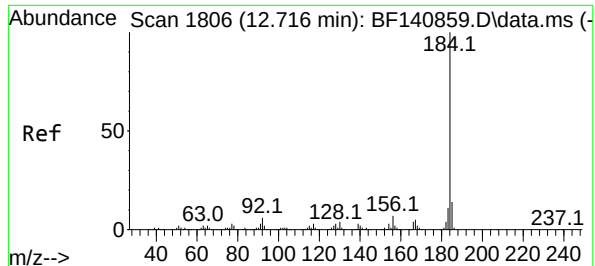
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	17.5	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.6	11.4
236	26.3	20.5	30.7

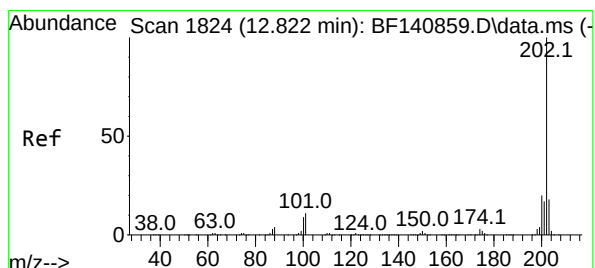
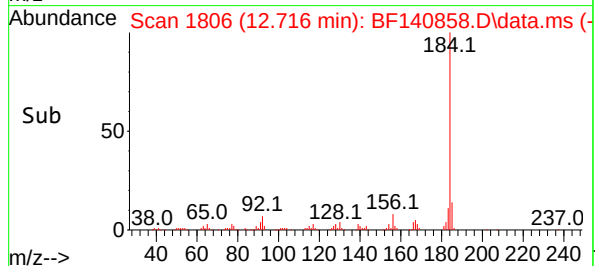
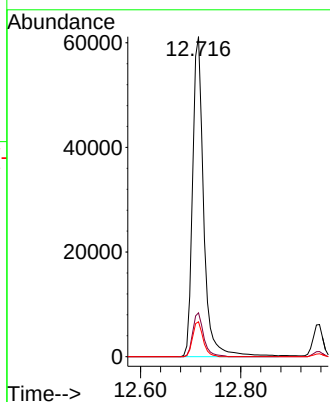
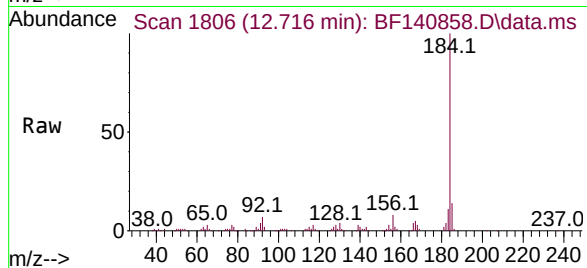




#77
Benzidine
Concen: 19.660 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

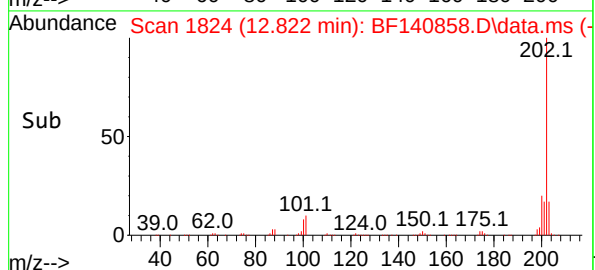
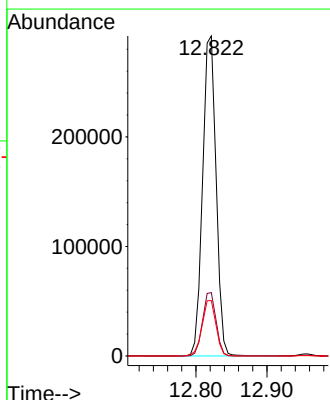
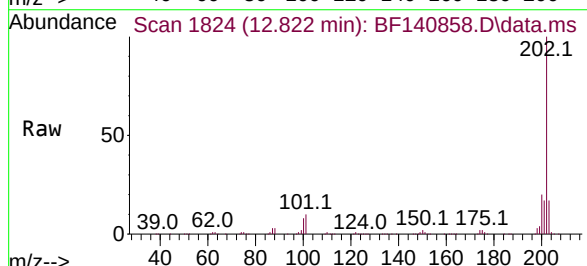
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

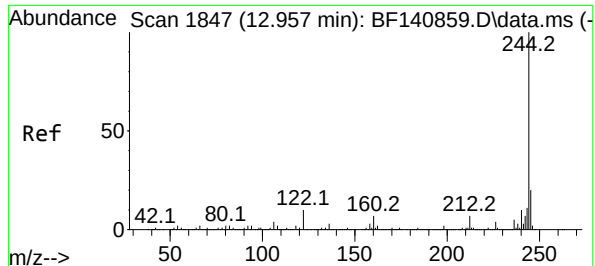
Tgt Ion:184 Resp: 93986
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 10.9 9.0 13.4



#78
Pyrene
Concen: 18.558 ng
RT: 12.822 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:202 Resp: 386539
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 38.416 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140858.D

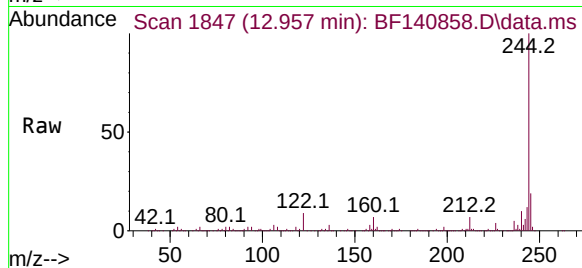
Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



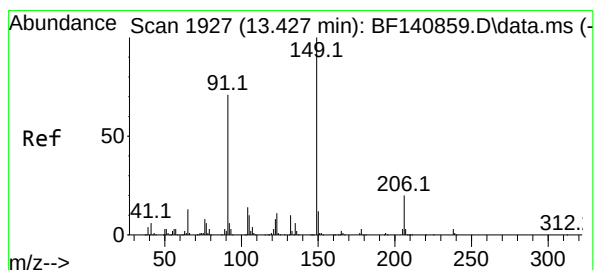
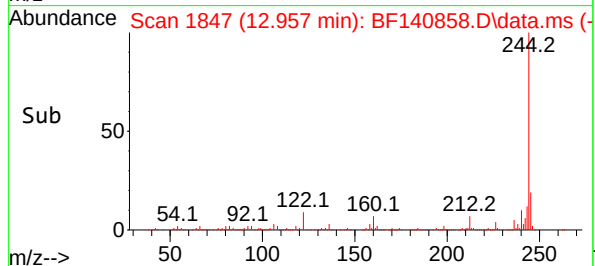
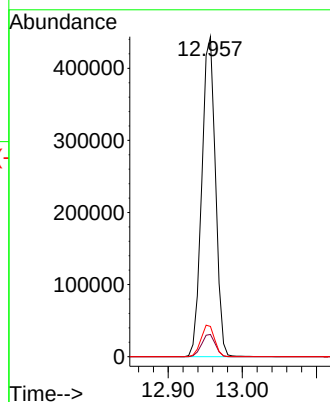
Tgt Ion:244 Resp: 570640

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 18.972 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

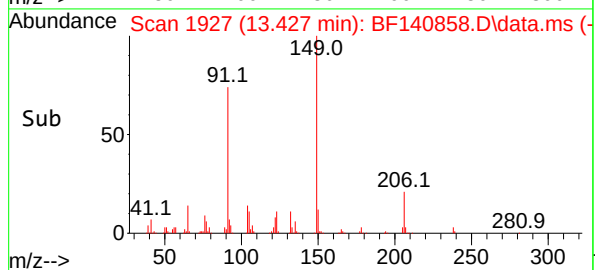
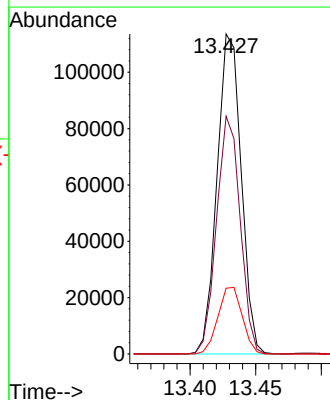
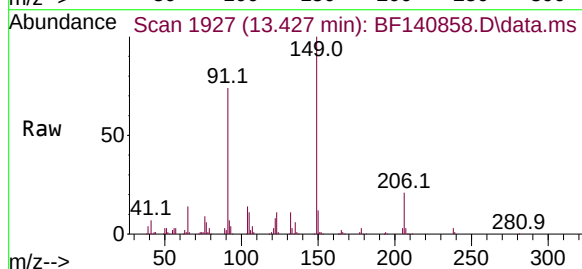
Tgt Ion:149 Resp: 145401

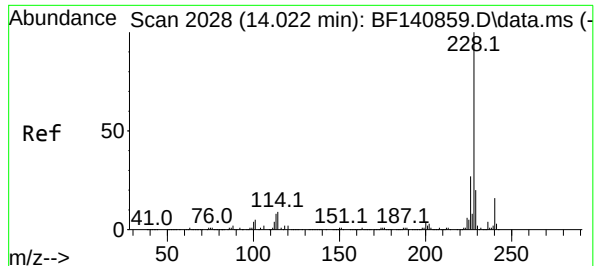
Ion Ratio Lower Upper

149 100

91 74.3 56.7 85.1

206 20.6 16.4 24.6

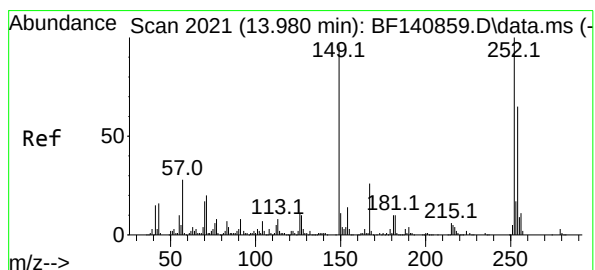
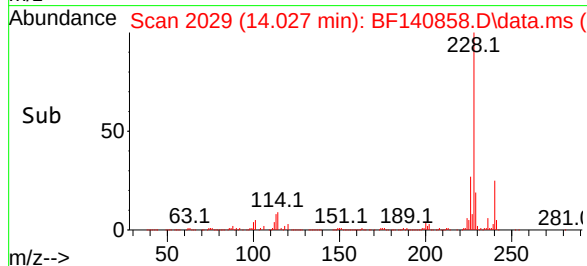
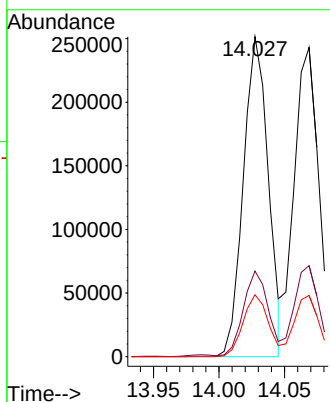
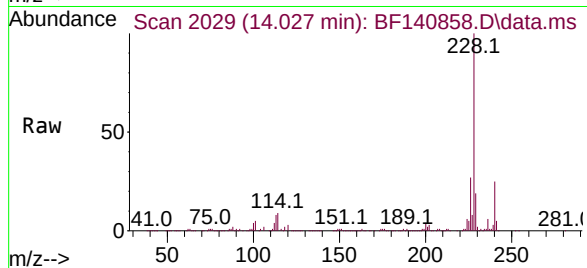




#81
Benzo(a)anthracene
Concen: 20.050 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

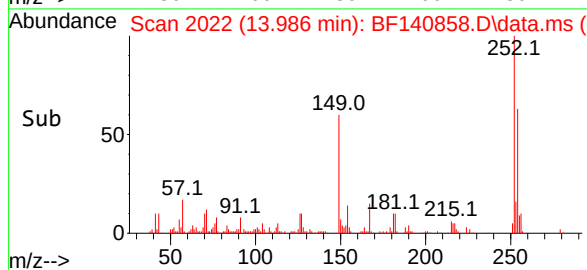
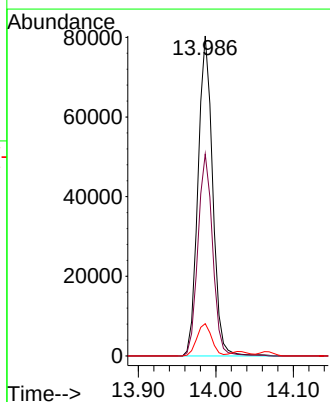
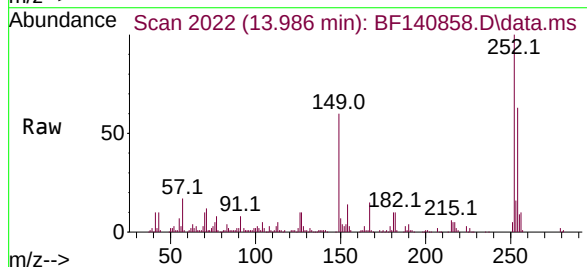
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

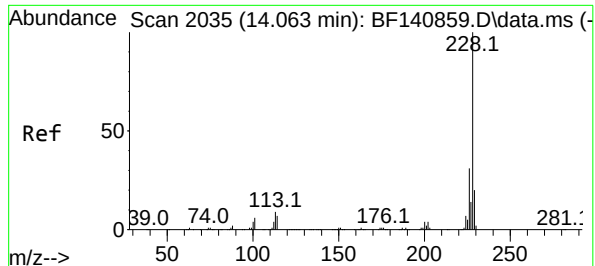
Tgt Ion:228 Resp: 332845
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.3 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 20.989 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:252 Resp: 105124
Ion Ratio Lower Upper
252 100
254 63.1 52.3 78.5
126 10.1 8.4 12.6

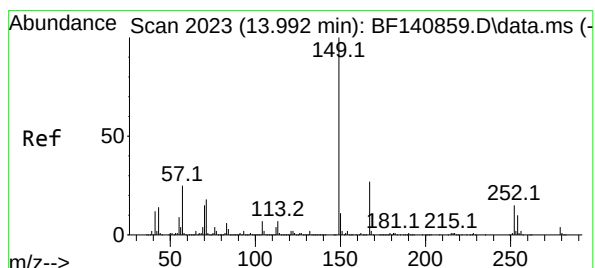
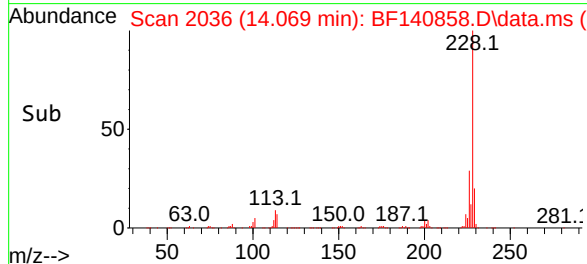
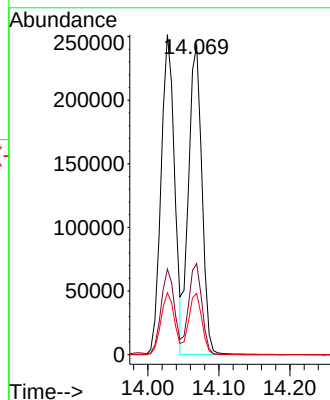
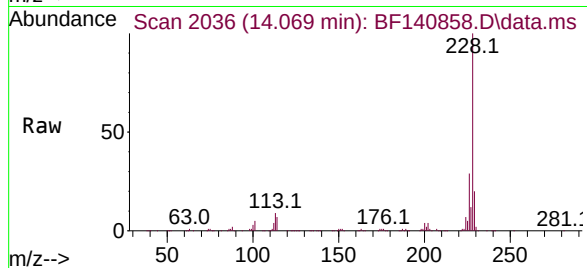




#83
Chrysene
Concen: 21.160 ng
RT: 14.069 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

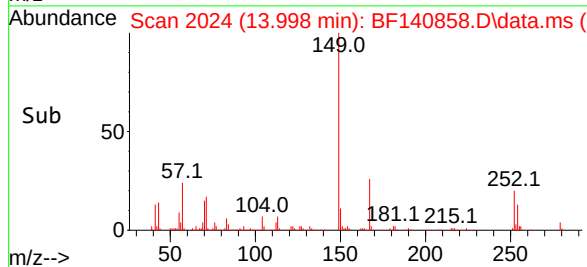
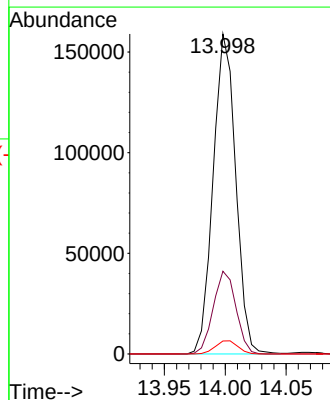
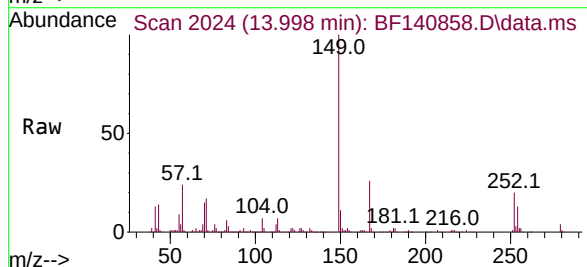
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

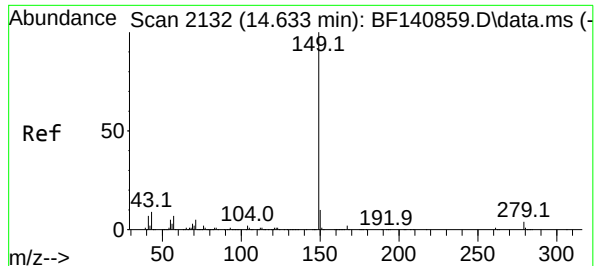
Tgt Ion:228 Resp: 319417
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 19.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.740 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 204953
Ion Ratio Lower Upper
149 100
167 25.9 21.8 32.8
279 4.0 3.5 5.3

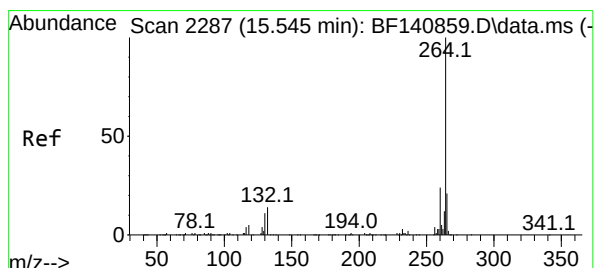
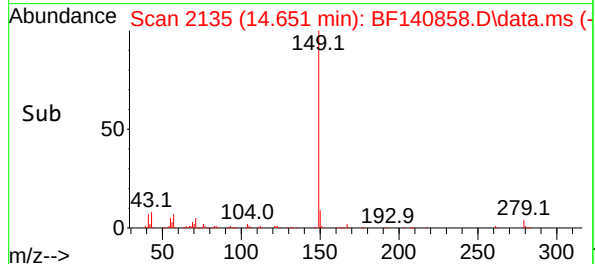
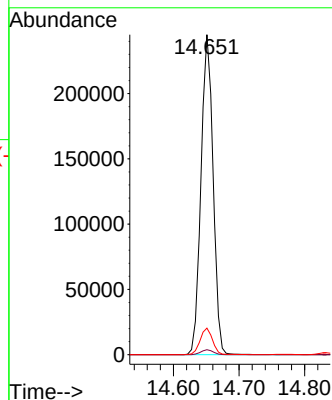
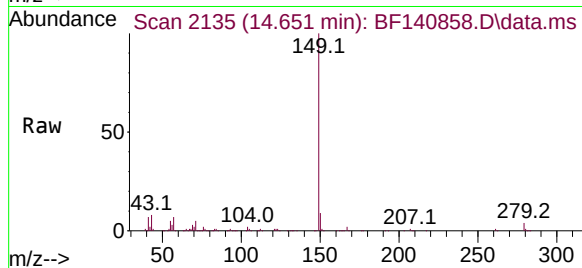




#85
Di-n-octyl phthalate
Concen: 21.125 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

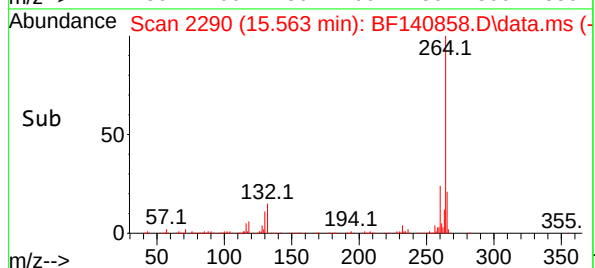
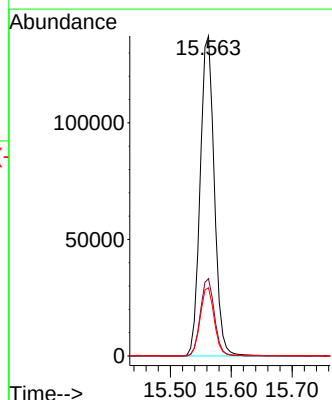
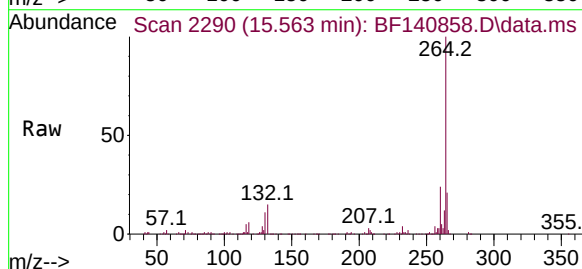
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

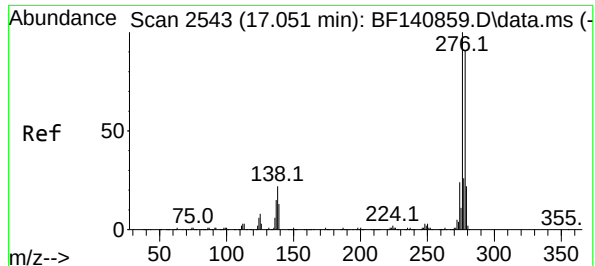
Tgt Ion:149 Resp: 315841
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:264 Resp: 220576
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.3 17.0 25.4

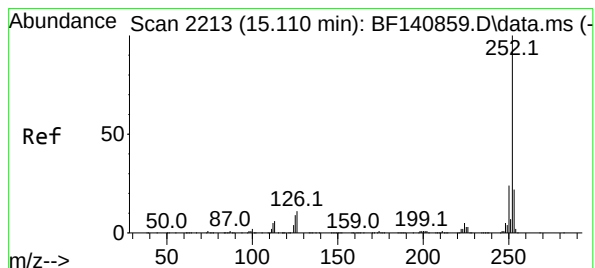
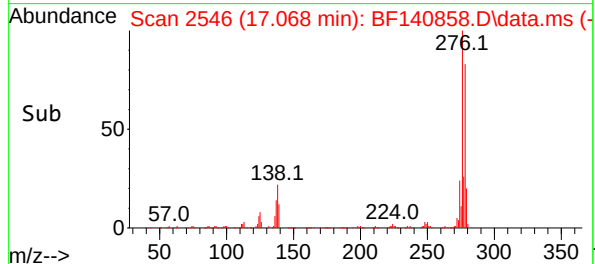
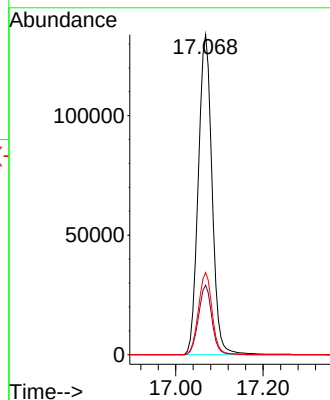
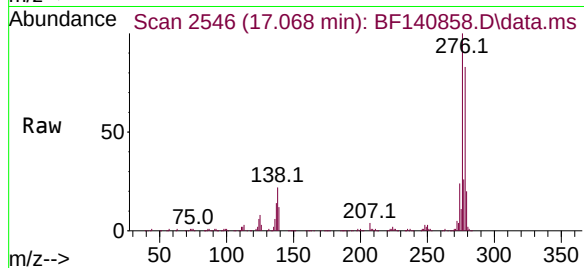




#87
Indeno(1,2,3-cd)pyrene
Concen: 21.315 ng
RT: 17.068 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

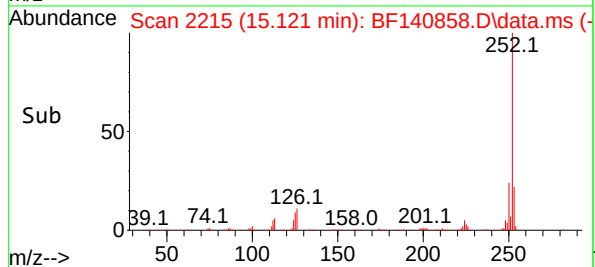
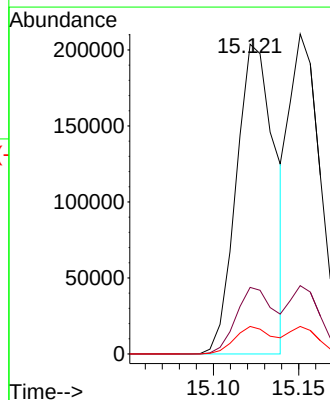
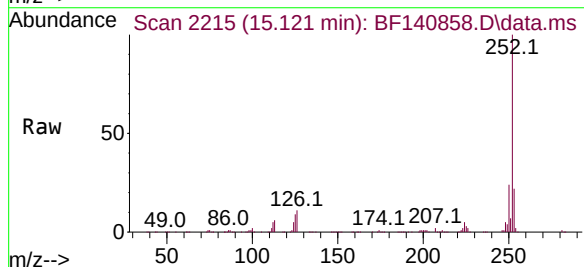
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

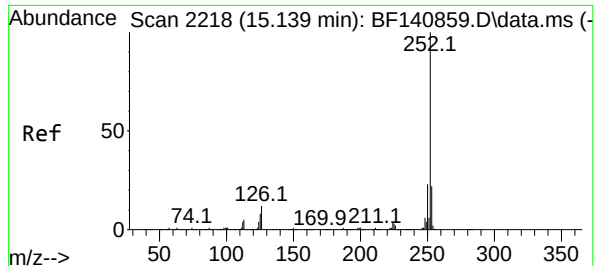
Tgt Ion:276 Resp: 293402
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 20.890 ng
RT: 15.121 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:252 Resp: 319848
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 20.548 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

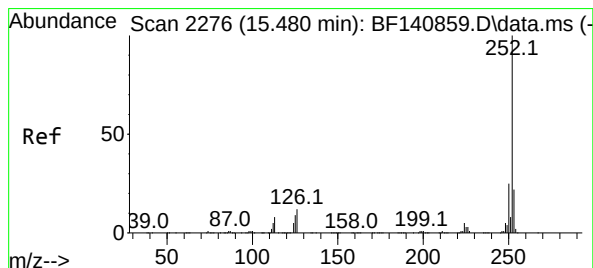
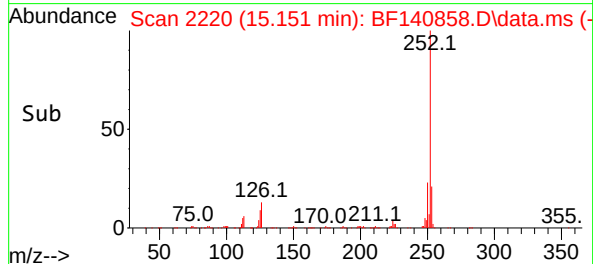
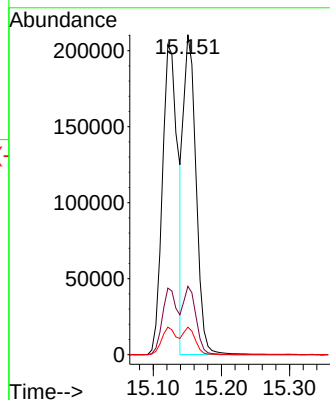
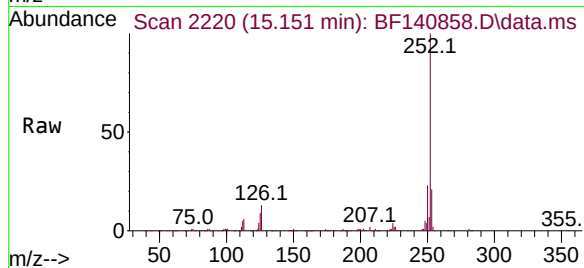
Tgt Ion:252 Resp: 269871

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 8.6 6.8 10.2



#90

Benzo(a)pyrene

Concen: 20.861 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

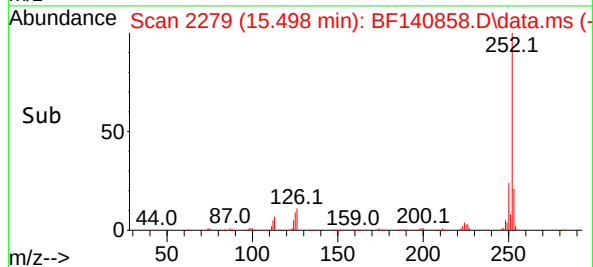
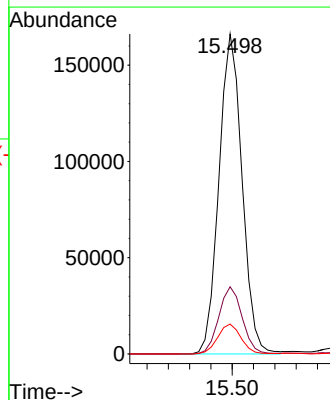
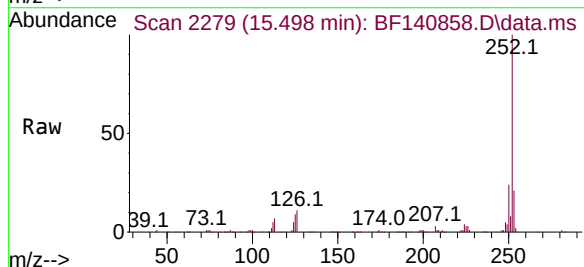
Tgt Ion:252 Resp: 250110

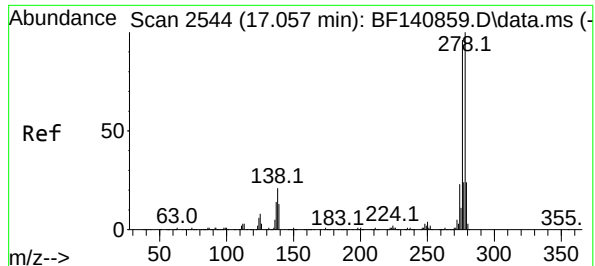
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 9.4 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 21.117 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

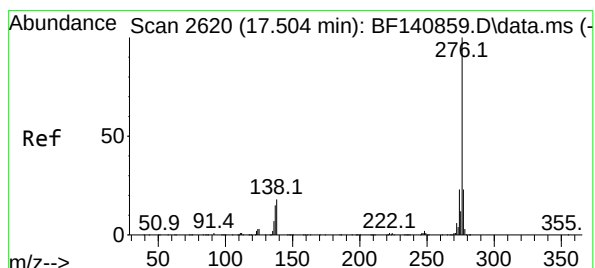
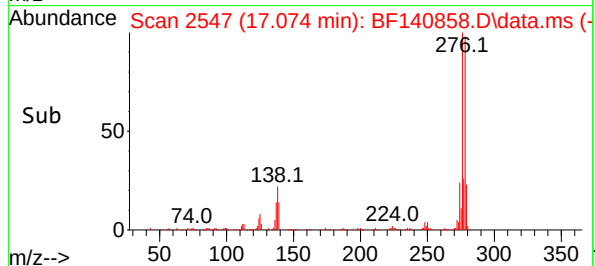
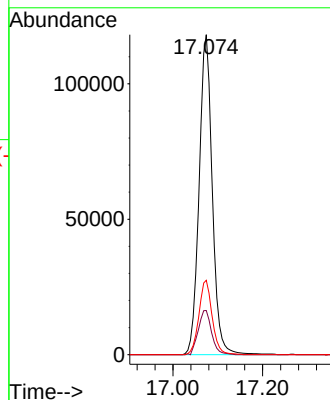
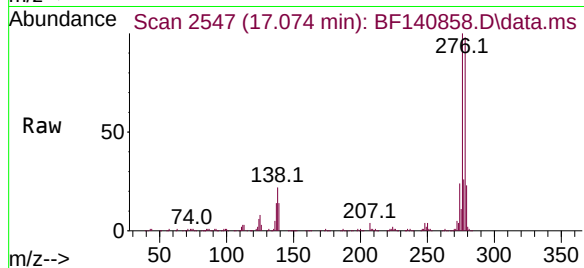
Tgt Ion:278 Resp: 240810

Ion Ratio Lower Upper

278 100

139 13.8 10.6 16.0

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 20.785 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.012 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

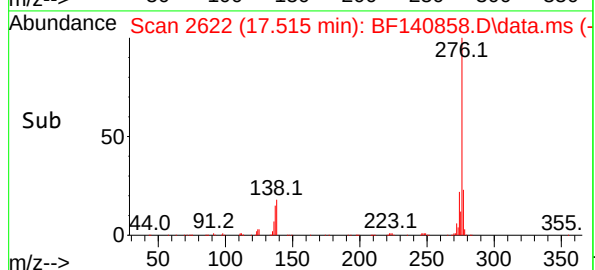
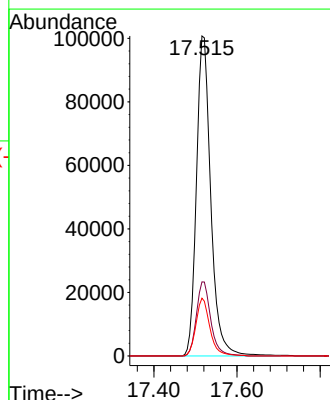
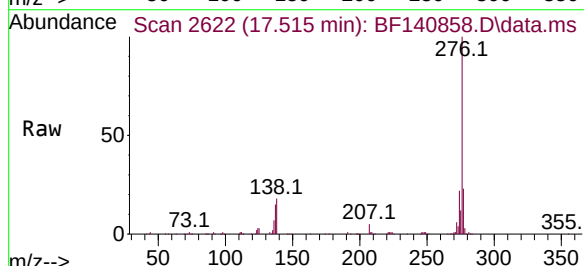
Tgt Ion:276 Resp: 241228

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 18.0 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140859.D
 Acq On : 16 Dec 2024 14:26
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 16 16:49:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	77674	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	293537	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	179301	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	361848	20.000	ng	0.00
76) Chrysene-d12	14.033	240	241027	20.000	ng	0.00
86) Perylene-d12	15.545	264	202727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	372670	78.982	ng	0.00
7) Phenol-d6	6.498	99	486855	77.902	ng	0.00
23) Nitrobenzene-d5	7.416	82	461011	78.576	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	172188	81.197	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	981889	75.290	ng	0.00
79) Terphenyl-d14	12.957	244	1163098	76.093	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	78111	38.433	ng	100
3) Pyridine	3.405	79	189803	40.326	ng	100
4) n-Nitrosodimethylamine	3.357	42	93747	39.510	ng	100
6) Aniline	6.516	93	213440	39.944	ng	100
8) 2-Chlorophenol	6.646	128	202098	39.277	ng	100
9) Benzaldehyde	6.410	77	134222	38.761	ng	100
10) Phenol	6.510	94	253259	39.100	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	190608	39.459	ng	100
12) 1,3-Dichlorobenzene	6.787	146	228181	38.918	ng	100
13) 1,4-Dichlorobenzene	6.869	146	232493	39.065	ng	100
14) 1,2-Dichlorobenzene	7.022	146	223134	39.737	ng	100
15) Benzyl Alcohol	6.998	79	178597	39.968	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	223455	39.269	ng	100
17) 2-Methylphenol	7.116	107	161380	39.284	ng	100
18) Hexachloroethane	7.357	117	86395	38.994	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	143279	38.220	ng	100
20) 3+4-Methylphenols	7.269	107	210531	38.648	ng	100
22) Acetophenone	7.263	105	289650	39.446	ng	100
24) Nitrobenzene	7.434	77	235847	39.238	ng	100
25) Isophorone	7.675	82	381938	38.852	ng	100
26) 2-Nitrophenol	7.751	139	109806	39.666	ng	100
27) 2,4-Dimethylphenol	7.793	122	128970	39.892	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	244652	39.846	ng	100
29) 2,4-Dichlorophenol	7.998	162	175409	39.299	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	200471	39.180	ng	100
31) Naphthalene	8.151	128	626585	38.860	ng	100
32) Benzoic acid	7.940	122	124210	40.510	ng	100
33) 4-Chloroaniline	8.204	127	211976	39.582	ng	100
34) Hexachlorobutadiene	8.263	225	136482	39.646	ng	100
35) Caprolactam	8.587	113	53059	39.930	ng	100
36) 4-Chloro-3-methylphenol	8.698	107	198298	39.473	ng	100
37) 2-Methylnaphthalene	8.839	142	423369	39.693	ng	100
38) 1-Methylnaphthalene	8.939	142	414363	39.281	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	208141	37.768	ng	100
41) Hexachlorocyclopentadiene	8.987	237	50793	39.476	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130363	38.631	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140859.D
 Acq On : 16 Dec 2024 14:26
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

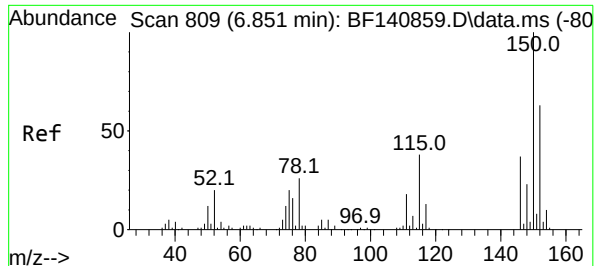
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	142411	38.395	ng	100
46) 1,1'-Biphenyl	9.304	154	542419	38.044	ng	100
47) 2-Chloronaphthalene	9.334	162	419357	38.447	ng	100
48) 2-Nitroaniline	9.434	65	128421	38.984	ng	100
49) Acenaphthylene	9.745	152	621763	38.790	ng	100
50) Dimethylphthalate	9.604	163	487517	38.566	ng	100
51) 2,6-Dinitrotoluene	9.675	165	111990	38.752	ng	100
52) Acenaphthene	9.916	154	398965	38.965	ng	100
53) 3-Nitroaniline	9.851	138	113227	39.481	ng	100
54) 2,4-Dinitrophenol	9.969	184	47982	37.788	ng	100
55) Dibenzofuran	10.092	168	619833	39.066	ng	100
56) 4-Nitrophenol	10.034	139	59043	40.590	ng	100
57) 2,4-Dinitrotoluene	10.086	165	150199	39.502	ng	100
58) Fluorene	10.434	166	517920	39.568	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127023	42.028	ng	100
60) Diethylphthalate	10.304	149	516146	39.375	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	256836	39.062	ng	100
62) 4-Nitroaniline	10.469	138	121143	40.423	ng	100
63) Azobenzene	10.581	77	490731	39.821	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	84370	41.148	ng	100
66) n-Nitrosodiphenylamine	10.545	169	433296	38.947	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	159117	39.307	ng	100
68) Hexachlorobenzene	10.986	284	177811	38.742	ng	100
69) Atrazine	11.069	200	121493	39.101	ng	100
70) Pentachlorophenol	11.186	266	70638	42.072	ng	100
71) Phenanthrene	11.398	178	711714	38.248	ng	100
72) Anthracene	11.451	178	702321	38.326	ng	100
73) Carbazole	11.610	167	689096	38.392	ng	100
74) Di-n-butylphthalate	11.928	149	816942	38.782	ng	100
75) Fluoranthene	12.592	202	817749	38.159	ng	100
77) Benzidine	12.716	184	194791	39.598	ng	100
78) Pyrene	12.822	202	818937	38.208	ng	100
80) Butylbenzylphthalate	13.427	149	311465	39.493	ng	100
81) Benzo(a)anthracene	14.022	228	654937	38.340	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	198481	38.511	ng	100
83) Chrysene	14.063	228	612484	39.430	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	395970	38.939	ng	100
85) Di-n-octyl phthalate	14.633	149	589634	38.326	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	514416	40.662	ng	100
88) Benzo(b)fluoranthene	15.110	252	524660	37.283	ng	100
89) Benzo(k)fluoranthene	15.139	252	496310	41.115	ng	100
90) Benzo(a)pyrene	15.480	252	435015	39.478	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	428983	40.931	ng	100
92) Benzo(g,h,i)perylene	17.504	276	434898	40.771	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

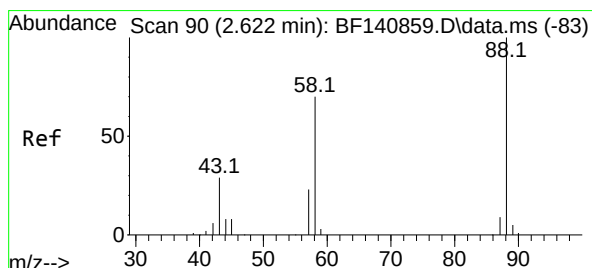
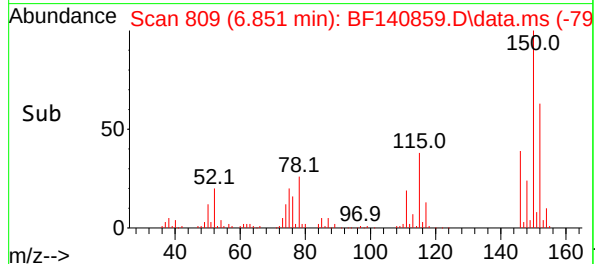
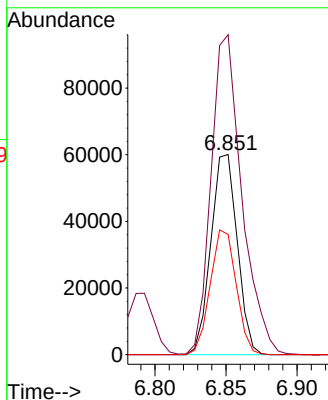
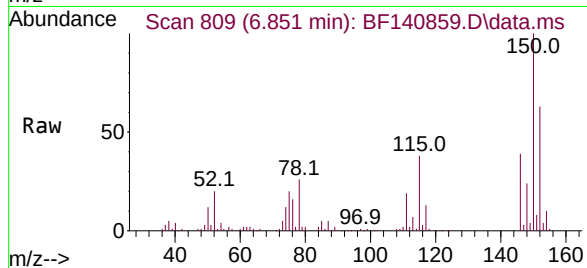
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

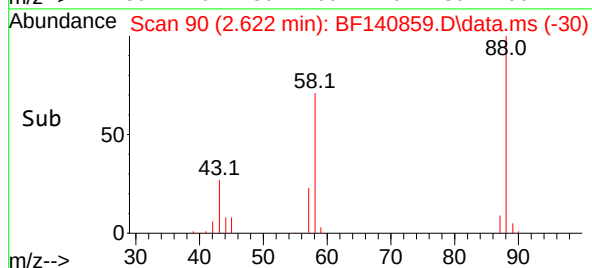
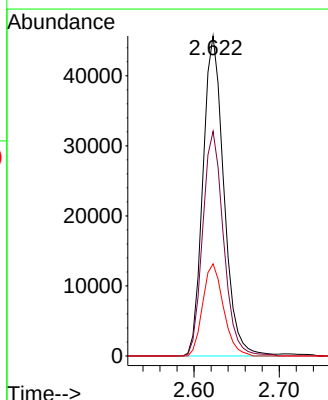
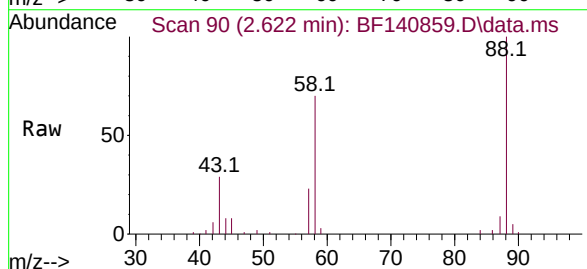
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

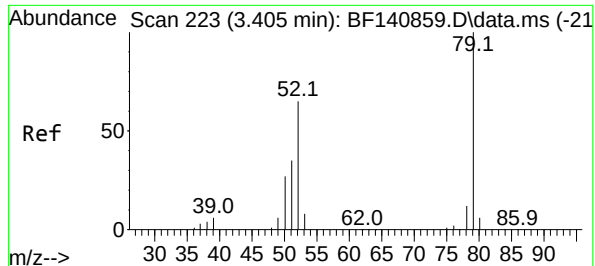
Tgt Ion:152 Resp: 77674
Ion Ratio Lower Upper
152 100
150 159.9 127.9 191.9
115 60.0 48.0 72.0



#2
1,4-Dioxane
Concen: 38.433 ng
RT: 2.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 88 Resp: 78111
Ion Ratio Lower Upper
88 100
58 69.8 55.8 83.8
43 28.4 22.7 34.1





#3

Pyridine

Concen: 40.326 ng

RT: 3.405 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

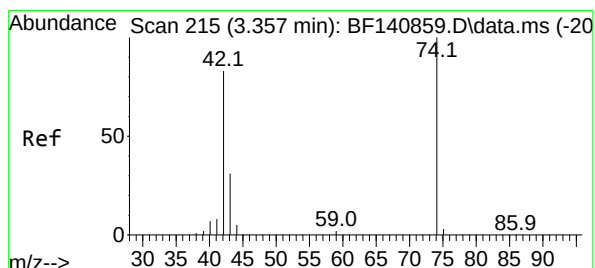
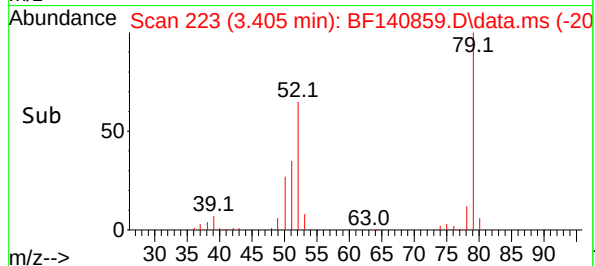
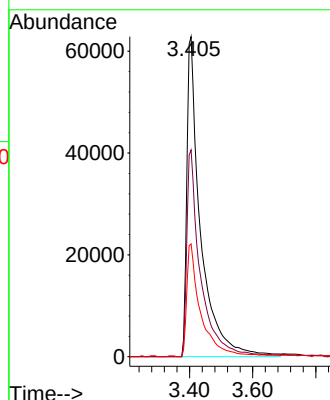
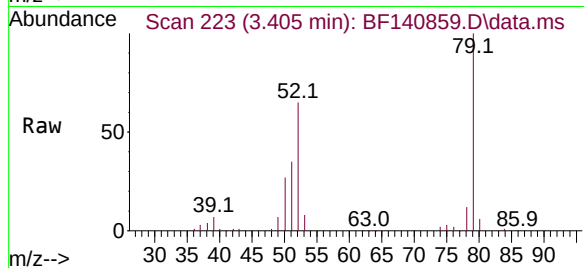
Tgt Ion: 79 Resp: 189803

Ion Ratio Lower Upper

79 100

52 64.6 51.7 77.5

51 35.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 39.510 ng

RT: 3.357 min Scan# 215

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

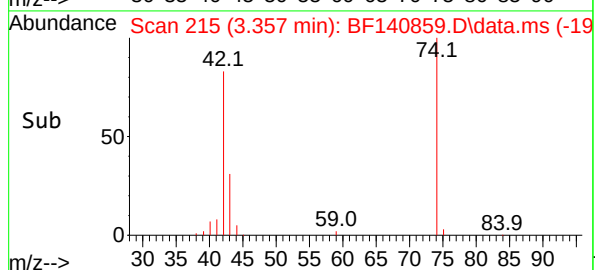
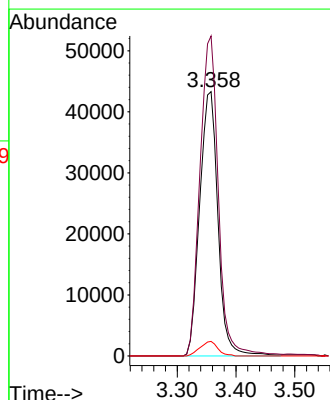
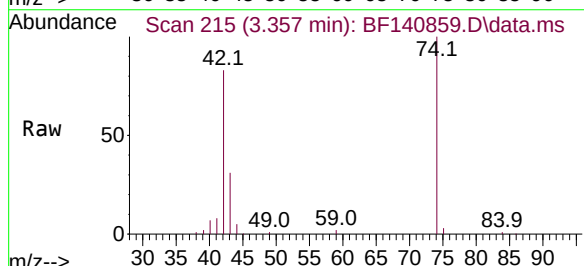
Tgt Ion: 42 Resp: 93747

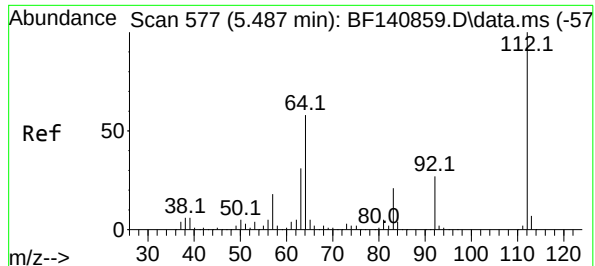
Ion Ratio Lower Upper

42 100

74 121.1 96.9 145.3

44 5.5 4.4 6.6

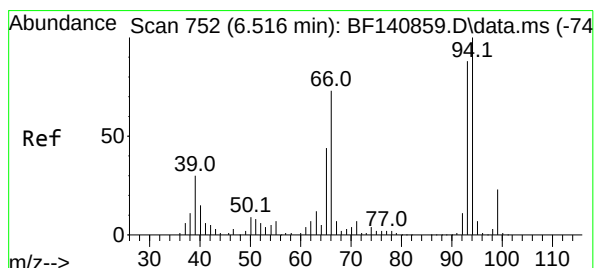
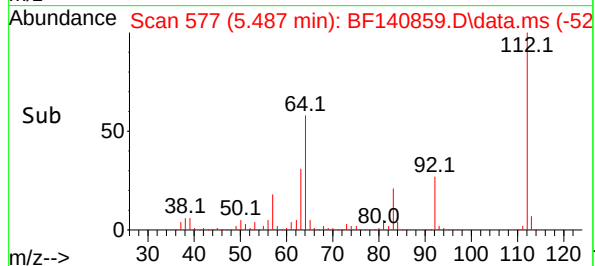
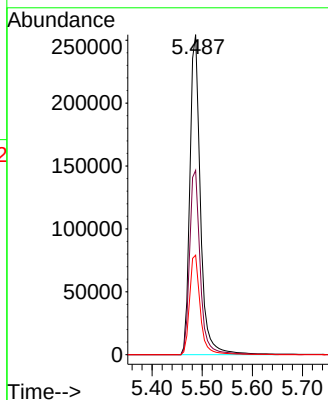
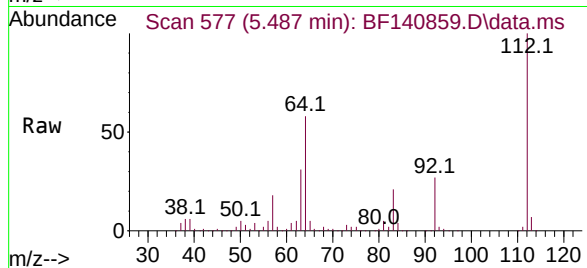




#5
2-Fluorophenol
Concen: 78.982 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

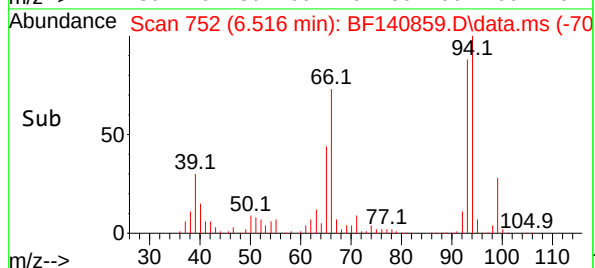
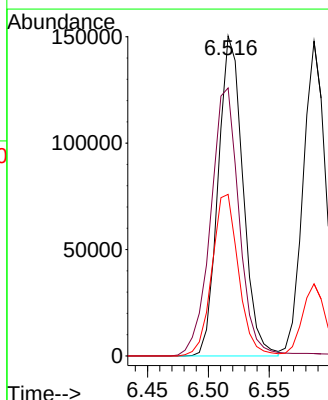
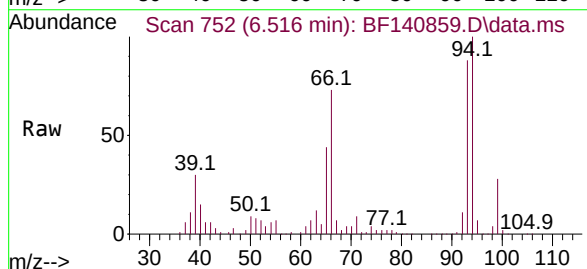
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

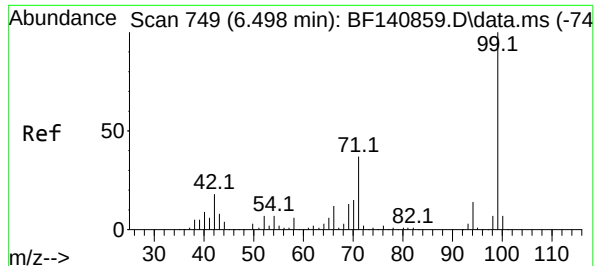
Tgt Ion:112 Resp: 372670
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 31.1 24.9 37.3



#6
Aniline
Concen: 39.944 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 93 Resp: 213440
Ion Ratio Lower Upper
93 100
66 83.7 67.0 100.4
65 50.5 40.4 60.6





#7

Phenol-d6

Concen: 77.902 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

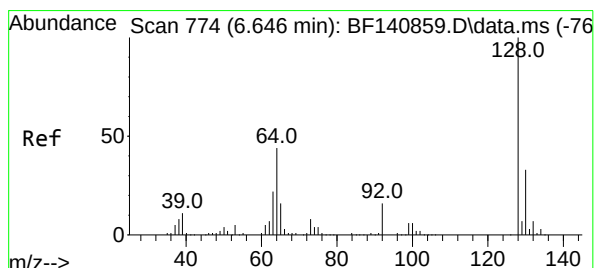
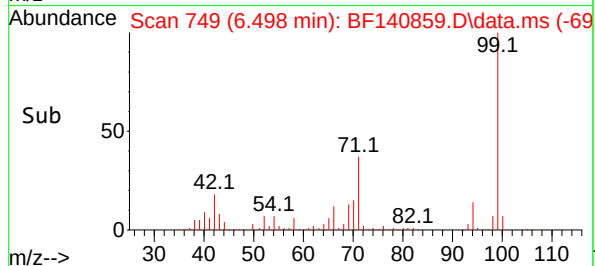
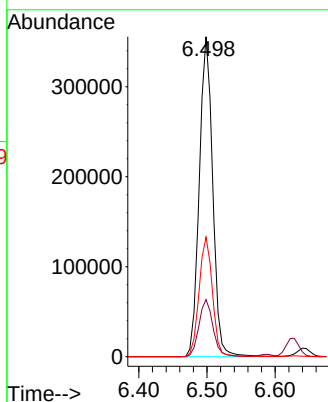
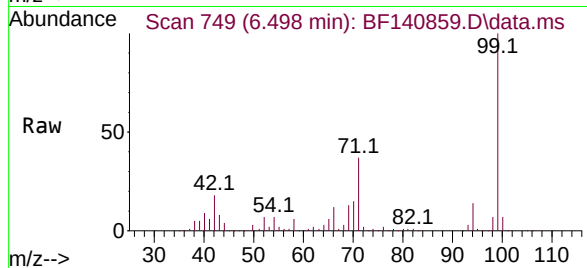
Tgt Ion: 99 Resp: 486855

Ion Ratio Lower Upper

99 100

42 17.9 14.3 21.5

71 37.4 29.9 44.9



#8

2-Chlorophenol

Concen: 39.277 ng

RT: 6.646 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

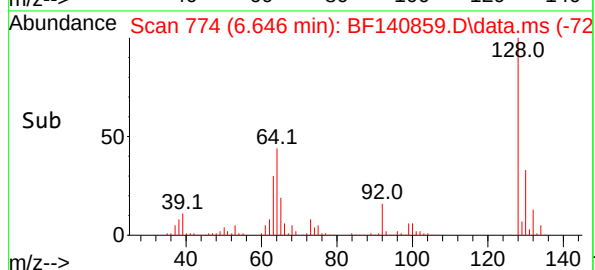
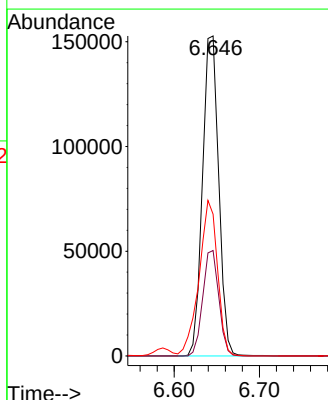
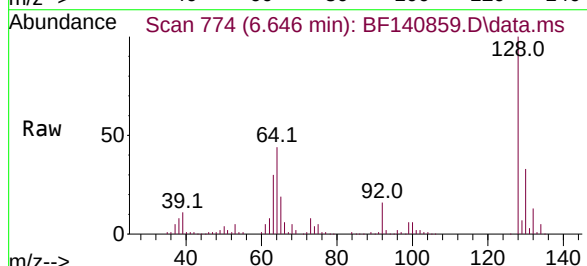
Tgt Ion:128 Resp: 202098

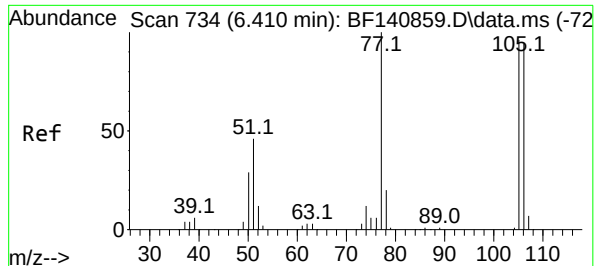
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 38.761 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

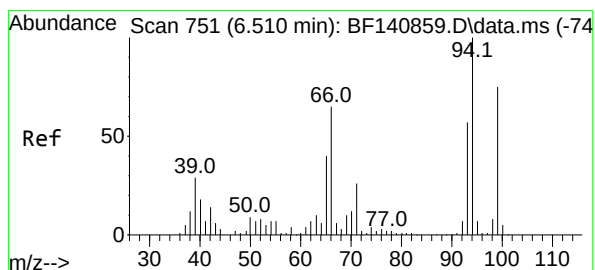
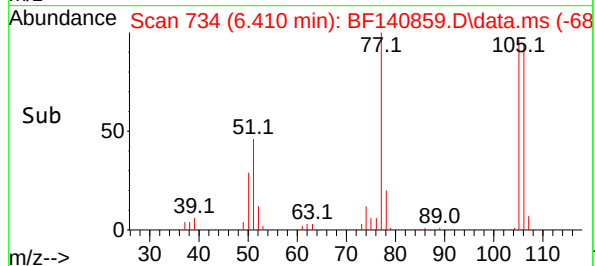
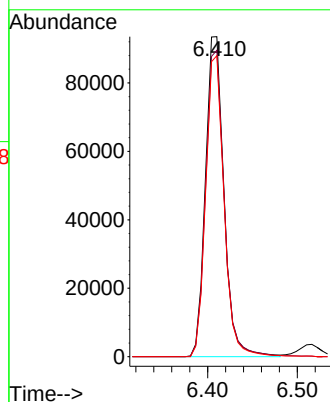
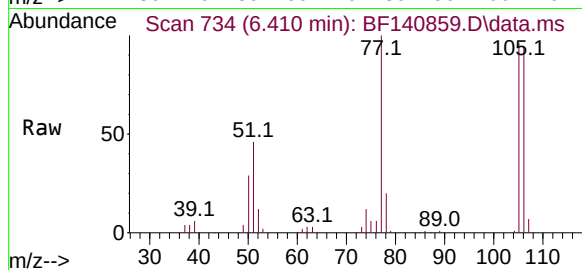
Tgt Ion: 77 Resp: 134222

Ion Ratio Lower Upper

77 100

105 95.8 75.8 115.8

106 94.1 74.1 114.1



#10

Phenol

Concen: 39.100 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

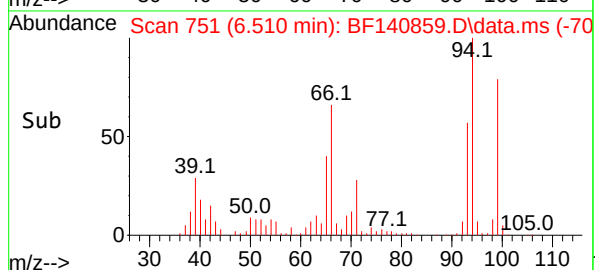
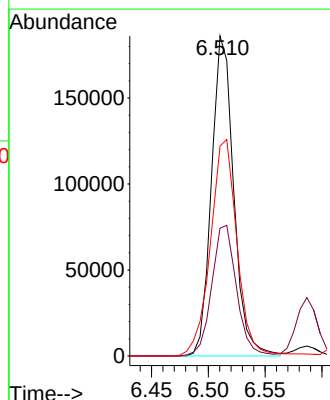
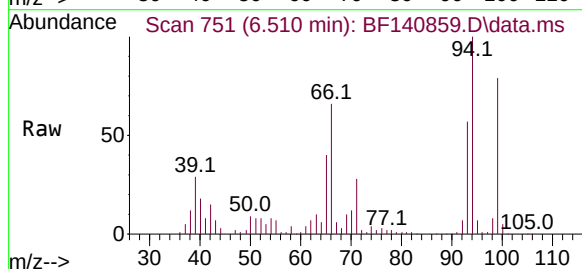
Tgt Ion: 94 Resp: 253259

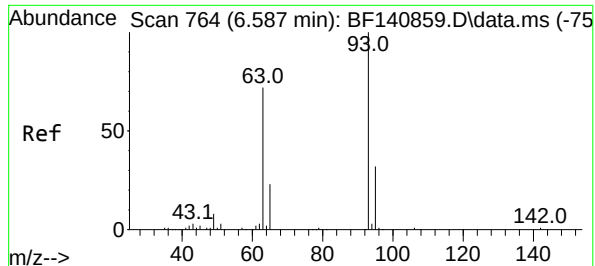
Ion Ratio Lower Upper

94 100

65 39.9 19.9 59.9

66 65.6 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 39.459 ng

RT: 6.587 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

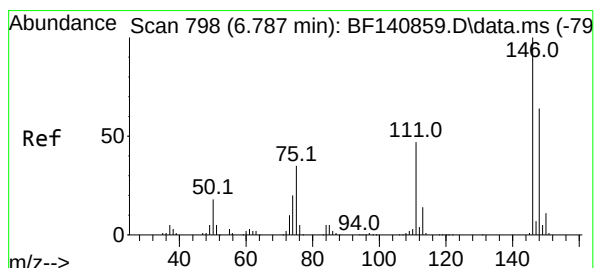
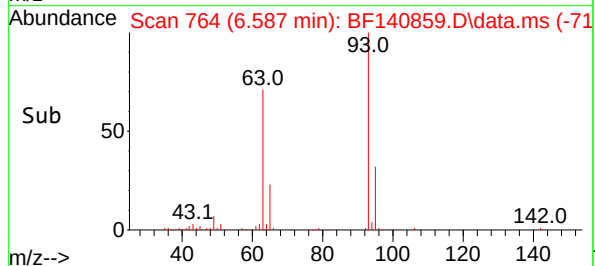
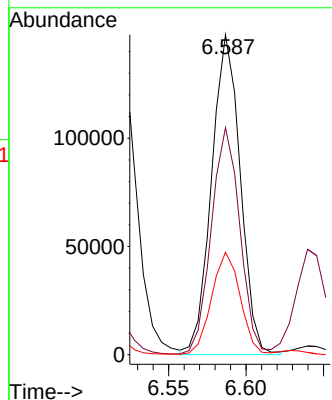
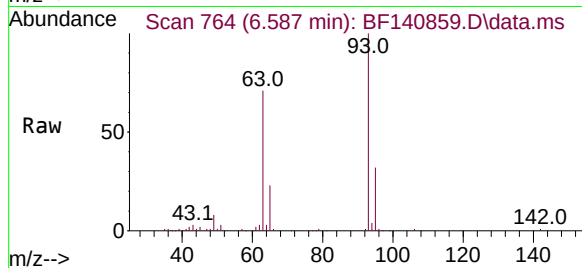
Tgt Ion: 93 Resp: 190608

Ion Ratio Lower Upper

93 100

63 71.0 51.0 91.0

95 32.0 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 38.918 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

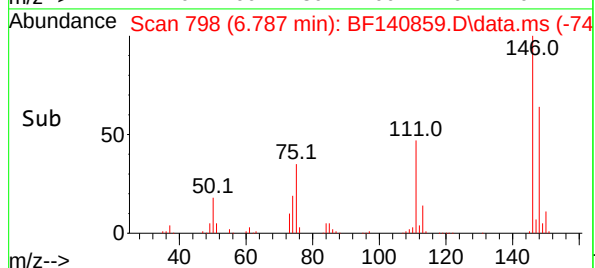
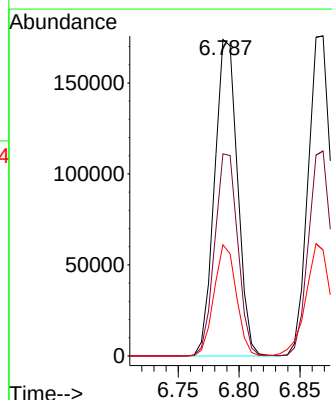
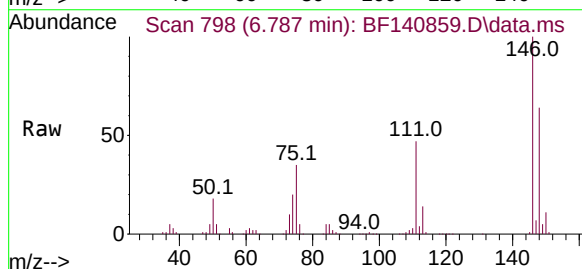
Tgt Ion: 146 Resp: 228181

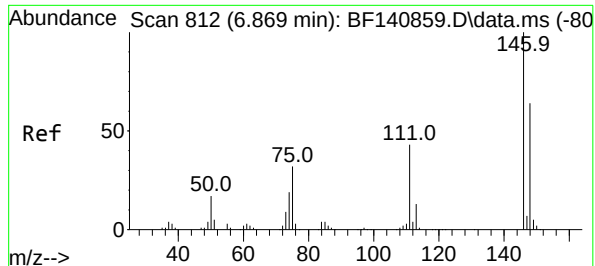
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

75 35.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.065 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

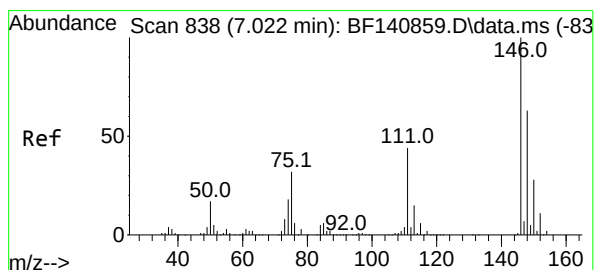
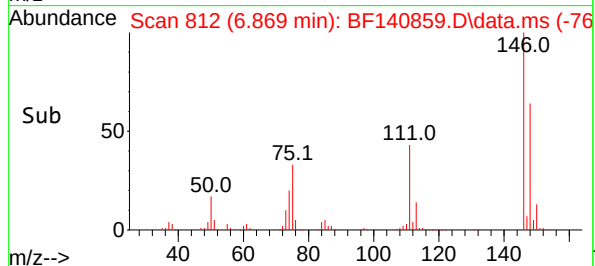
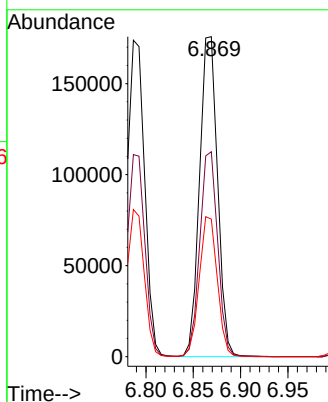
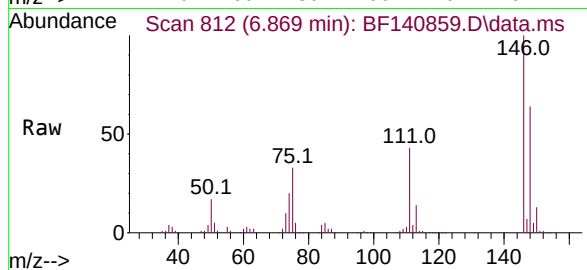
Tgt Ion:146 Resp: 232493

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.737 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

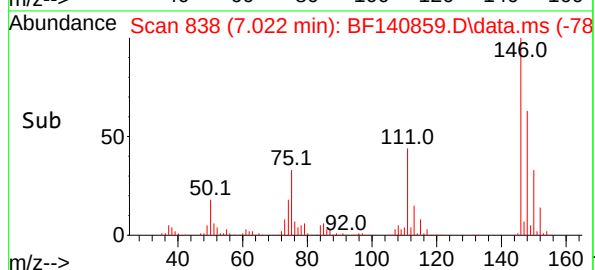
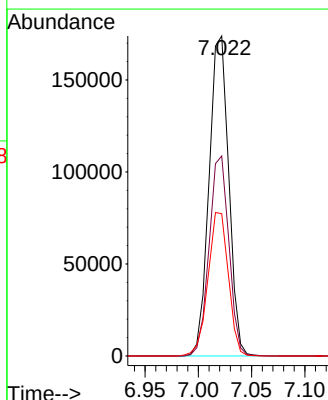
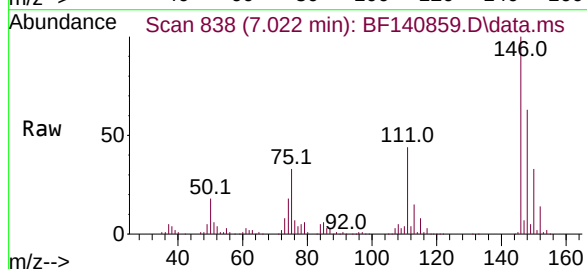
Tgt Ion:146 Resp: 223134

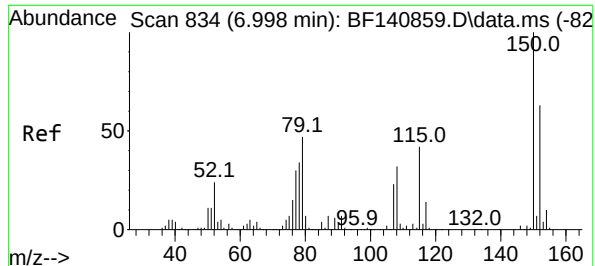
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 44.5 35.6 53.4

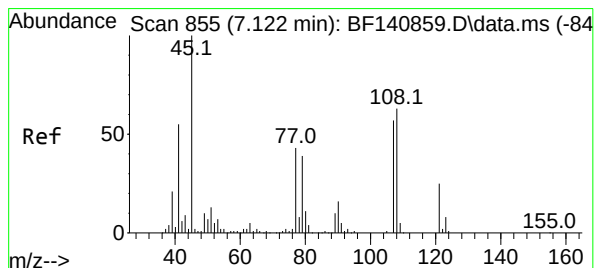
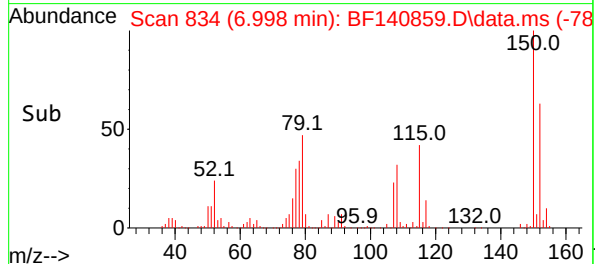
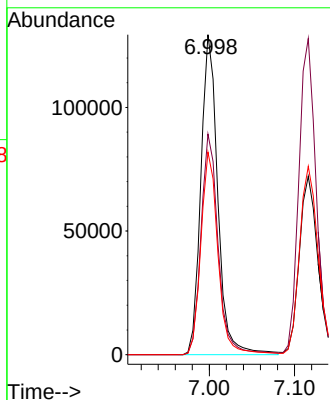
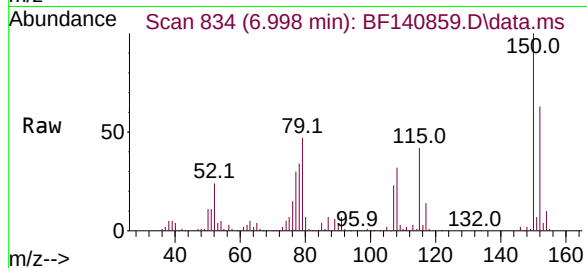




#15
Benzyl Alcohol
Concen: 39.968 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

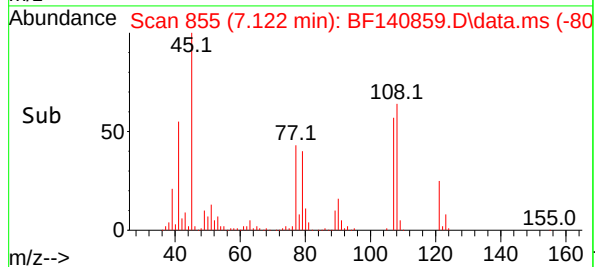
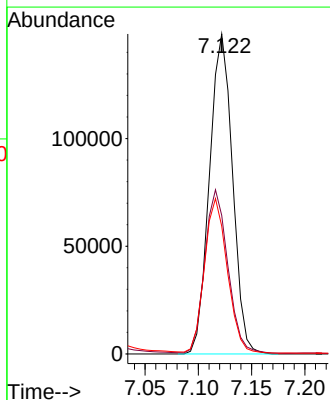
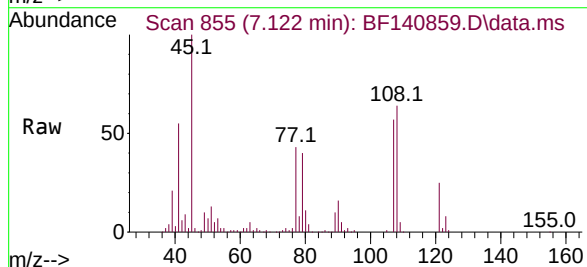
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

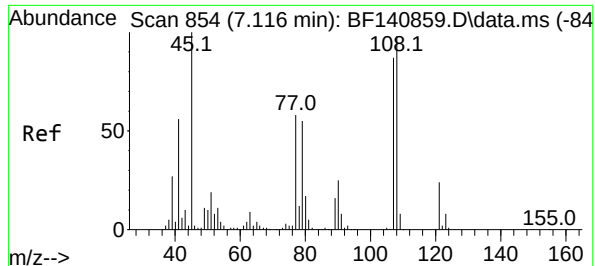
Tgt Ion: 79 Resp: 178597
Ion Ratio Lower Upper
79 100
108 68.9 55.1 82.7
77 63.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.269 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

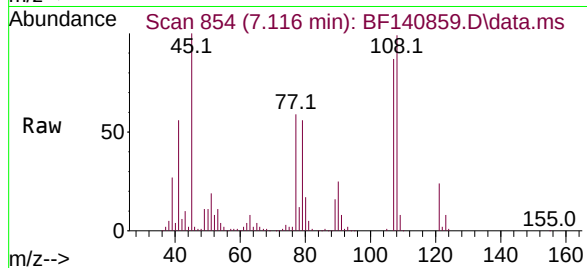
Tgt Ion: 45 Resp: 223455
Ion Ratio Lower Upper
45 100
77 43.3 23.3 63.3
79 40.0 20.0 60.0



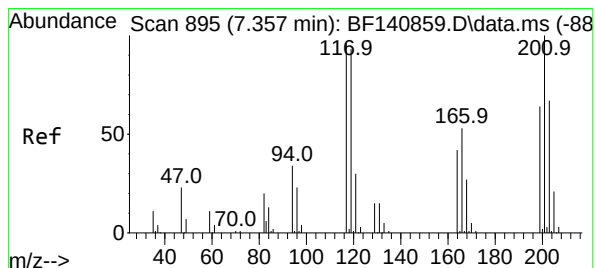
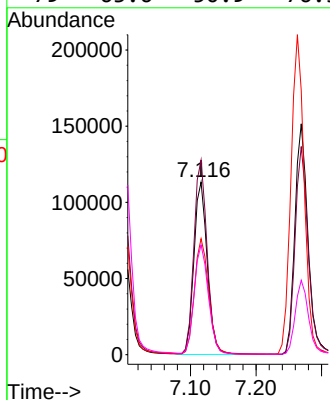
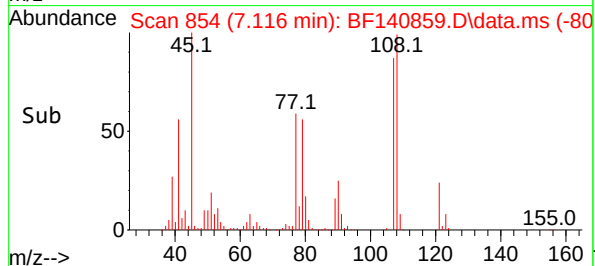


#17
2-Methylphenol
Concen: 39.284 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

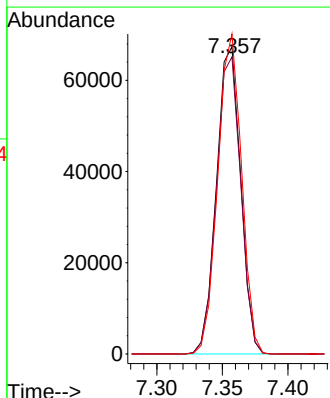
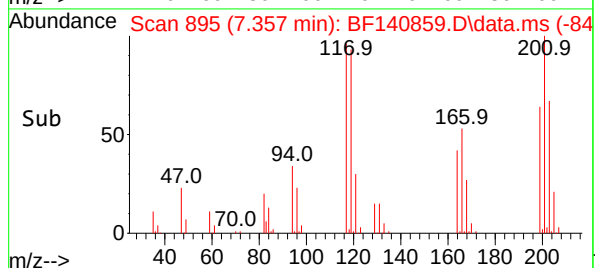
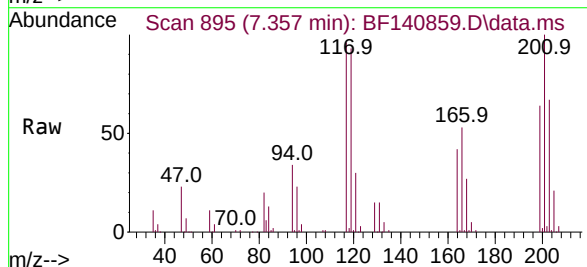


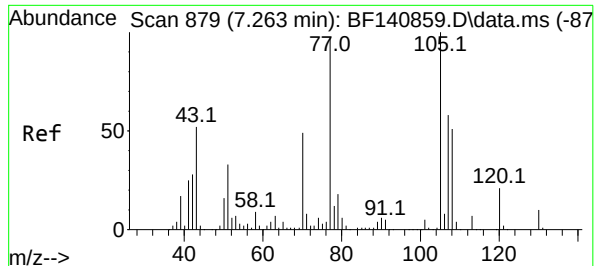
Tgt Ion:107 Resp: 161380
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.4
77 67.2 53.8 80.6
79 63.6 50.9 76.3



#18
Hexachloroethane
Concen: 38.994 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:117 Resp: 86395
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 104.2 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.220 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 143279

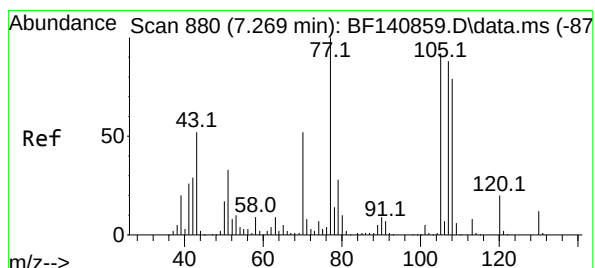
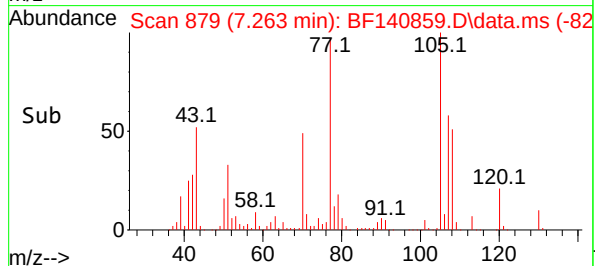
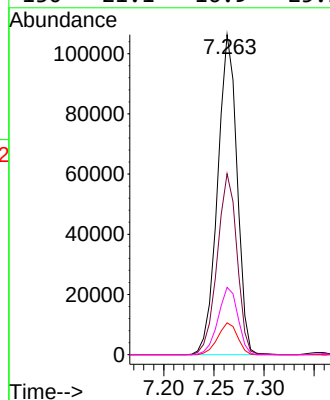
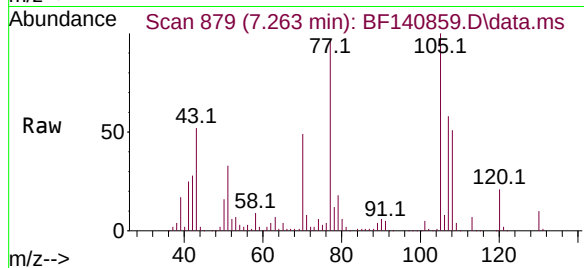
Ion Ratio Lower Upper

70 100

42 56.6 45.3 67.9

101 10.0 8.0 12.0

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.648 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion: 107 Resp: 210531

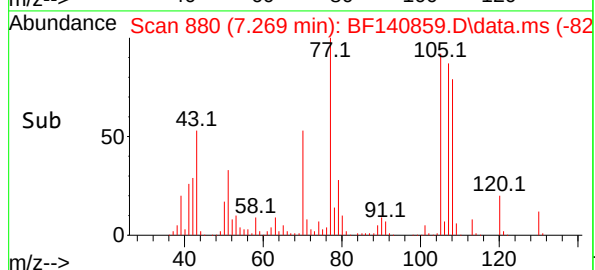
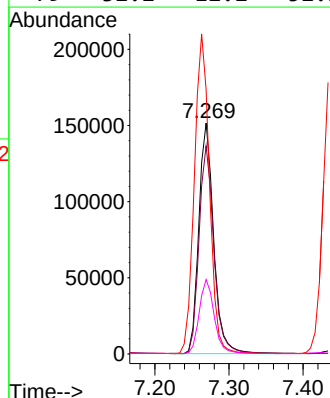
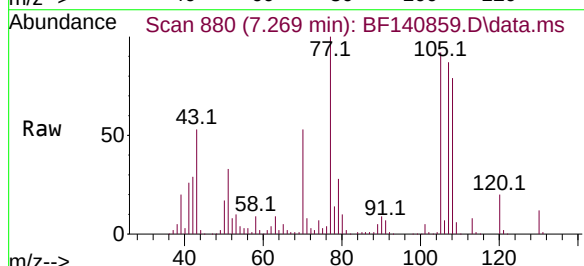
Ion Ratio Lower Upper

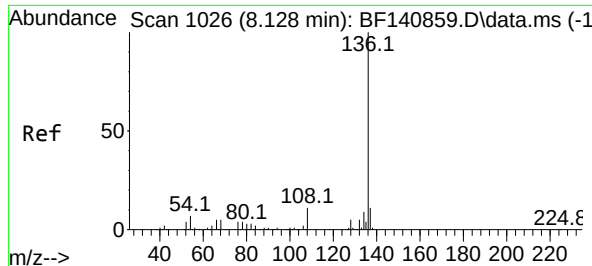
107 100

108 90.1 70.1 110.1

77 114.4 94.4 134.4

79 32.2 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 293537

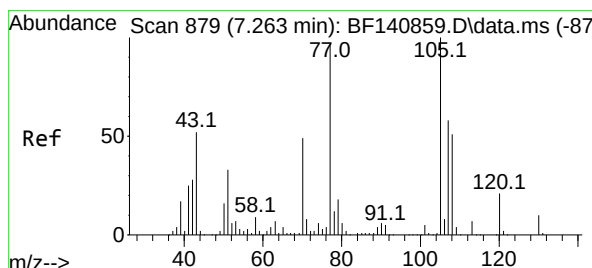
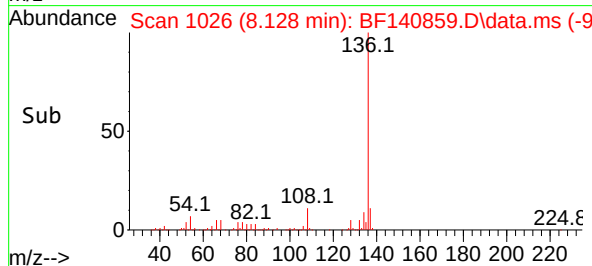
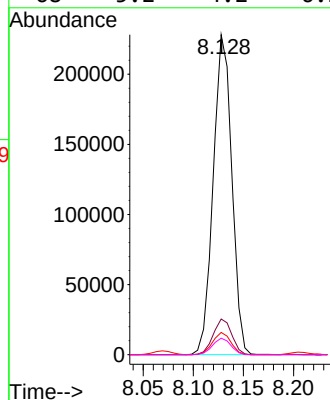
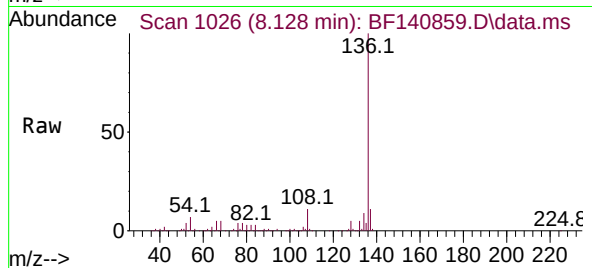
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.0 5.6 8.4

68 5.2 4.2 6.2



#22

Acetophenone

Concen: 39.446 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:105 Resp: 289650

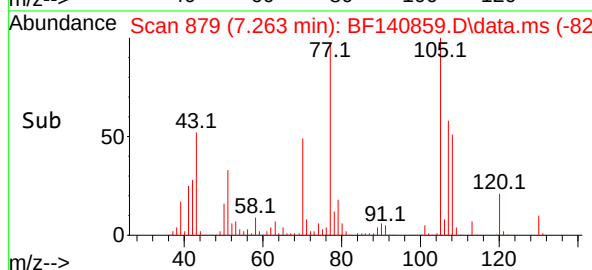
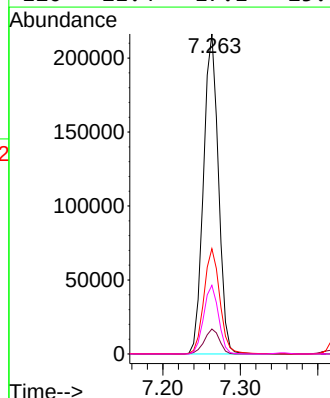
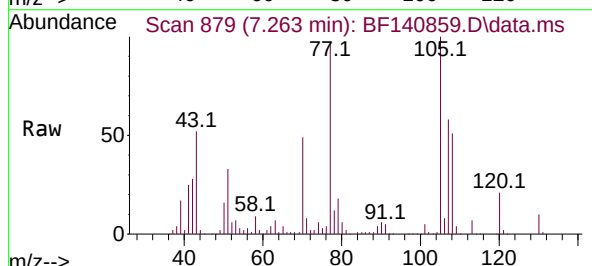
Ion Ratio Lower Upper

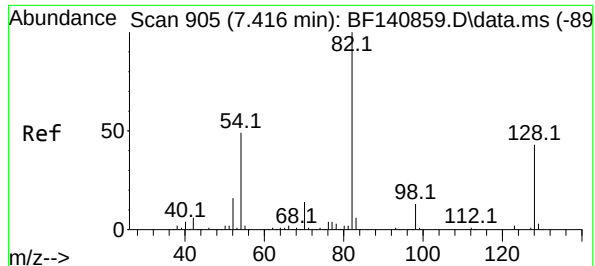
105 100

71 7.8 6.2 9.4

51 32.9 26.3 39.5

120 21.4 17.1 25.7





#23

Nitrobenzene-d5

Concen: 78.576 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

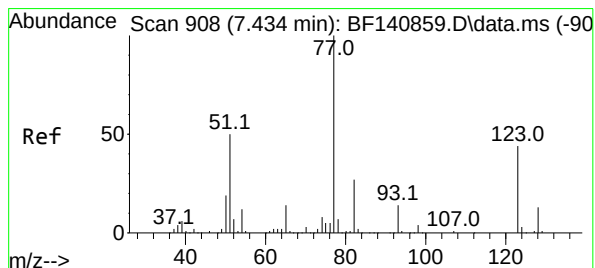
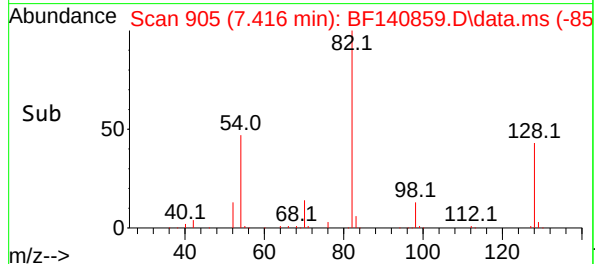
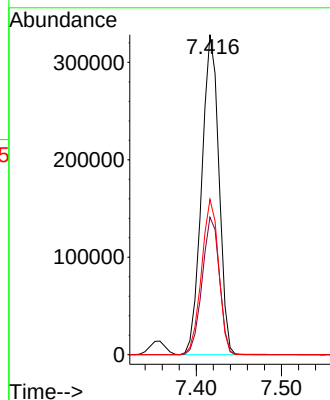
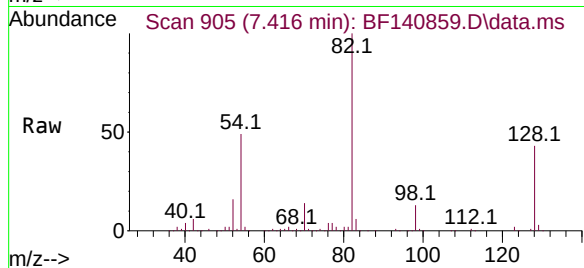
Tgt Ion: 82 Resp: 461011

Ion Ratio Lower Upper

82 100

128 43.0 34.4 51.6

54 48.5 38.8 58.2



#24

Nitrobenzene

Concen: 39.238 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

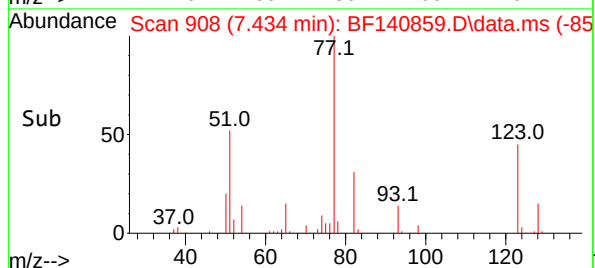
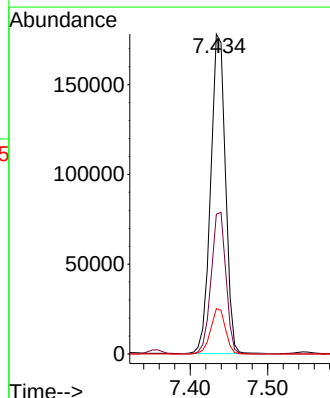
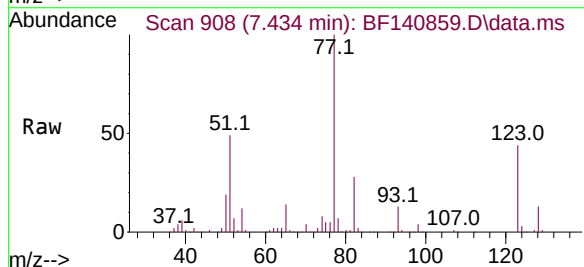
Tgt Ion: 77 Resp: 235847

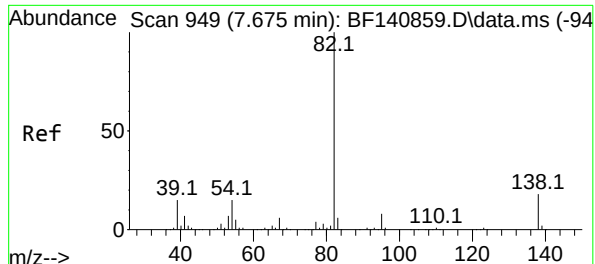
Ion Ratio Lower Upper

77 100

123 43.7 35.0 52.4

65 14.2 11.4 17.0





#25

Isophorone

Concen: 38.852 ng

RT: 7.675 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

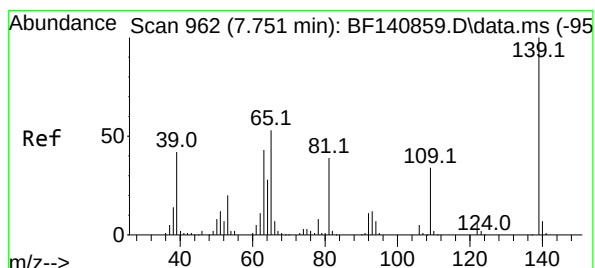
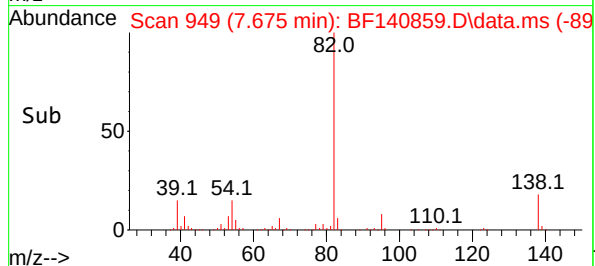
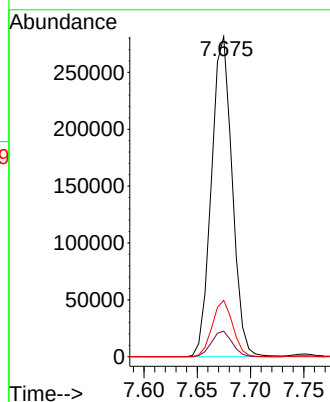
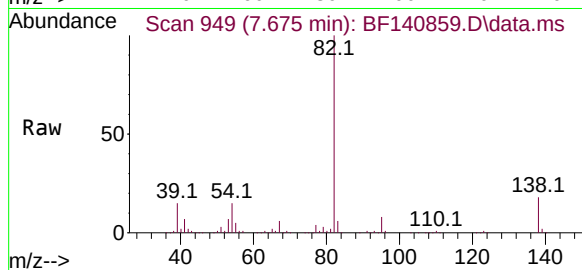
Tgt Ion: 82 Resp: 381938

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 17.6 14.1 21.1



#26

2-Nitrophenol

Concen: 39.666 ng

RT: 7.751 min Scan# 962

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

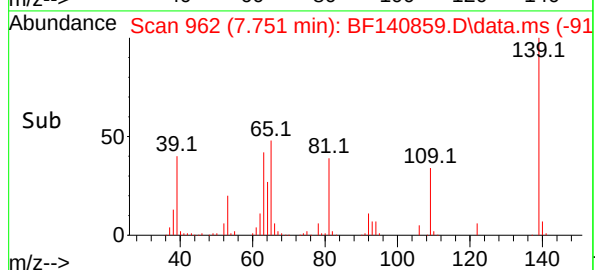
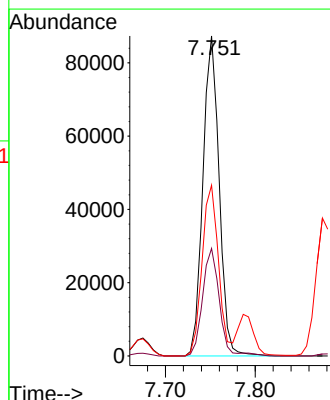
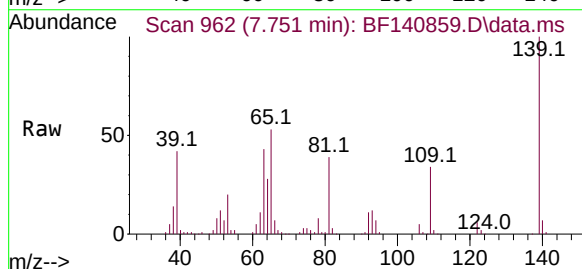
Tgt Ion:139 Resp: 109806

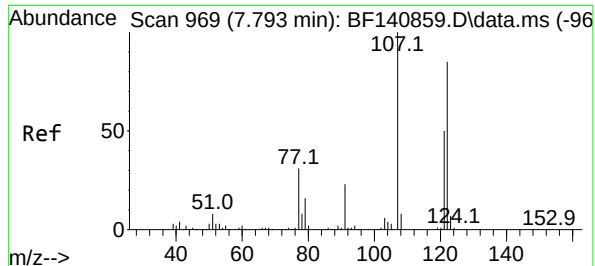
Ion Ratio Lower Upper

139 100

109 33.6 26.9 40.3

65 53.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 39.892 ng

RT: 7.793 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

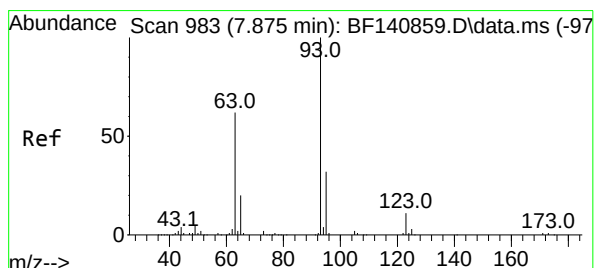
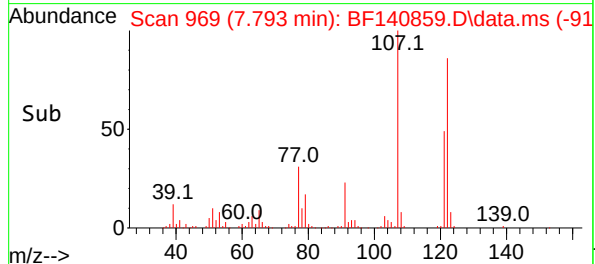
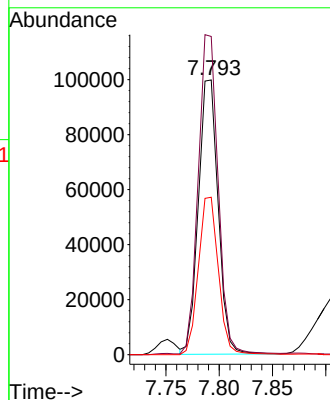
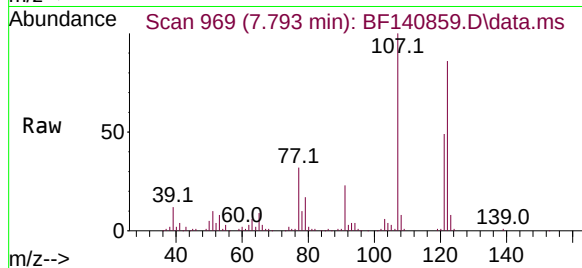
Tgt Ion:122 Resp: 128970

Ion Ratio Lower Upper

122 100

107 115.8 92.6 139.0

121 57.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.846 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

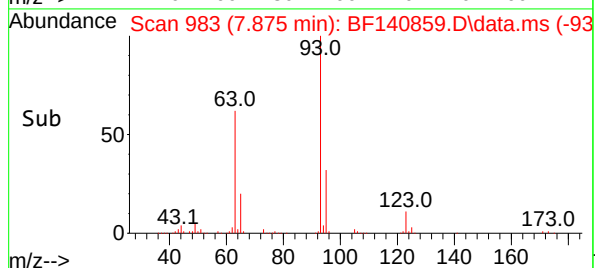
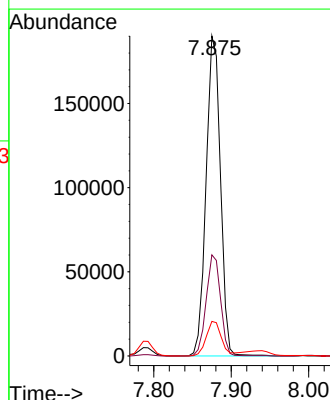
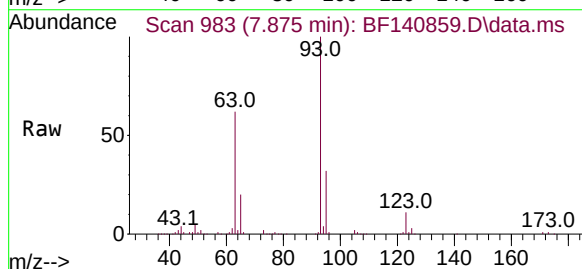
Tgt Ion: 93 Resp: 244652

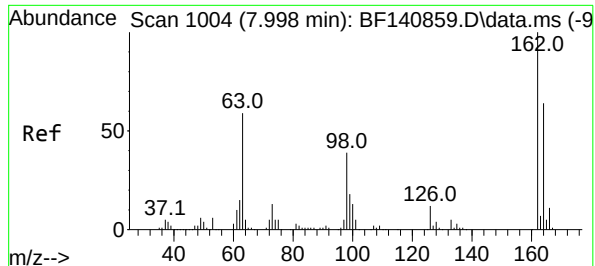
Ion Ratio Lower Upper

93 100

95 31.6 25.3 37.9

123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.299 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

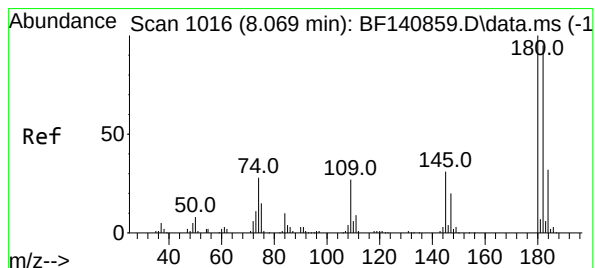
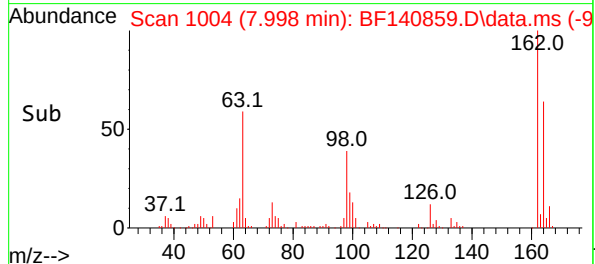
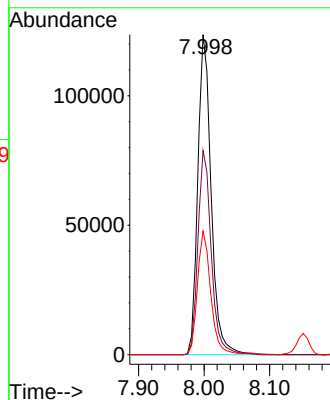
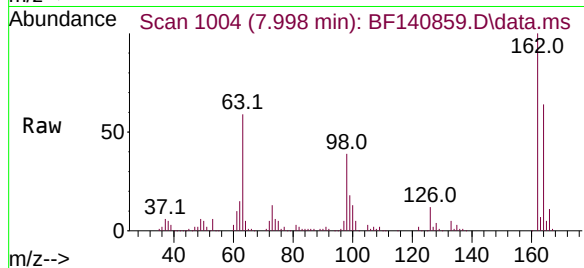
Tgt Ion:162 Resp: 175409

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 38.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.180 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

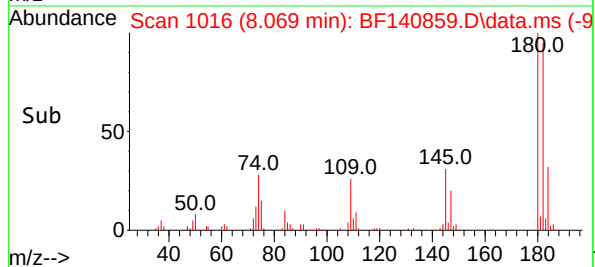
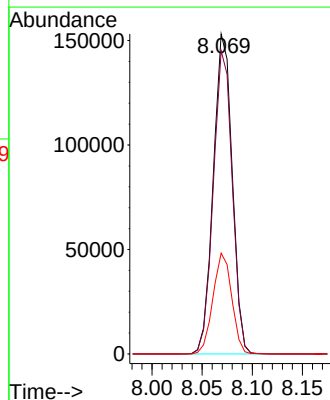
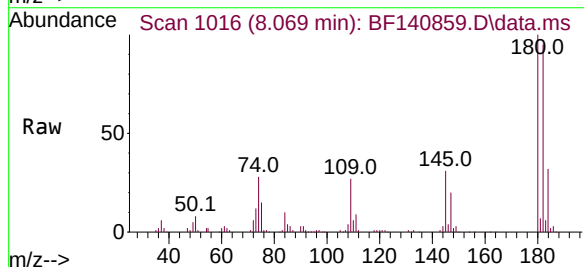
Tgt Ion:180 Resp: 200471

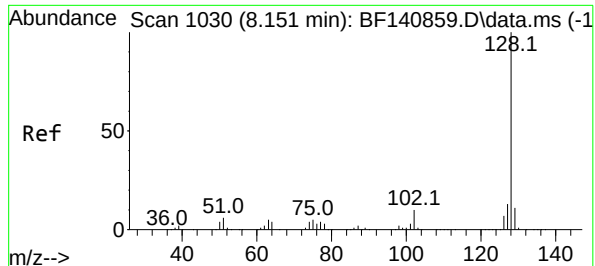
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.5 25.2 37.8





#31

Naphthalene

Concen: 38.860 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

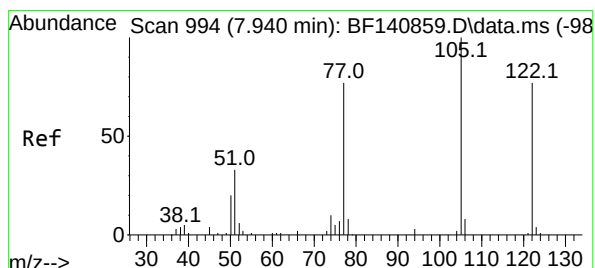
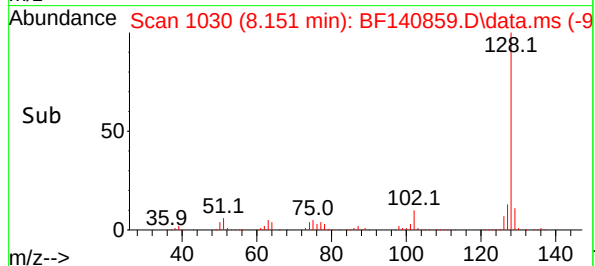
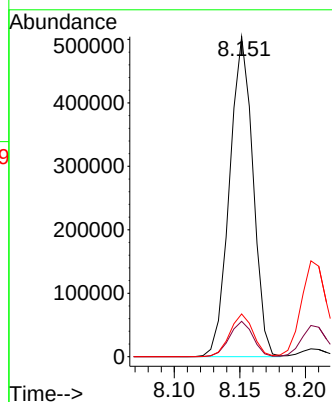
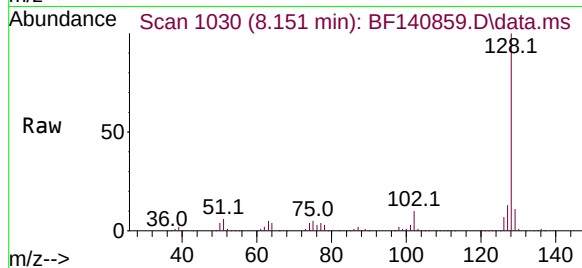
Tgt Ion:128 Resp: 626585

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 40.510 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

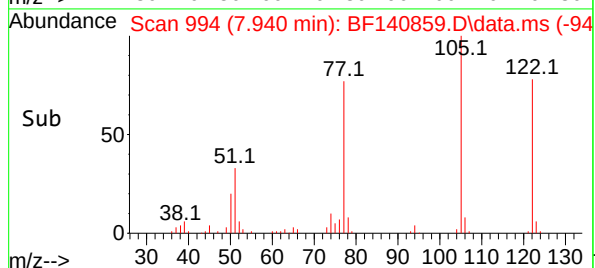
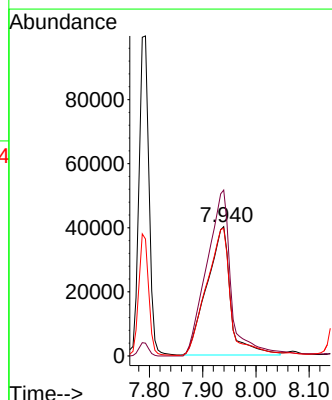
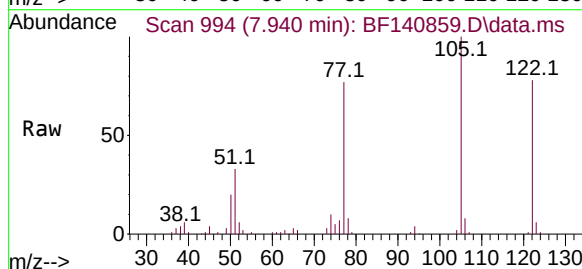
Tgt Ion:122 Resp: 124210

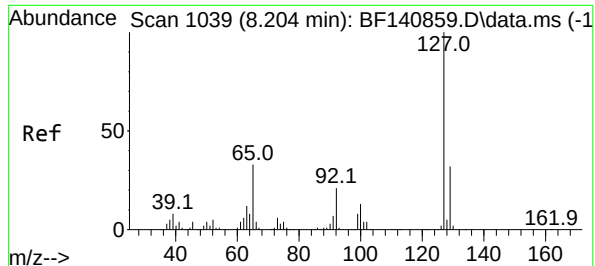
Ion Ratio Lower Upper

122 100

105 128.3 108.3 148.3

77 98.8 78.8 118.8





#33

4-Chloroaniline

Concen: 39.582 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 211976

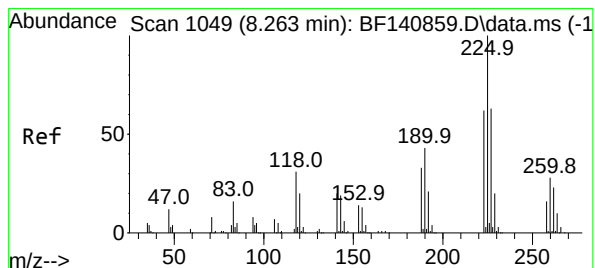
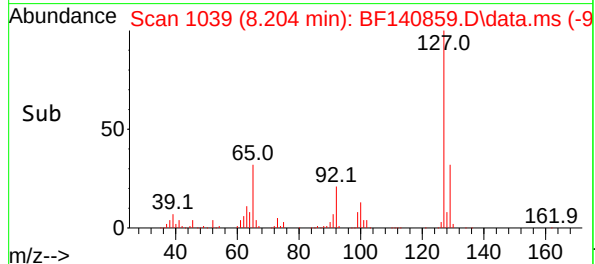
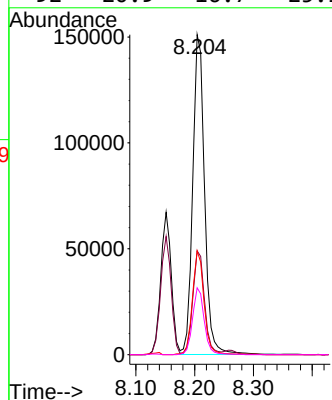
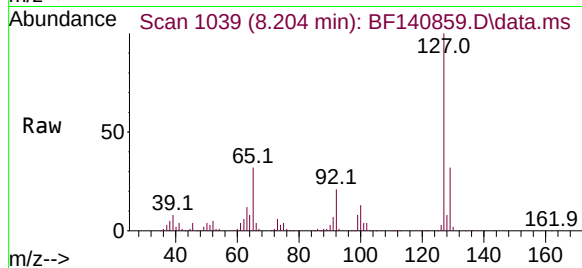
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 32.5 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.646 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

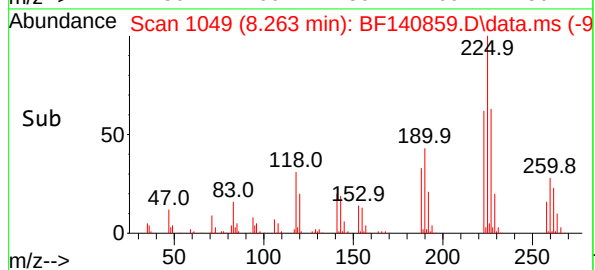
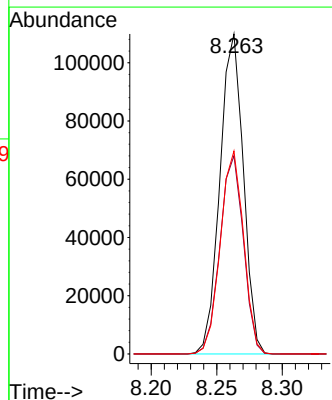
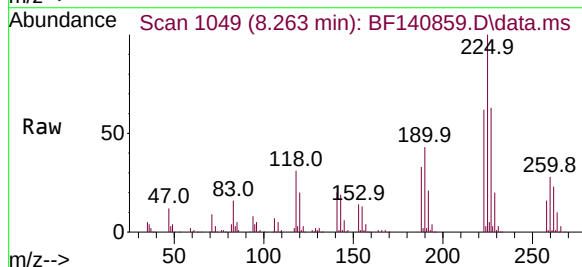
Tgt Ion:225 Resp: 136482

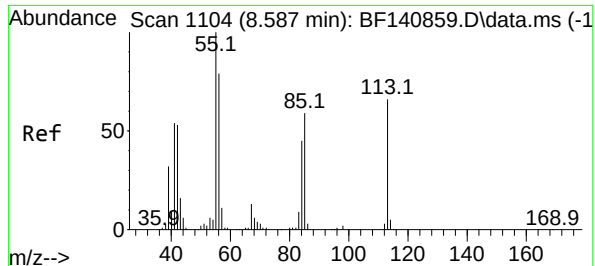
Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

227 63.4 50.7 76.1

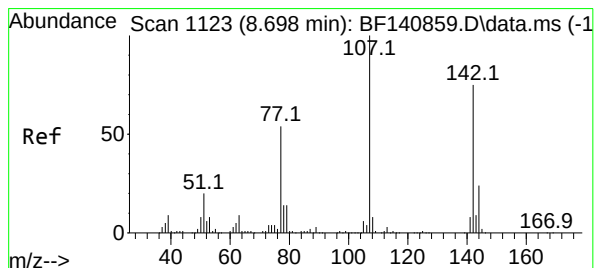
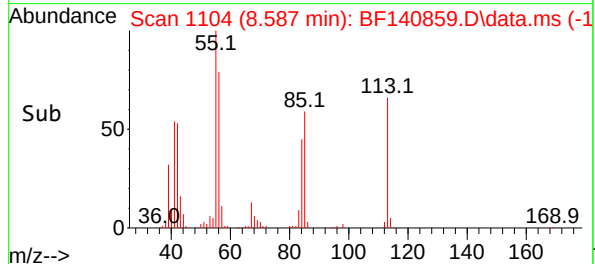
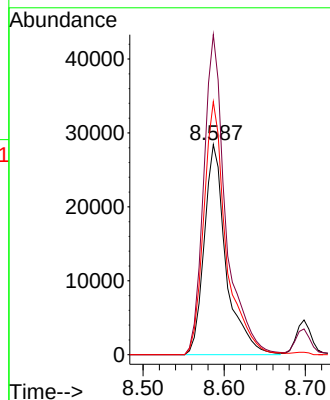
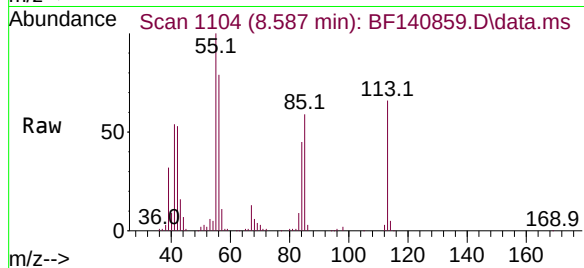




#35
Caprolactam
Concen: 39.930 ng
RT: 8.587 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

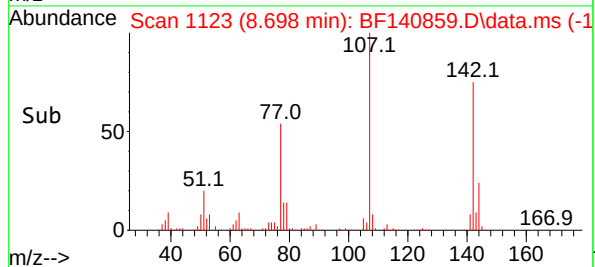
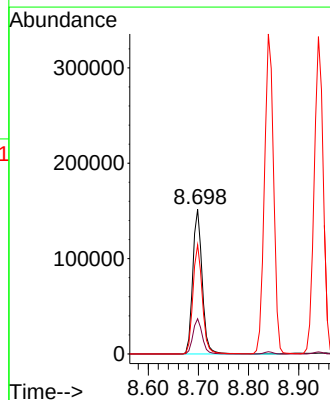
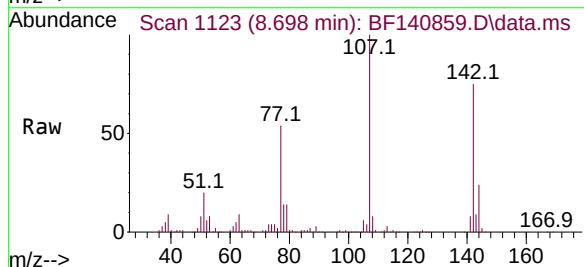
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

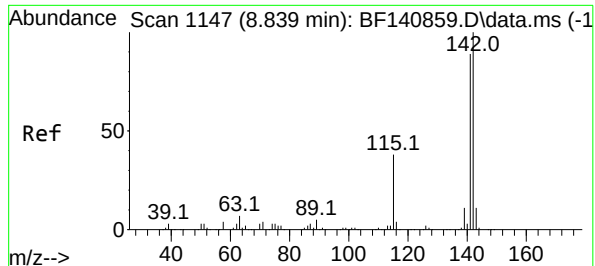
Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.3	132.3	172.3
56	120.3	100.3	140.3



#36
4-Chloro-3-methylphenol
Concen: 39.473 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.4	29.2
142	75.4	60.3	90.5





#37

2-Methylnaphthalene

Concen: 39.693 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

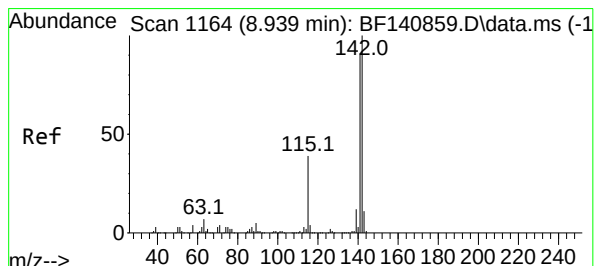
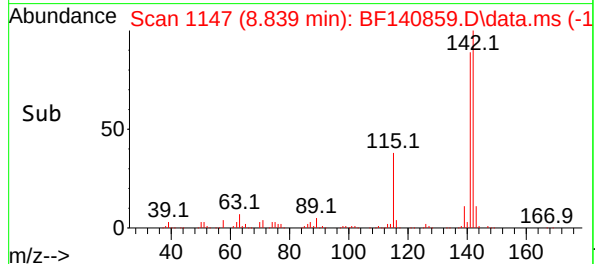
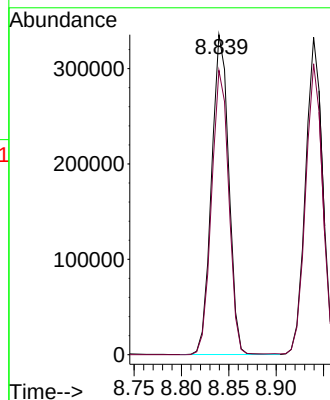
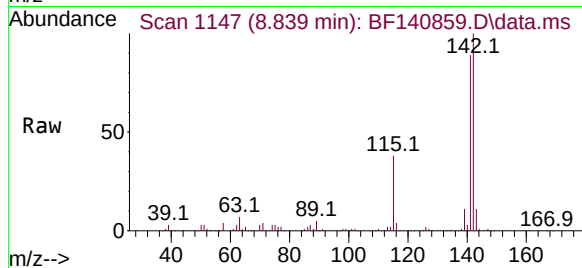
SSTDICCC040

Tgt Ion:142 Resp: 423369

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.281 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140859.D

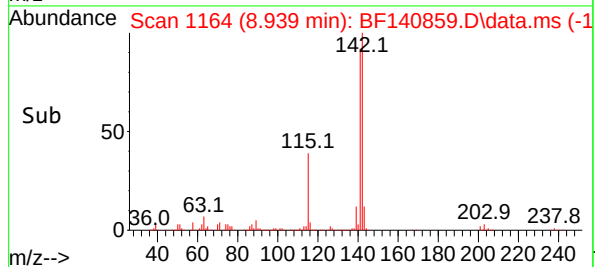
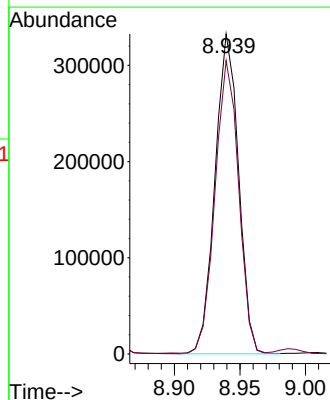
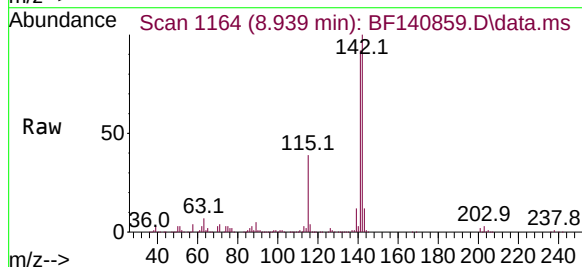
Acq: 16 Dec 2024 14:26

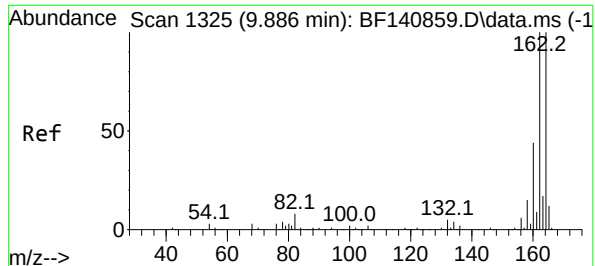
Tgt Ion:142 Resp: 414363

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

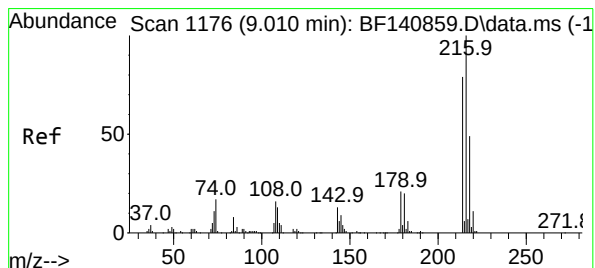
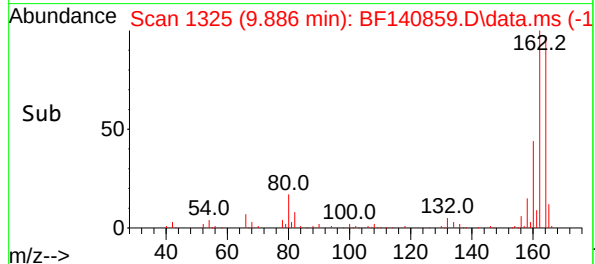
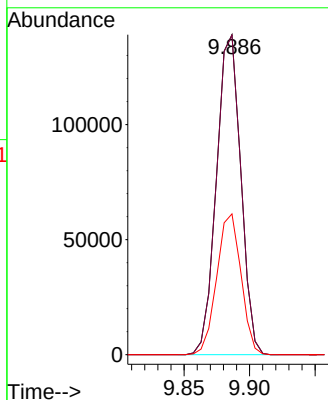
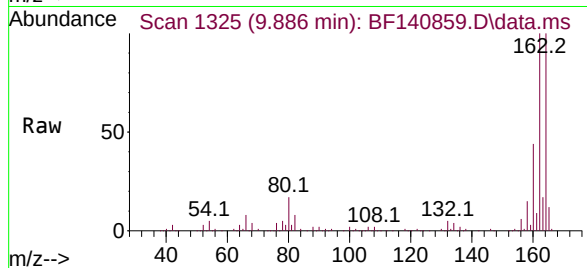
Tgt Ion:164 Resp: 179301

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 44.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.768 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:216 Resp: 208141

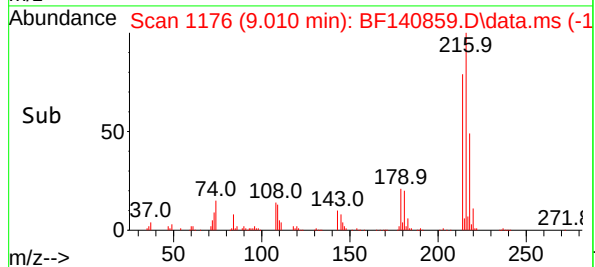
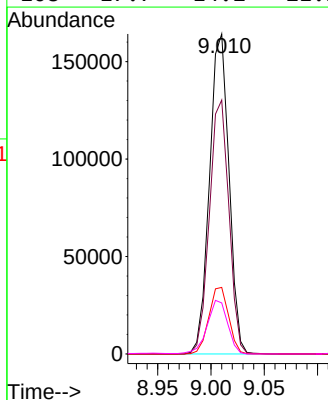
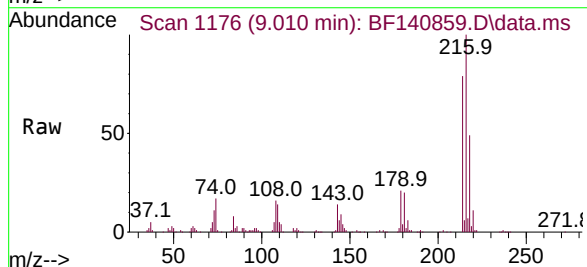
Ion Ratio Lower Upper

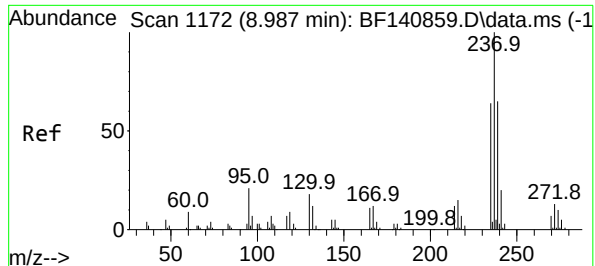
216 100

214 79.5 63.6 95.4

179 21.2 17.0 25.4

108 17.7 14.2 21.2

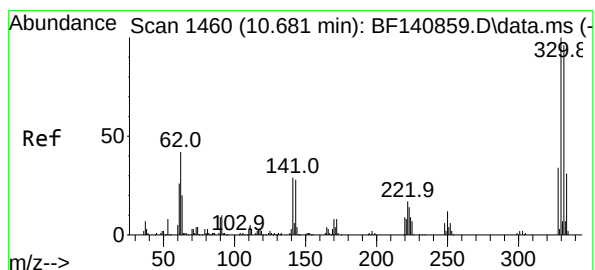
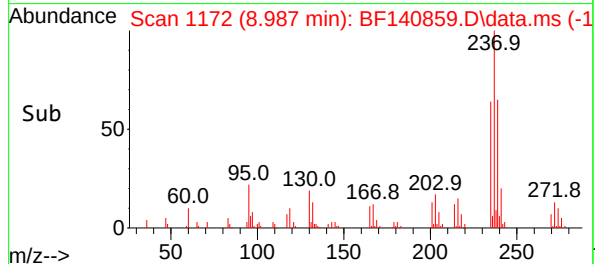
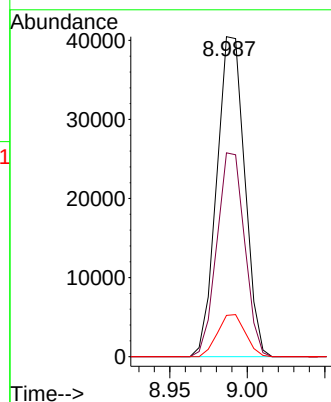
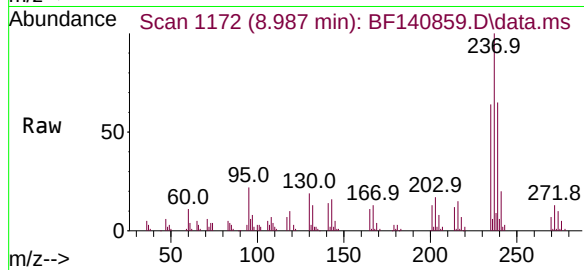




#41
Hexachlorocyclopentadiene
Concen: 39.476 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

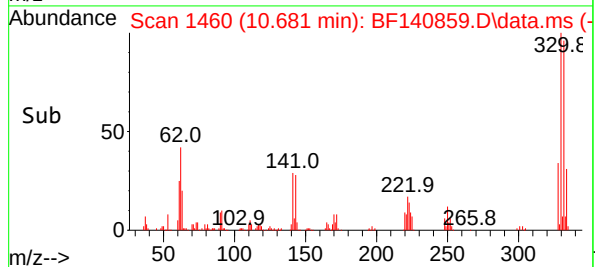
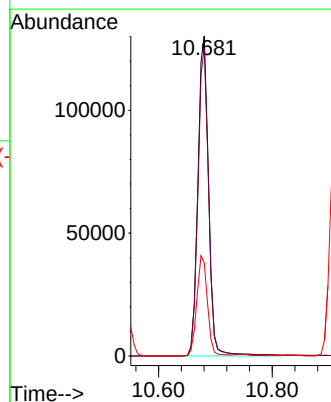
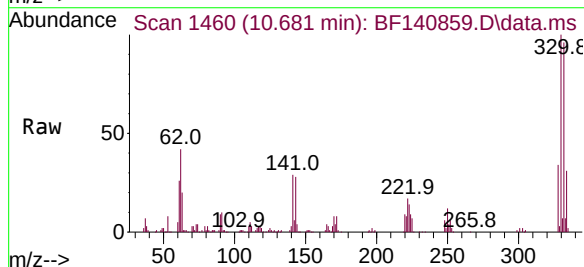
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

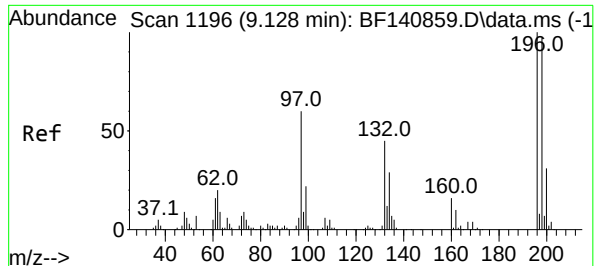
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.7	83.7
272	12.9	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 81.197 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	31.1	24.9	37.3





#43

2,4,6-Trichlorophenol

Concen: 38.631 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

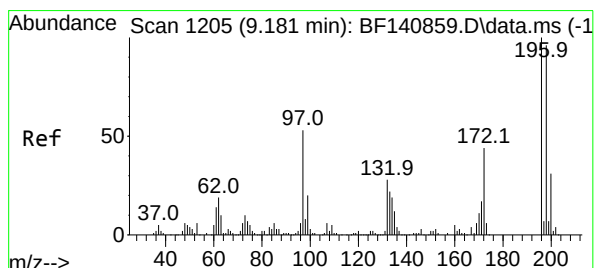
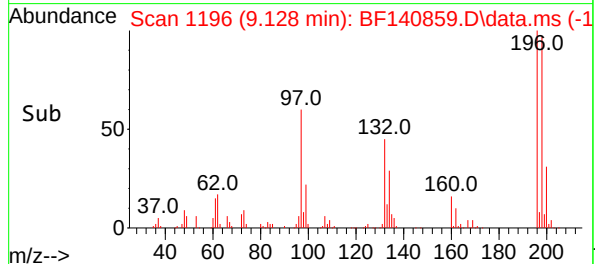
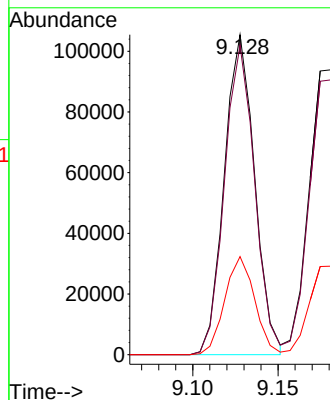
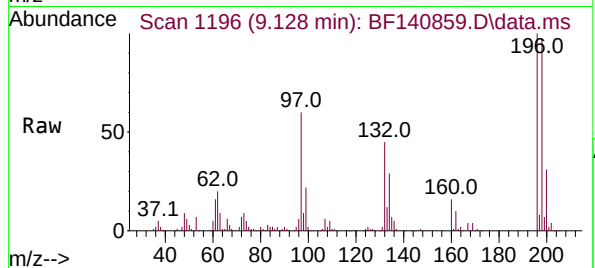
Tgt Ion:196 Resp: 130363

Ion Ratio Lower Upper

196 100

198 96.7 77.4 116.0

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.395 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:196 Resp: 142411

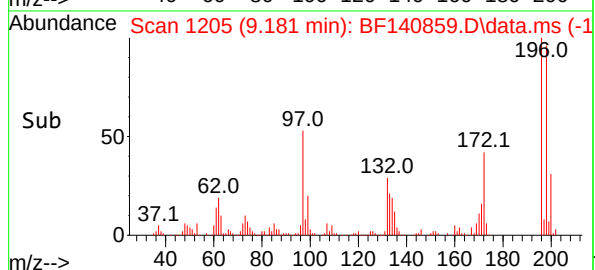
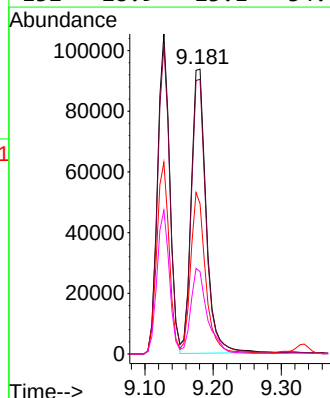
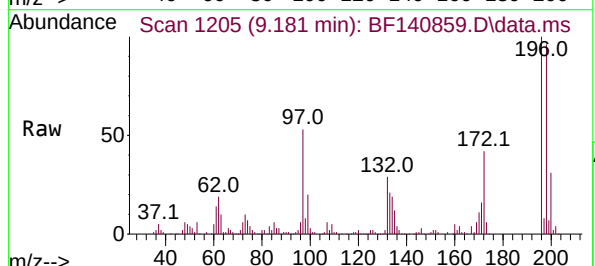
Ion Ratio Lower Upper

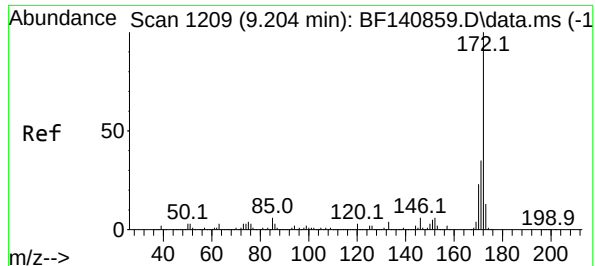
196 100

198 96.5 77.2 115.8

97 52.8 42.2 63.4

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 75.290 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

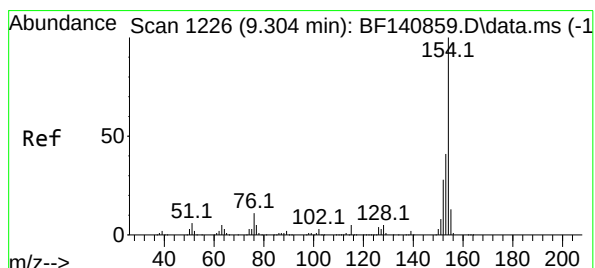
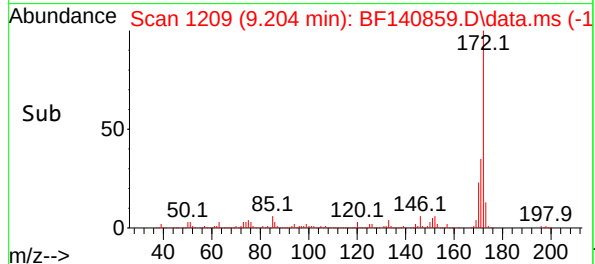
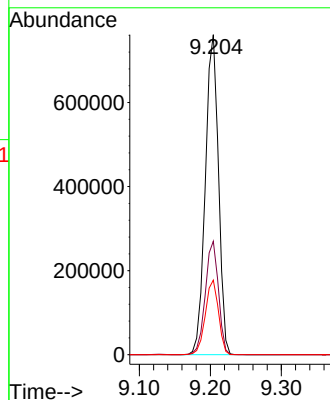
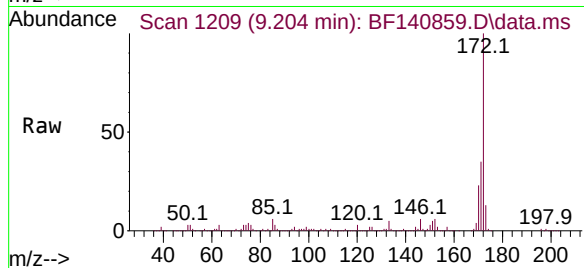
Tgt Ion:172 Resp: 981889

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.044 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

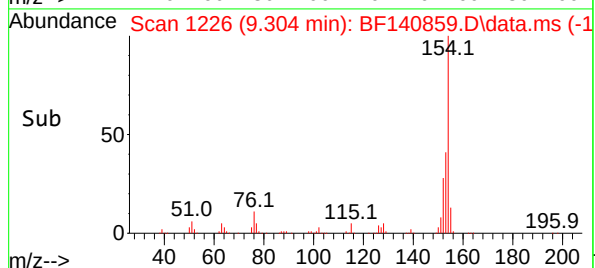
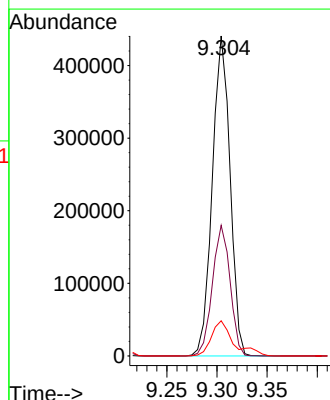
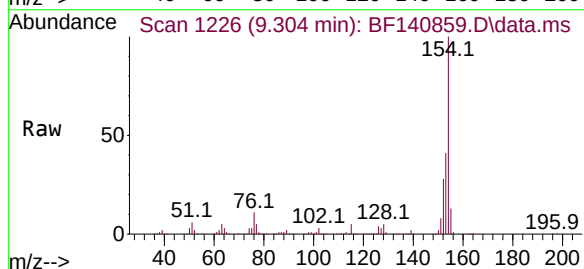
Tgt Ion:154 Resp: 542419

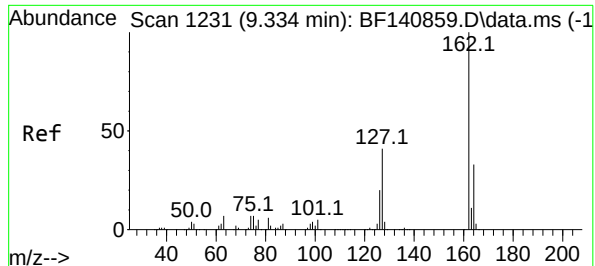
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 38.447 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

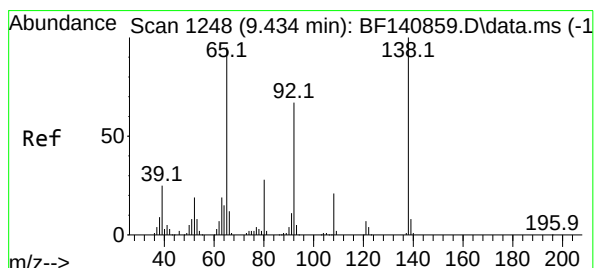
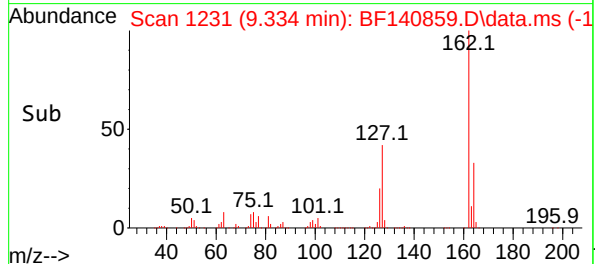
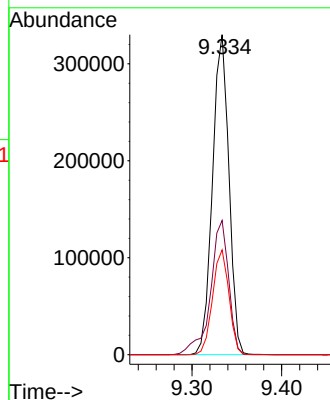
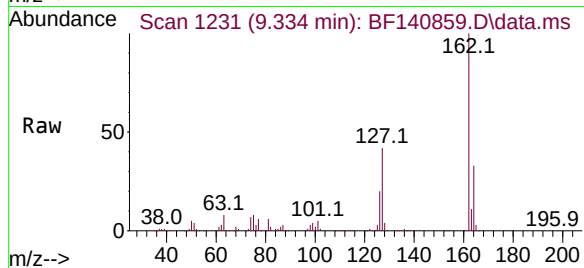
Tgt Ion:162 Resp: 419357

Ion Ratio Lower Upper

162 100

127 41.9 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 38.984 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

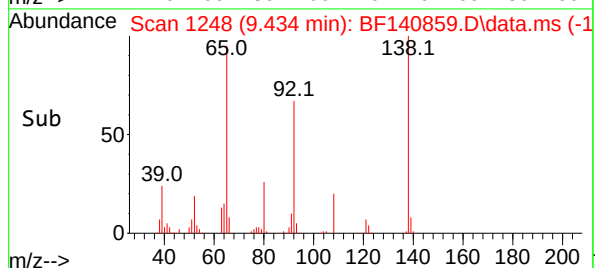
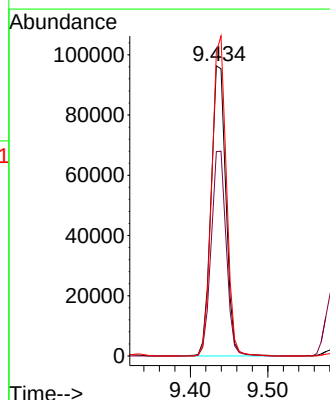
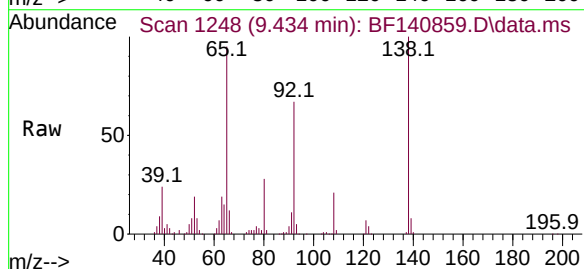
Tgt Ion: 65 Resp: 128421

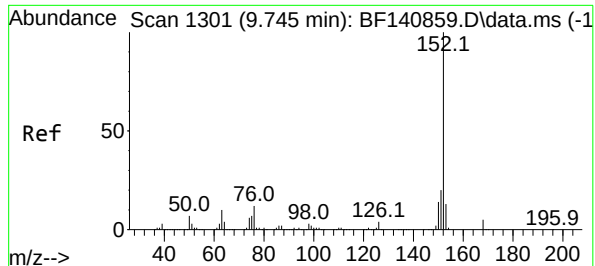
Ion Ratio Lower Upper

65 100

92 70.4 56.3 84.5

138 104.7 83.8 125.6





#49

Acenaphthylene

Concen: 38.790 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

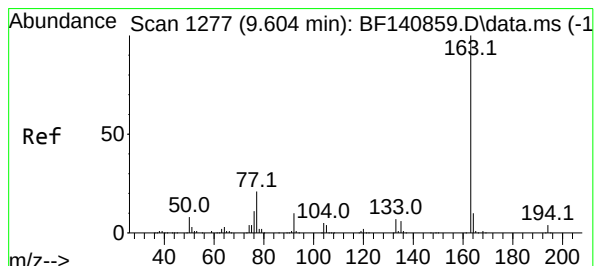
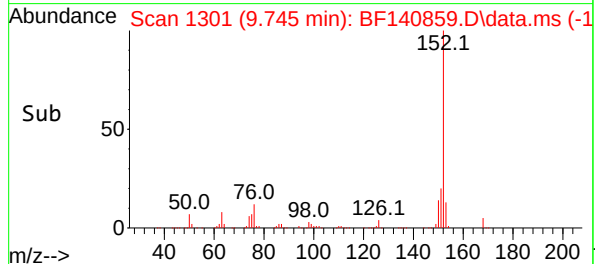
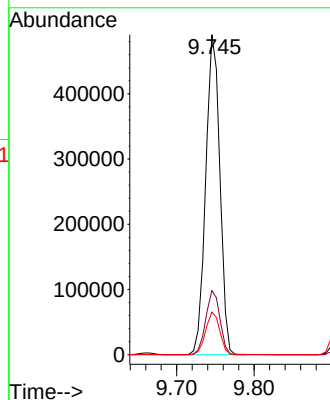
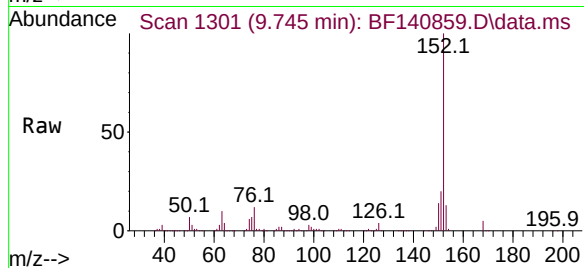
Tgt Ion:152 Resp: 621763

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 38.566 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

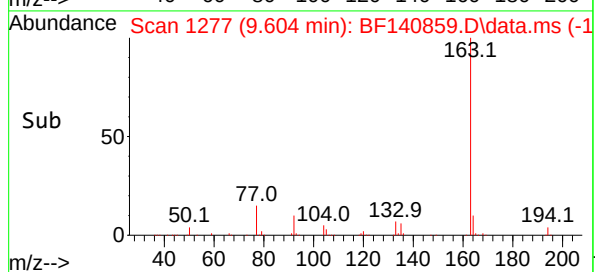
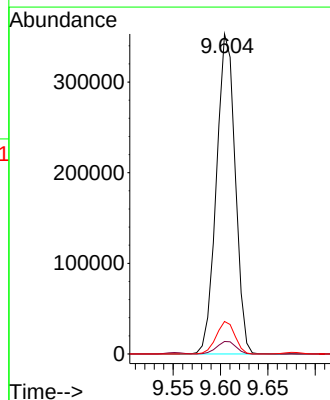
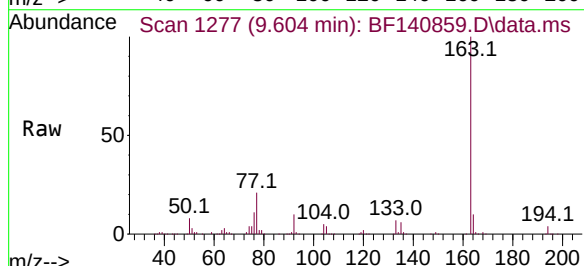
Tgt Ion:163 Resp: 487517

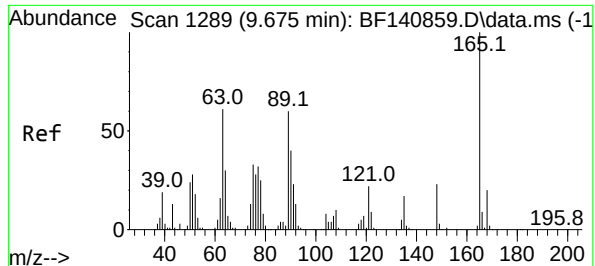
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 38.752 ng

RT: 9.675 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

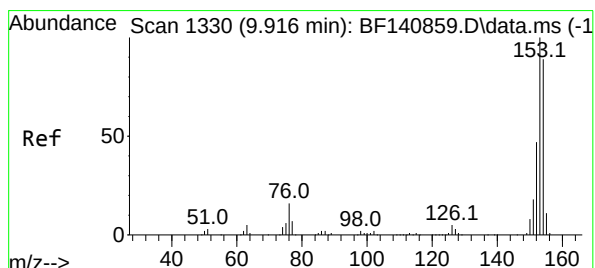
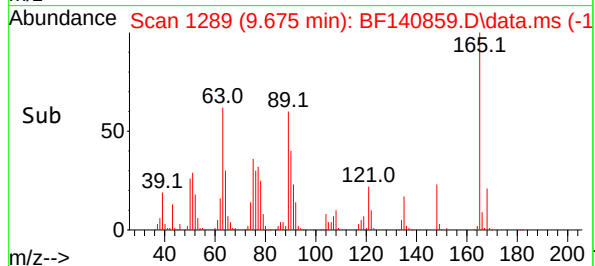
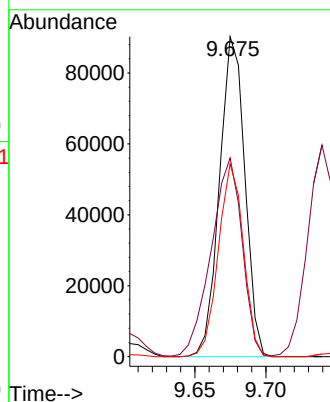
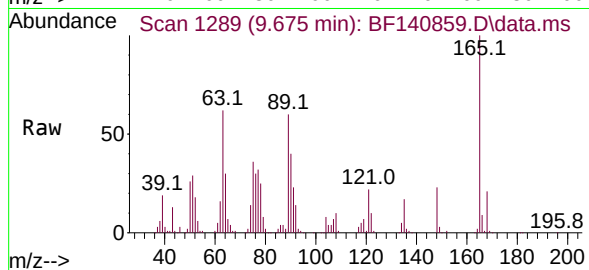
Tgt Ion:165 Resp: 111990

Ion Ratio Lower Upper

165 100

63 62.1 49.7 74.5

89 60.3 48.2 72.4



#52

Acenaphthene

Concen: 38.965 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

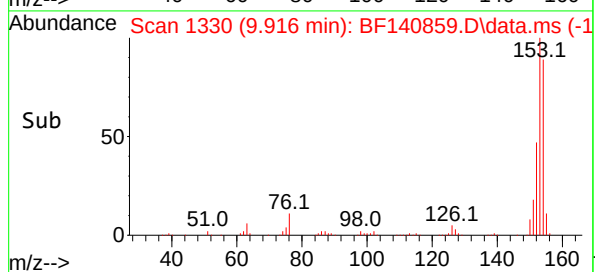
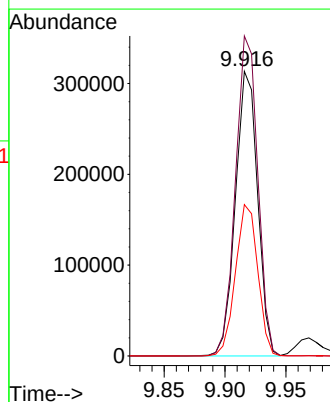
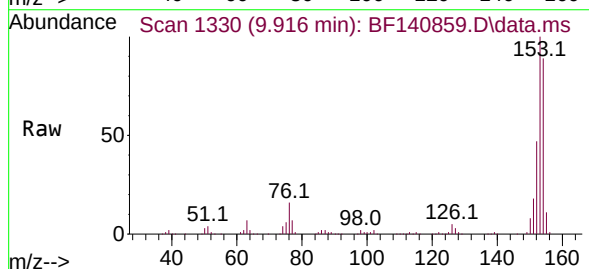
Tgt Ion:154 Resp: 398965

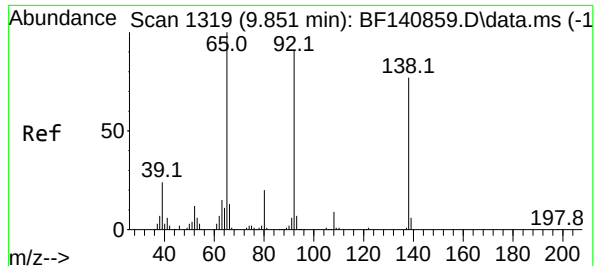
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 53.2 42.6 63.8

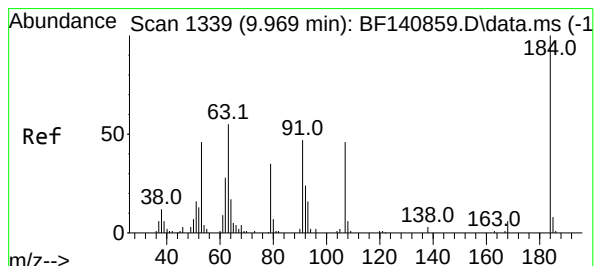
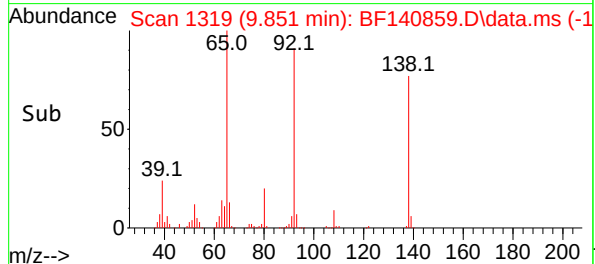
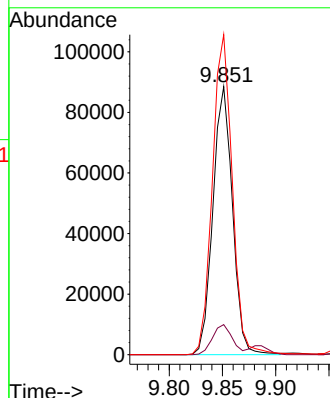
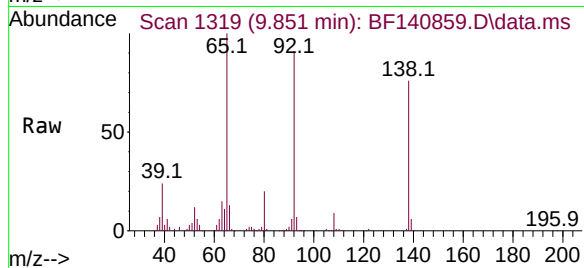




#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

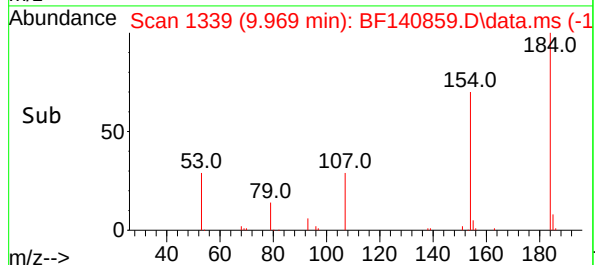
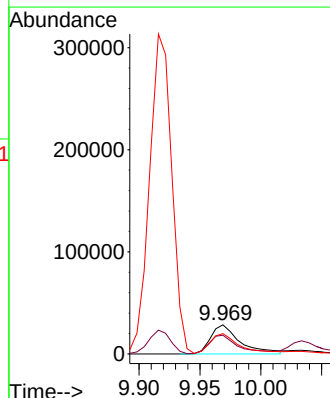
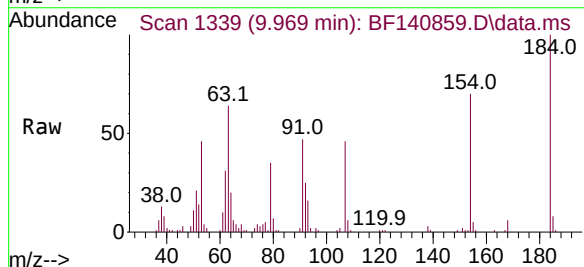
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

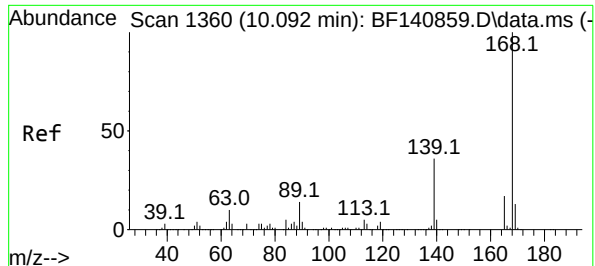
Tgt Ion:138 Resp: 113227
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 119.4 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 37.788 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:184 Resp: 47982
Ion Ratio Lower Upper
184 100
63 64.5 51.6 77.4
154 70.1 56.1 84.1





#55

Dibenzenofuran

Concen: 39.066 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

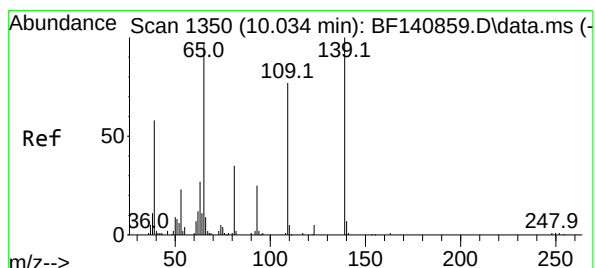
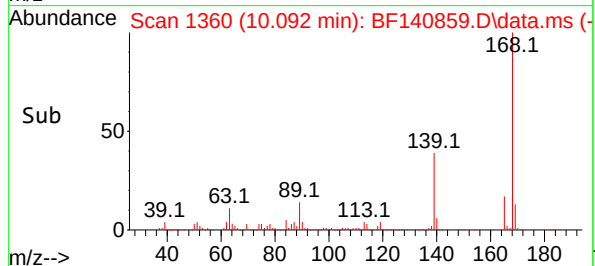
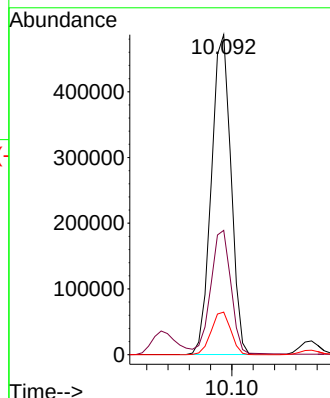
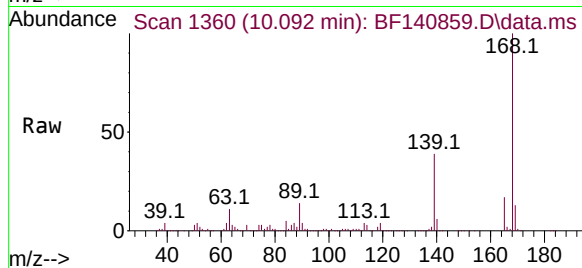
Tgt Ion:168 Resp: 619833

Ion Ratio Lower Upper

168 100

139 38.9 31.1 46.7

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 40.590 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

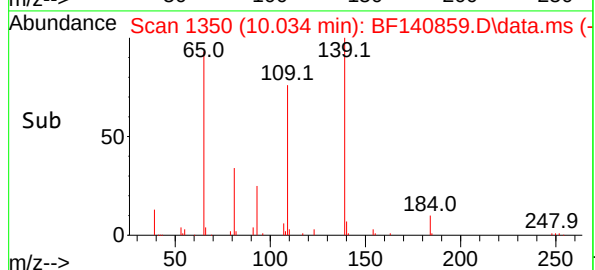
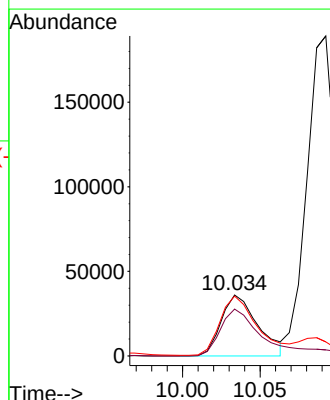
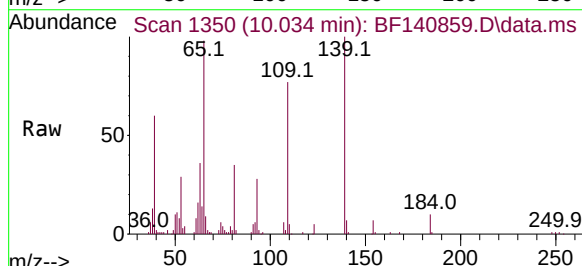
Tgt Ion:139 Resp: 59043

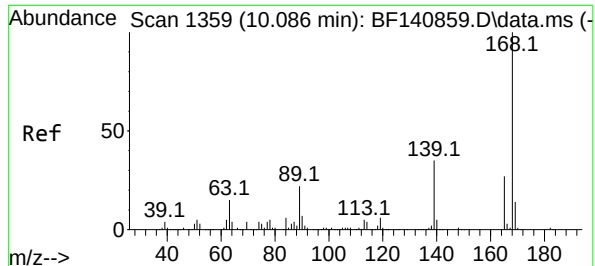
Ion Ratio Lower Upper

139 100

109 76.7 56.7 96.7

65 98.1 78.1 118.1

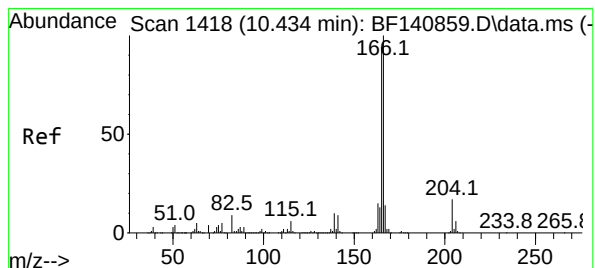
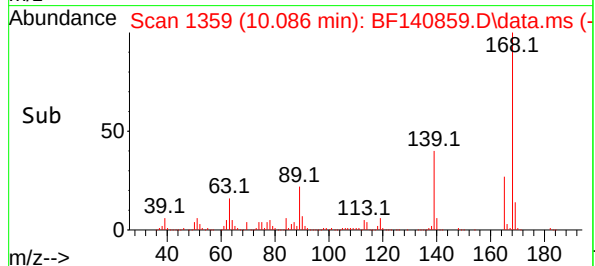
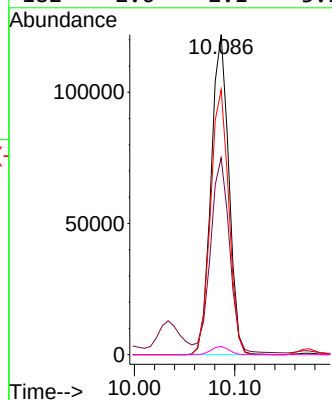
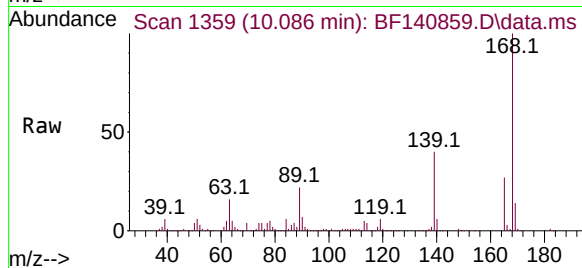




#57
2,4-Dinitrotoluene
Concen: 39.502 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

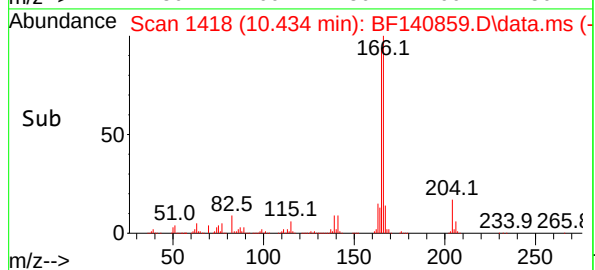
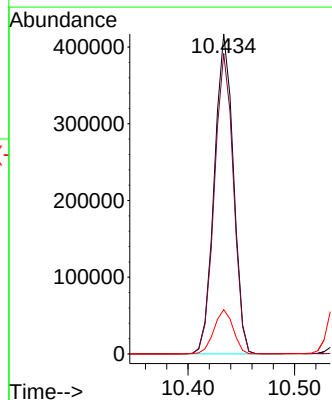
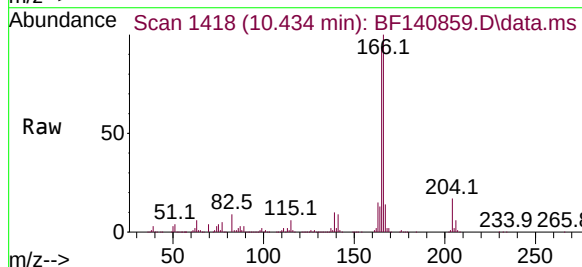
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

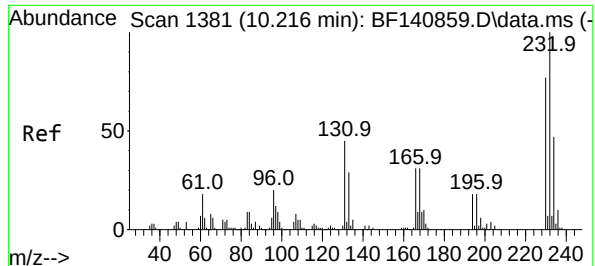
Tgt Ion:165 Resp: 150199
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 82.8 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 39.568 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

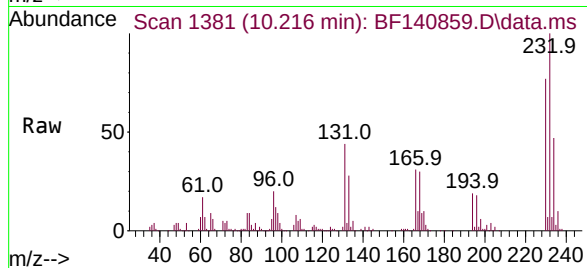
Tgt Ion:166 Resp: 517920
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.9 11.1 16.7



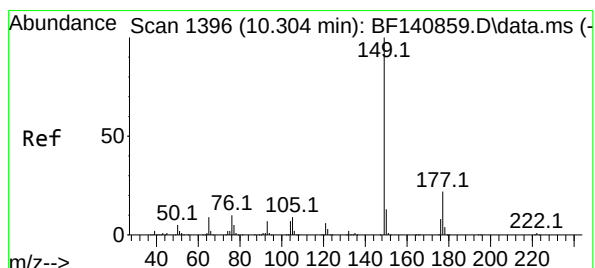
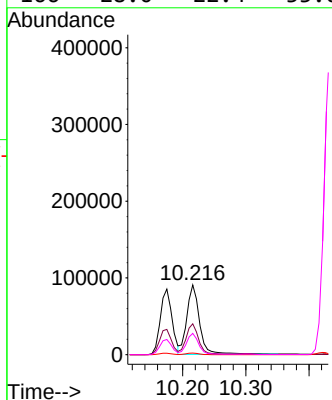
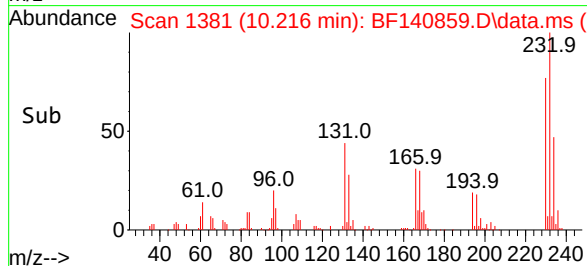


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.028 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

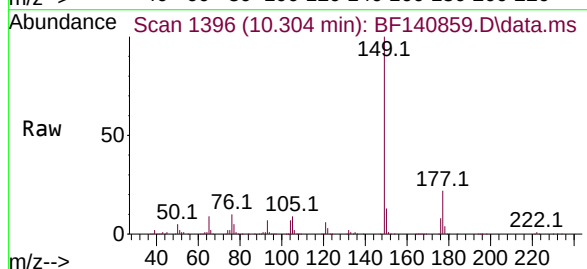
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



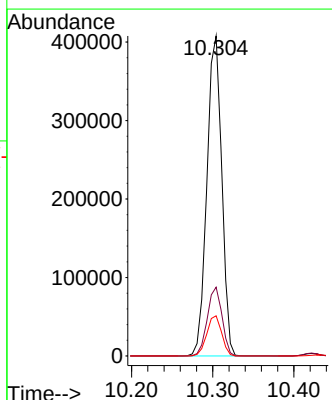
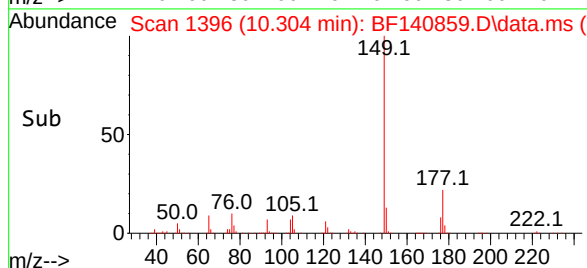
Tgt Ion:232 Resp: 127023
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.3 1.8 2.8
166 28.0 22.4 33.6

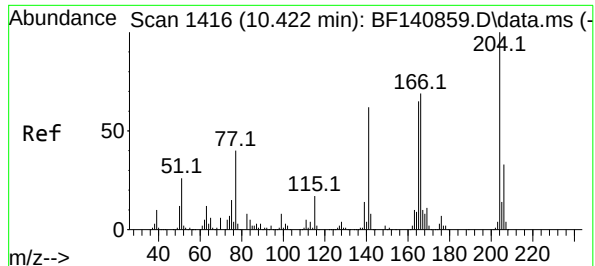


#60
Diethylphthalate
Concen: 39.375 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26



Tgt Ion:149 Resp: 516146
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.6 10.1 15.1

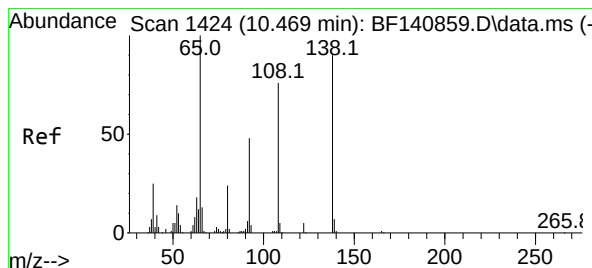
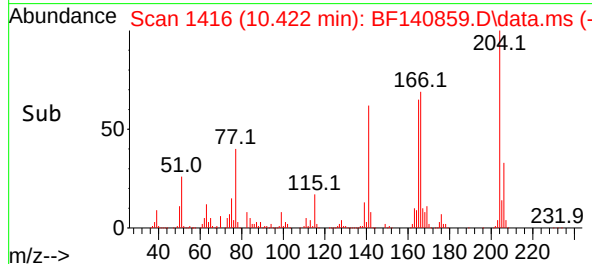
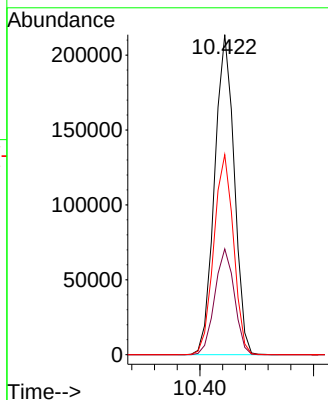
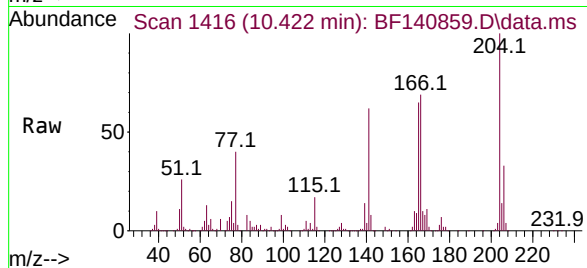




#61
4-Chlorophenyl-phenylether
Concen: 39.062 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

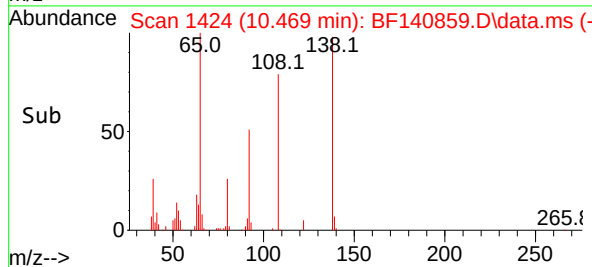
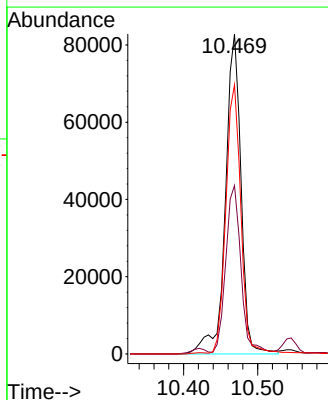
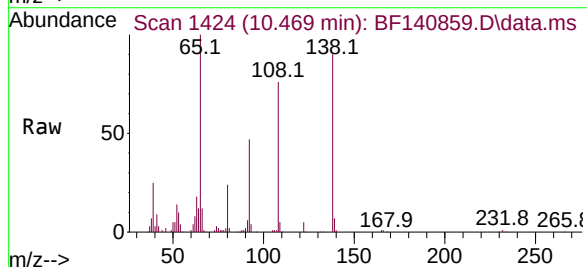
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

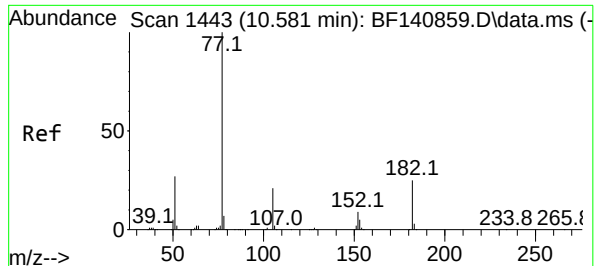
Tgt Ion:204 Resp: 256836
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.5 50.0 75.0



#62
4-Nitroaniline
Concen: 40.423 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:138 Resp: 121143
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 84.1 64.1 104.1

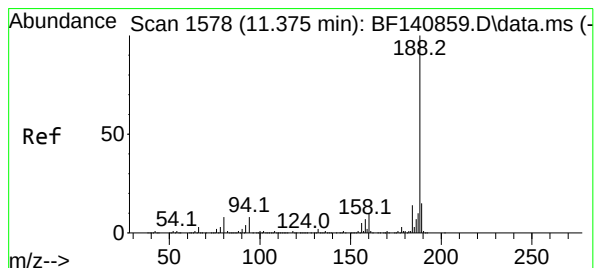
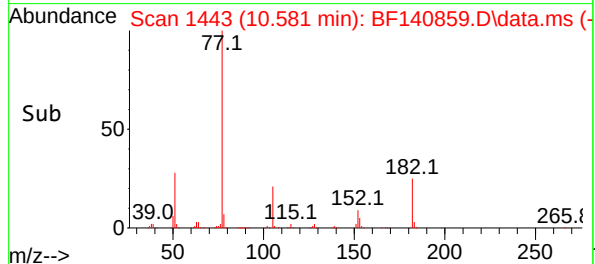
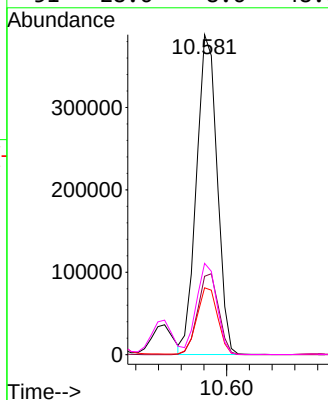
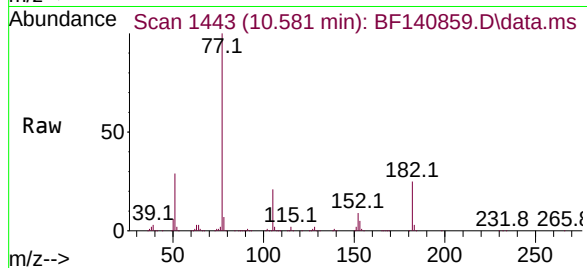




#63
Azobenzene
Concen: 39.821 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

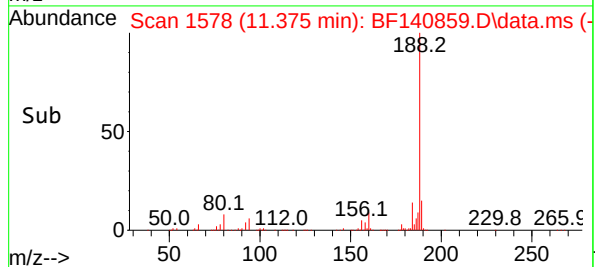
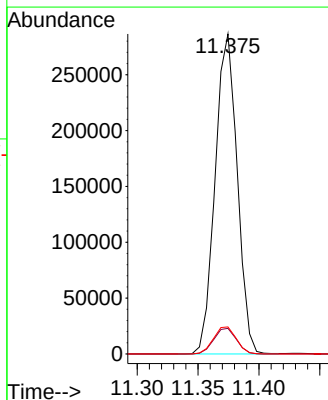
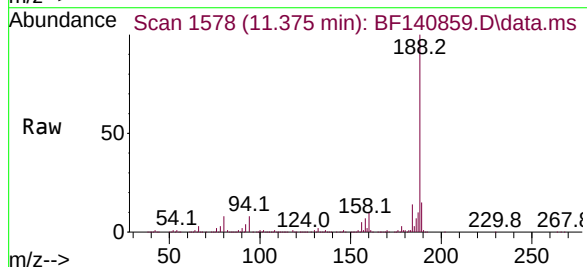
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

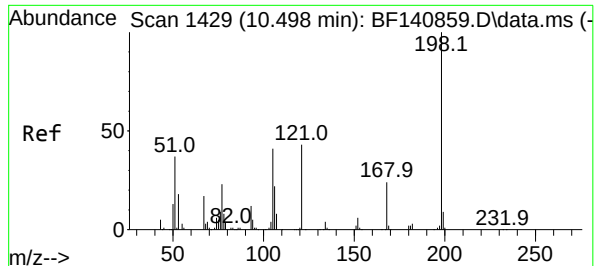
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.5	44.5
105	20.9	0.9	40.9
51	28.6	8.6	48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.5	6.8	10.2

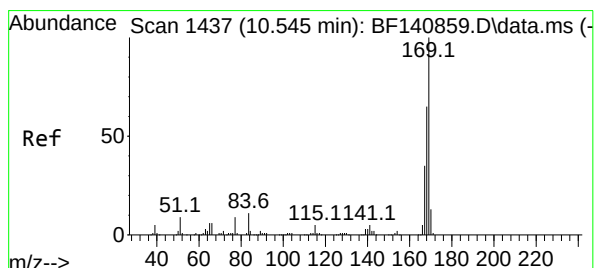
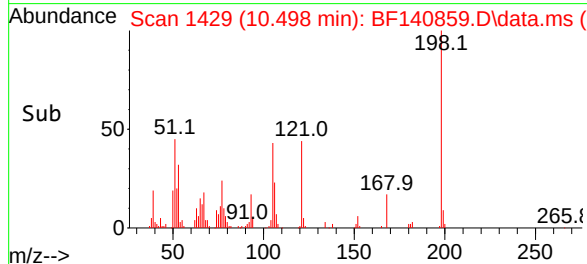
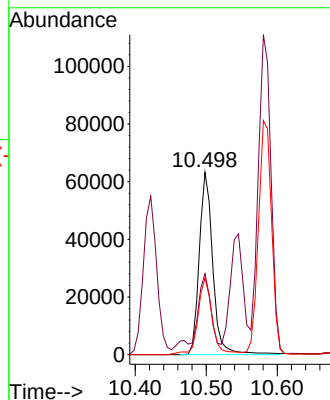
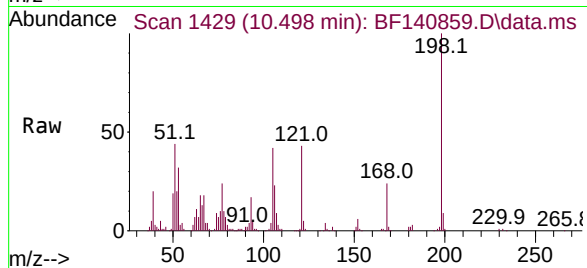




#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

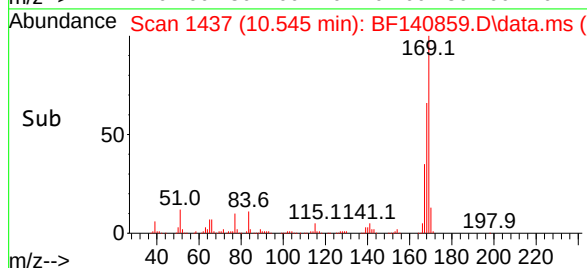
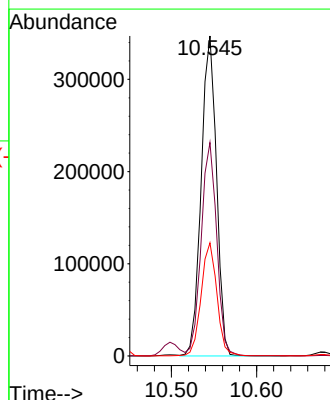
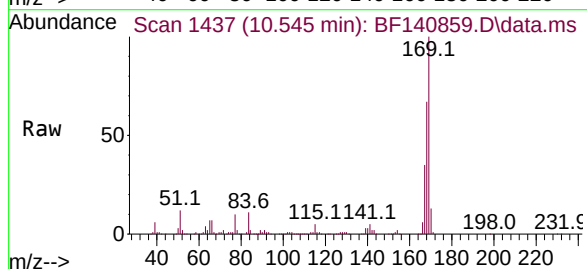
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

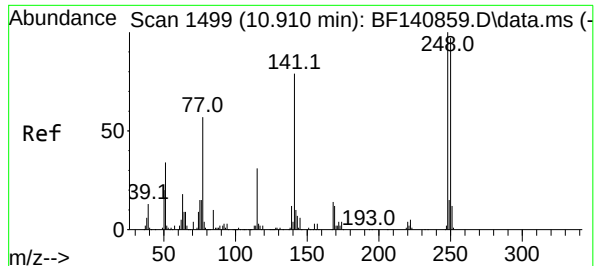
Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.4	24.4	64.4
105	42.1	22.1	62.1



#66
n-Nitrosodiphenylamine
Concen: 38.947 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	35.4	28.3	42.5

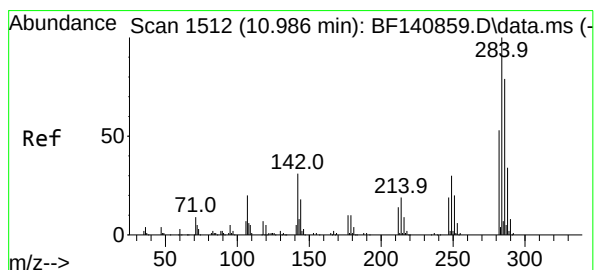
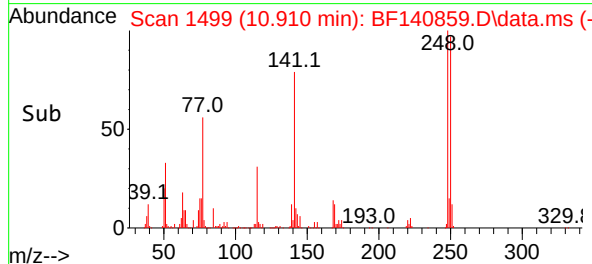
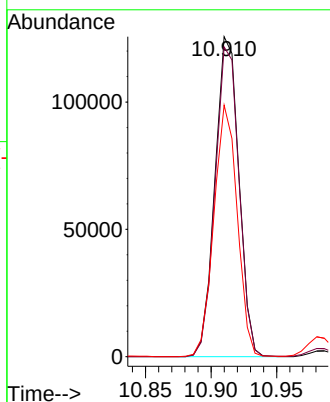
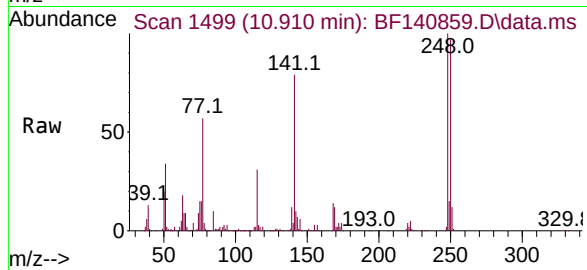




#67
4-Bromophenyl-phenylether
Concen: 39.307 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

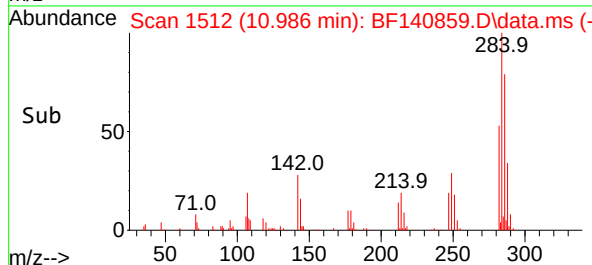
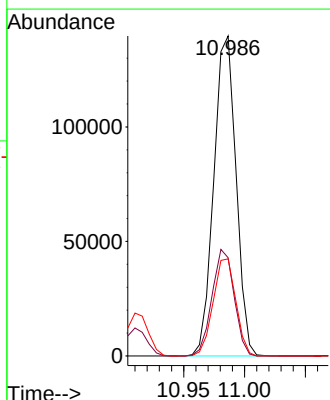
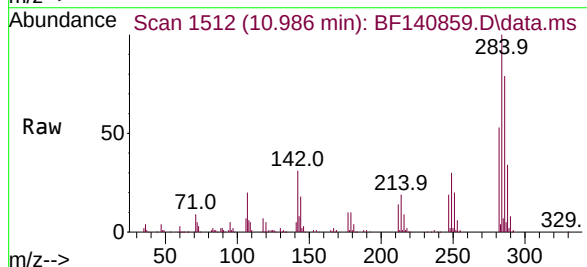
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

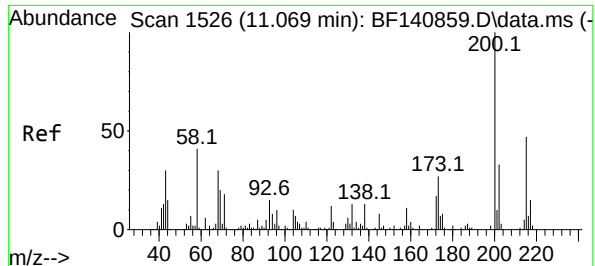
Tgt Ion:248 Resp: 159117
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 78.6 62.9 94.3



#68
Hexachlorobenzene
Concen: 38.742 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:284 Resp: 177811
Ion Ratio Lower Upper
284 100
142 30.7 24.6 36.8
249 30.4 24.3 36.5

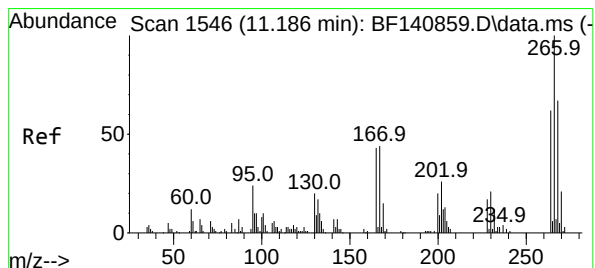
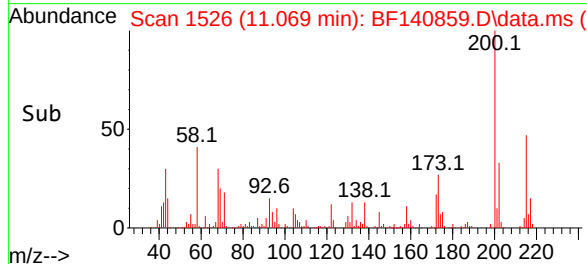
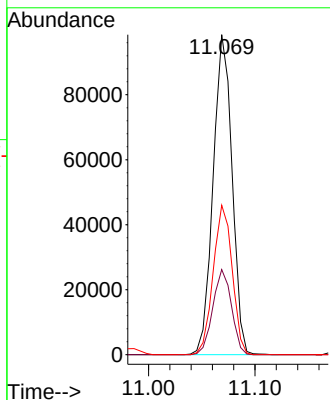
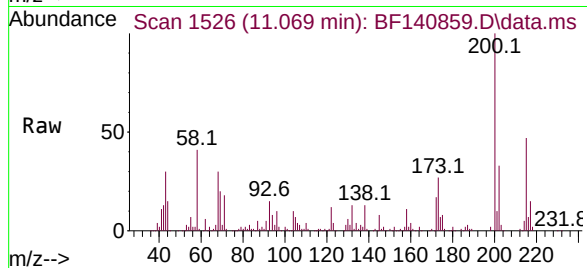




#69
Atrazine
Concen: 39.101 ng
RT: 11.069 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

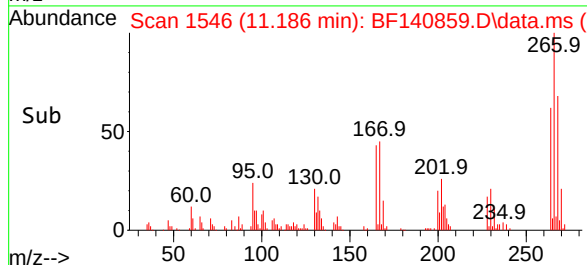
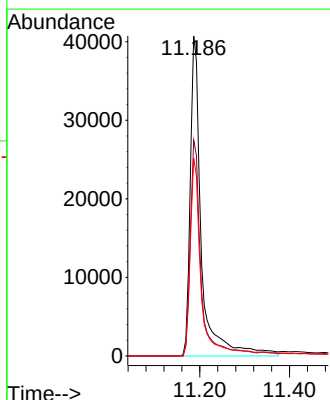
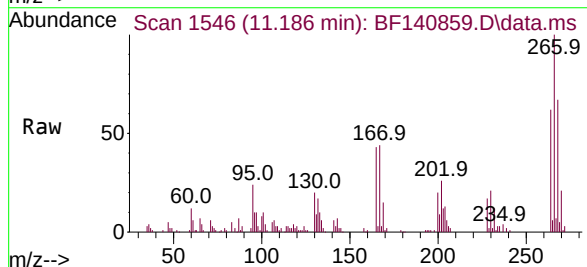
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

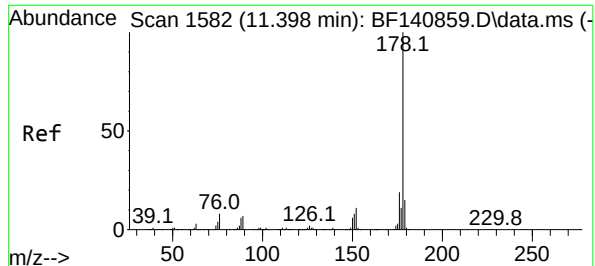
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	46.7	26.7	66.7



#70
Pentachlorophenol
Concen: 42.072 ng
RT: 11.186 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	54.0	81.0
264	61.8	49.4	74.2

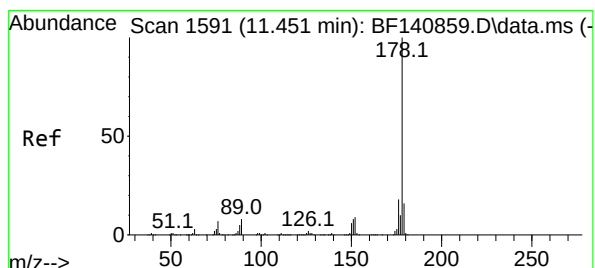
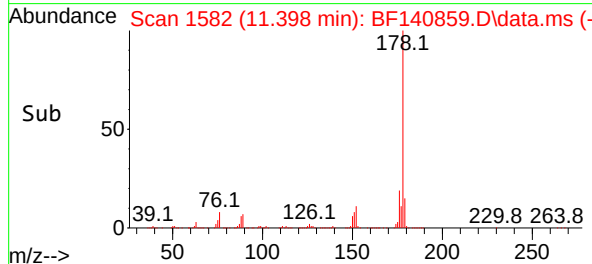
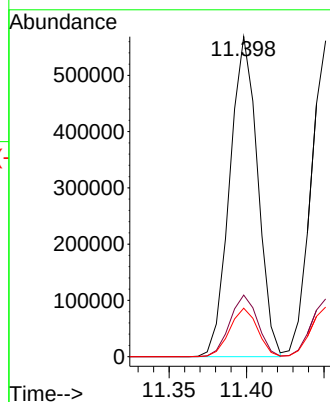
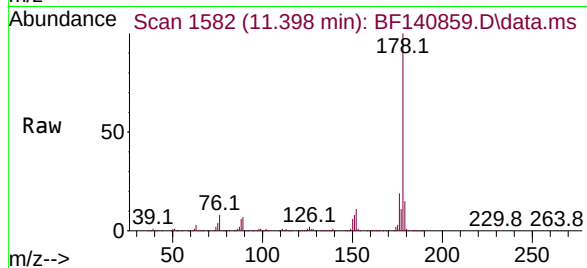




#71
Phenanthrene
Concen: 38.248 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

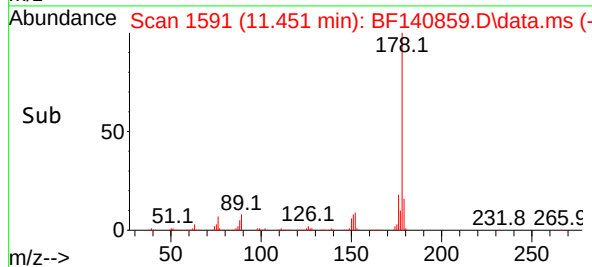
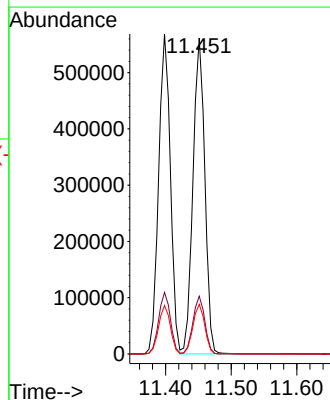
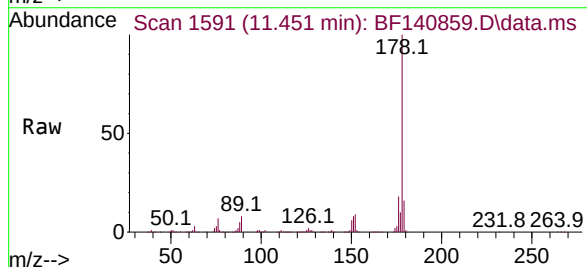
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

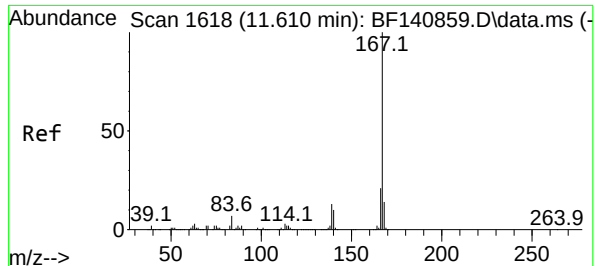
Tgt Ion:178 Resp: 711714
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.1 18.1



#72
Anthracene
Concen: 38.326 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:178 Resp: 702321
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.7 12.6 18.8

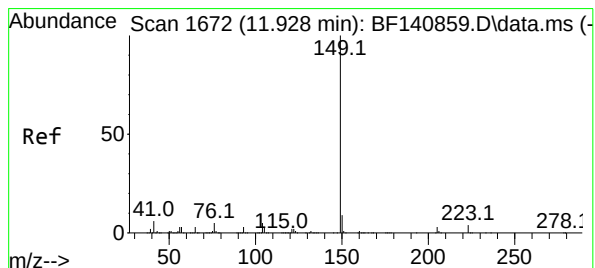
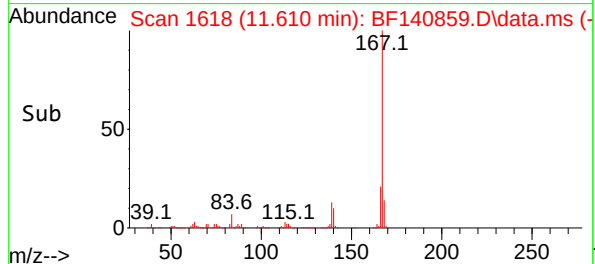
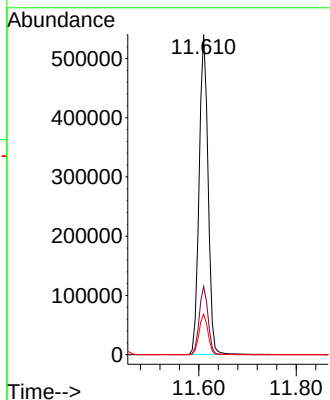
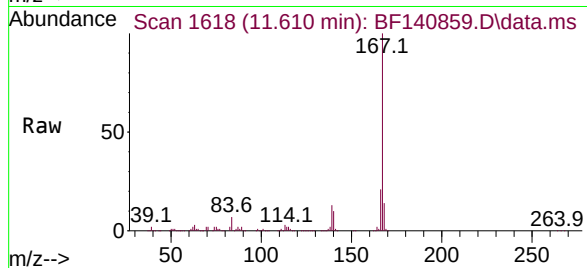




#73
Carbazole
Concen: 38.392 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

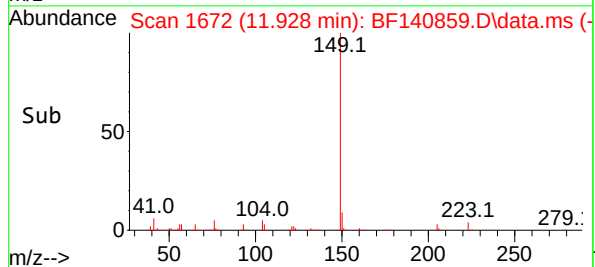
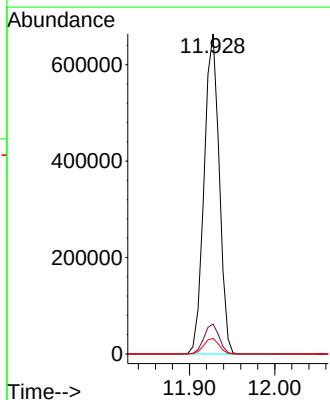
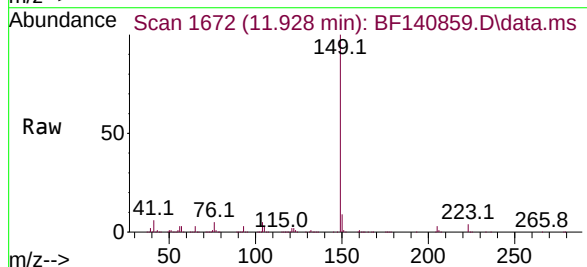
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

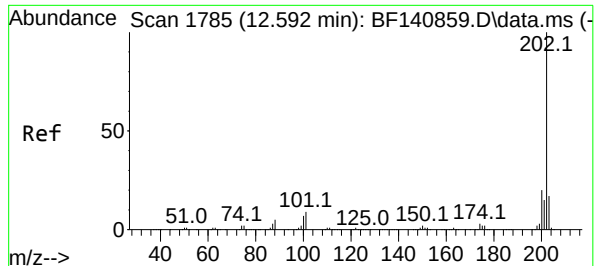
Tgt Ion:167 Resp: 689096
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.7 10.2 15.2



#74
Di-n-butylphthalate
Concen: 38.782 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 816942
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.8 3.8 5.8

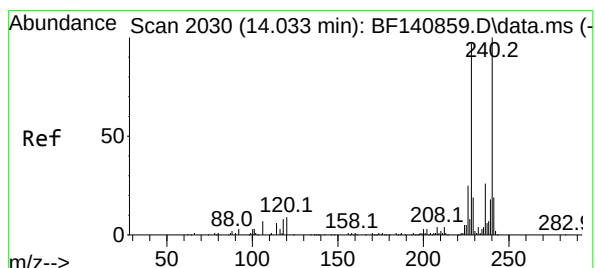
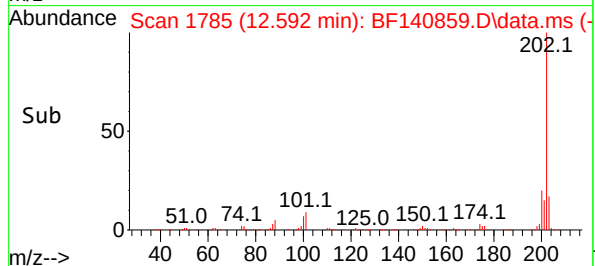
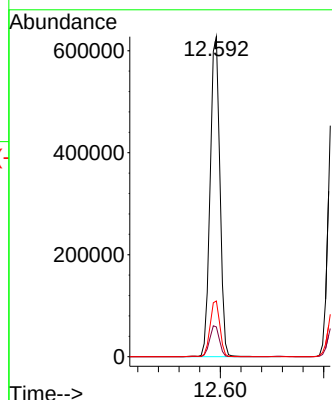
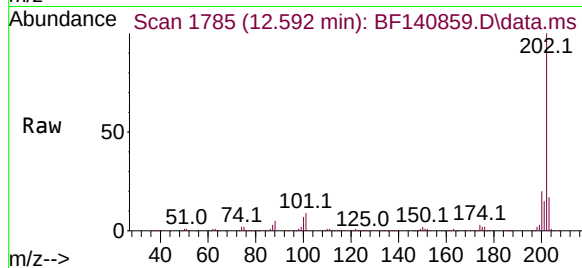




#75
Fluoranthene
Concen: 38.159 ng
RT: 12.592 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

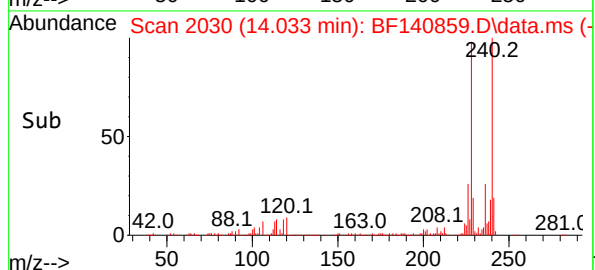
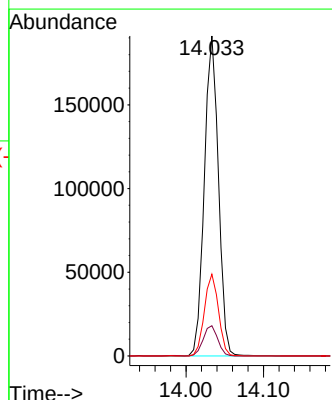
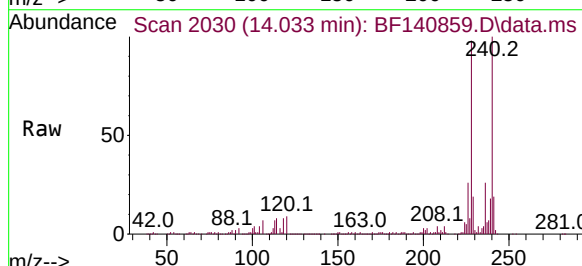
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

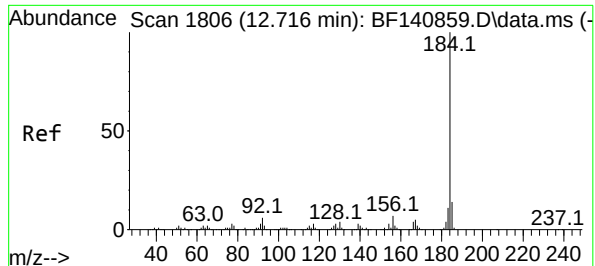
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.3
203	17.4	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	25.6	20.5	30.7





#77

Benzidine

Concen: 39.598 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

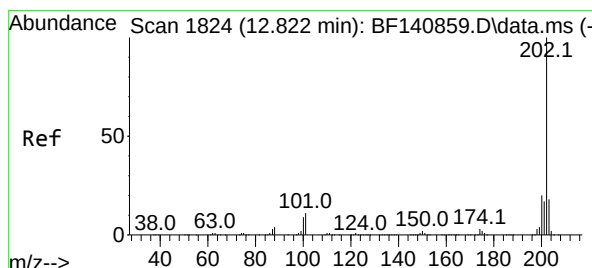
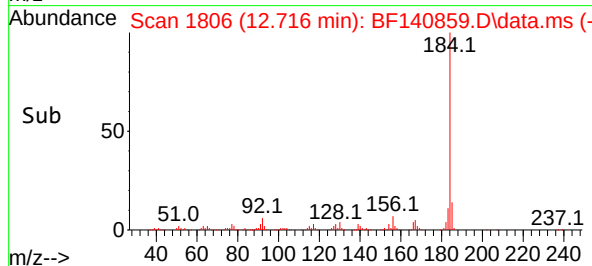
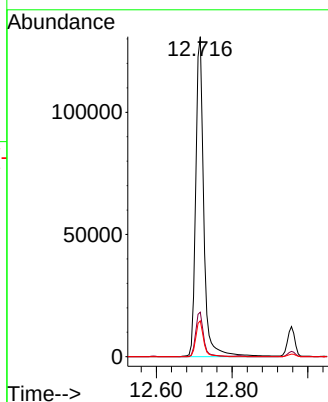
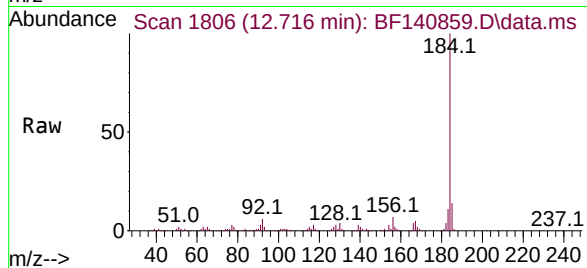
Tgt Ion:184 Resp: 194791

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.2 9.0 13.4



#78

Pyrene

Concen: 38.208 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

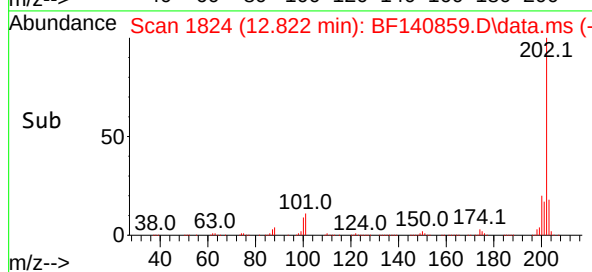
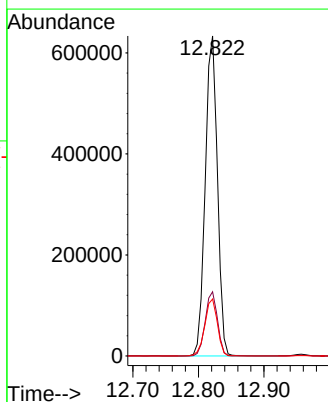
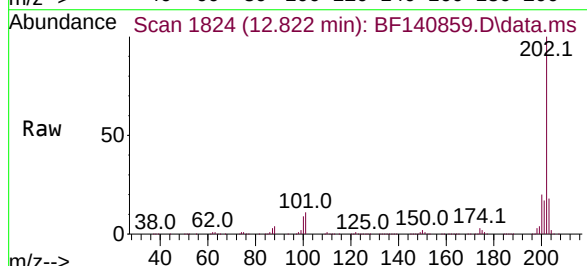
Tgt Ion:202 Resp: 818937

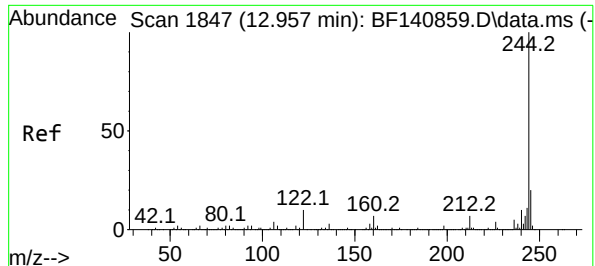
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 76.093 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

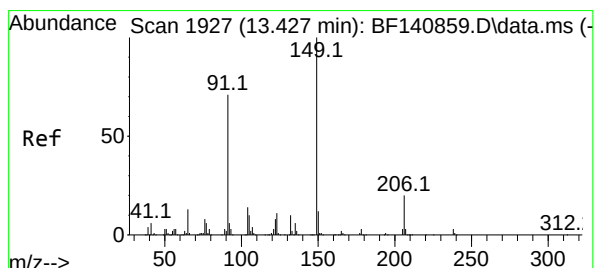
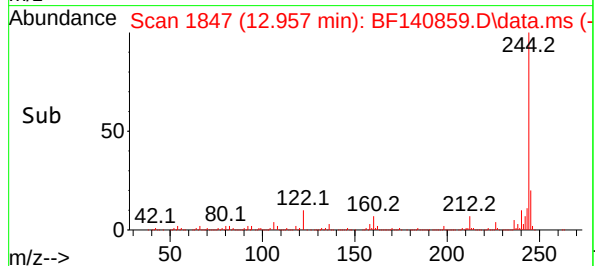
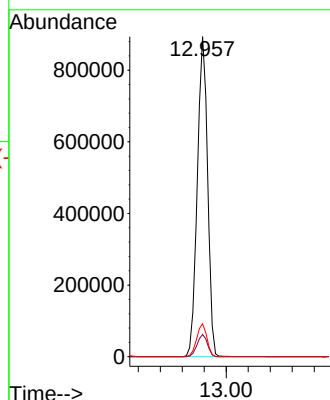
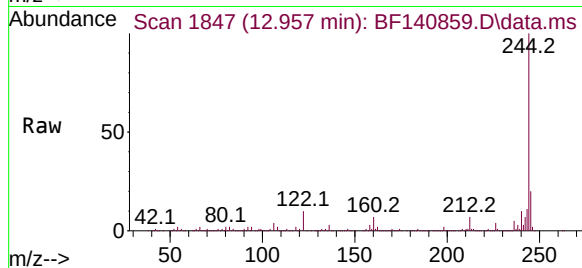
Tgt Ion:244 Resp: 1163098

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 39.493 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

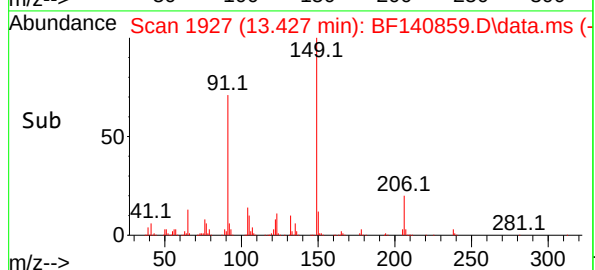
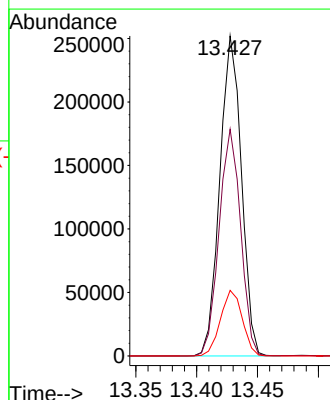
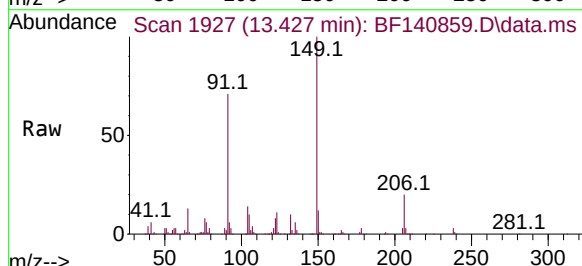
Tgt Ion:149 Resp: 311465

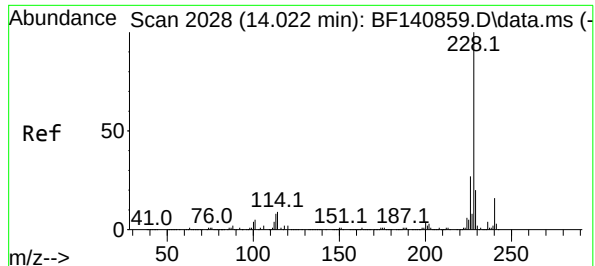
Ion Ratio Lower Upper

149 100

91 70.9 56.7 85.1

206 20.5 16.4 24.6

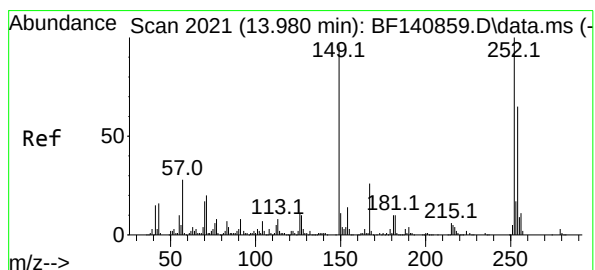
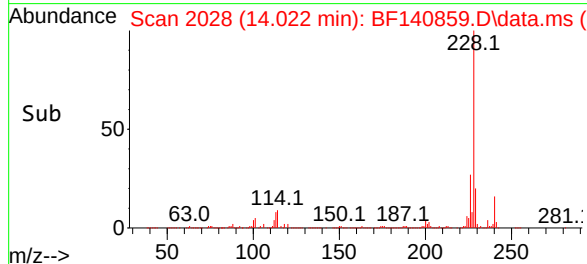
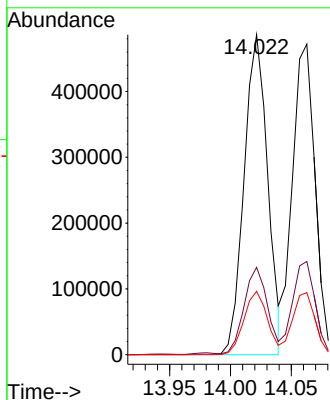
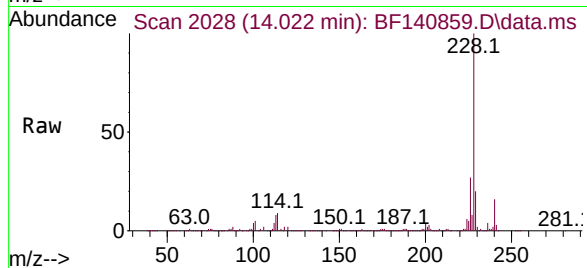




#81
Benzo(a)anthracene
Concen: 38.340 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

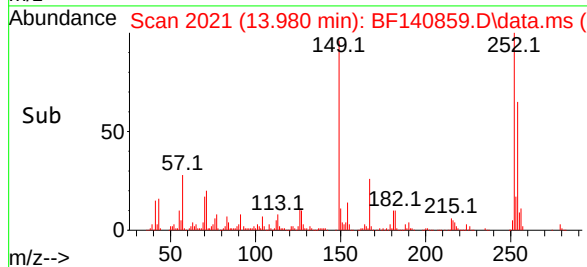
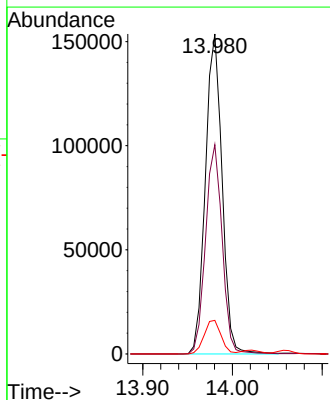
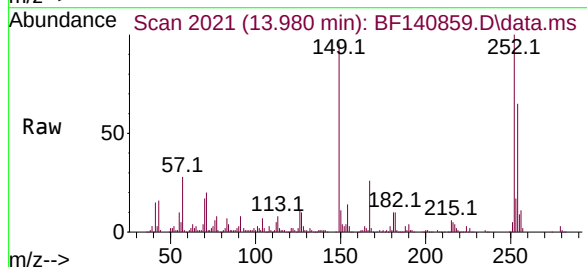
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

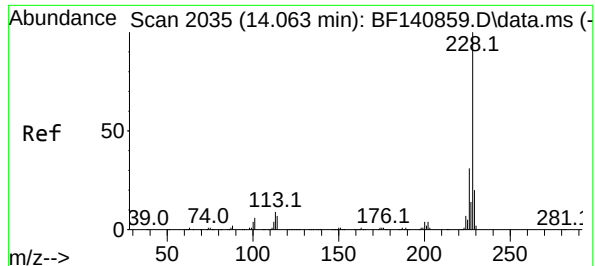
Tgt Ion:228 Resp: 654937
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.511 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:252 Resp: 198481
Ion Ratio Lower Upper
252 100
254 65.4 52.3 78.5
126 10.5 8.4 12.6

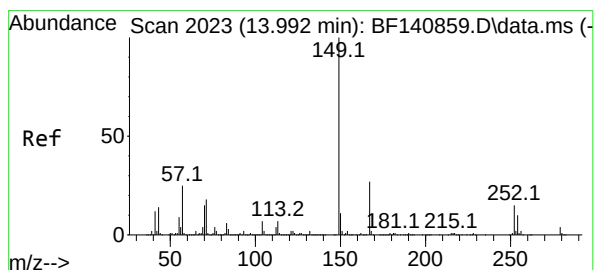
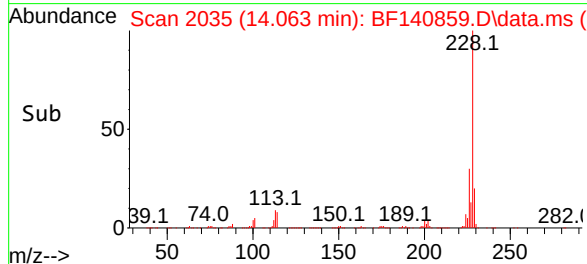
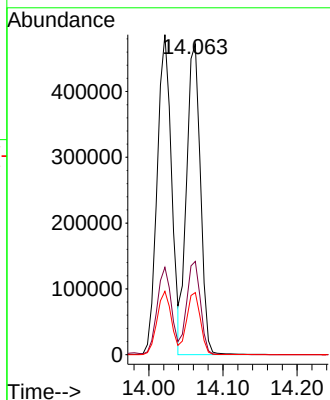
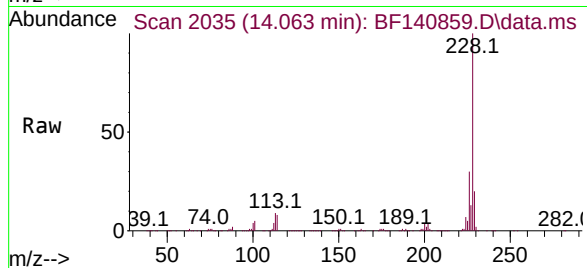




#83
Chrysene
Concen: 39.430 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

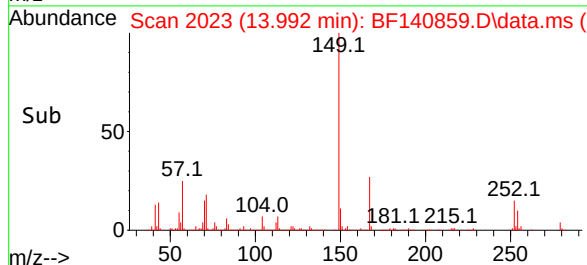
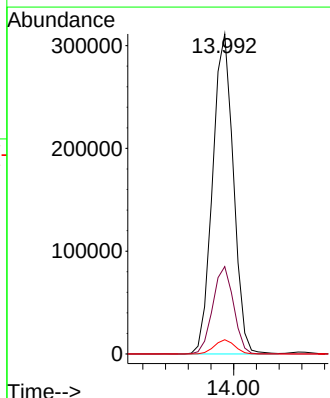
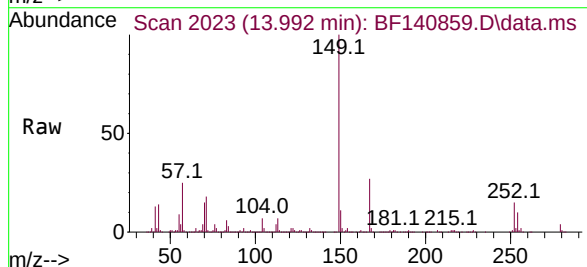
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

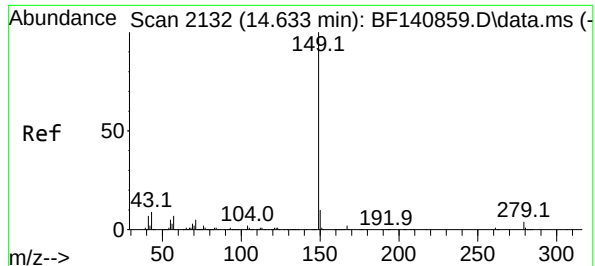
Tgt Ion:228 Resp: 612484
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.939 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 395970
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.4 3.5 5.3

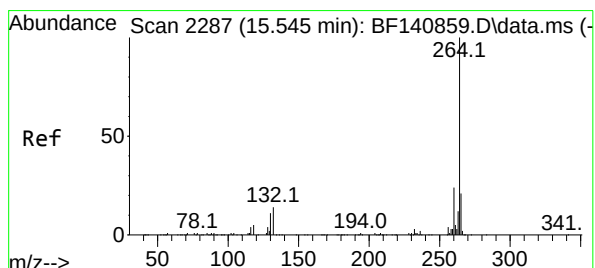
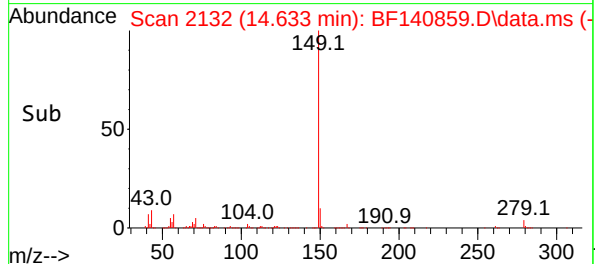
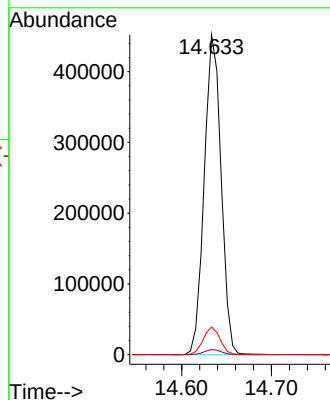
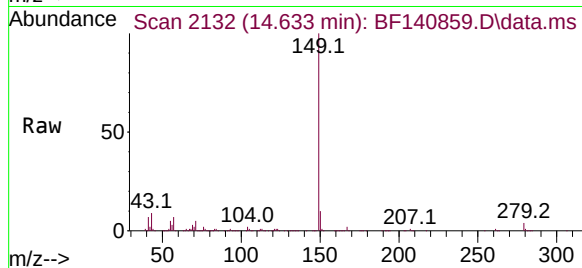




#85
Di-n-octyl phthalate
Concen: 38.326 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

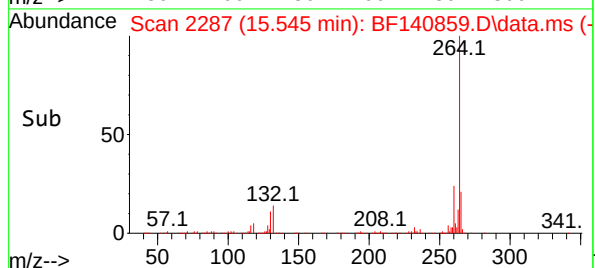
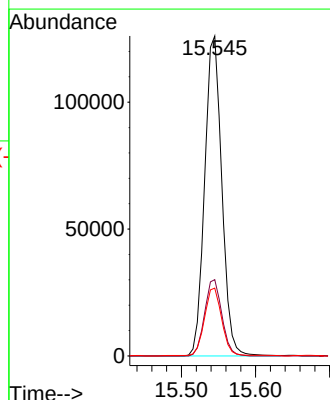
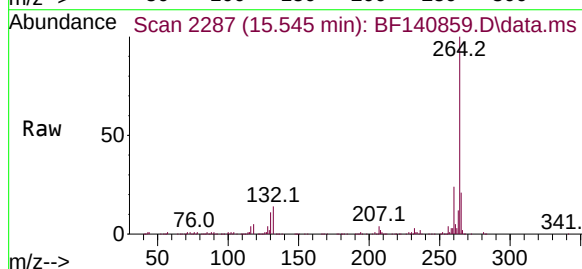
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

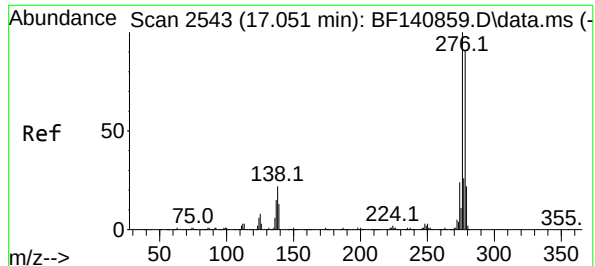
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.0	10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.2	17.0	25.4

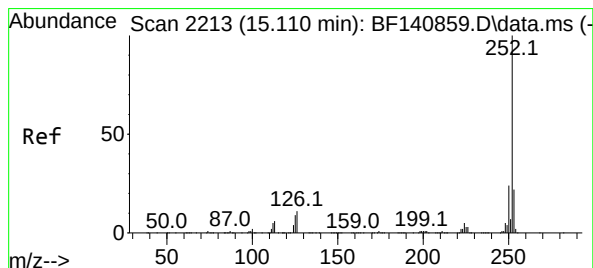
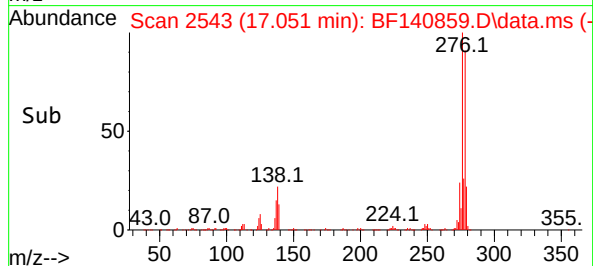
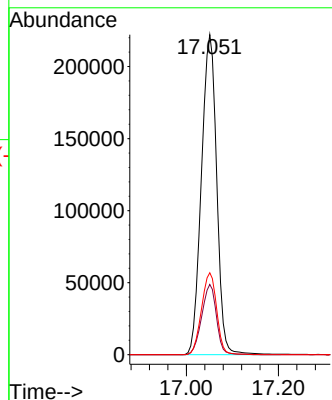
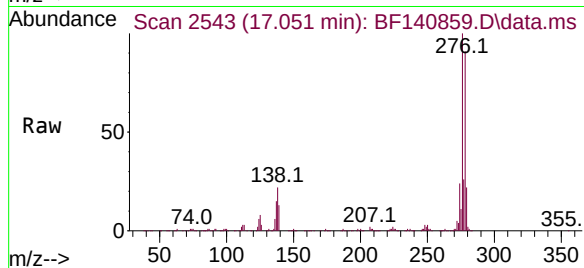




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.662 ng
RT: 17.051 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

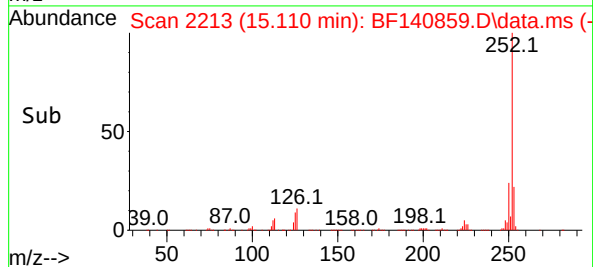
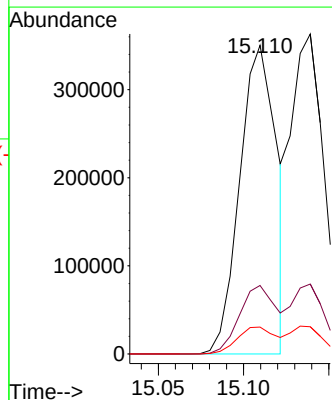
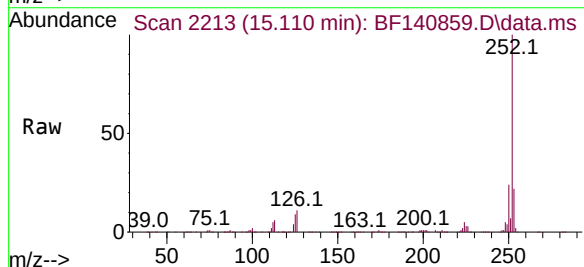
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

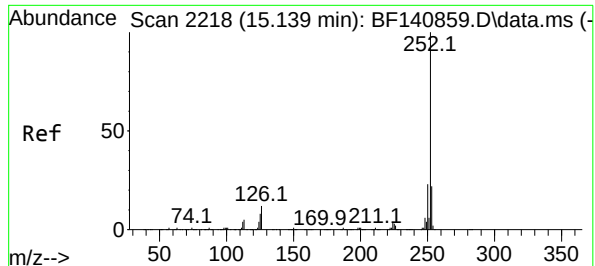
Tgt Ion:276 Resp: 514416
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 37.283 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:252 Resp: 524660
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 41.115 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

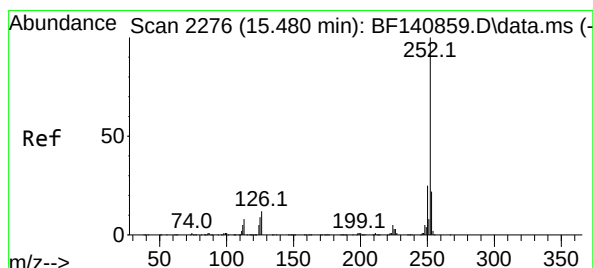
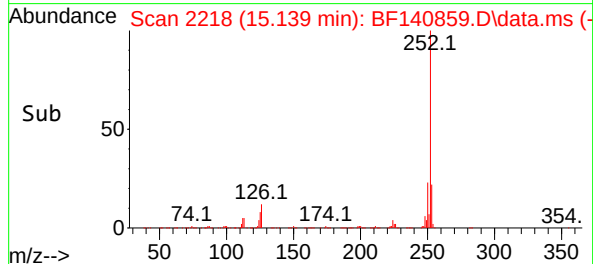
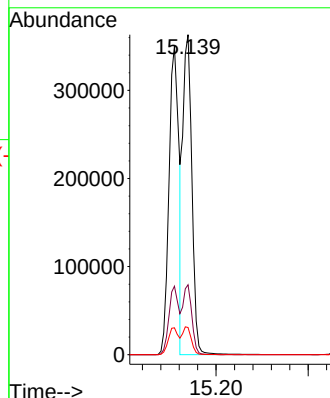
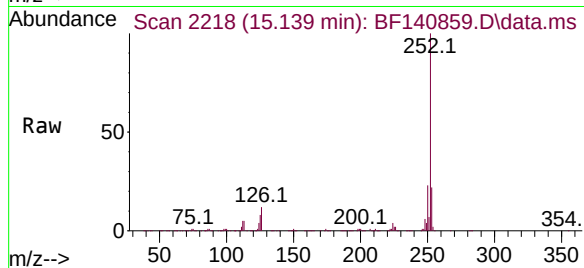
Tgt Ion:252 Resp: 496310

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.5 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.478 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

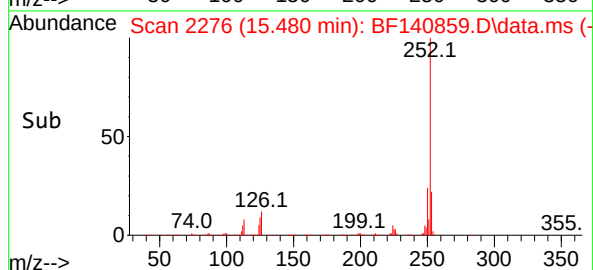
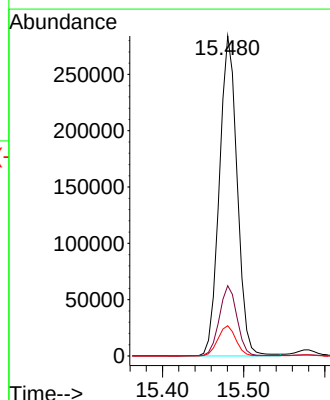
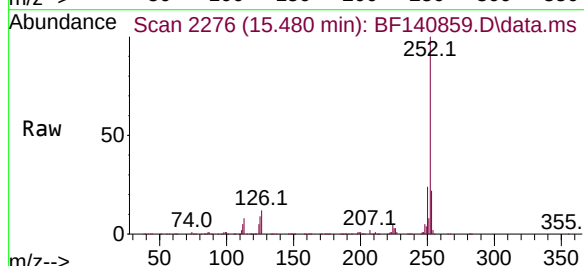
Tgt Ion:252 Resp: 435015

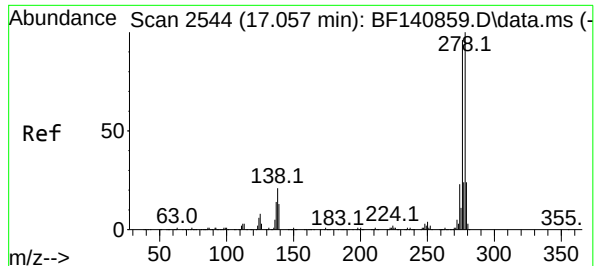
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 40.931 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

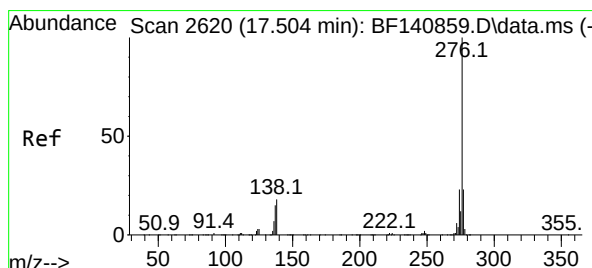
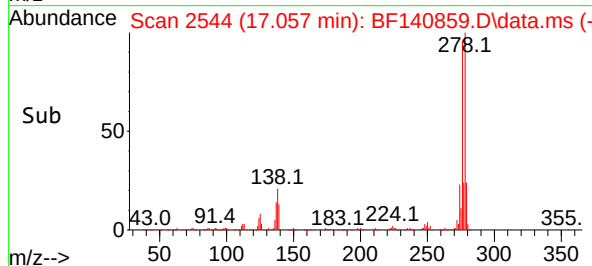
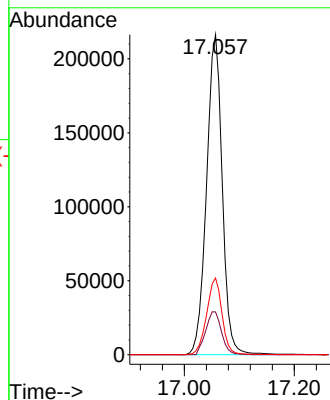
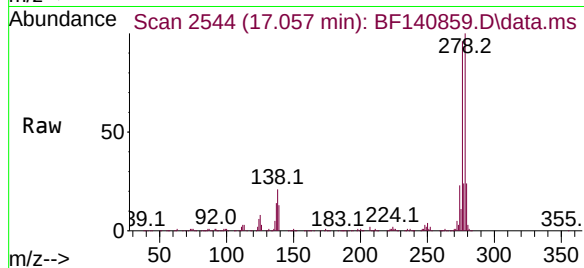
Tgt Ion:278 Resp: 428983

Ion Ratio Lower Upper

278 100

139 13.3 10.6 16.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.771 ng

RT: 17.504 min Scan# 2620

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

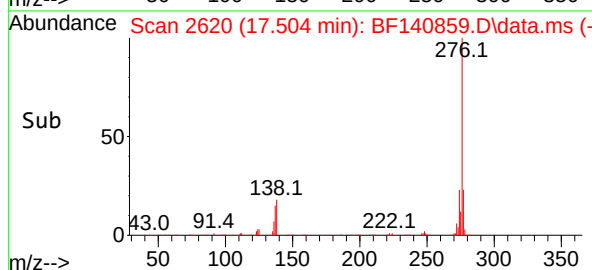
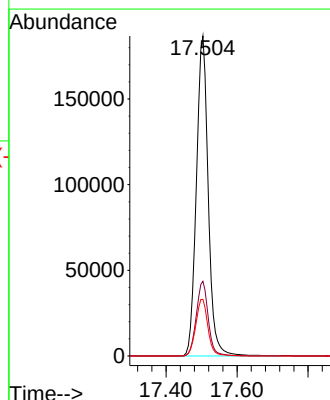
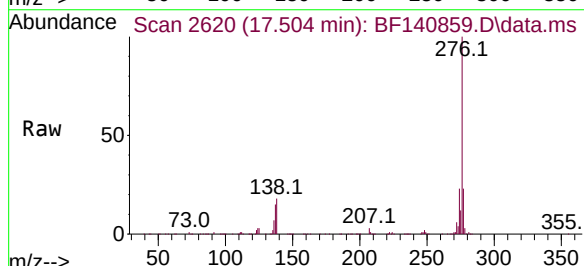
Tgt Ion:276 Resp: 434898

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 17.7 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140860.D
 Acq On : 16 Dec 2024 15:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 16 16:50:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	76886	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	285955	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	172713	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	351718	20.000	ng	0.00
76) Chrysene-d12	14.033	240	231973	20.000	ng	0.00
86) Perylene-d12	15.527	264	225570	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	473230	101.322	ng	0.00
7) Phenol-d6	6.498	99	605803	97.928	ng	0.00
23) Nitrobenzene-d5	7.422	82	568078	99.392	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	202693	99.228	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1161315	92.444	ng	0.00
79) Terphenyl-d14	12.957	244	1405567	95.545	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	100045	49.730	ng	100
3) Pyridine	3.399	79	234673	50.370	ng	98
4) n-Nitrosodimethylamine	3.363	42	119432	50.851	ng	99
6) Aniline	6.522	93	262131	49.559	ng	90
8) 2-Chlorophenol	6.645	128	252311	49.538	ng	98
9) Benzaldehyde	6.410	77	158111	46.127	ng	99
10) Phenol	6.516	94	315876	49.267	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	237699	49.712	ng	98
12) 1,3-Dichlorobenzene	6.792	146	287366	49.515	ng	98
13) 1,4-Dichlorobenzene	6.869	146	287394	48.784	ng	99
14) 1,2-Dichlorobenzene	7.022	146	269678	48.518	ng	98
15) Benzyl Alcohol	6.998	79	219795	49.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	276410	49.072	ng	94
17) 2-Methylphenol	7.116	107	199766	49.127	ng	99
18) Hexachloroethane	7.357	117	107131	48.849	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	180295	48.587	ng	99
20) 3+4-Methylphenols	7.269	107	261470	48.491	ng	94
22) Acetophenone	7.263	105	354645	49.578	ng	99
24) Nitrobenzene	7.439	77	291463	49.777	ng	99
25) Isophorone	7.675	82	474812	49.580	ng	99
26) 2-Nitrophenol	7.751	139	136187	50.500	ng	98
27) 2,4-Dimethylphenol	7.792	122	156314	49.632	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	299078	50.002	ng	99
29) 2,4-Dichlorophenol	7.998	162	215069	49.463	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	244191	48.990	ng	98
31) Naphthalene	8.151	128	779270	49.610	ng	100
32) Benzoic acid	7.951	122	157548	52.746	ng	100
33) 4-Chloroaniline	8.210	127	255688	49.011	ng	99
34) Hexachlorobutadiene	8.263	225	166884	49.763	ng	99
35) Caprolactam	8.592	113	63631	49.156	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	237414	48.512	ng	98
37) 2-Methylnaphthalene	8.839	142	500202	48.139	ng	100
38) 1-Methylnaphthalene	8.939	142	490420	47.724	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	248636	46.837	ng	99
41) Hexachlorocyclopentadiene	8.992	237	70543	50.029	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	154361	47.487	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140860.D
 Acq On : 16 Dec 2024 15:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 16 16:50:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

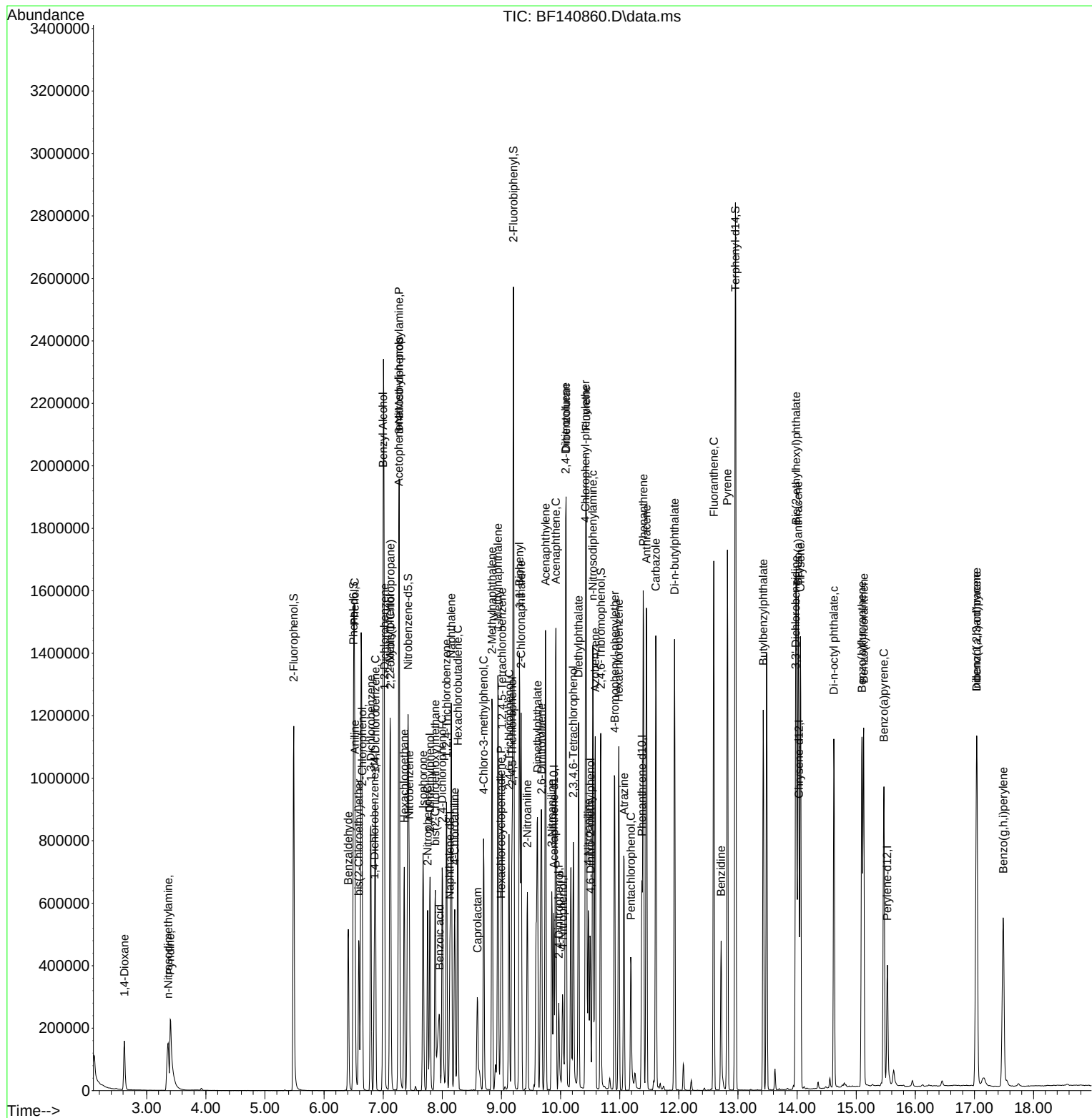
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	170411	47.697	ng	99
46) 1,1'-Biphenyl	9.304	154	631768	46.001	ng	99
47) 2-Chloronaphthalene	9.333	162	485339	46.194	ng	98
48) 2-Nitroaniline	9.439	65	147104	46.359	ng	96
49) Acenaphthylene	9.745	152	732431	47.437	ng	100
50) Dimethylphthalate	9.610	163	564903	46.392	ng	99
51) 2,6-Dinitrotoluene	9.680	165	130941	47.039	ng	97
52) Acenaphthene	9.922	154	475150	48.175	ng	100
53) 3-Nitroaniline	9.851	138	140148	50.732	ng	99
54) 2,4-Dinitrophenol	9.969	184	62738	48.955	ng	99
55) Dibenzofuran	10.092	168	736252	48.174	ng	100
56) 4-Nitrophenol	10.033	139	72965	50.818	ng	96
57) 2,4-Dinitrotoluene	10.086	165	181952	49.679	ng	99
58) Fluorene	10.433	166	617054	48.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	153671	52.784	ng	100
60) Diethylphthalate	10.304	149	624564	49.463	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	313978	49.574	ng	99
62) 4-Nitroaniline	10.469	138	148255	51.356	ng	99
63) Azobenzene	10.586	77	586556	49.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	103510	51.936	ng	98
66) n-Nitrosodiphenylamine	10.545	169	520491	48.132	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	188429	47.888	ng	97
68) Hexachlorobenzene	10.986	284	215259	48.252	ng	99
69) Atrazine	11.075	200	134376	44.493	ng	99
70) Pentachlorophenol	11.192	266	89834	55.046	ng	99
71) Phenanthrene	11.398	178	868333	48.009	ng	99
72) Anthracene	11.451	178	860045	48.285	ng	99
73) Carbazole	11.610	167	854710	48.990	ng	99
74) Di-n-butylphthalate	11.927	149	1041587	50.870	ng	100
75) Fluoranthene	12.592	202	1000374	48.026	ng	99
77) Benzidine	12.716	184	285677	60.340	ng	99
78) Pyrene	12.821	202	1021434	49.516	ng	100
80) Butylbenzylphthalate	13.427	149	389705	51.343	ng	99
81) Benzo(a)anthracene	14.015	228	804868	48.956	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	250344	50.470	ng	99
83) Chrysene	14.057	228	727490	48.661	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	495633	50.642	ng	100
85) Di-n-octyl phthalate	14.621	149	777794	52.530	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	625642	44.446	ng	99
88) Benzo(b)fluoranthene	15.098	252	712222	45.486	ng	99
89) Benzo(k)fluoranthene	15.127	252	644153	47.959	ng	99
90) Benzo(a)pyrene	15.468	252	595306	48.554	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	517904	44.411	ng	99
92) Benzo(g,h,i)perylene	17.486	276	532268	44.846	ng	99

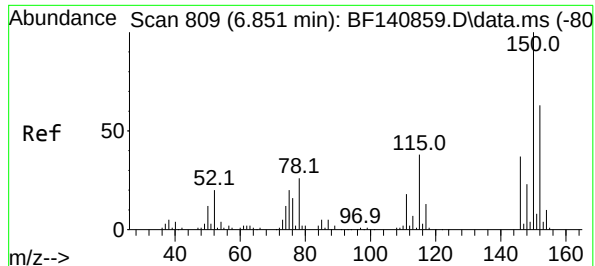
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF140860.D
Acq On    : 16 Dec 2024  15:23
Operator  : RC/JU
Sample    : SSTDICC050
Misc      :
ALS Vial  : 7   Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC050

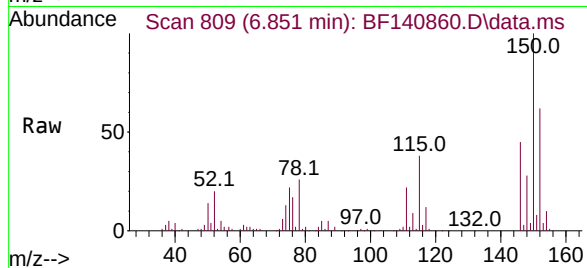
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



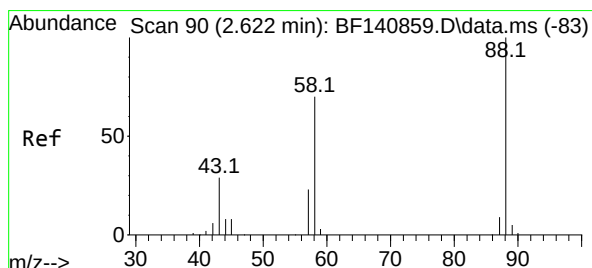
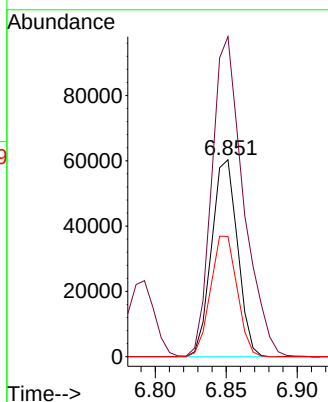
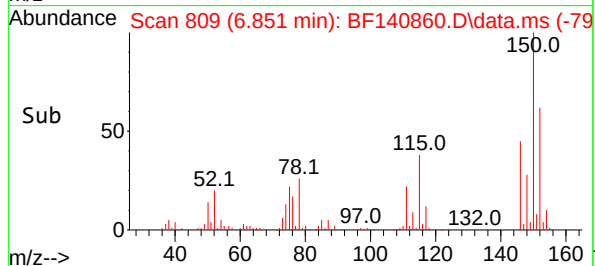


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

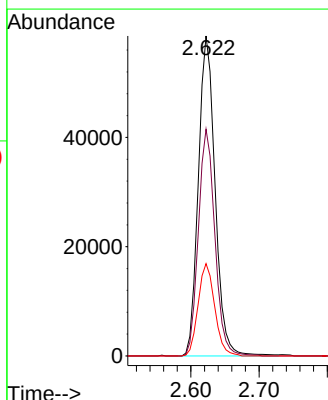
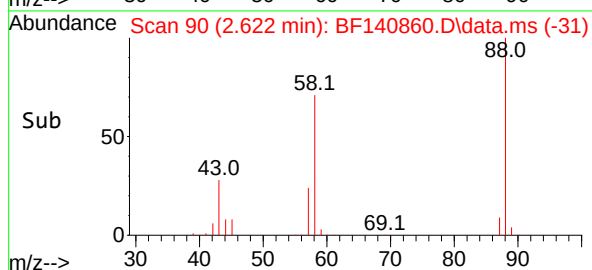
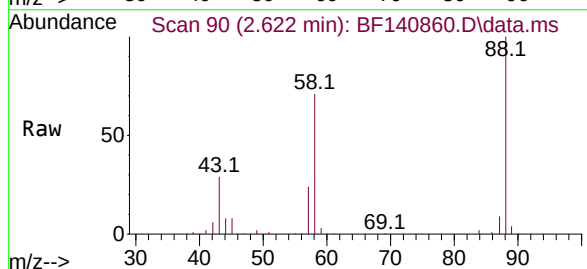


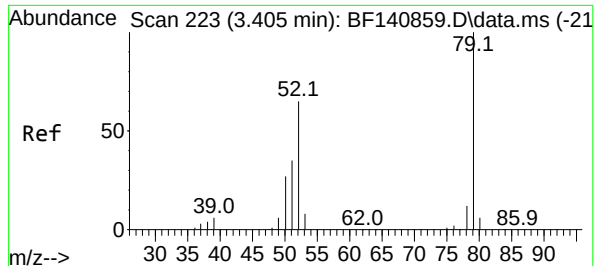
Tgt Ion:152 Resp: 76886
Ion Ratio Lower Upper
152 100
150 162.5 127.9 191.9
115 61.1 48.0 72.0



#2
1,4-Dioxane
Concen: 49.730 ng
RT: 2.622 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 88 Resp: 100045
Ion Ratio Lower Upper
88 100
58 69.7 55.8 83.8
43 28.5 22.7 34.1





#3

Pyridine

Concen: 50.370 ng

RT: 3.399 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

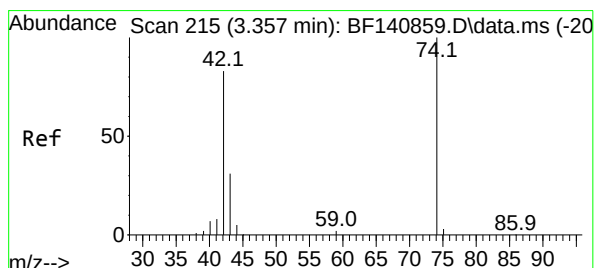
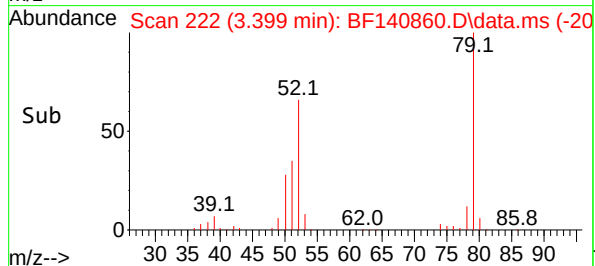
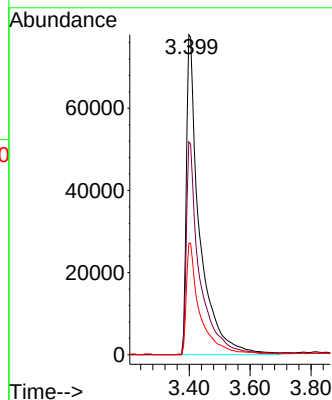
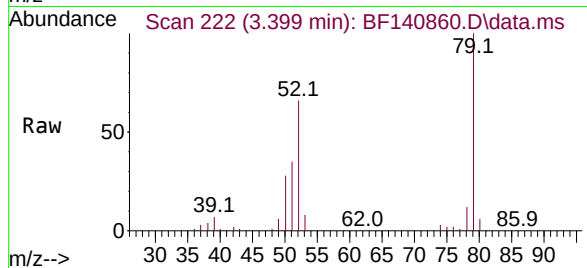
Tgt Ion: 79 Resp: 234673

Ion Ratio Lower Upper

79 100

52 66.5 51.7 77.5

51 34.9 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 50.851 ng

RT: 3.363 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

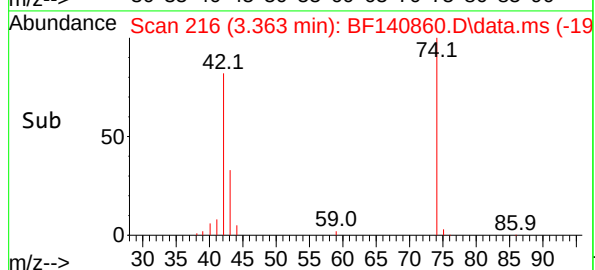
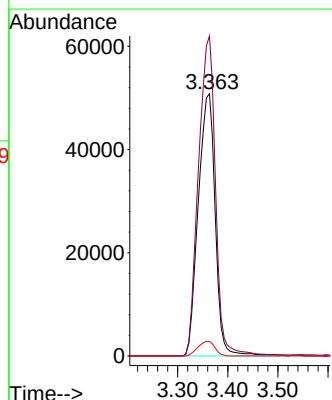
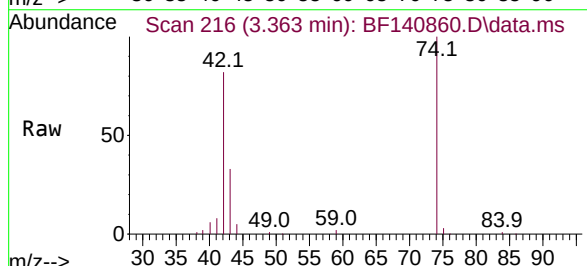
Tgt Ion: 42 Resp: 119432

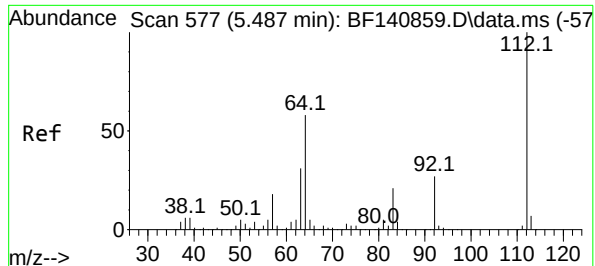
Ion Ratio Lower Upper

42 100

74 122.0 96.9 145.3

44 5.5 4.4 6.6

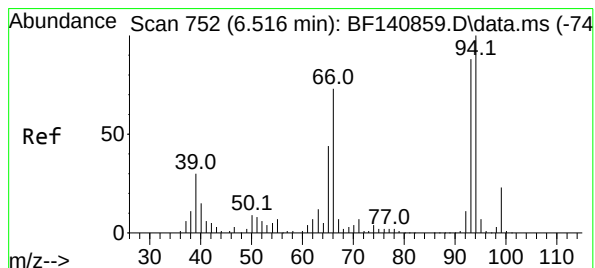
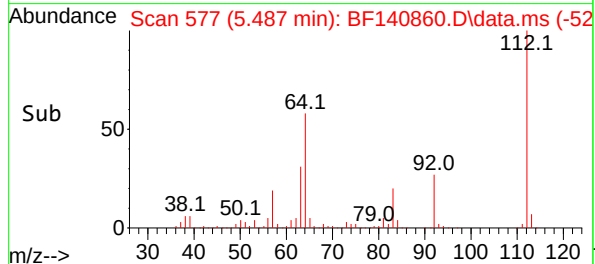
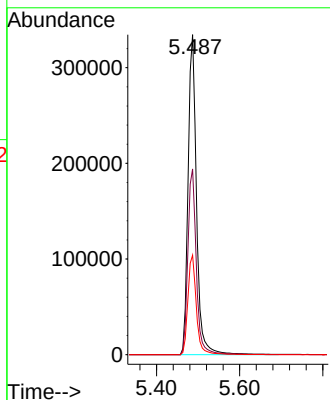
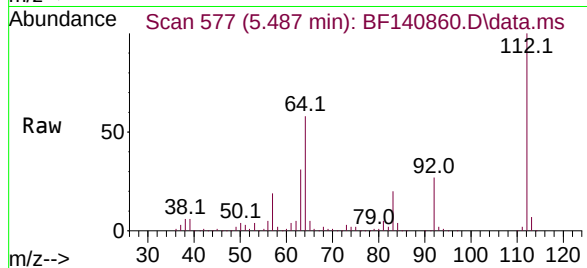




#5
2-Fluorophenol
Concen: 101.322 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

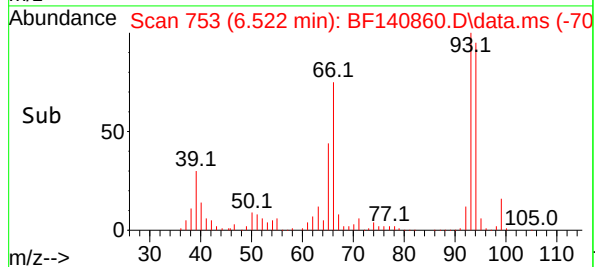
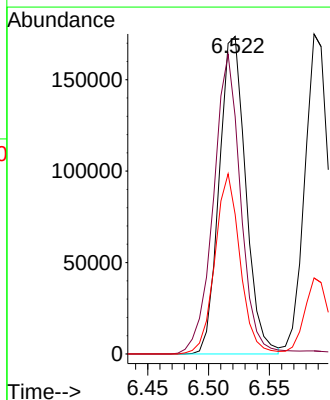
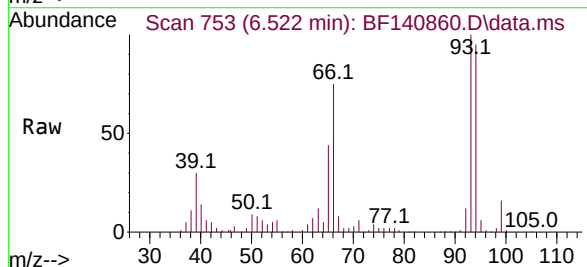
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

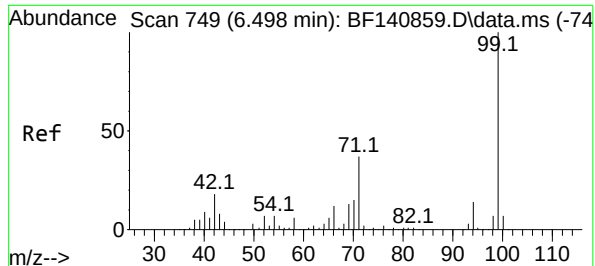
Tgt Ion:112 Resp: 473230
Ion Ratio Lower Upper
112 100
64 58.0 46.1 69.1
63 31.1 24.9 37.3



#6
Aniline
Concen: 49.559 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 93 Resp: 262131
Ion Ratio Lower Upper
93 100
66 74.7 67.0 100.4
65 43.9 40.4 60.6

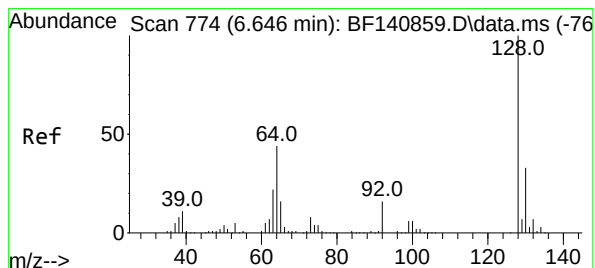
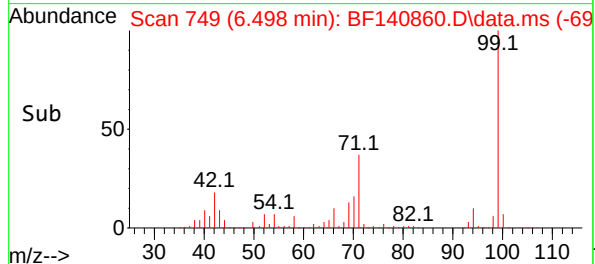
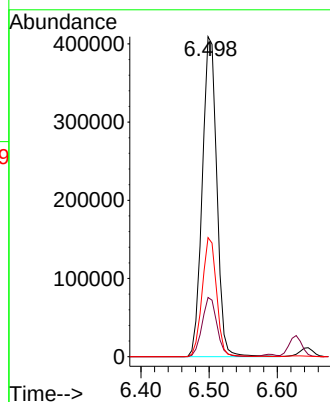
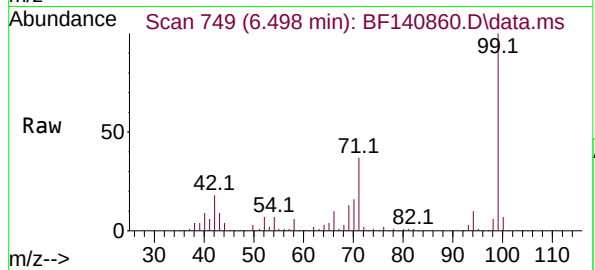




#7
Phenol-d6
Concen: 97.928 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

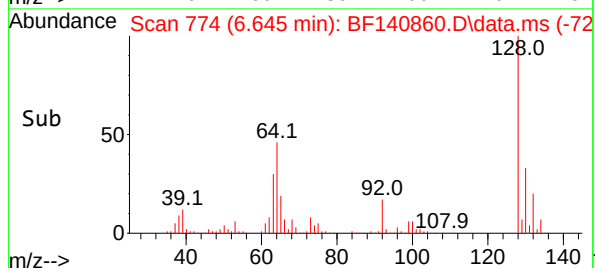
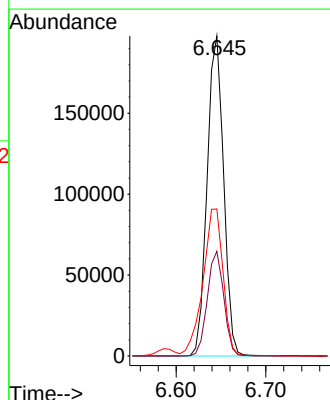
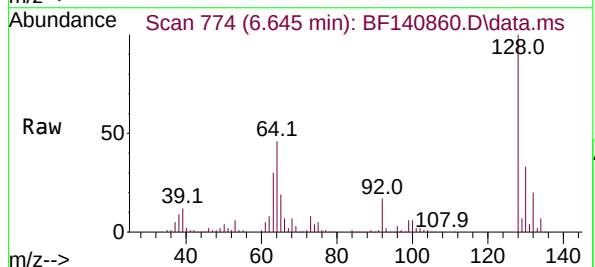
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

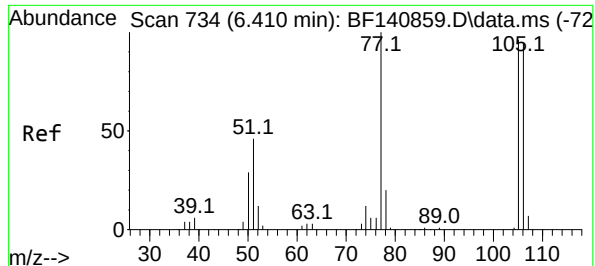
Tgt Ion: 99 Resp: 605803
Ion Ratio Lower Upper
99 100
42 18.5 14.3 21.5
71 37.2 29.9 44.9



#8
2-Chlorophenol
Concen: 49.538 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 128 Resp: 252311
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 45.9 24.3 64.3





#9

Benzaldehyde

Concen: 46.127 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

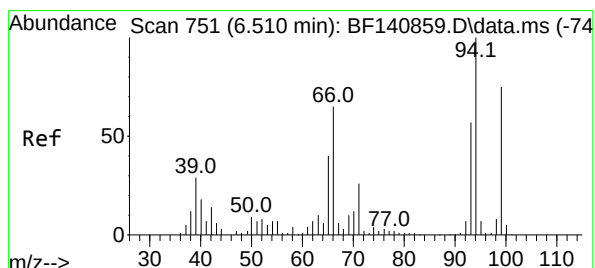
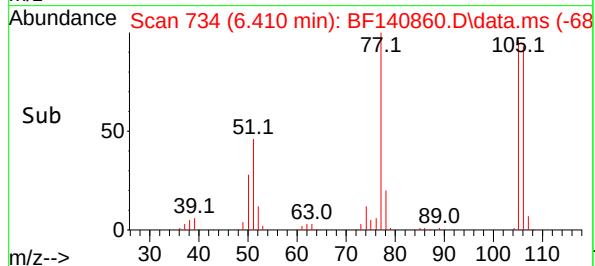
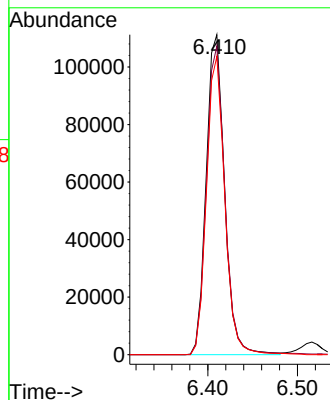
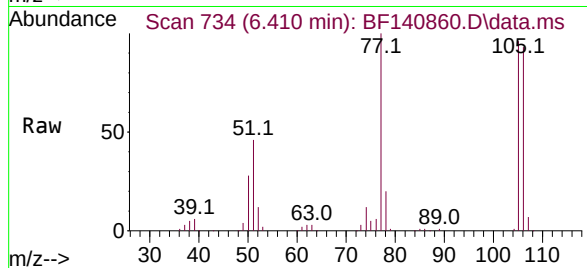
Tgt Ion: 77 Resp: 158111

Ion Ratio Lower Upper

77 100

105 96.4 75.8 115.8

106 93.2 74.1 114.1



#10

Phenol

Concen: 49.267 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

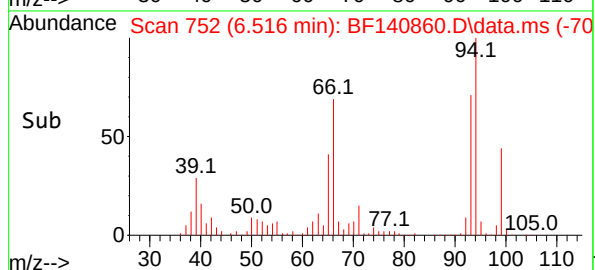
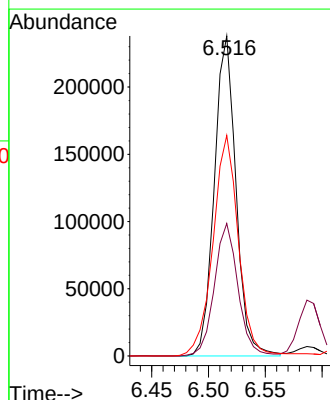
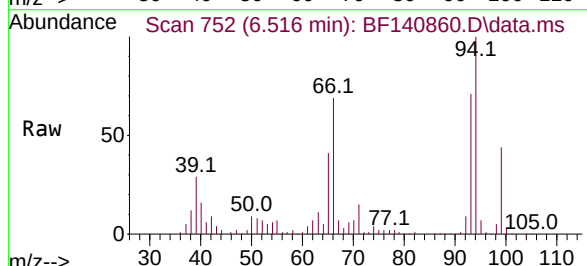
Tgt Ion: 94 Resp: 315876

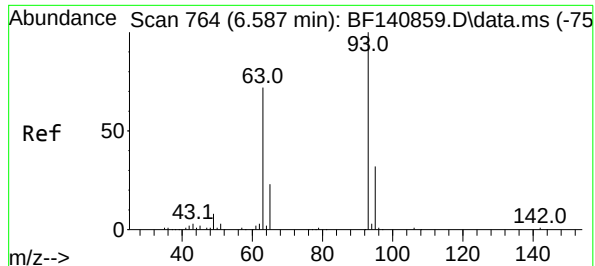
Ion Ratio Lower Upper

94 100

65 41.4 19.9 59.9

66 68.9 45.6 85.6

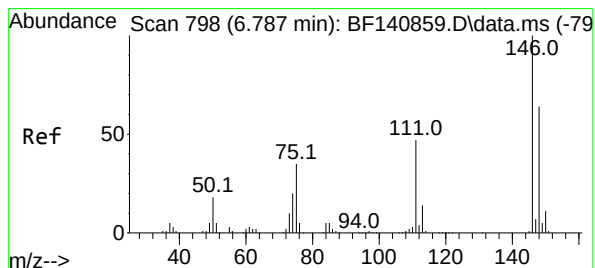
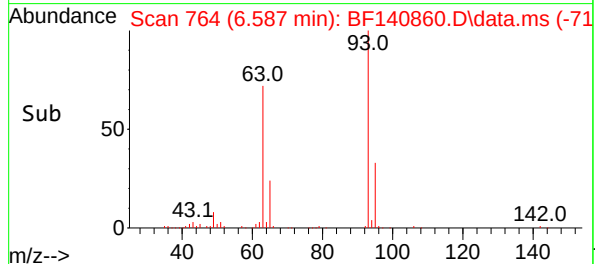
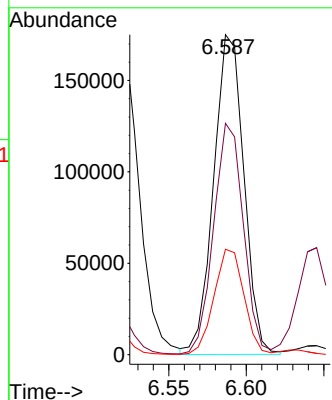
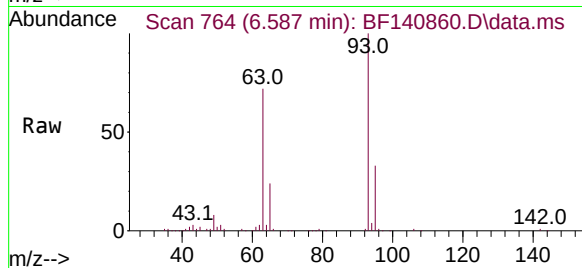




#11
bis(2-Chloroethyl)ether
Concen: 49.712 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

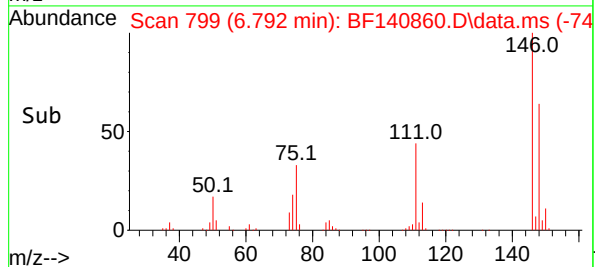
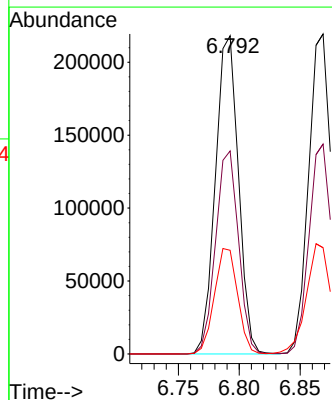
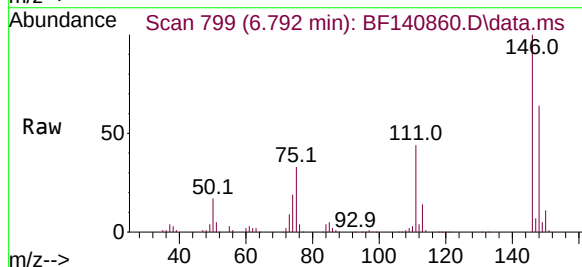
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

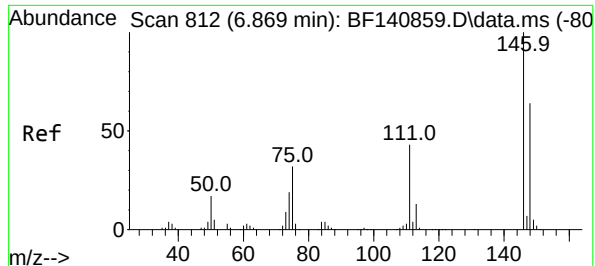
Tgt Ion: 93 Resp: 237699
Ion Ratio Lower Upper
93 100
63 72.3 51.0 91.0
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 49.515 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion: 146 Resp: 287366
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 32.6 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 48.784 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

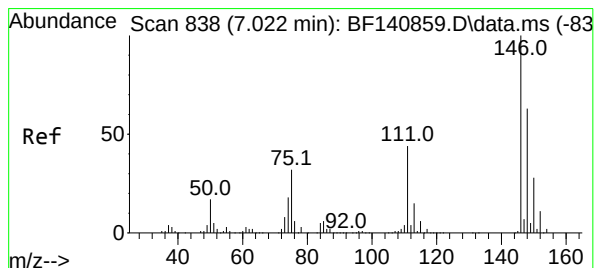
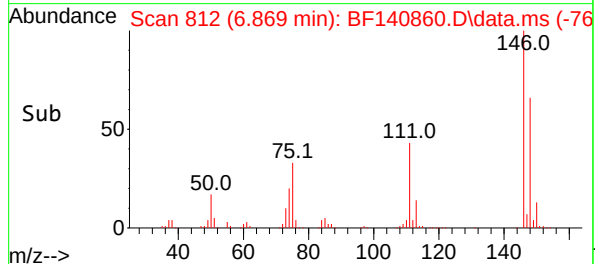
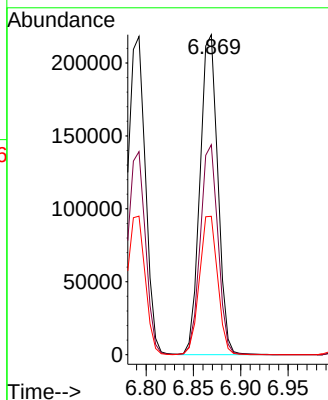
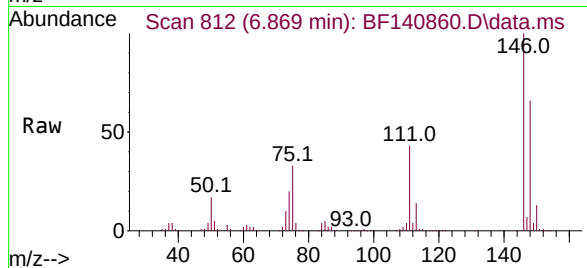
Tgt Ion:146 Resp: 287394

Ion Ratio Lower Upper

146 100

148 65.6 51.3 76.9

111 43.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 48.518 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

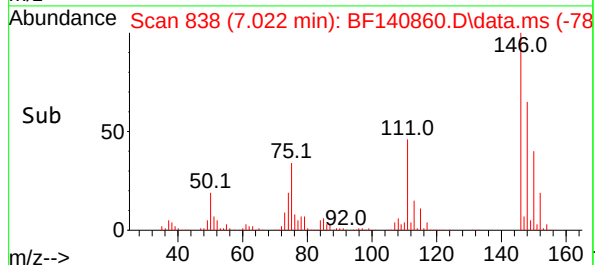
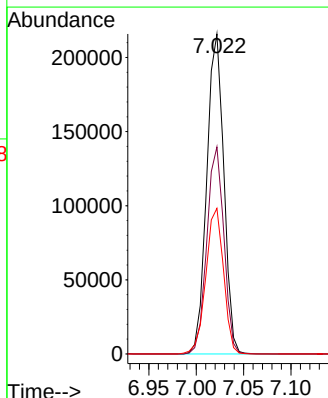
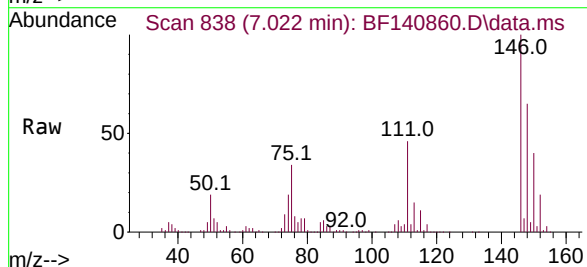
Tgt Ion:146 Resp: 269678

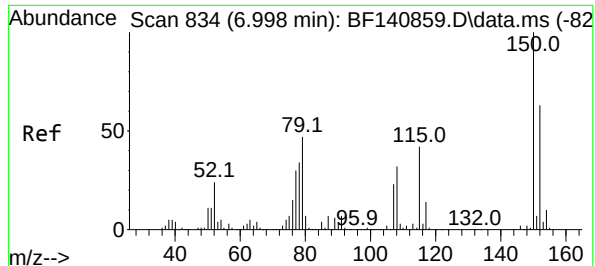
Ion Ratio Lower Upper

146 100

148 64.7 50.0 75.0

111 45.5 35.6 53.4





#15

Benzyl Alcohol

Concen: 49.692 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

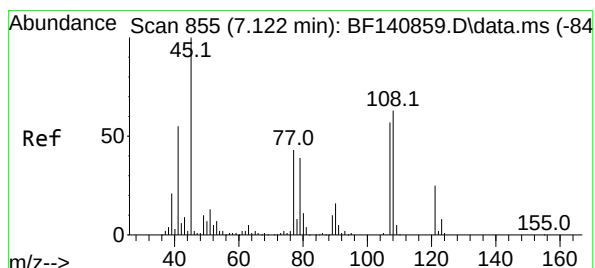
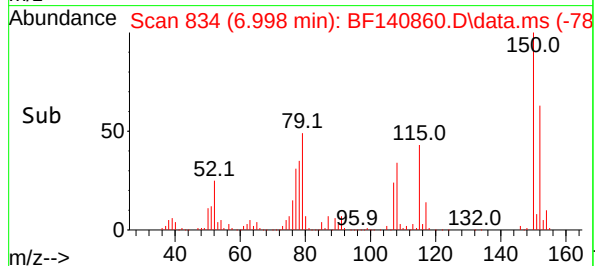
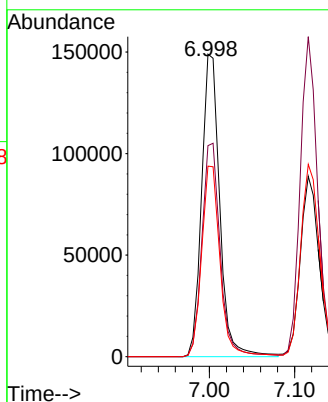
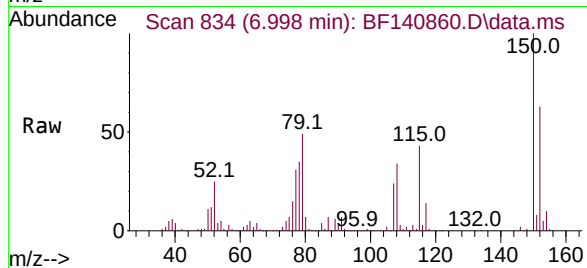
Tgt Ion: 79 Resp: 219795

Ion Ratio Lower Upper

79 100

108 69.7 55.1 82.7

77 63.0 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.072 ng

RT: 7.122 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

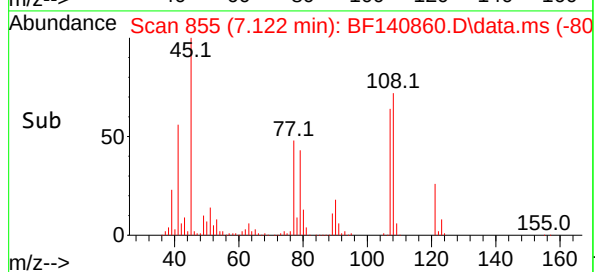
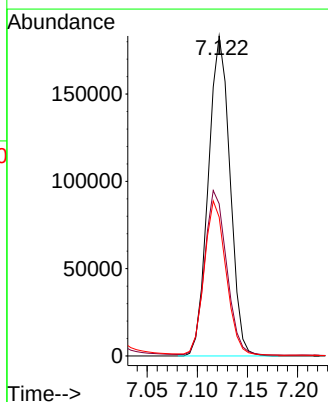
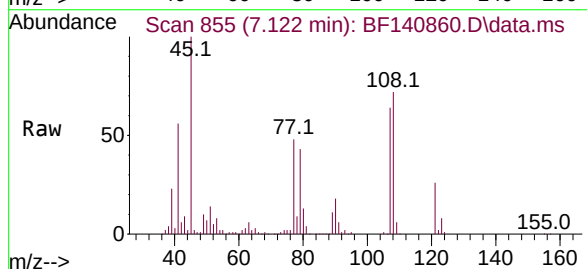
Tgt Ion: 45 Resp: 276410

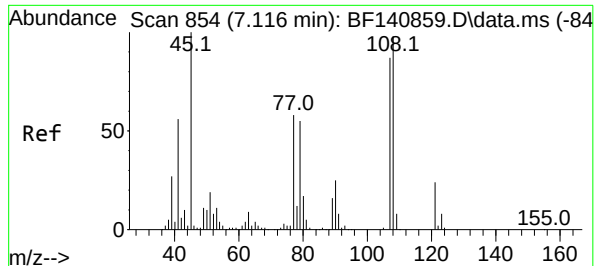
Ion Ratio Lower Upper

45 100

77 47.6 23.3 63.3

79 43.4 20.0 60.0

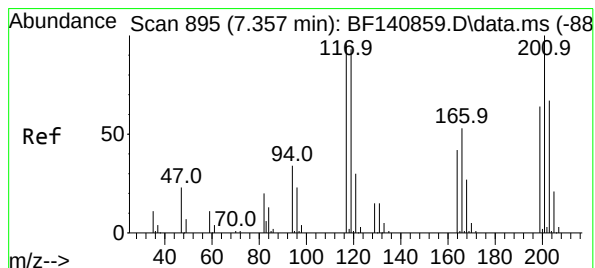
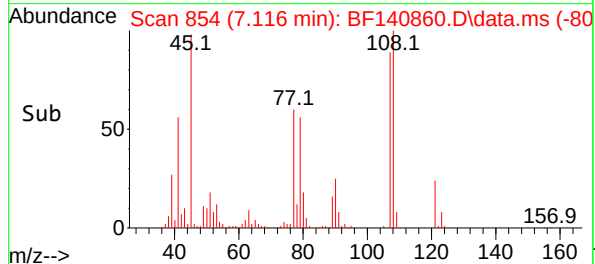
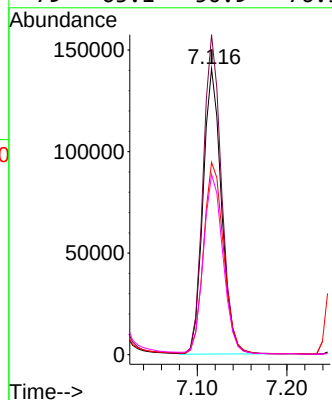
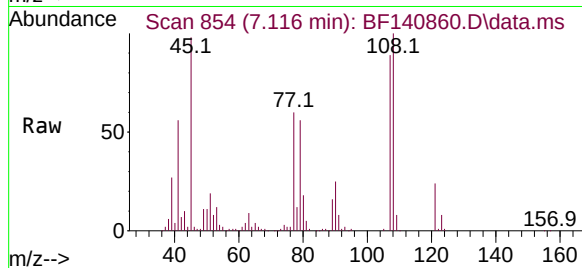




#17
2-Methylphenol
Concen: 49.127 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

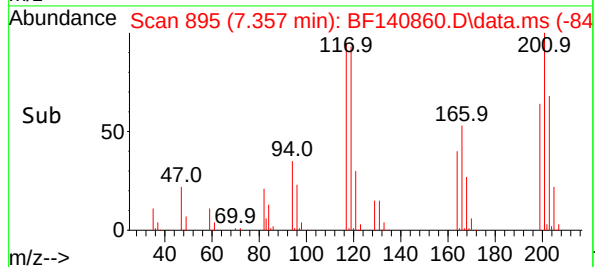
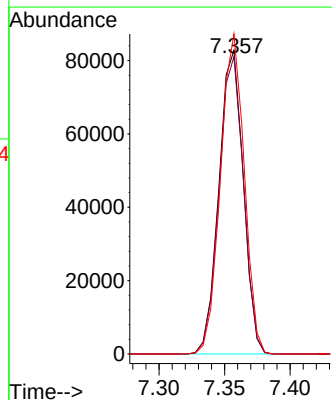
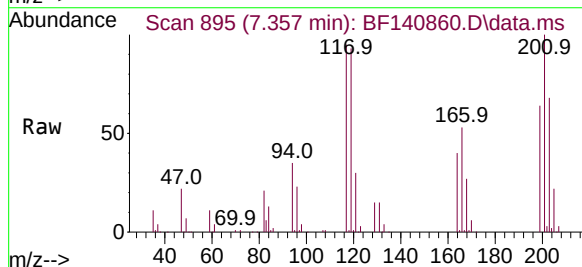
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

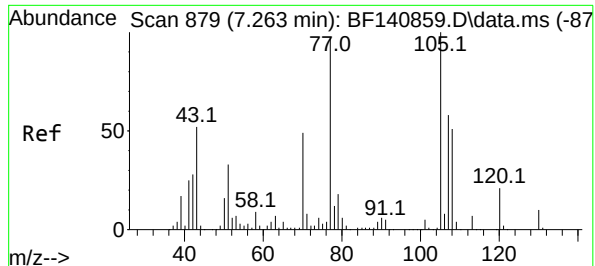
Tgt Ion:107 Resp: 199766
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.4
77 67.3 53.8 80.6
79 63.1 50.9 76.3



#18
Hexachloroethane
Concen: 48.849 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:117 Resp: 107131
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.0
201 105.4 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 48.587 ng

RT: 7.269 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 180295

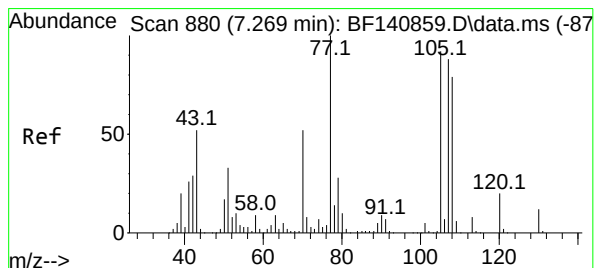
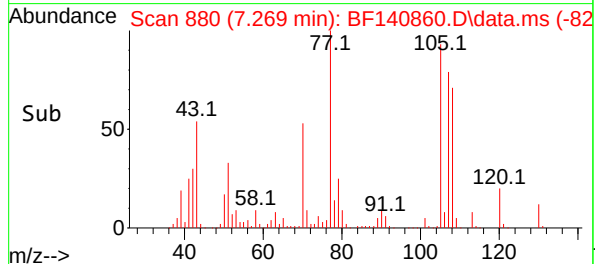
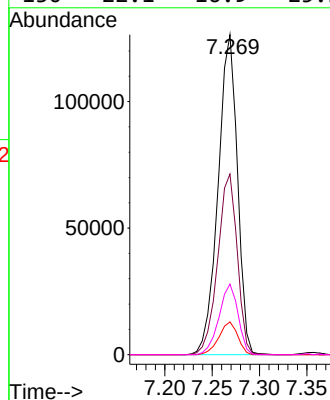
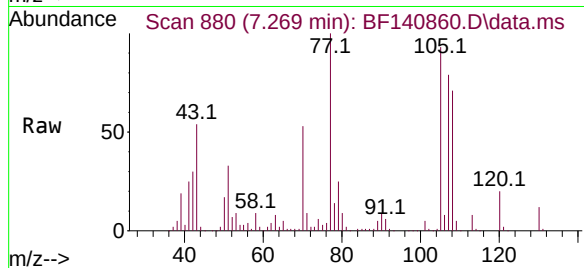
Ion Ratio Lower Upper

70 100

42 56.4 45.3 67.9

101 10.2 8.0 12.0

130 22.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 48.491 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Tgt Ion:107 Resp: 261470

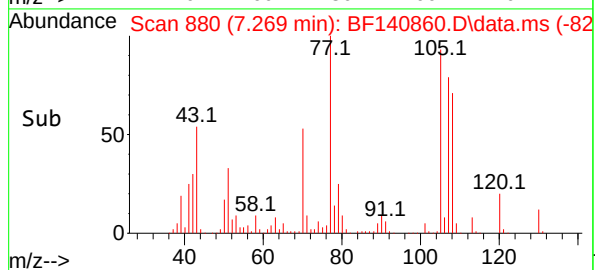
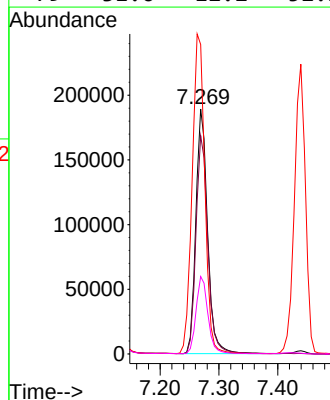
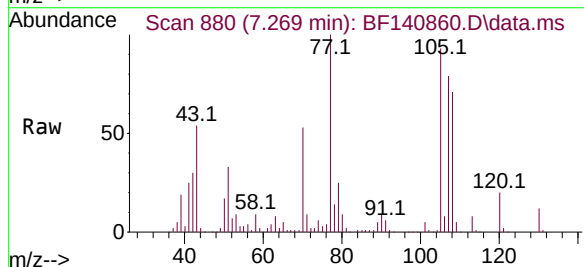
Ion Ratio Lower Upper

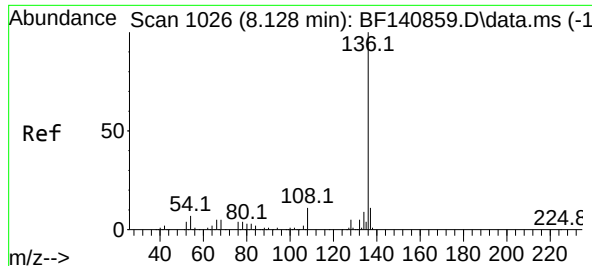
107 100

108 89.1 70.1 110.1

77 126.3 94.4 134.4

79 31.6 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 285955

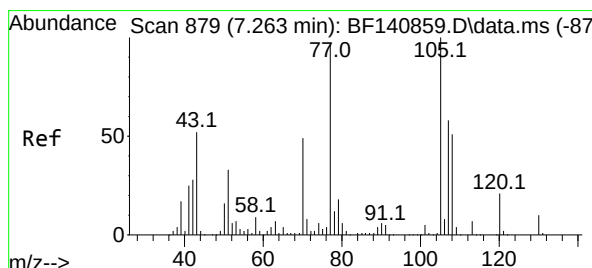
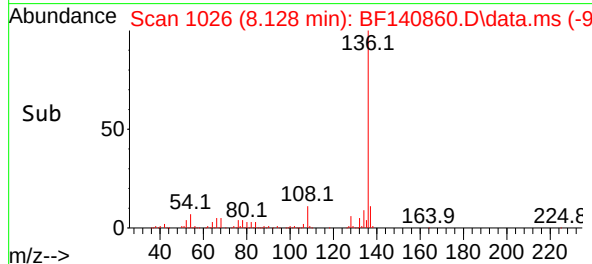
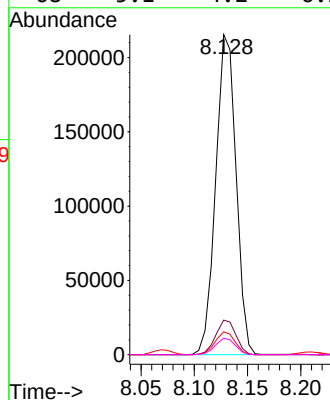
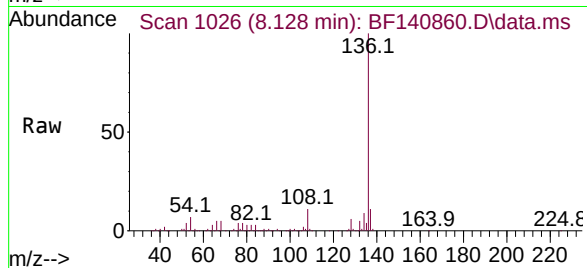
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.1 5.6 8.4

68 5.1 4.2 6.2



#22

Acetophenone

Concen: 49.578 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Tgt Ion:105 Resp: 354645

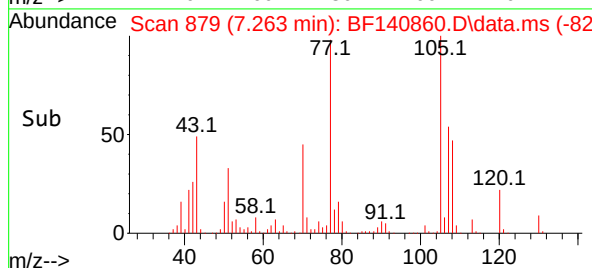
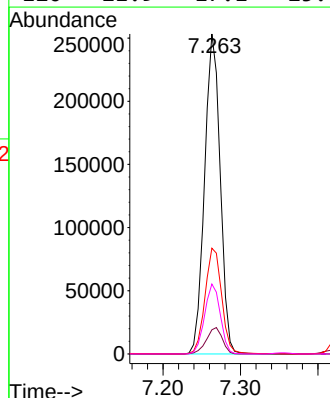
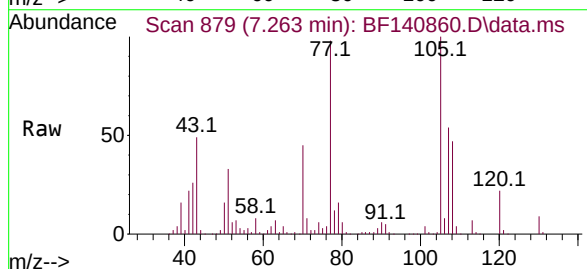
Ion Ratio Lower Upper

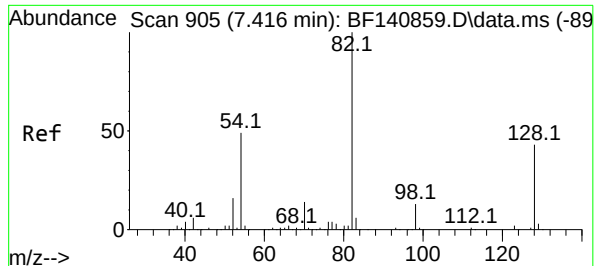
105 100

71 7.5 6.2 9.4

51 33.1 26.3 39.5

120 21.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 99.392 ng

RT: 7.422 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

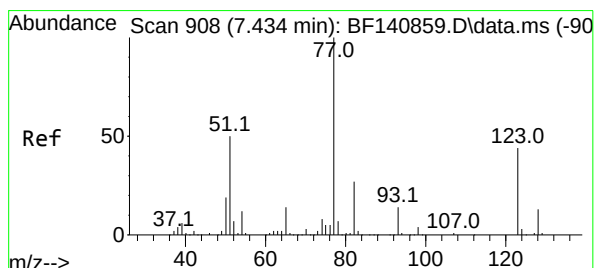
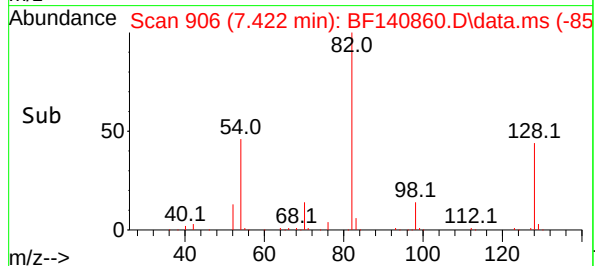
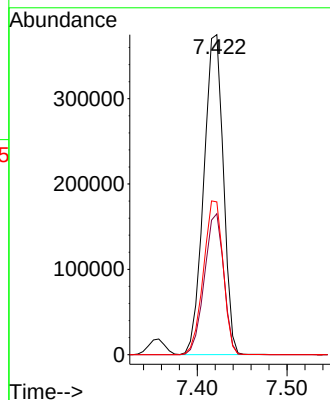
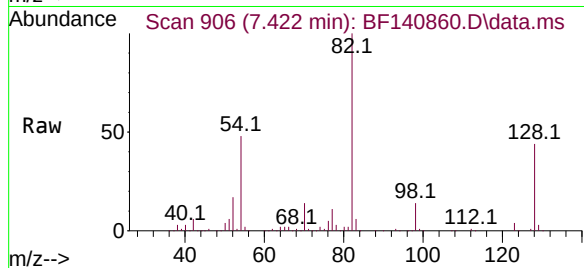
Tgt Ion: 82 Resp: 568078

Ion Ratio Lower Upper

82 100

128 44.0 34.4 51.6

54 47.7 38.8 58.2



#24

Nitrobenzene

Concen: 49.777 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

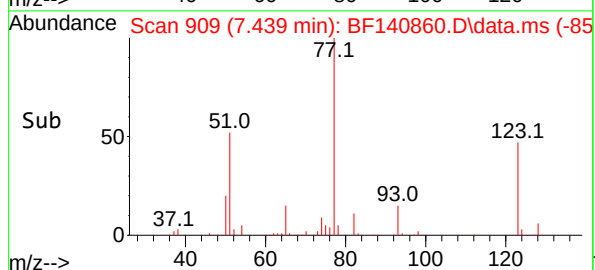
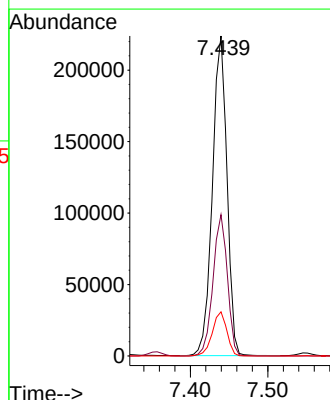
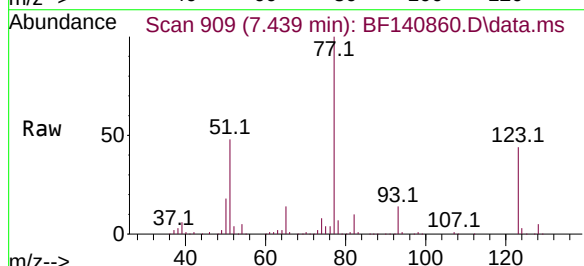
Tgt Ion: 77 Resp: 291463

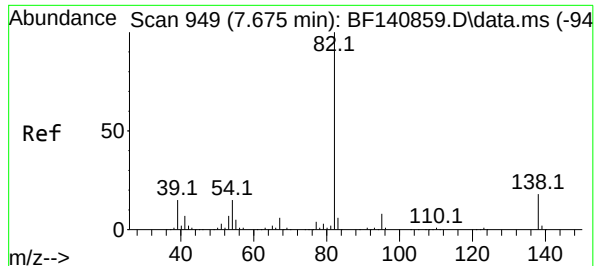
Ion Ratio Lower Upper

77 100

123 44.1 35.0 52.4

65 13.8 11.4 17.0





#25

Isophorone

Concen: 49.580 ng

RT: 7.675 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

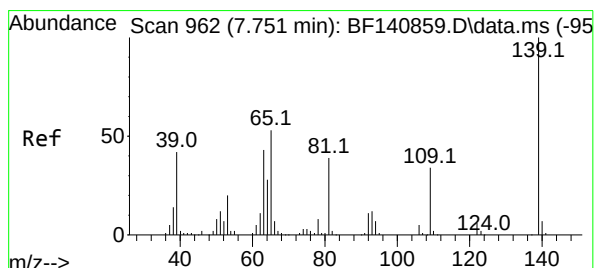
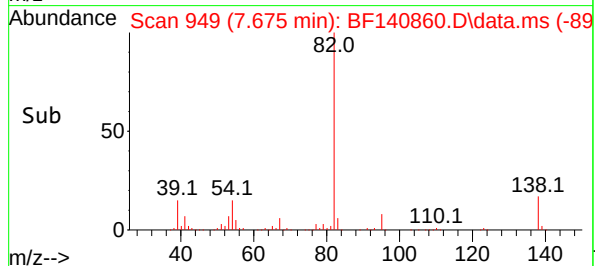
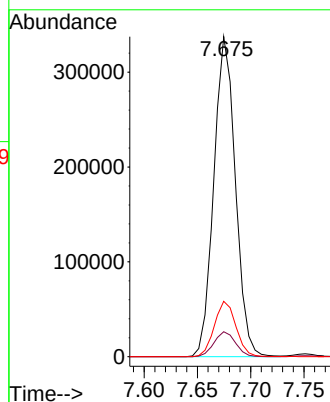
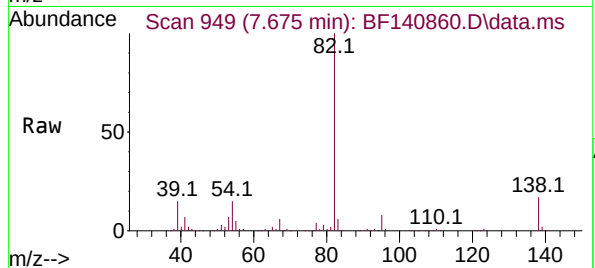
Tgt Ion: 82 Resp: 474812

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

138 17.3 14.1 21.1



#26

2-Nitrophenol

Concen: 50.500 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

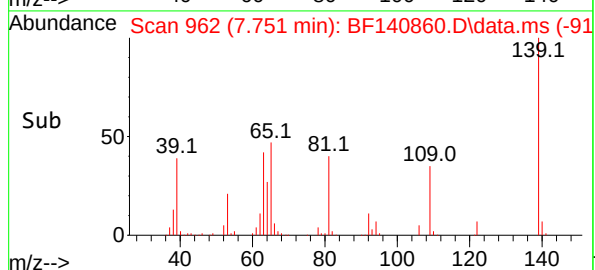
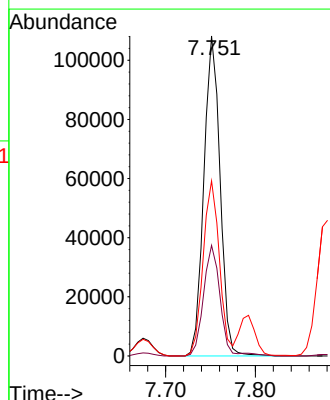
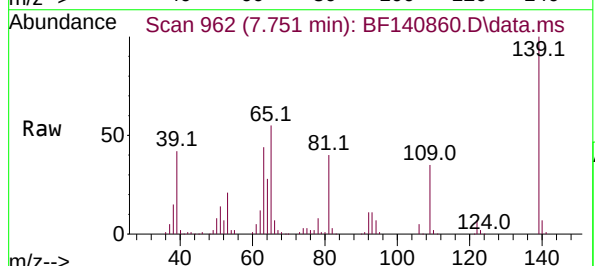
Tgt Ion:139 Resp: 136187

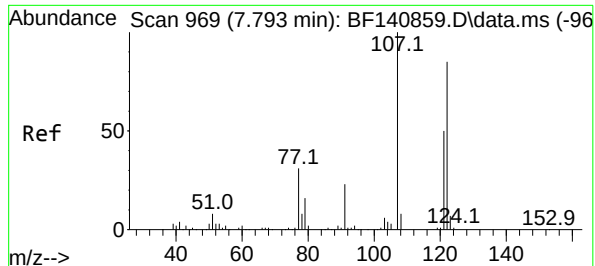
Ion Ratio Lower Upper

139 100

109 34.5 26.9 40.3

65 54.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 49.632 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

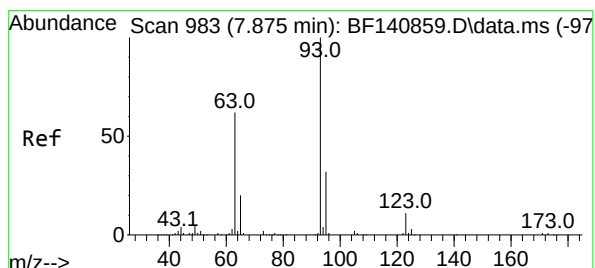
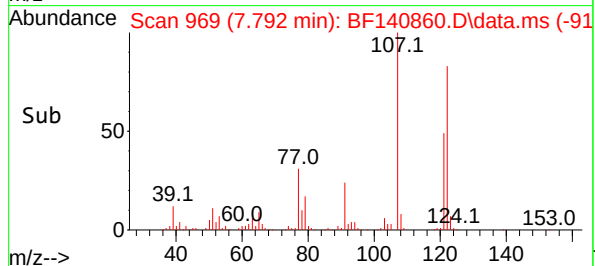
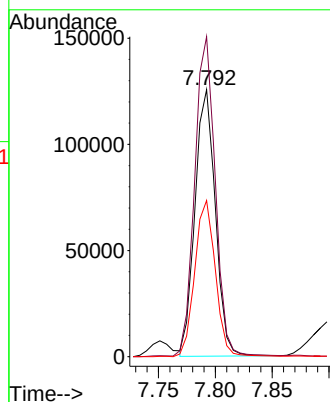
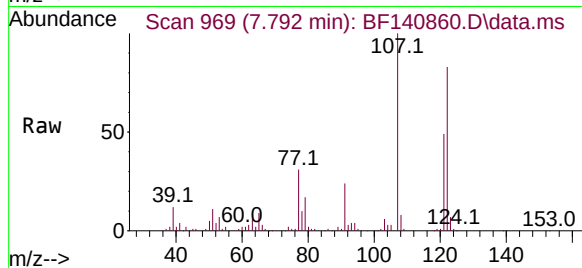
Tgt Ion:122 Resp: 156314

Ion Ratio Lower Upper

122 100

107 119.8 92.6 139.0

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.002 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

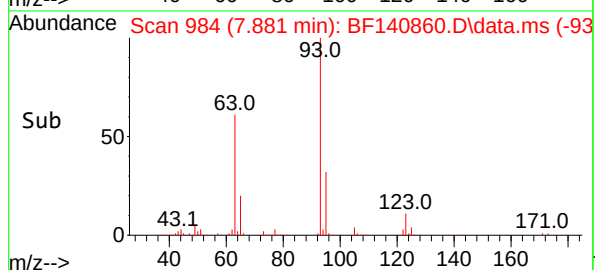
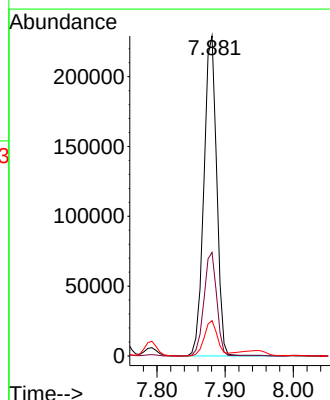
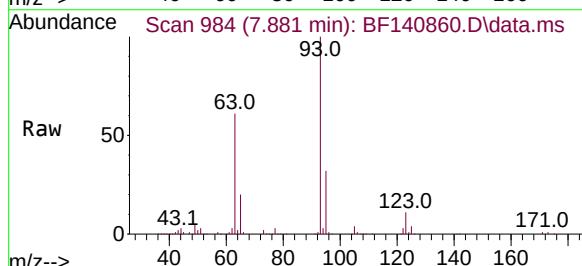
Tgt Ion: 93 Resp: 299078

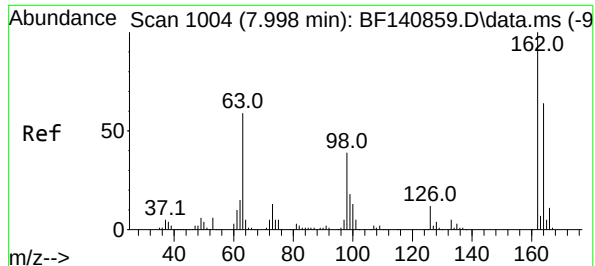
Ion Ratio Lower Upper

93 100

95 32.3 25.3 37.9

123 11.0 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 49.463 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

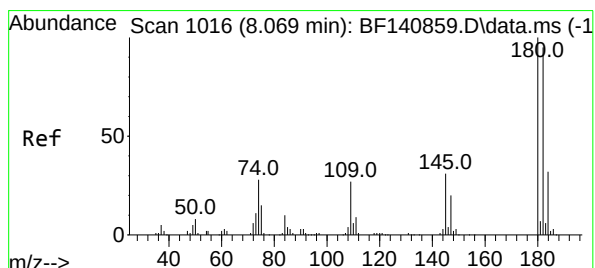
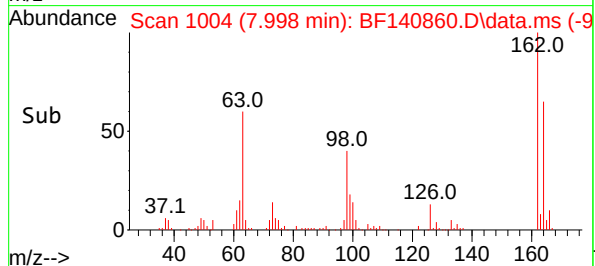
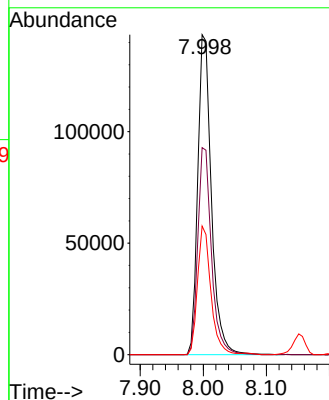
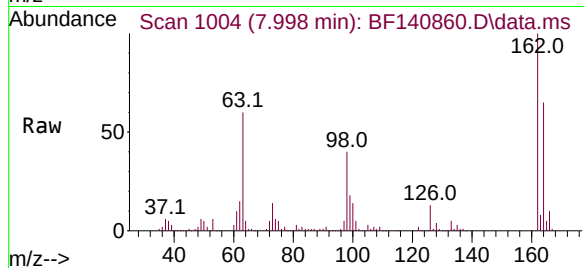
Tgt Ion:162 Resp: 215069

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 40.2 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 48.990 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

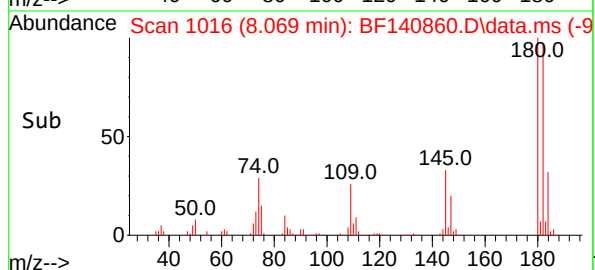
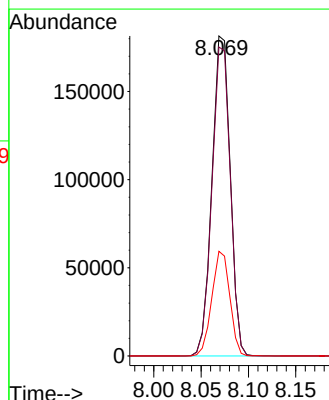
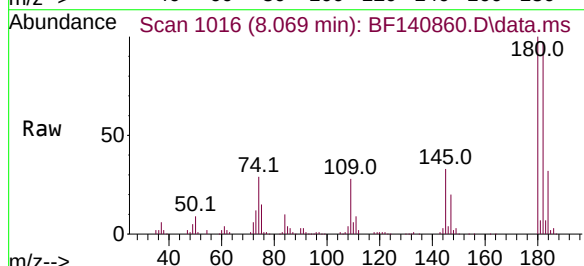
Tgt Ion:180 Resp: 244191

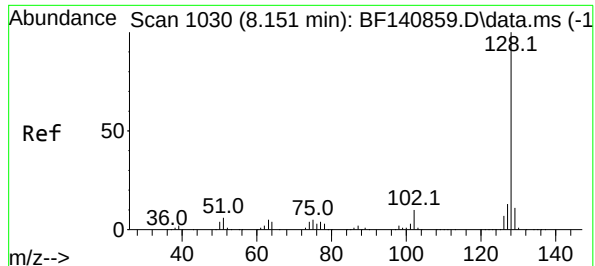
Ion Ratio Lower Upper

180 100

182 96.5 75.8 113.6

145 32.7 25.2 37.8





#31

Naphthalene

Concen: 49.610 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

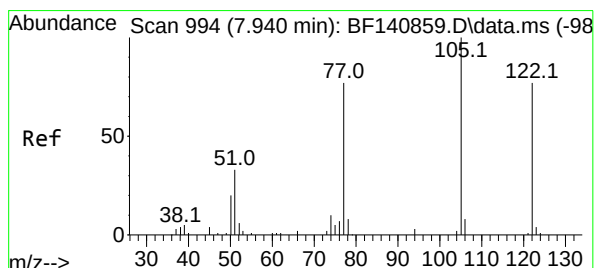
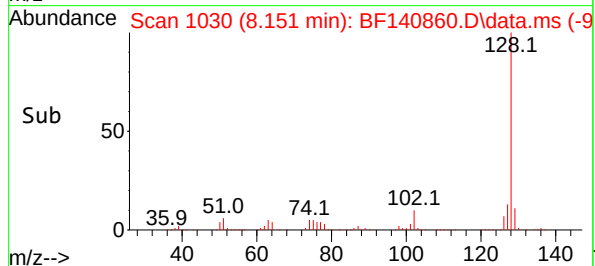
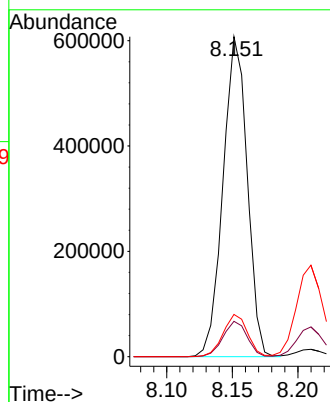
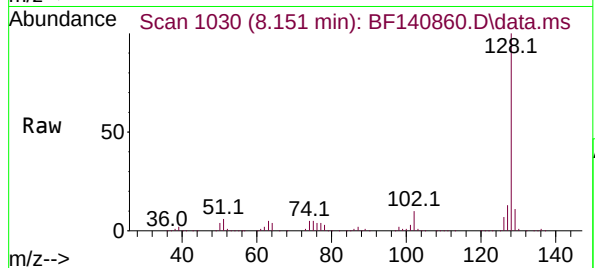
Tgt Ion:128 Resp: 779270

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 52.746 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.011 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

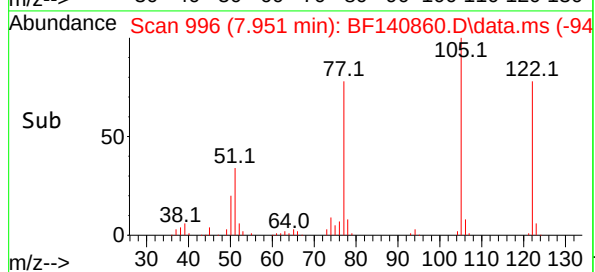
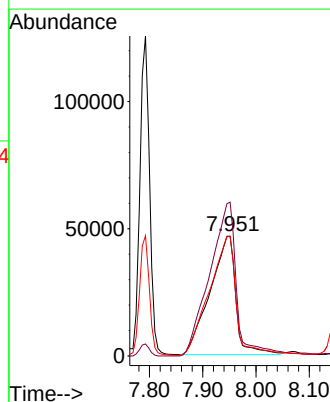
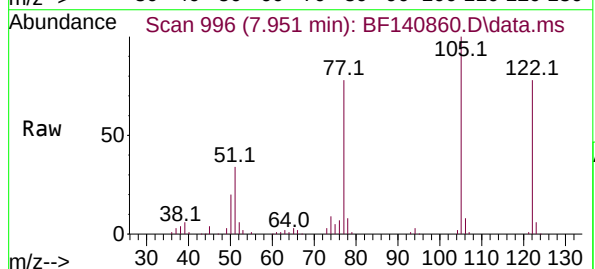
Tgt Ion:122 Resp: 157548

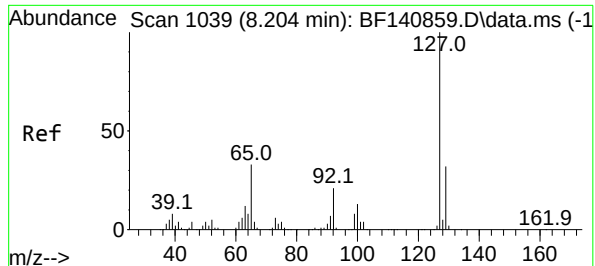
Ion Ratio Lower Upper

122 100

105 128.3 108.3 148.3

77 99.7 78.8 118.8





#33

4-Chloroaniline

Concen: 49.011 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 255688

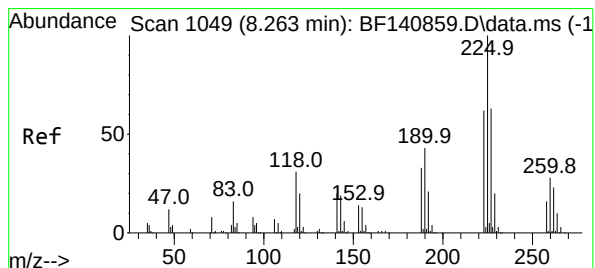
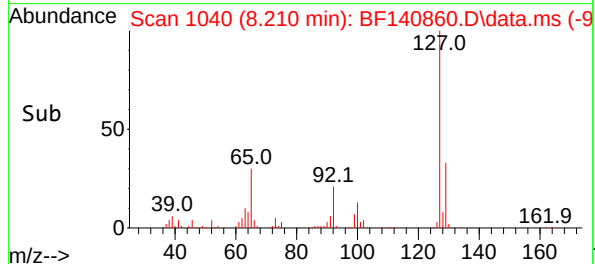
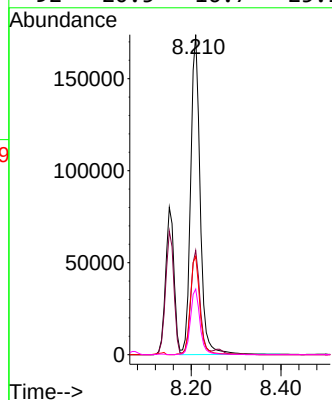
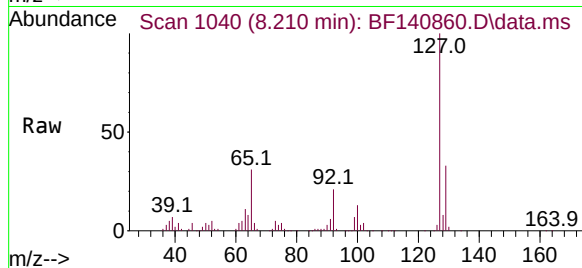
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 30.8 26.0 39.0

92 20.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 49.763 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

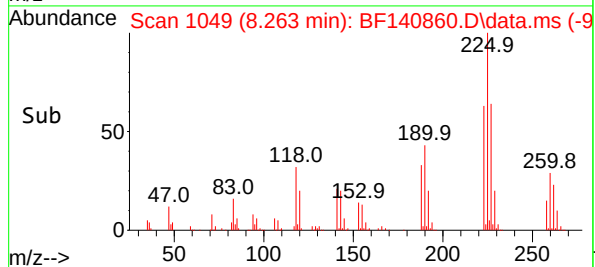
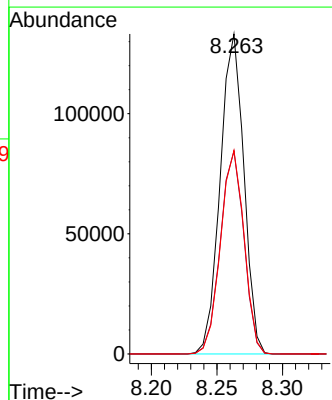
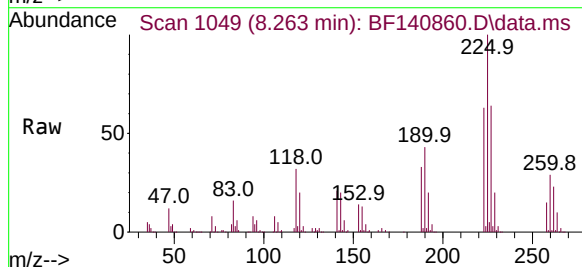
Tgt Ion:225 Resp: 166884

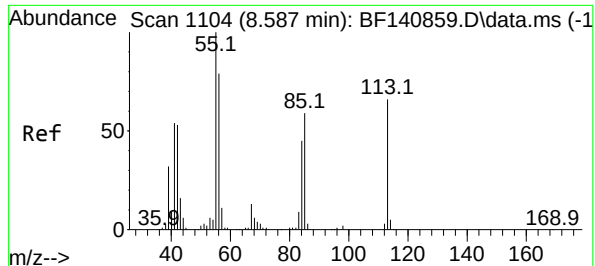
Ion Ratio Lower Upper

225 100

223 63.4 49.6 74.4

227 63.6 50.7 76.1





#35

Caprolactam

Concen: 49.156 ng

RT: 8.592 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

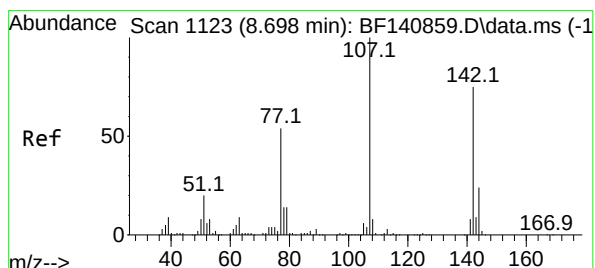
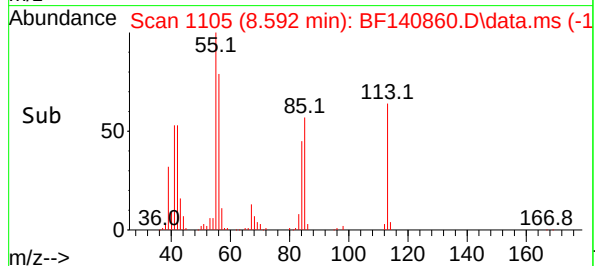
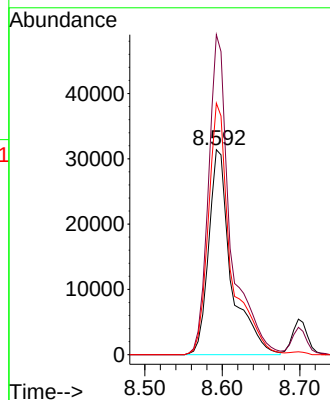
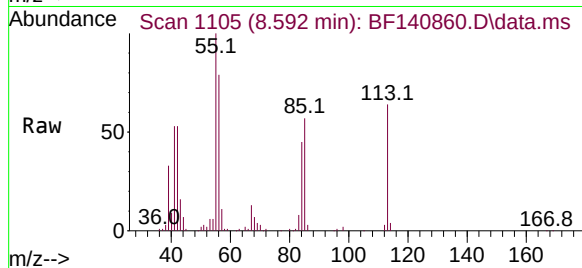
Tgt Ion:113 Resp: 63631

Ion Ratio Lower Upper

113 100

55 156.1 132.3 172.3

56 122.7 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 48.512 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

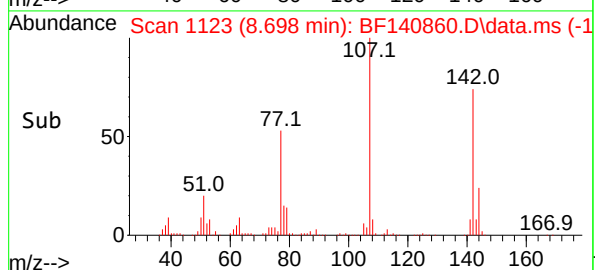
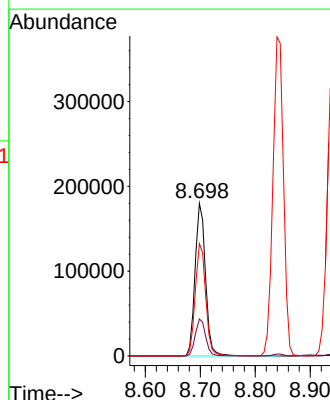
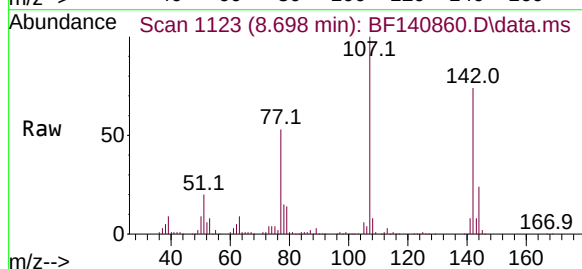
Tgt Ion:107 Resp: 237414

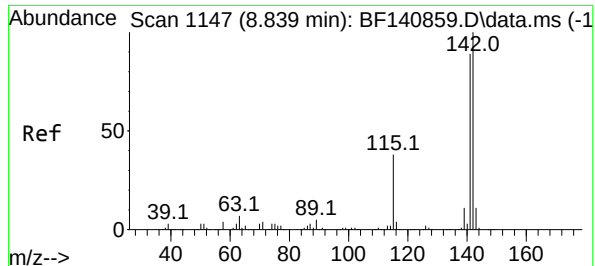
Ion Ratio Lower Upper

107 100

144 24.2 19.4 29.2

142 73.6 60.3 90.5





#37

2-Methylnaphthalene

Concen: 48.139 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

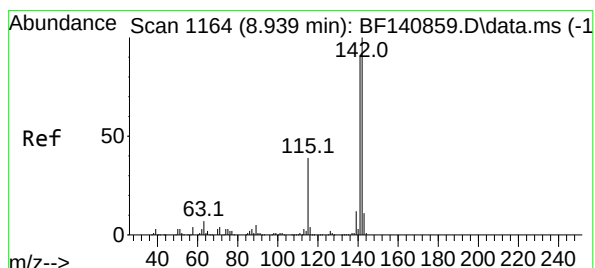
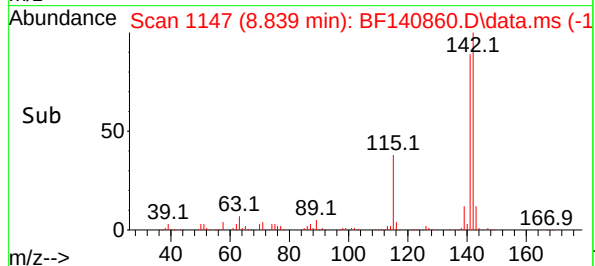
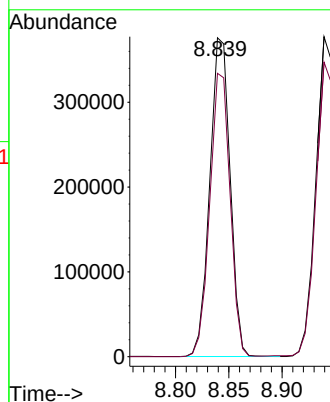
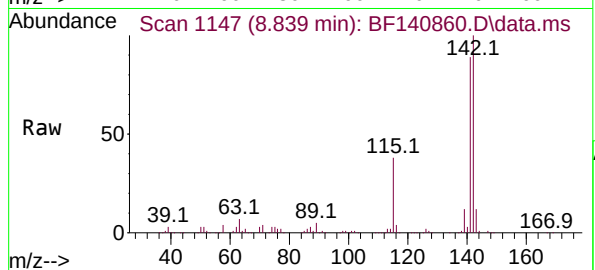
SSTDICC050

Tgt Ion:142 Resp: 500202

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.724 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140860.D

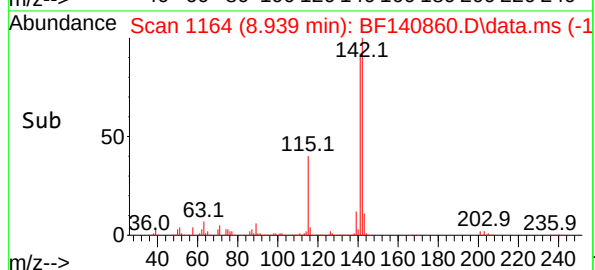
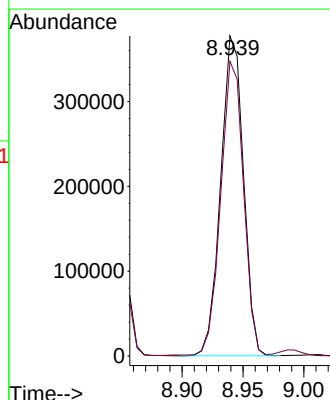
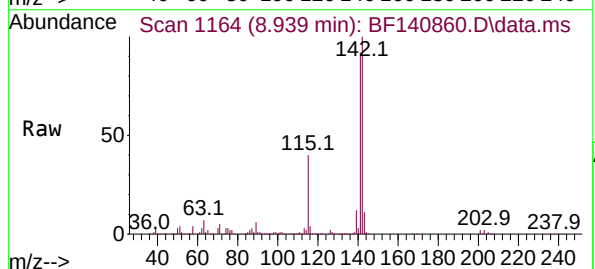
Acq: 16 Dec 2024 15:23

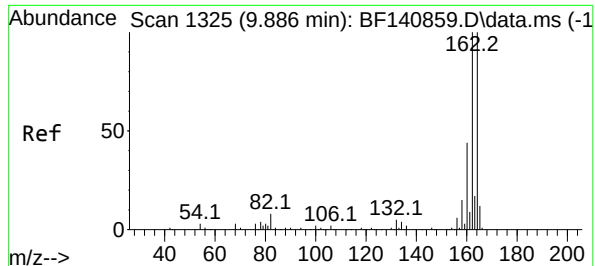
Tgt Ion:142 Resp: 490420

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.0

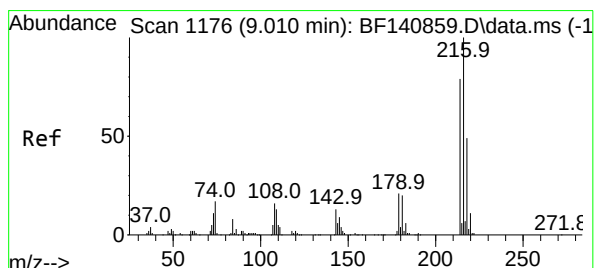
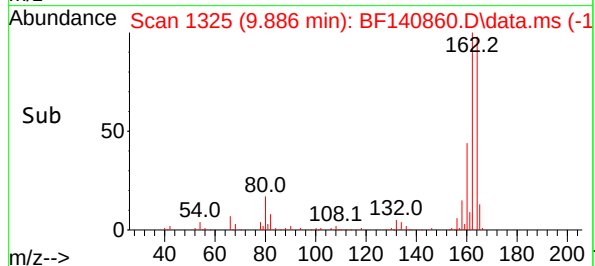
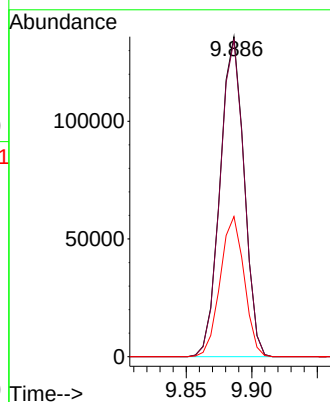
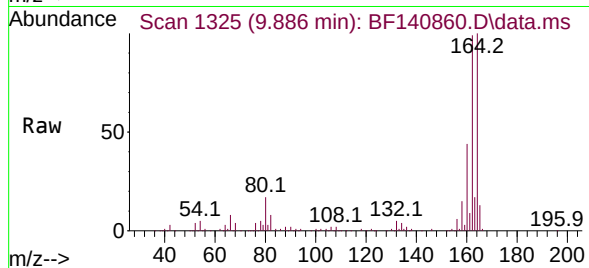




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

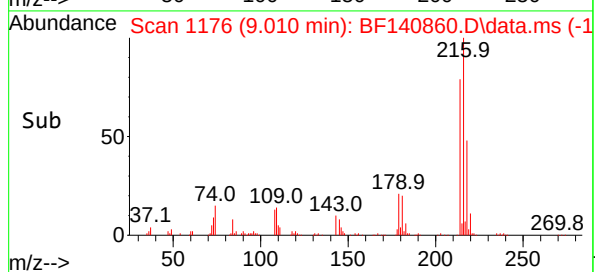
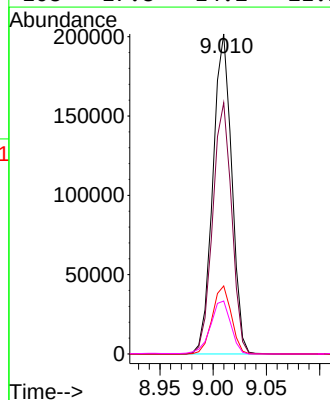
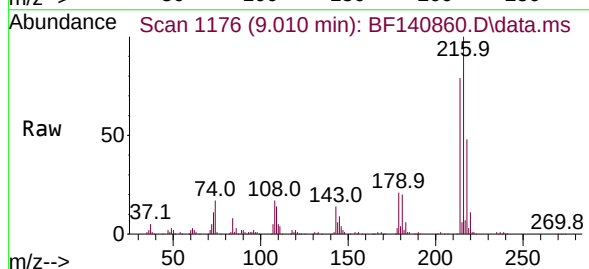
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

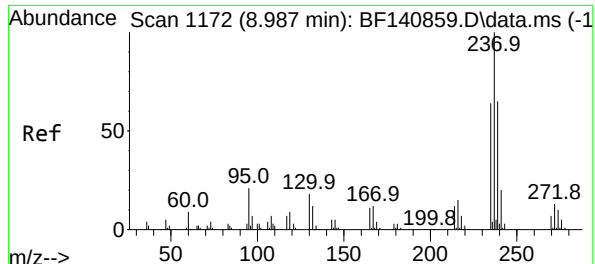
Tgt Ion:164 Resp: 172713
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.8 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.837 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:216 Resp: 248636
Ion Ratio Lower Upper
216 100
214 78.7 63.6 95.4
179 21.4 17.0 25.4
108 17.8 14.2 21.2

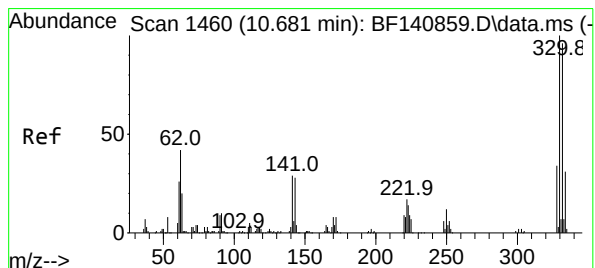
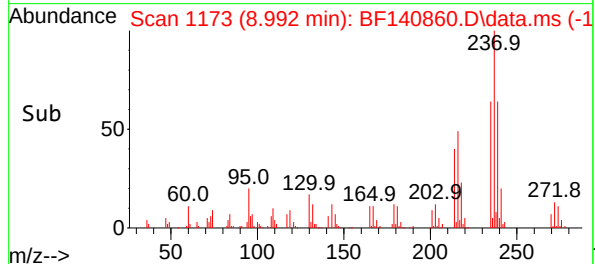
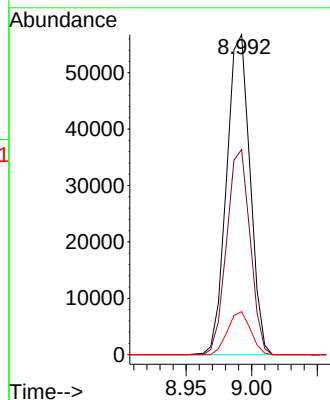
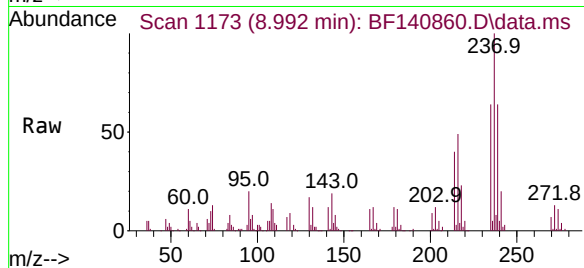




#41
Hexachlorocyclopentadiene
Concen: 50.029 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

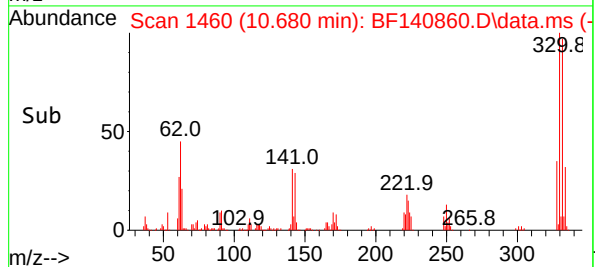
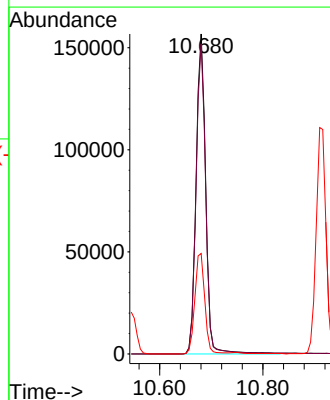
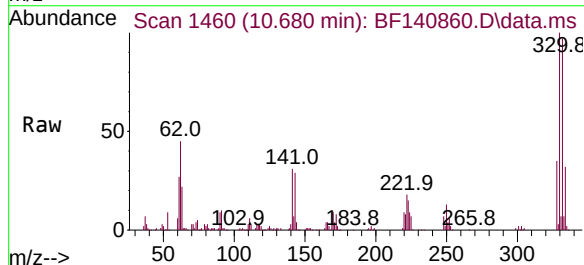
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

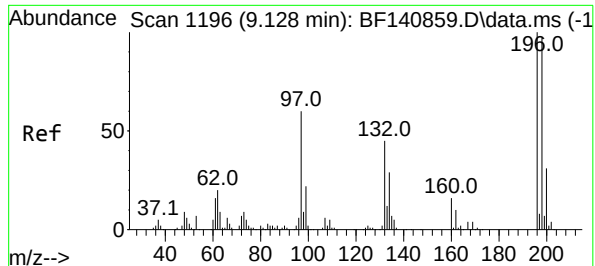
Tgt Ion:237 Resp: 70543
Ion Ratio Lower Upper
237 100
235 64.1 43.7 83.7
272 13.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 99.228 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:330 Resp: 202693
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 32.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 47.487 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

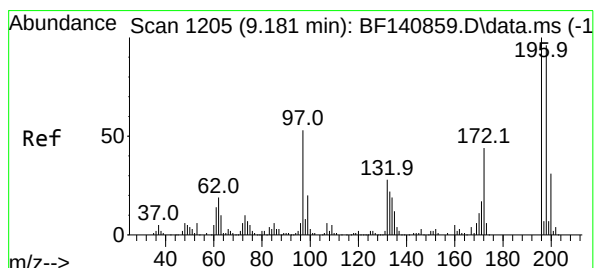
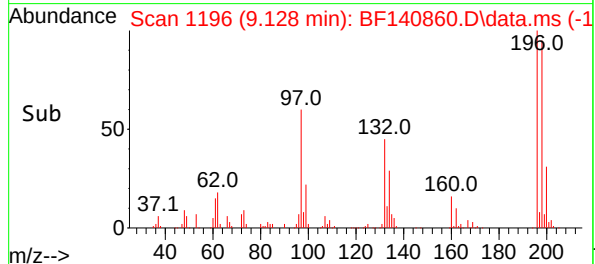
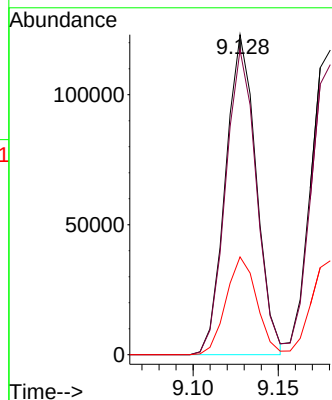
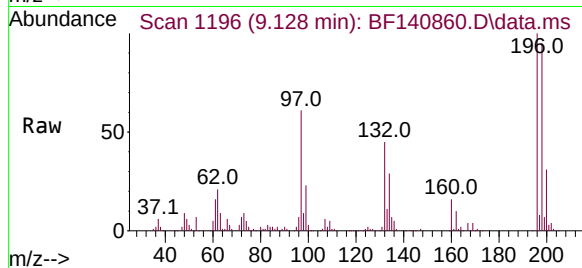
Tgt Ion:196 Resp: 154361

Ion Ratio Lower Upper

196 100

198 95.3 77.4 116.0

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 47.697 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Tgt Ion:196 Resp: 170411

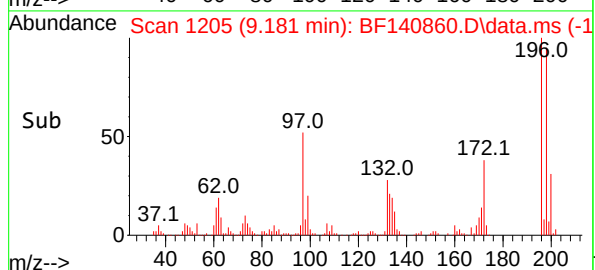
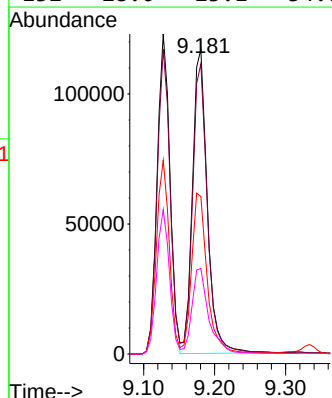
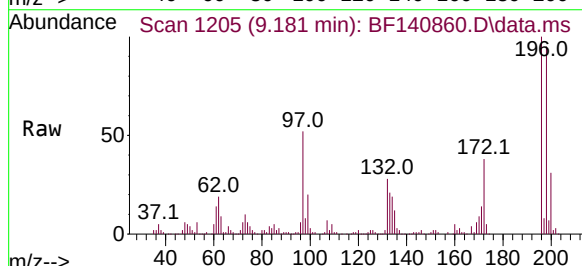
Ion Ratio Lower Upper

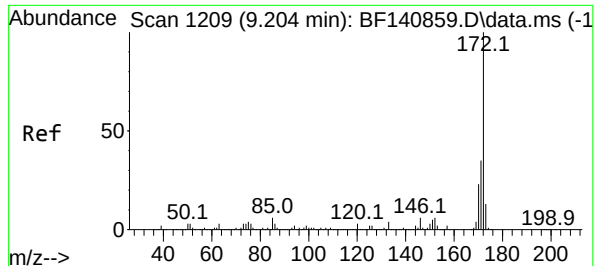
196 100

198 95.2 77.2 115.8

97 51.7 42.2 63.4

132 28.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 92.444 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

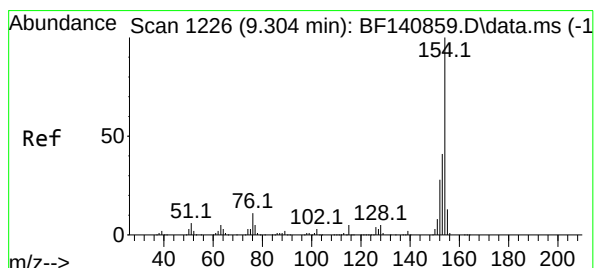
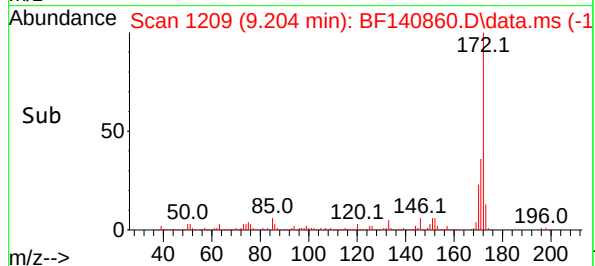
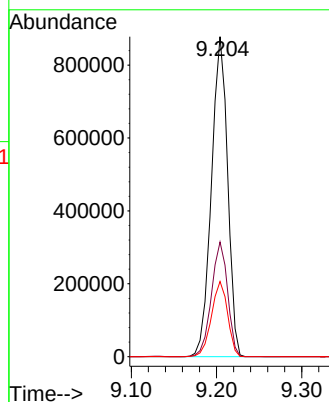
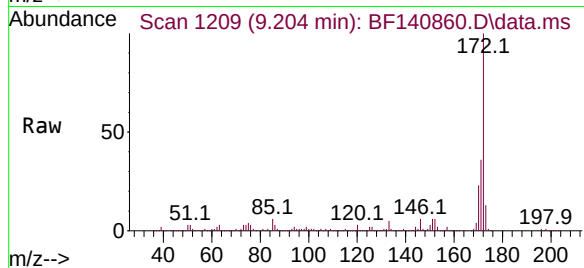
Tgt Ion:172 Resp: 1161315

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.001 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

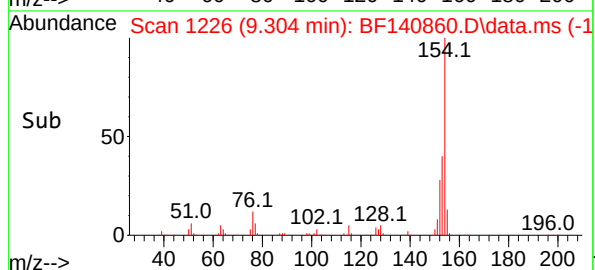
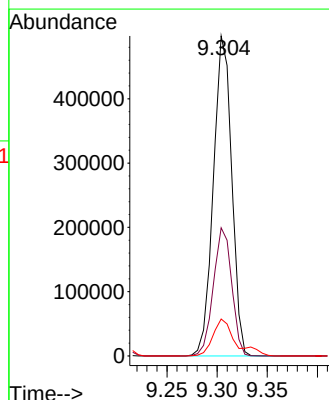
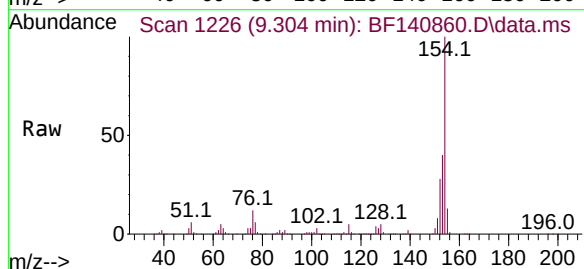
Tgt Ion:154 Resp: 631768

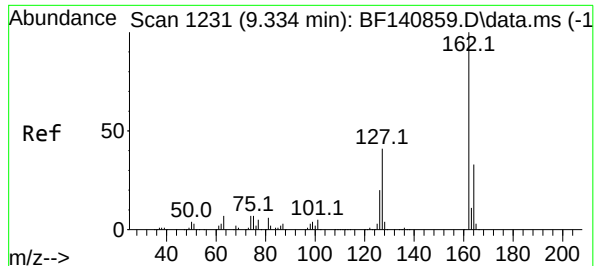
Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.194 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

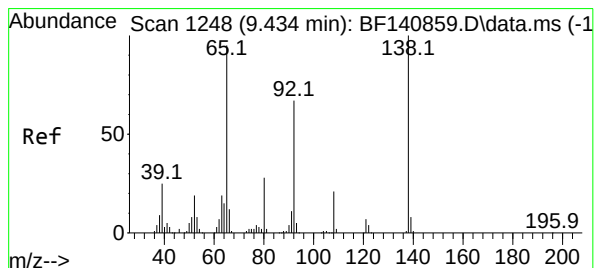
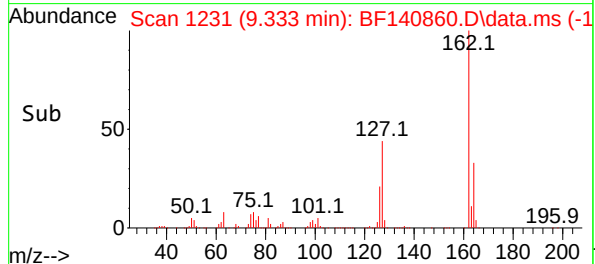
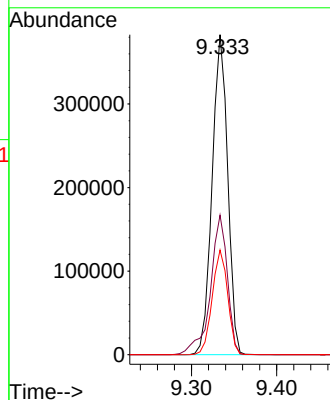
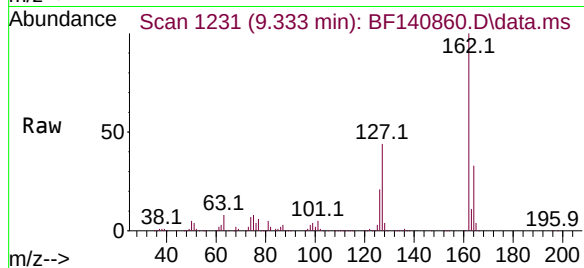
Tgt Ion:162 Resp: 485339

Ion Ratio Lower Upper

162 100

127 43.6 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 46.359 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

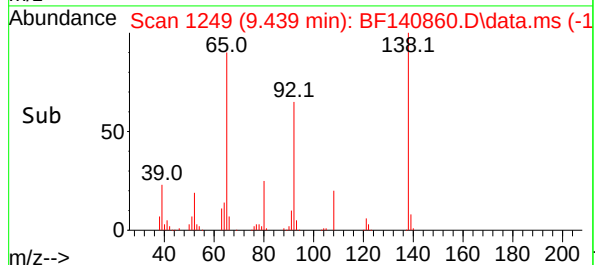
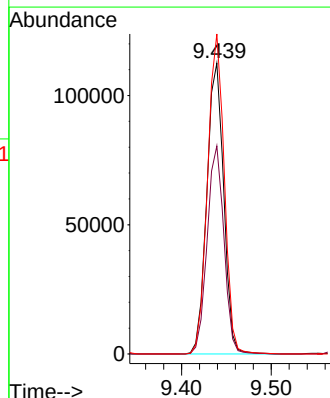
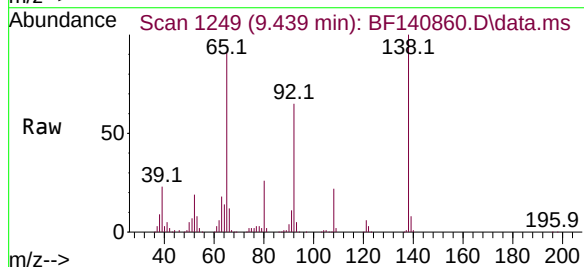
Tgt Ion: 65 Resp: 147104

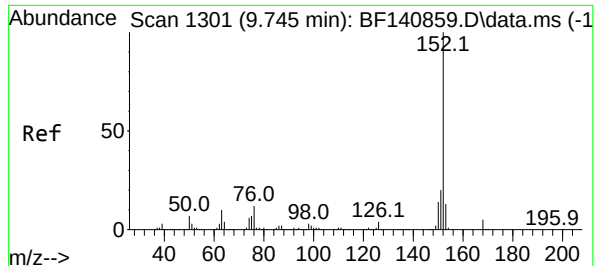
Ion Ratio Lower Upper

65 100

92 71.5 56.3 84.5

138 110.0 83.8 125.6





#49

Acenaphthylene

Concen: 47.437 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

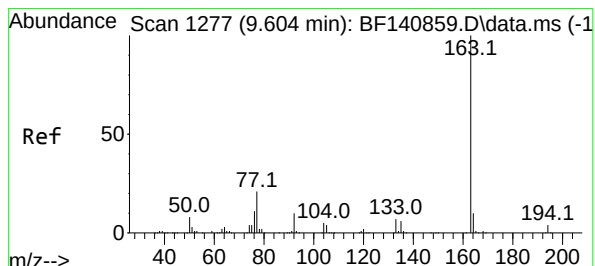
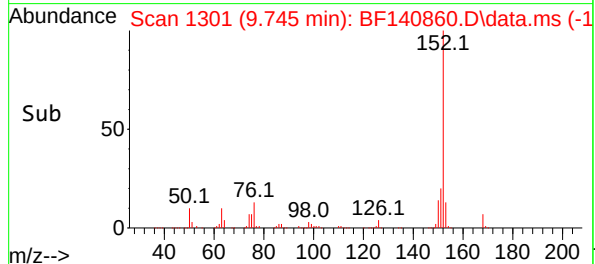
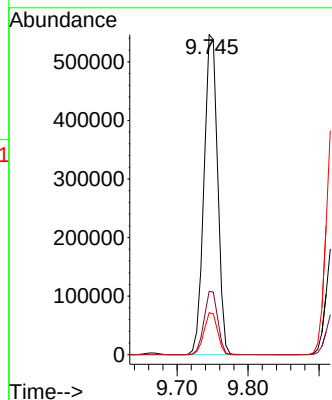
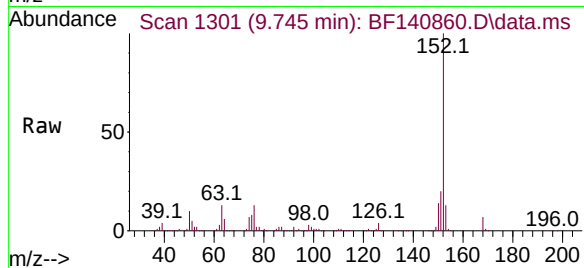
Tgt Ion:152 Resp: 732431

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 46.392 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

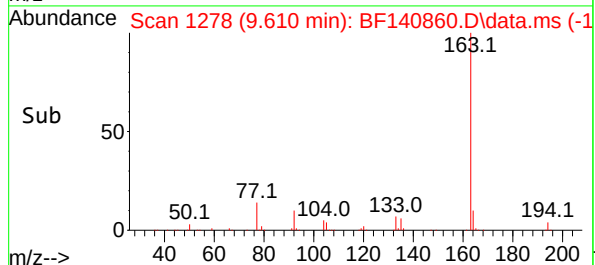
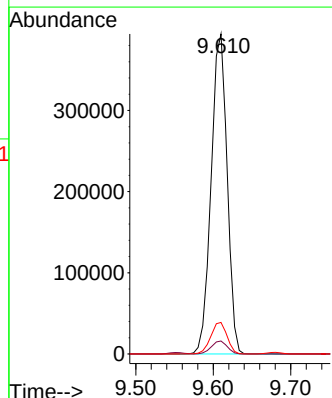
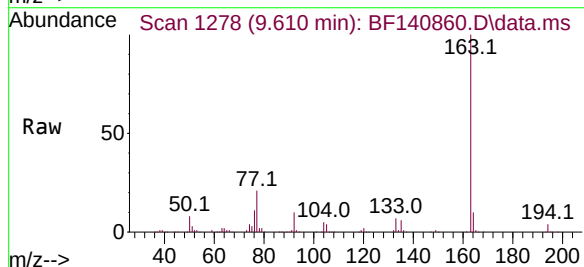
Tgt Ion:163 Resp: 564903

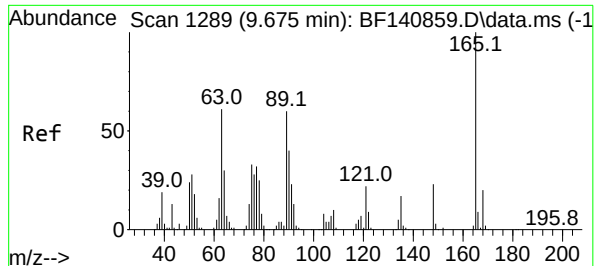
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.039 ng

RT: 9.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

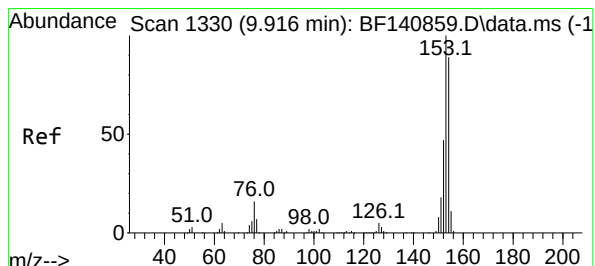
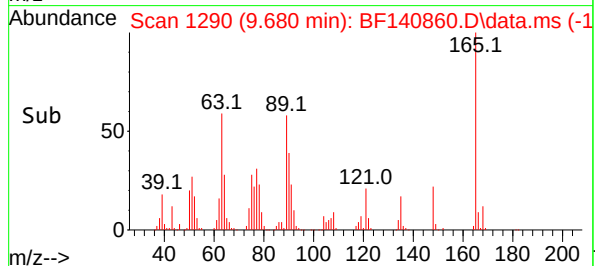
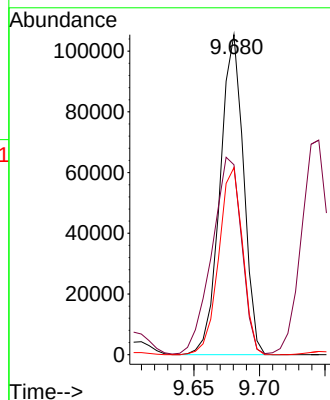
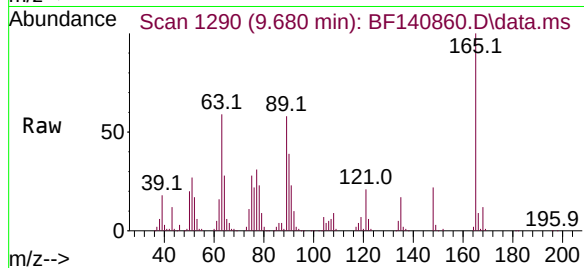
Tgt Ion:165 Resp: 130941

Ion Ratio Lower Upper

165 100

63 59.4 49.7 74.5

89 58.5 48.2 72.4



#52

Acenaphthene

Concen: 48.175 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

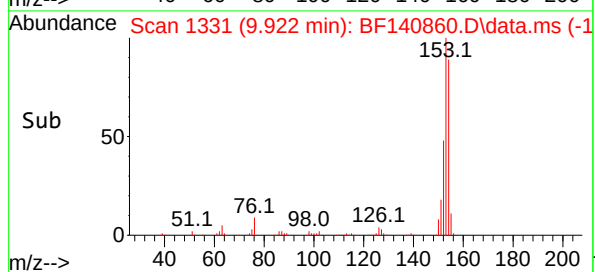
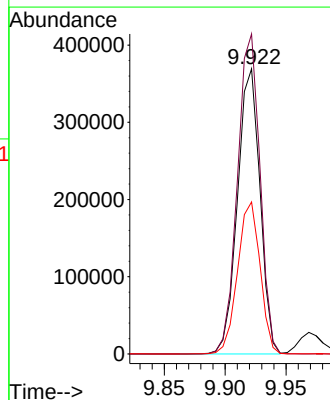
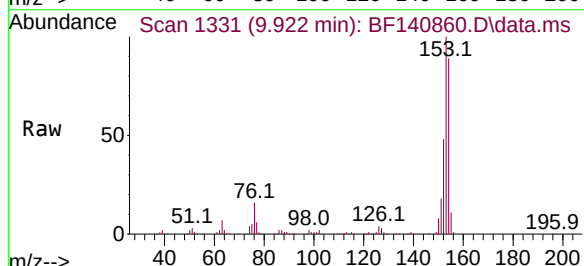
Tgt Ion:154 Resp: 475150

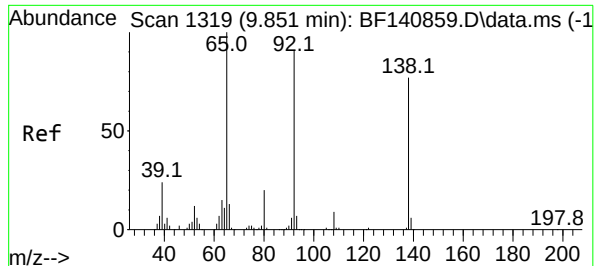
Ion Ratio Lower Upper

154 100

153 112.2 89.9 134.9

152 53.3 42.6 63.8

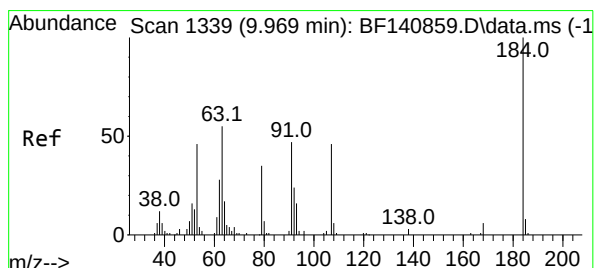
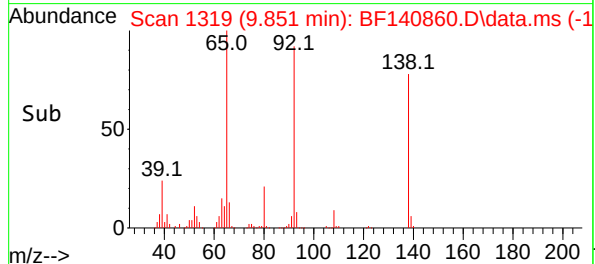
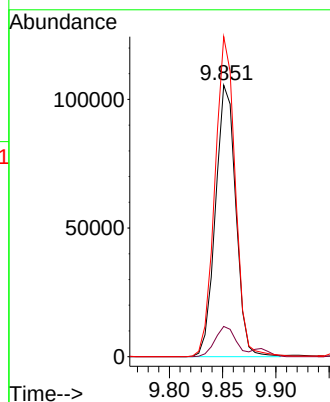
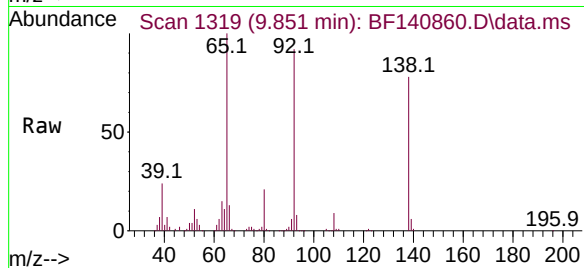




#53
3-Nitroaniline
Concen: 50.732 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

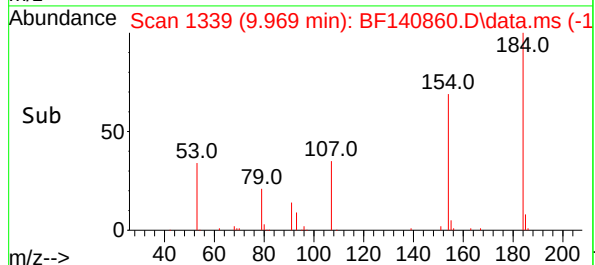
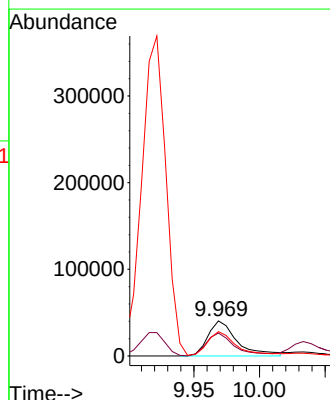
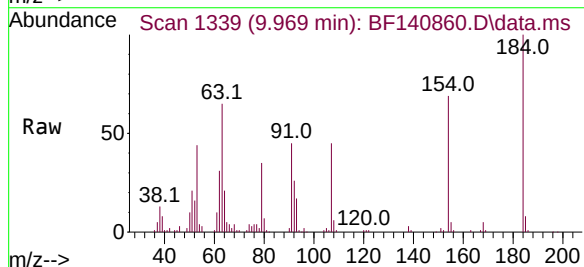
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

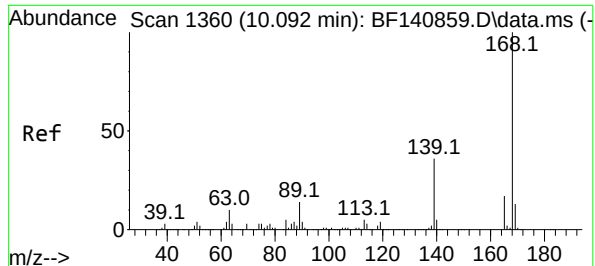
Tgt Ion:138 Resp: 140148
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 117.8 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 48.955 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:184 Resp: 62738
Ion Ratio Lower Upper
184 100
63 65.4 51.6 77.4
154 69.1 56.1 84.1





#55

Dibenzenofuran

Concen: 48.174 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

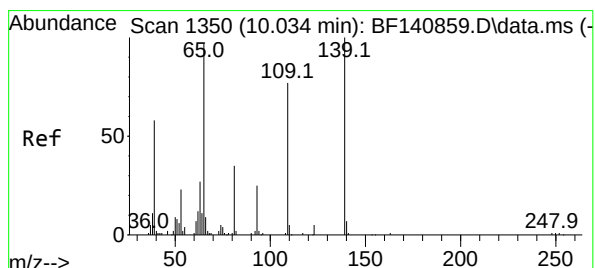
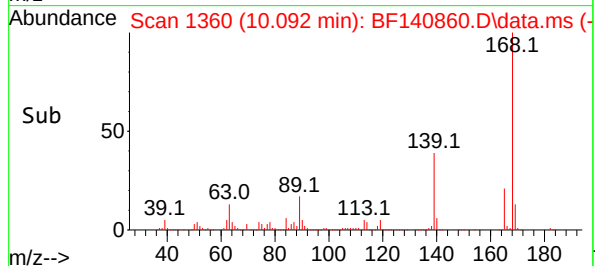
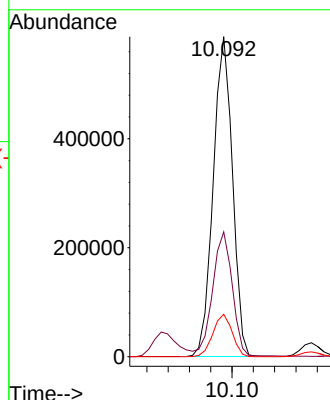
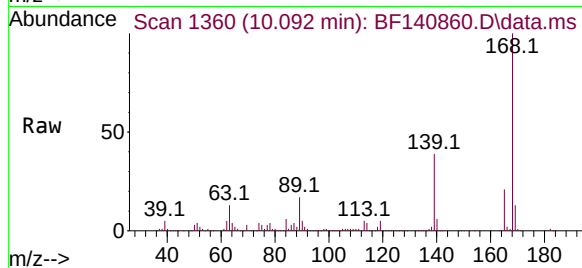
Tgt Ion:168 Resp: 736252

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 50.818 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.001 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

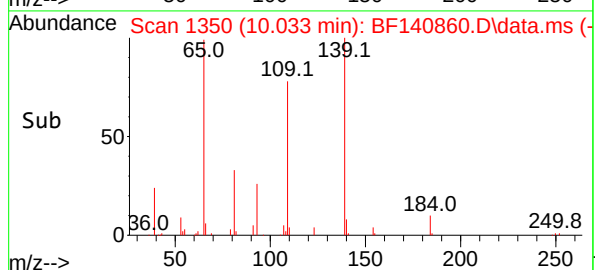
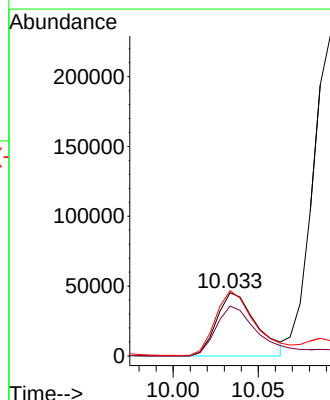
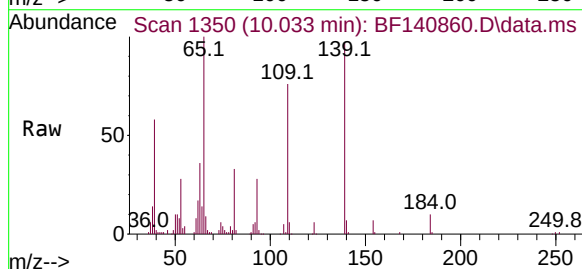
Tgt Ion:139 Resp: 72965

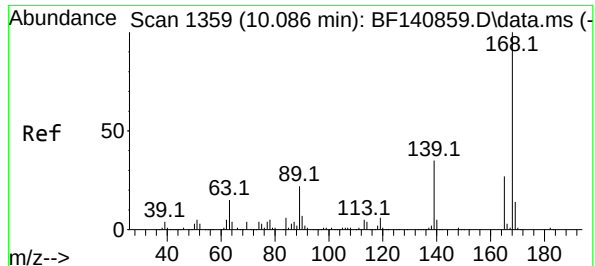
Ion Ratio Lower Upper

139 100

109 78.9 56.7 96.7

65 103.3 78.1 118.1

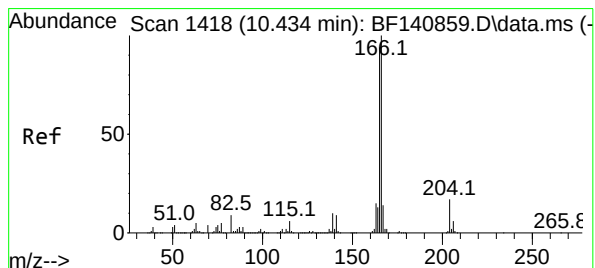
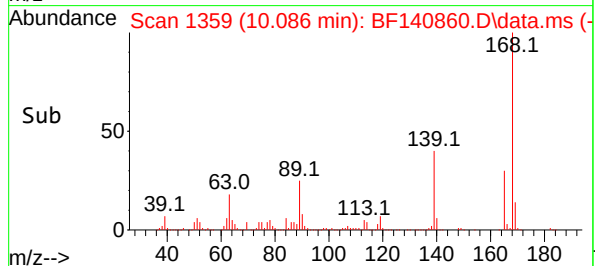
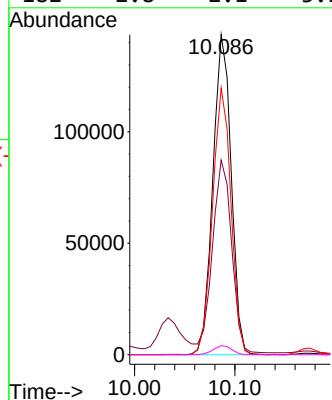
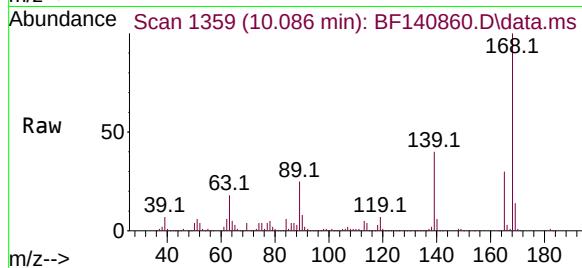




#57
2,4-Dinitrotoluene
Concen: 49.679 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

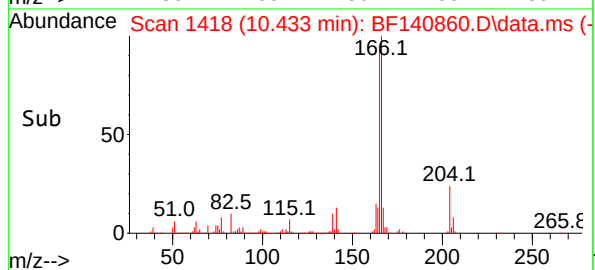
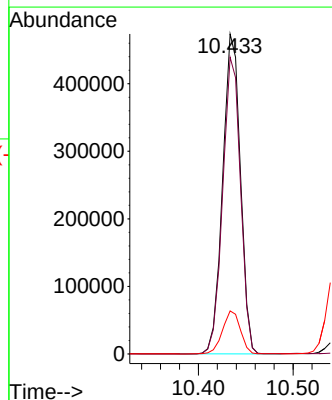
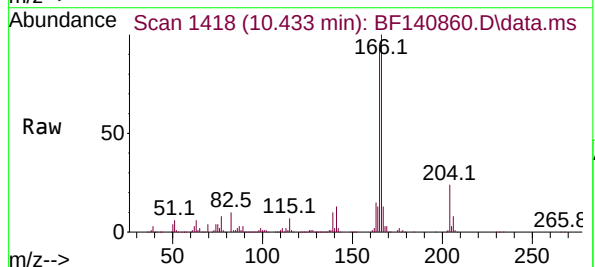
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

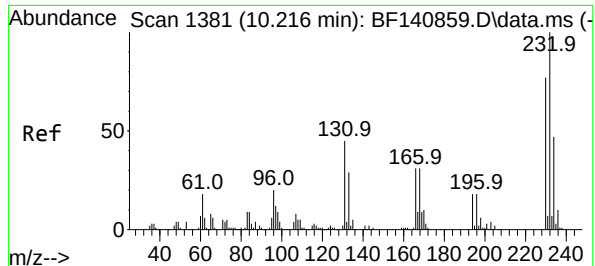
Tgt Ion:165 Resp: 181952
Ion Ratio Lower Upper
165 100
63 60.8 49.3 73.9
89 83.4 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.940 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

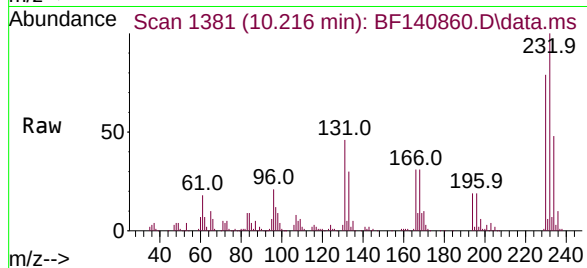
Tgt Ion:166 Resp: 617054
Ion Ratio Lower Upper
166 100
165 92.7 75.1 112.7
167 13.4 11.1 16.7



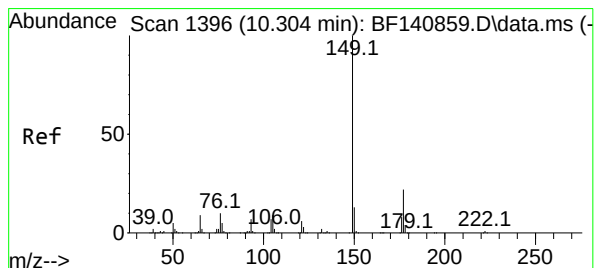
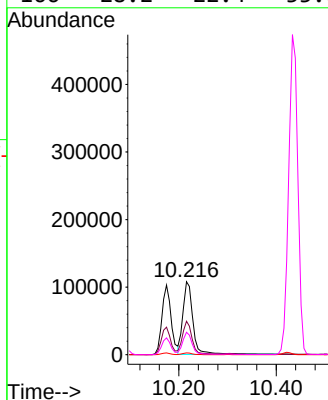
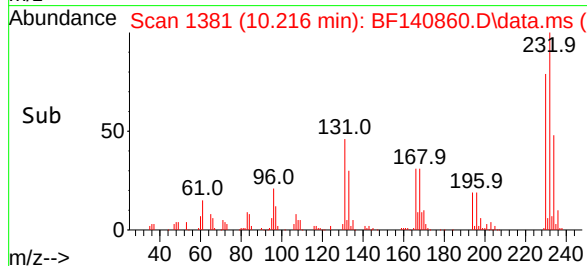


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.784 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

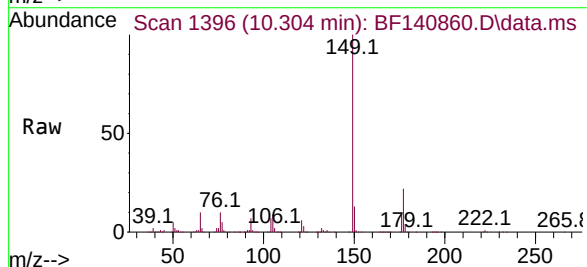
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



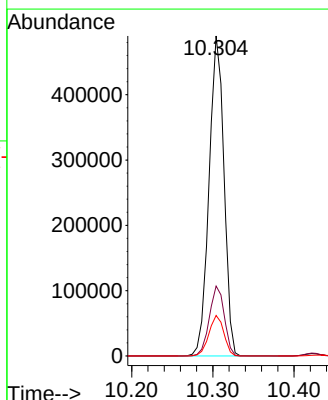
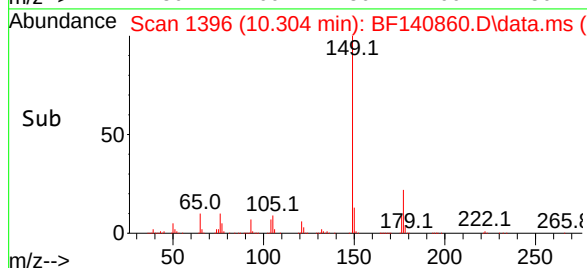
Tgt Ion:232 Resp: 153671
Ion Ratio Lower Upper
232 100
131 44.3 35.1 52.7
130 2.4 1.8 2.8
166 28.2 22.4 33.6

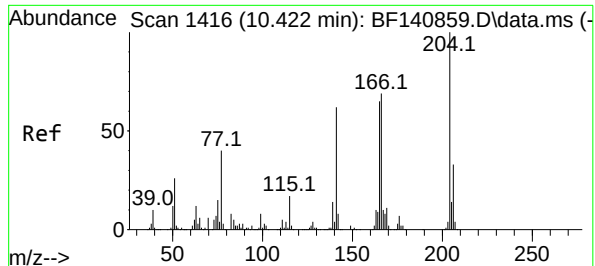


#60
Diethylphthalate
Concen: 49.463 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23



Tgt Ion:149 Resp: 624564
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.7 10.1 15.1

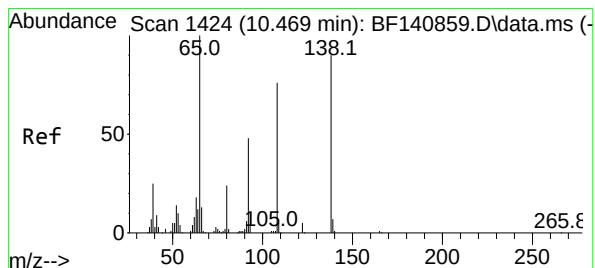
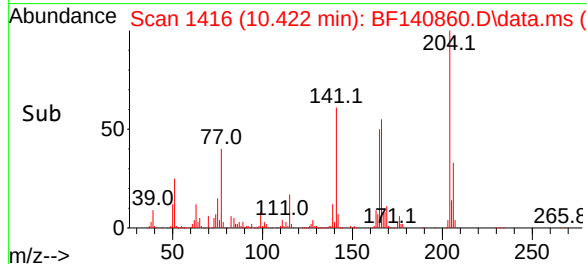
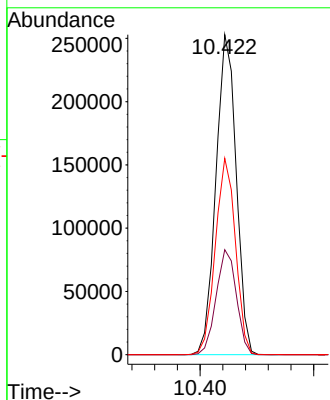
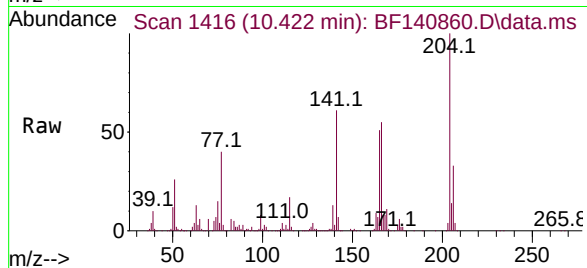




#61
4-Chlorophenyl-phenylether
Concen: 49.574 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

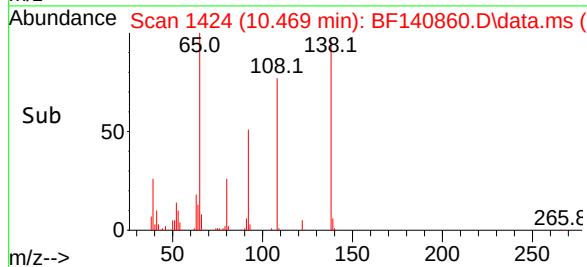
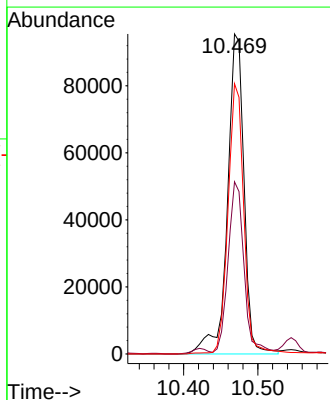
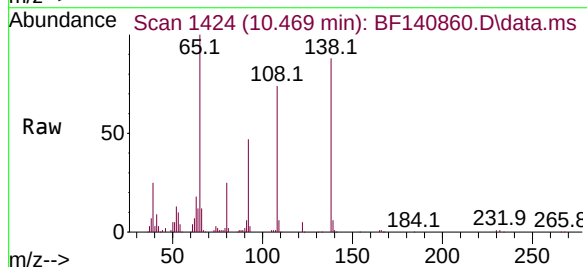
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

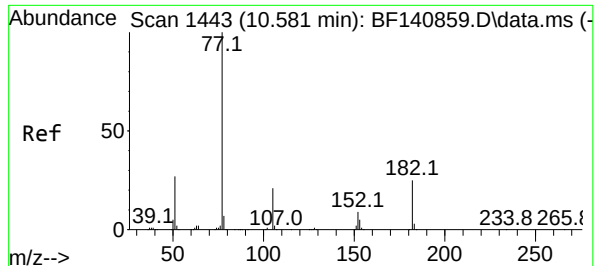
Tgt Ion:204 Resp: 313978
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.3 50.0 75.0



#62
4-Nitroaniline
Concen: 51.356 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:138 Resp: 148255
Ion Ratio Lower Upper
138 100
92 53.8 32.6 72.6
108 84.4 64.1 104.1

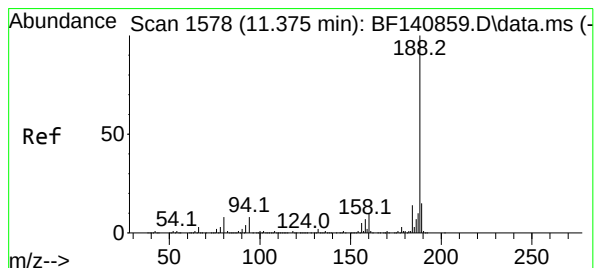
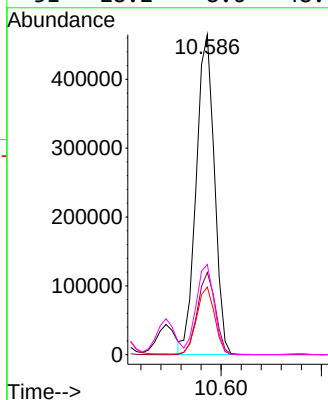
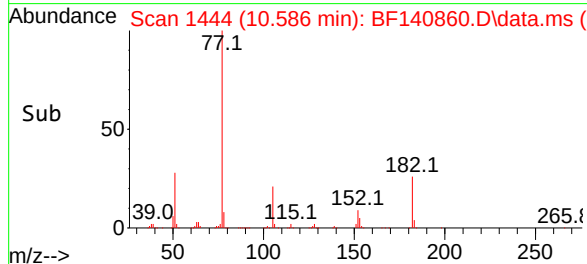
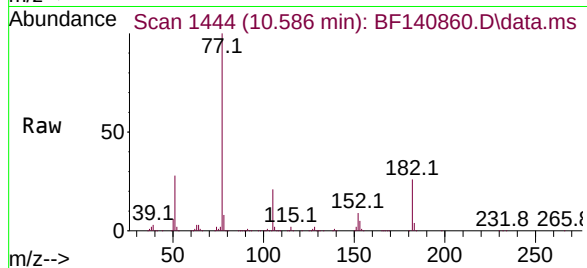




#63
Azobenzene
Concen: 49.412 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

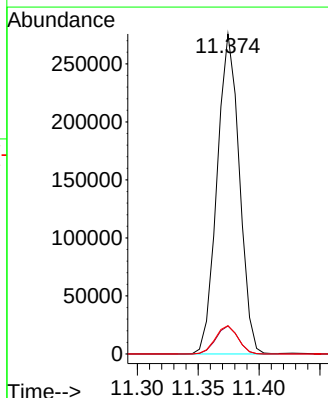
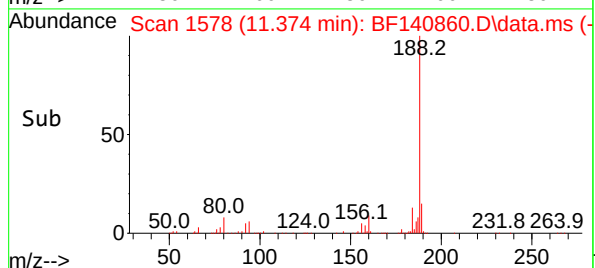
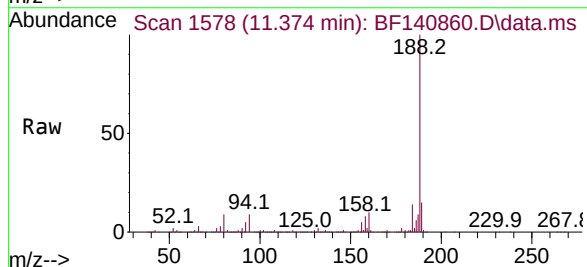
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

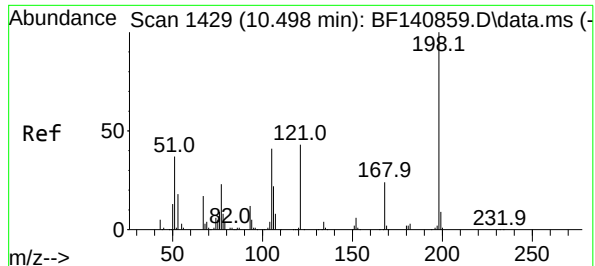
Tgt Ion:	77	Resp:	586556
Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.5	44.5
105	21.1	0.9	40.9
51	28.2	8.6	48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:	188	Resp:	351718
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.4	9.6
80	8.9	6.8	10.2

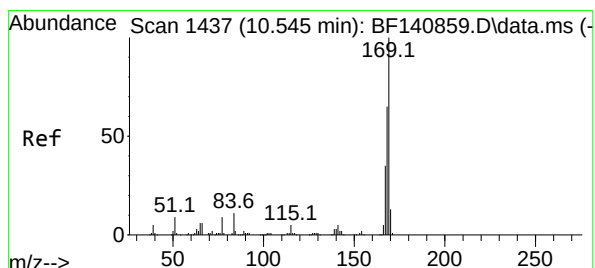
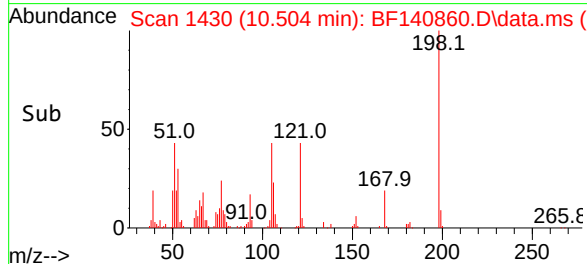
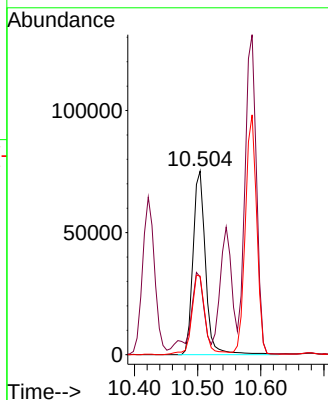
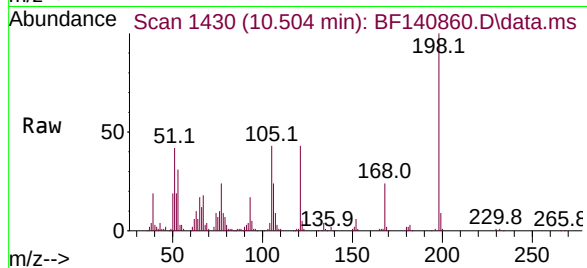




#65
4,6-Dinitro-2-methylphenol
Concen: 51.936 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

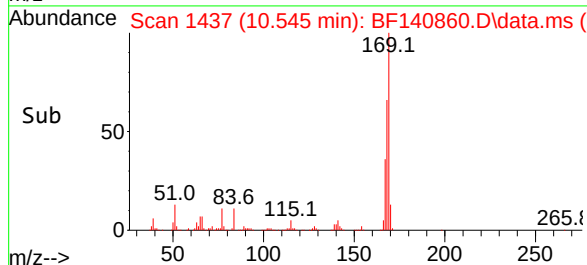
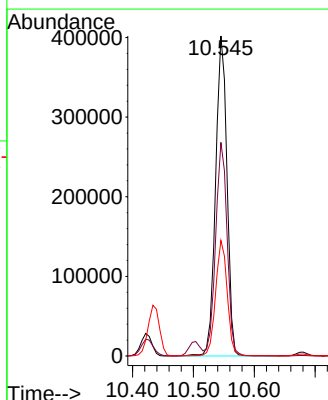
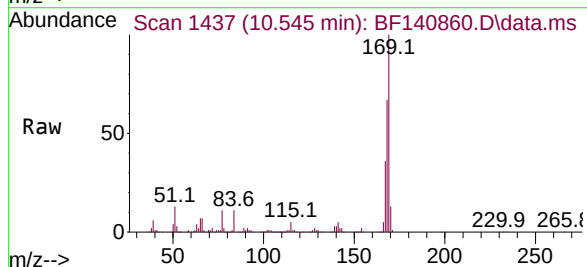
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

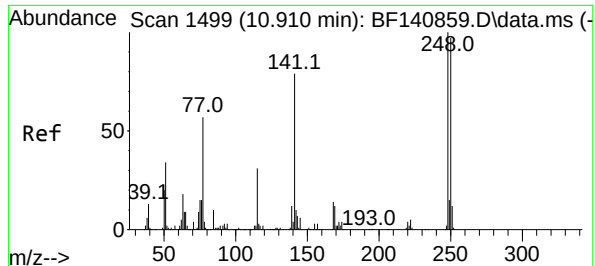
Tgt Ion:198 Resp: 103510
Ion Ratio Lower Upper
198 100
51 42.3 24.4 64.4
105 42.8 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 48.132 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:169 Resp: 520491
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.1 28.3 42.5

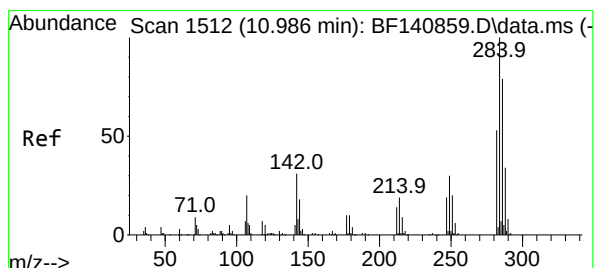
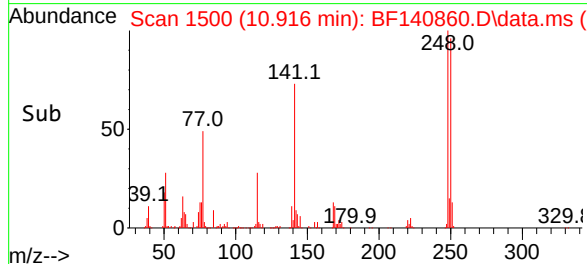
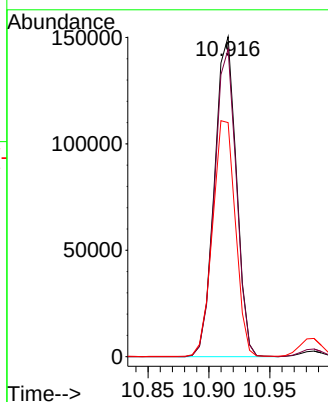
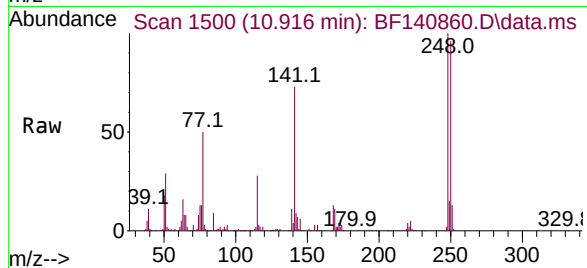




#67
4-Bromophenyl-phenylether
Concen: 47.888 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

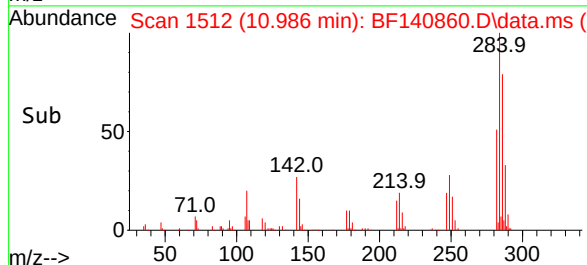
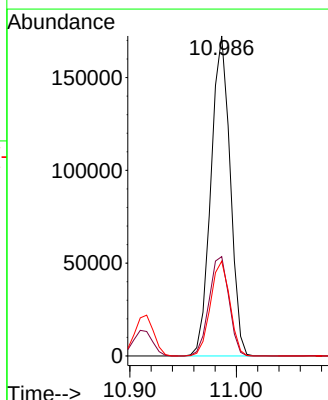
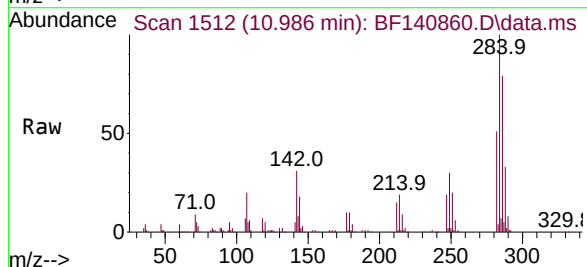
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

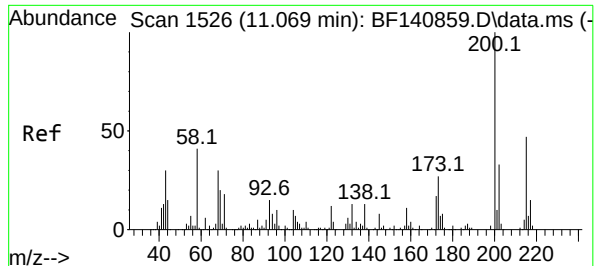
Tgt Ion:248 Resp: 188429
Ion Ratio Lower Upper
248 100
250 96.1 77.4 116.2
141 73.1 62.9 94.3



#68
Hexachlorobenzene
Concen: 48.252 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:284 Resp: 215259
Ion Ratio Lower Upper
284 100
142 31.0 24.6 36.8
249 29.6 24.3 36.5





#69

Atrazine

Concen: 44.493 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

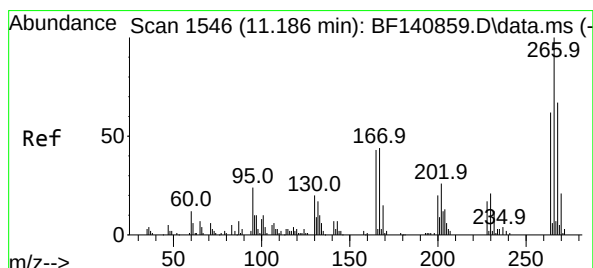
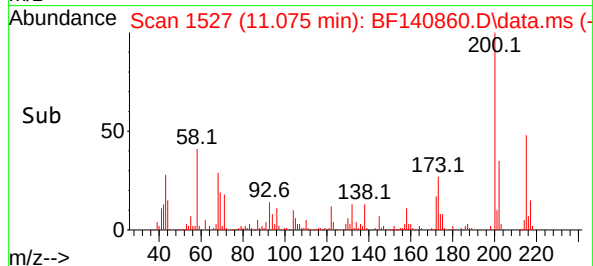
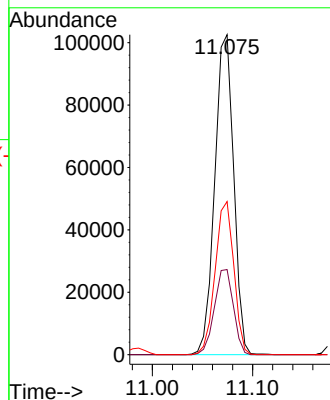
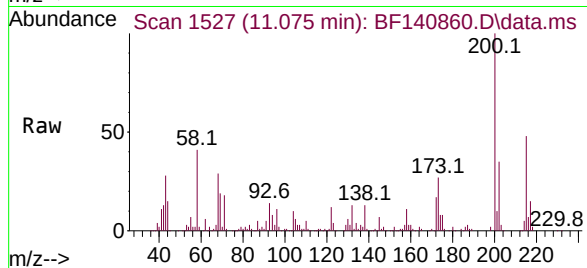
Tgt Ion:200 Resp: 134376

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 47.8 26.7 66.7



#70

Pentachlorophenol

Concen: 55.046 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

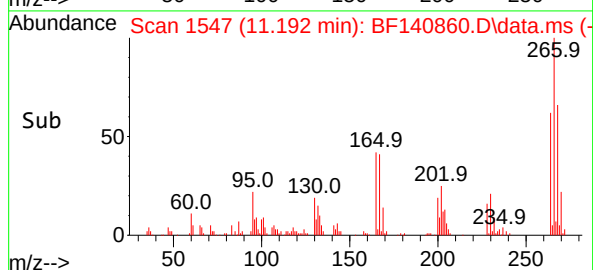
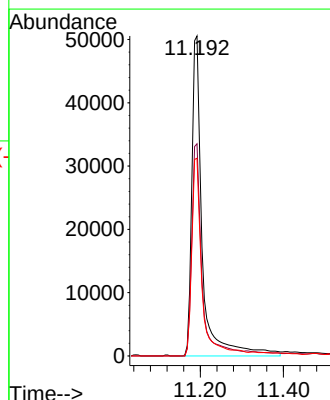
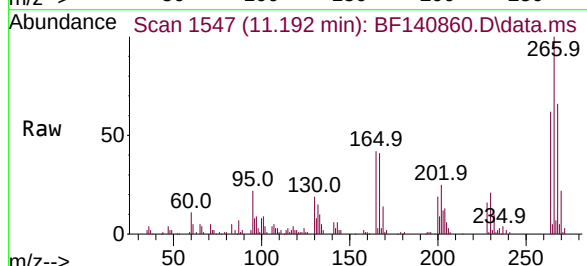
Tgt Ion:266 Resp: 89834

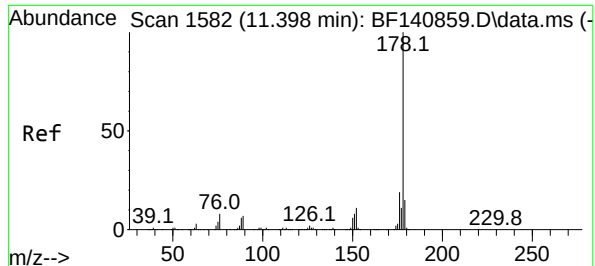
Ion Ratio Lower Upper

266 100

268 66.3 54.0 81.0

264 61.8 49.4 74.2

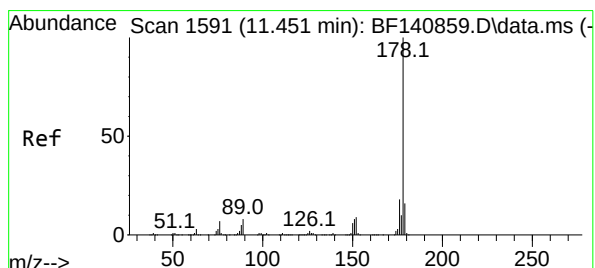
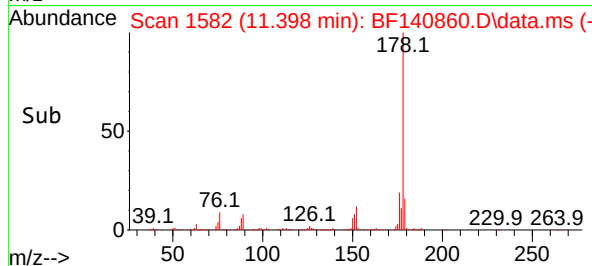
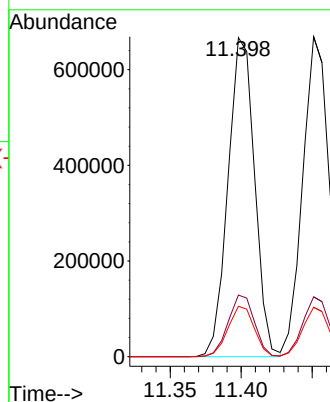
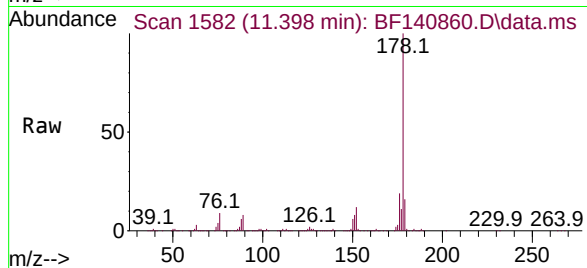




#71
Phenanthrene
Concen: 48.009 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

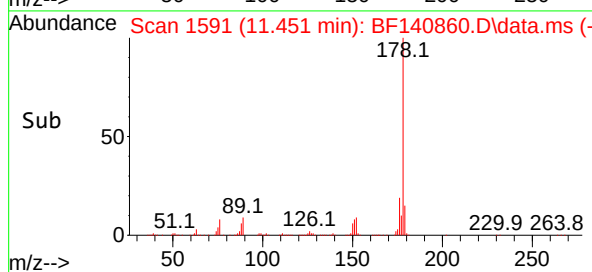
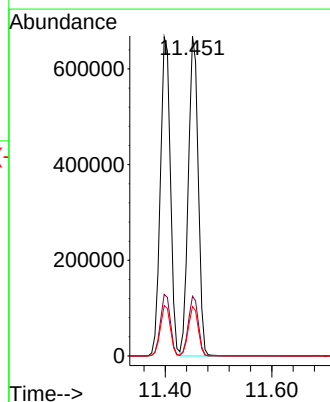
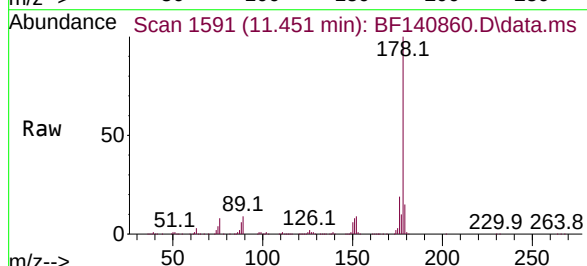
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

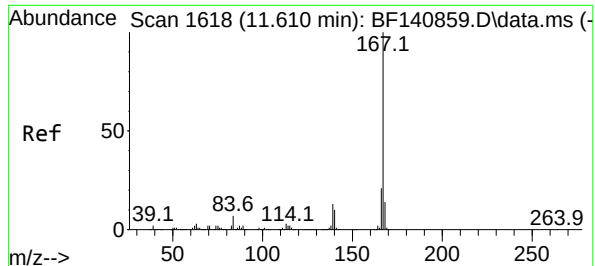
Tgt Ion:178 Resp: 868333
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.1 18.1



#72
Anthracene
Concen: 48.285 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:178 Resp: 860045
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.5 12.6 18.8

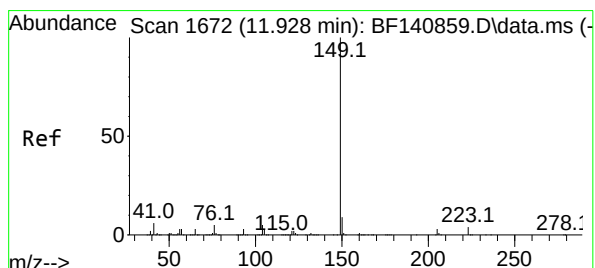
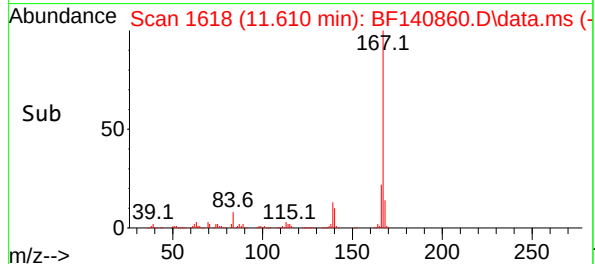
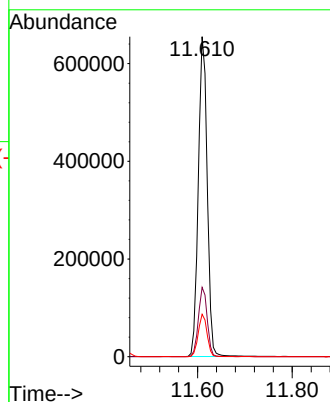
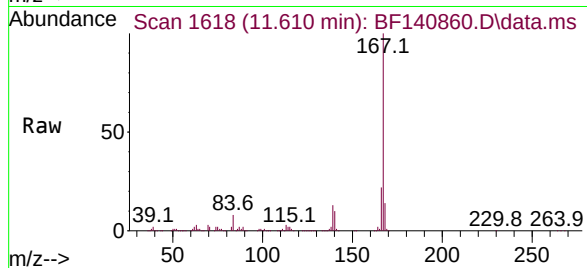




#73
Carbazole
Concen: 48.990 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

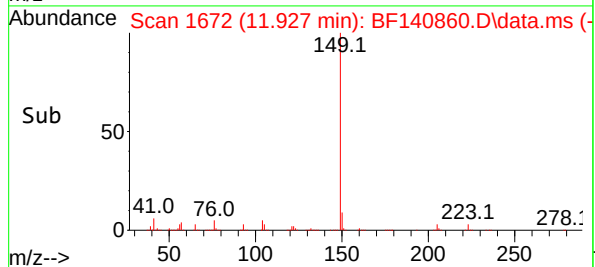
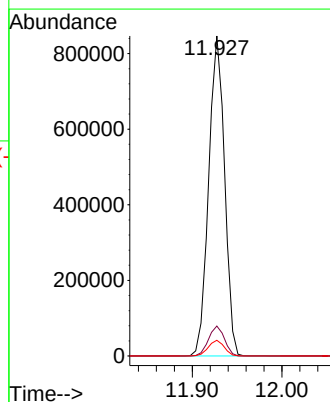
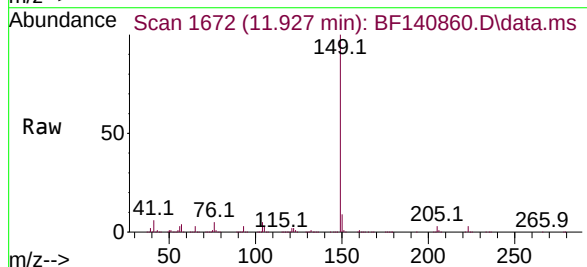
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

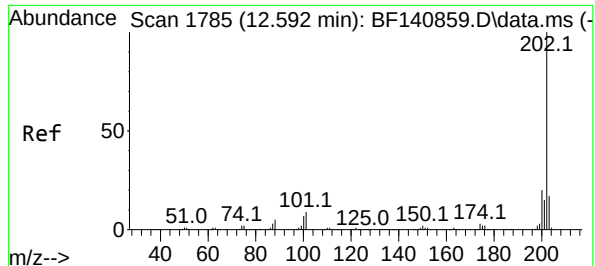
Tgt Ion:167 Resp: 854710
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 50.870 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:149 Resp: 1041587
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.9 3.8 5.8

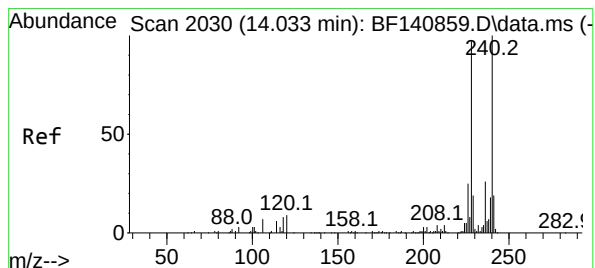
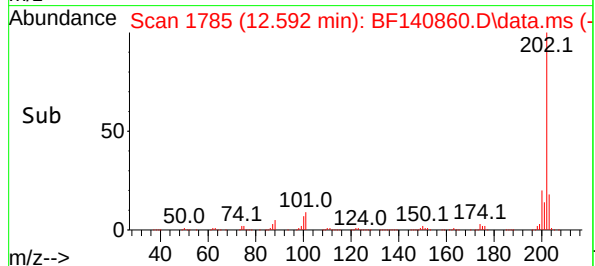
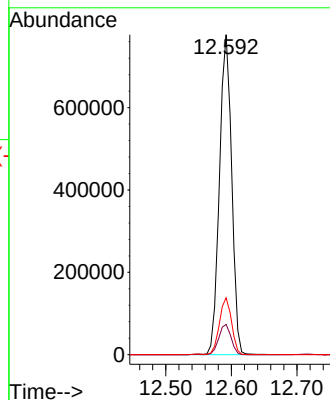
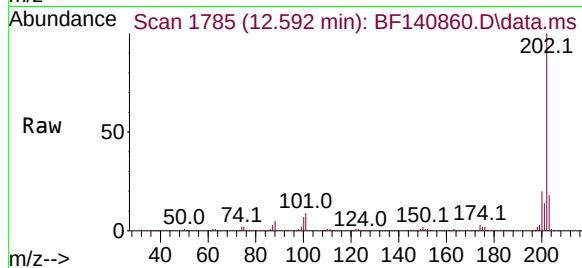




#75
Fluoranthene
Concen: 48.026 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

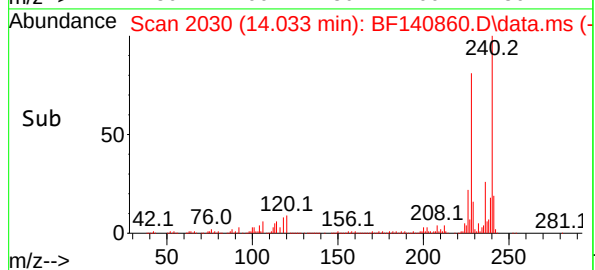
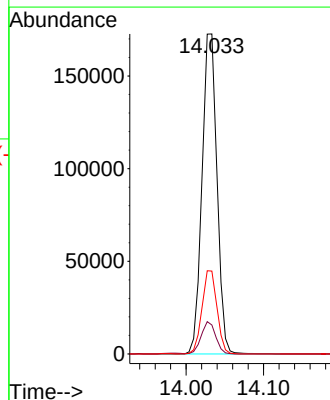
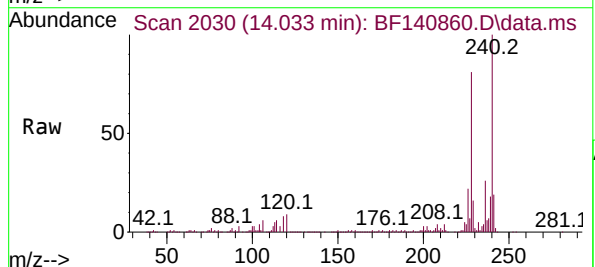
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

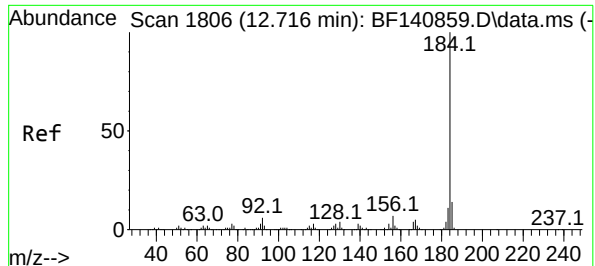
Tgt Ion:202 Resp: 1000374
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:240 Resp: 231973
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 25.9 20.5 30.7

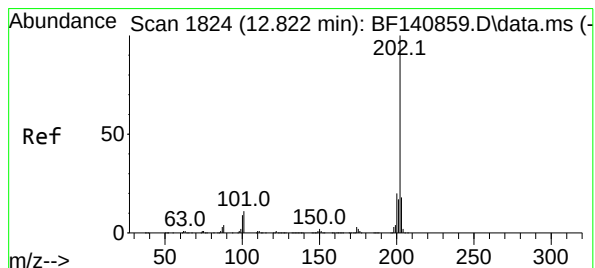
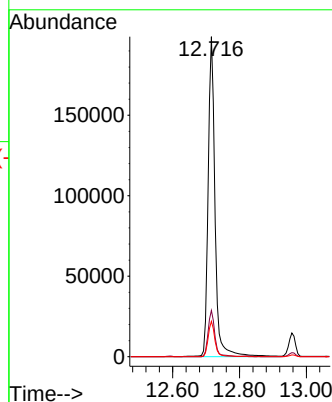
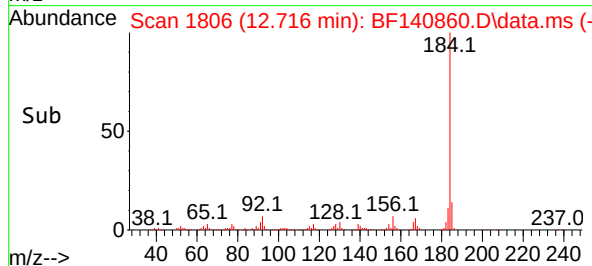
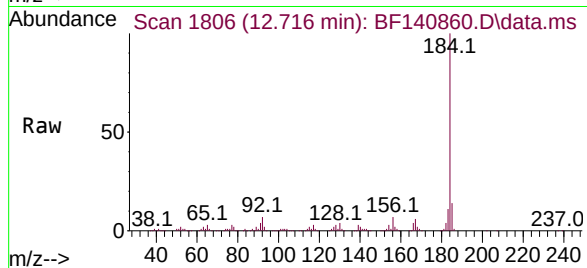




#77
Benzidine
Concen: 60.340 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

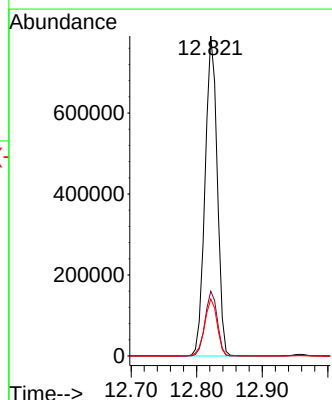
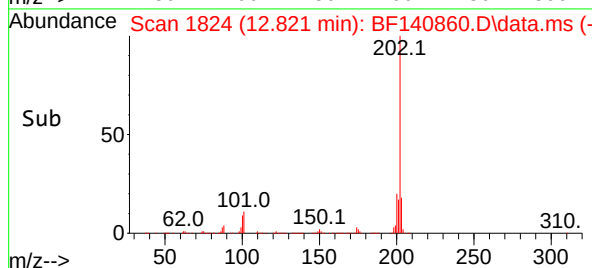
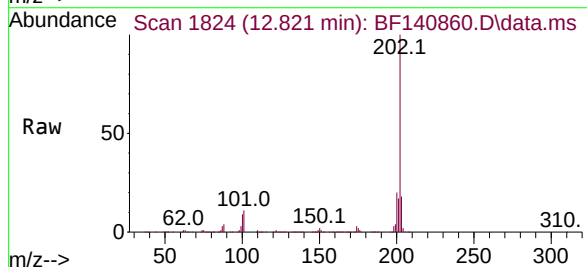
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

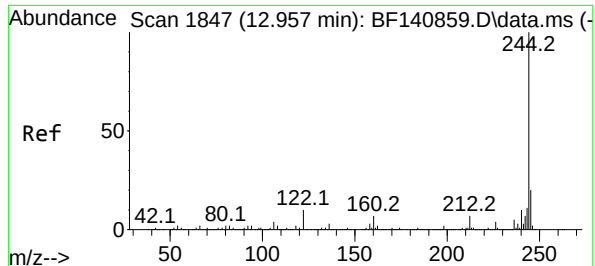
Tgt Ion:184 Resp: 285677
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.1 9.0 13.4



#78
Pyrene
Concen: 49.516 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:202 Resp: 1021434
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 95.545 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140860.D

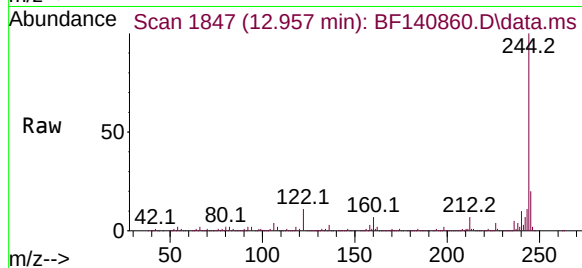
Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



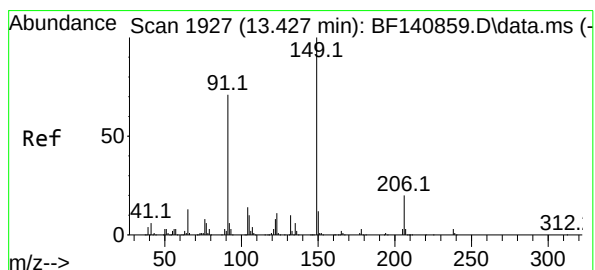
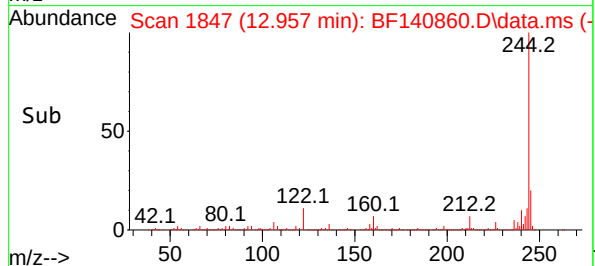
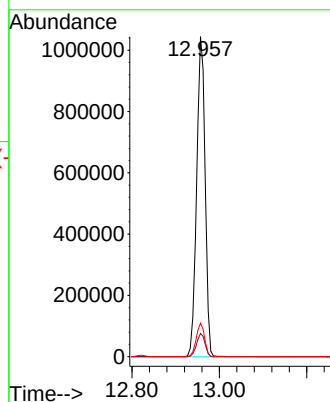
Tgt Ion:244 Resp: 1405567

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 51.343 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

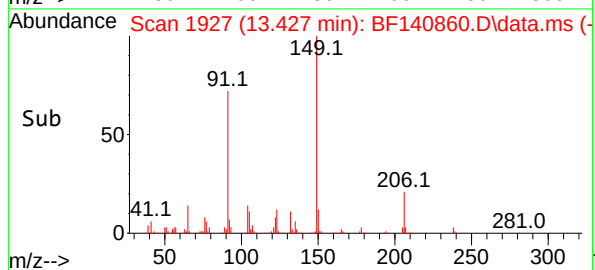
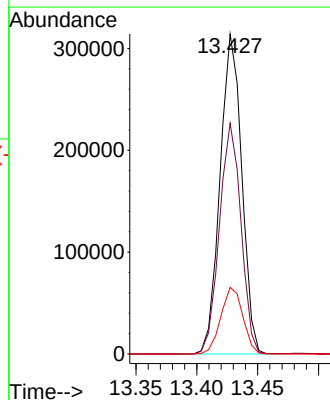
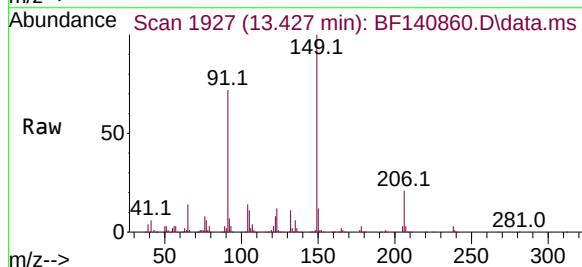
Tgt Ion:149 Resp: 389705

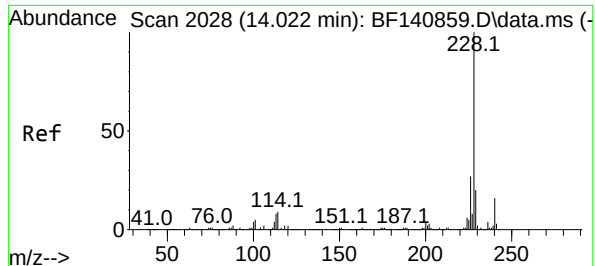
Ion Ratio Lower Upper

149 100

91 72.1 56.7 85.1

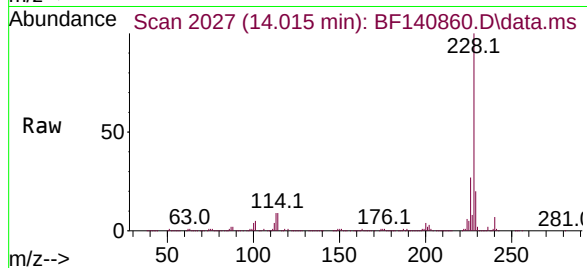
206 20.8 16.4 24.6



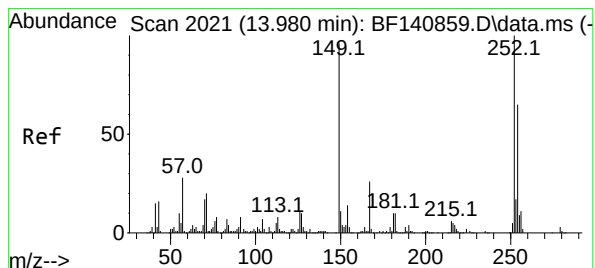
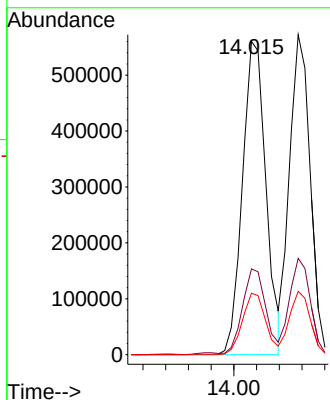
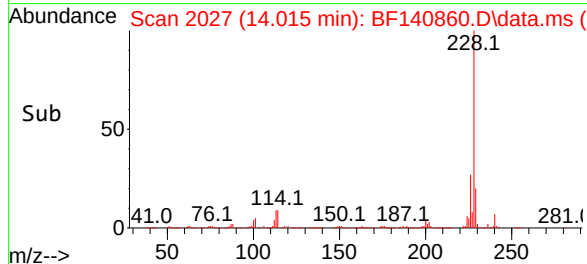


#81
Benzo(a)anthracene
Concen: 48.956 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

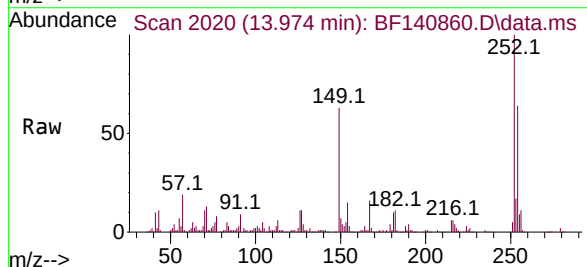
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



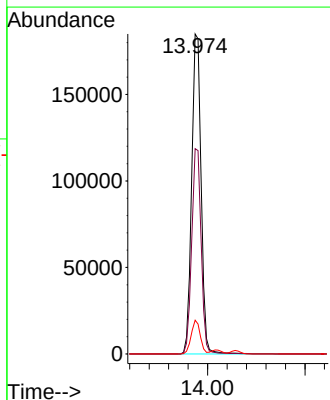
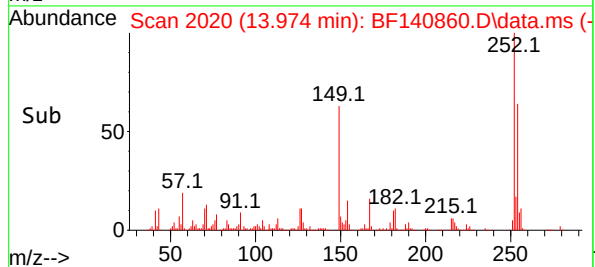
Tgt Ion:228 Resp: 804868
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 15.8 23.8

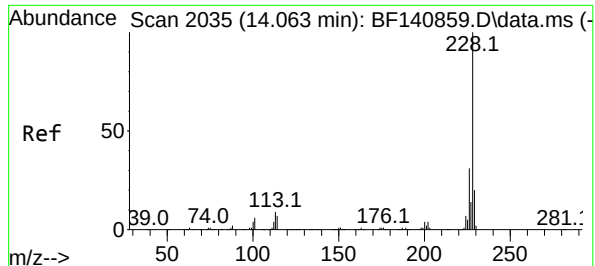


#82
3,3'-Dichlorobenzidine
Concen: 50.470 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23



Tgt Ion:252 Resp: 250344
Ion Ratio Lower Upper
252 100
254 64.2 52.3 78.5
126 10.6 8.4 12.6

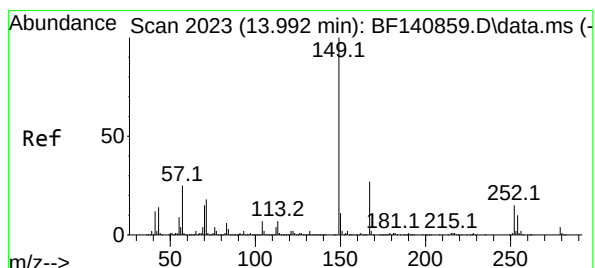
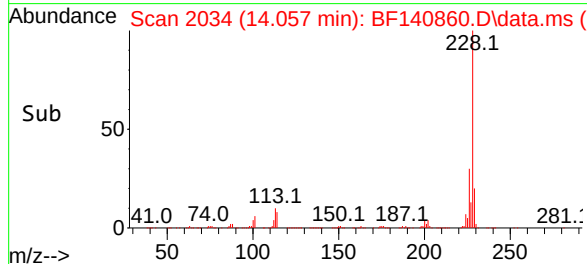
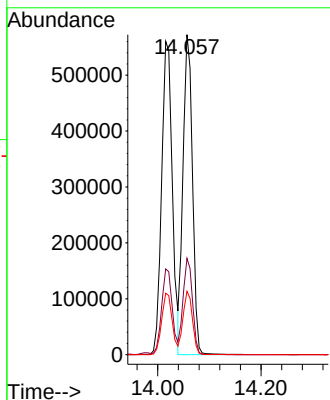
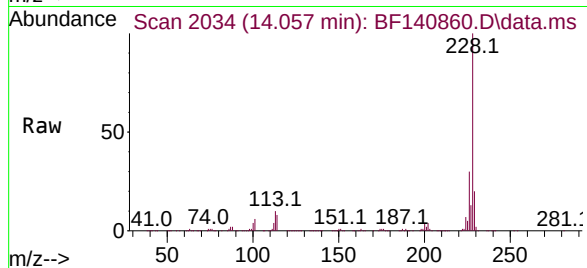




#83
Chrysene
Concen: 48.661 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

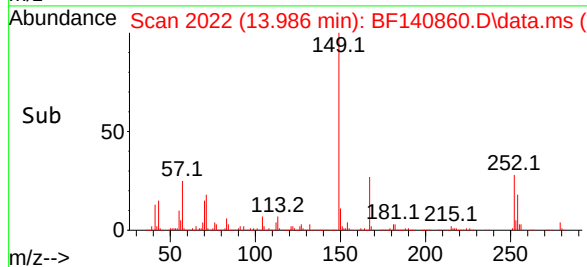
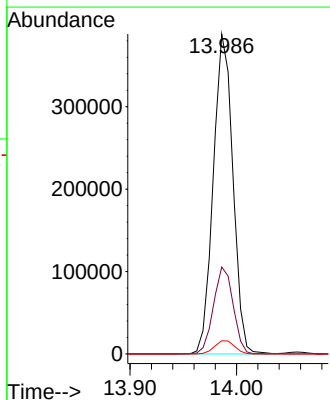
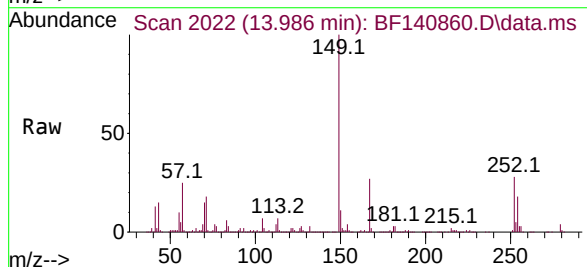
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

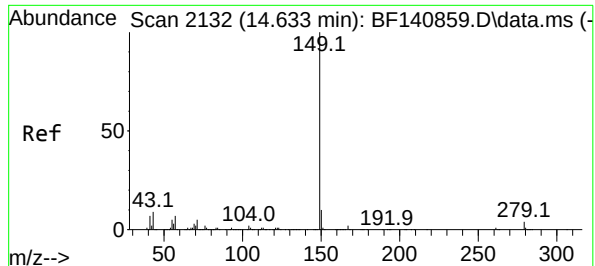
Tgt Ion:228 Resp: 727490
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.642 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:149 Resp: 495633
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.8
279 4.1 3.5 5.3

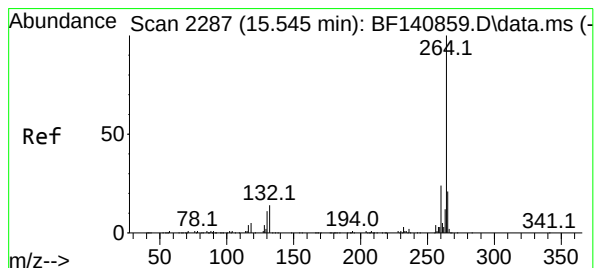
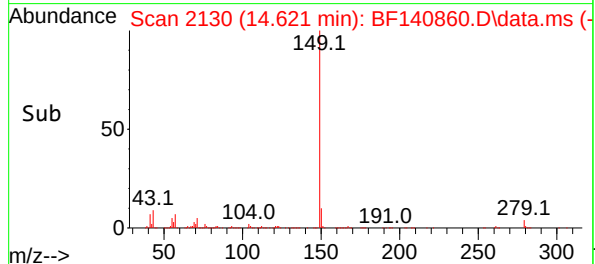
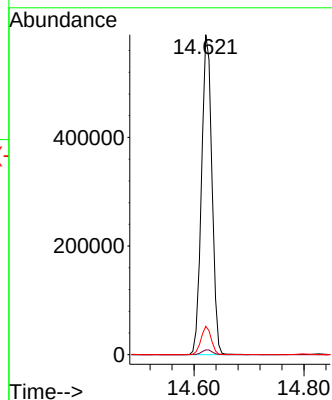
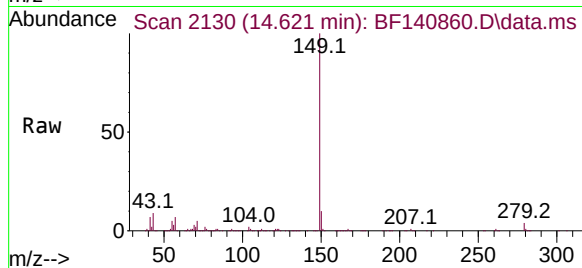




#85
Di-n-octyl phthalate
Concen: 52.530 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

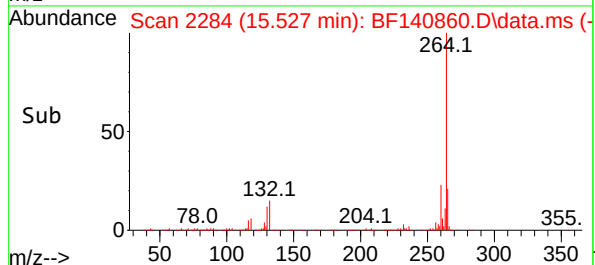
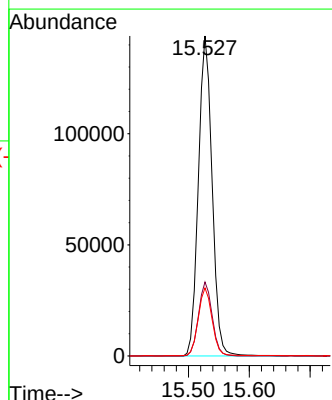
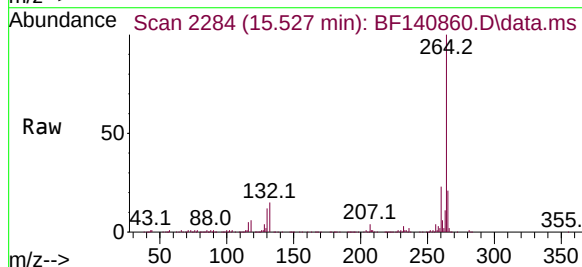
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

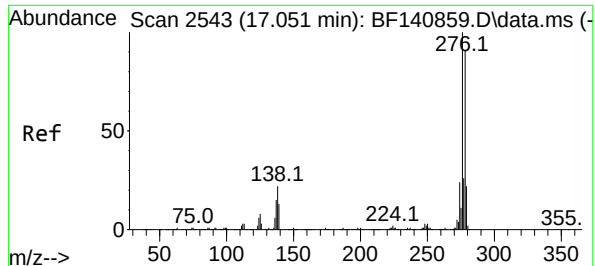
Tgt Ion:149 Resp: 777794
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:264 Resp: 225570
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.2 17.0 25.4

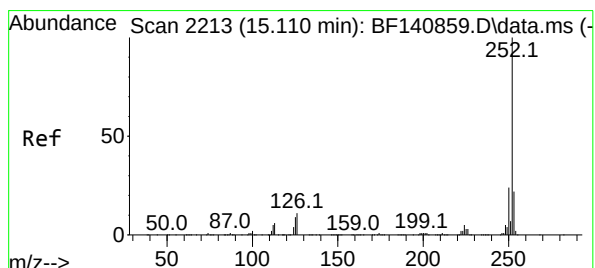
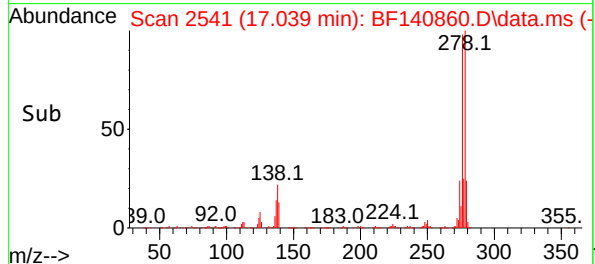
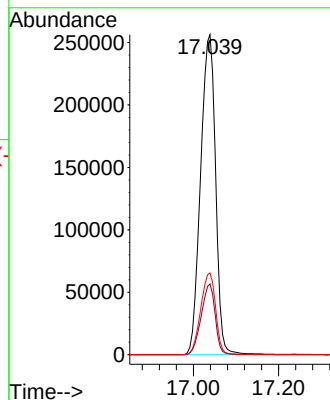
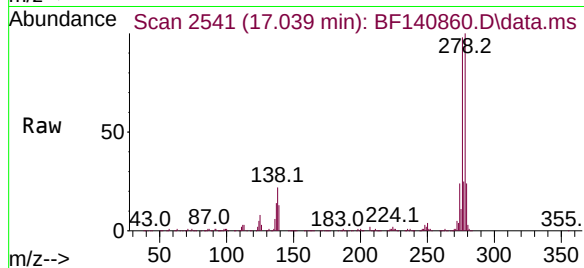




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.446 ng
RT: 17.039 min Scan# 2111
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

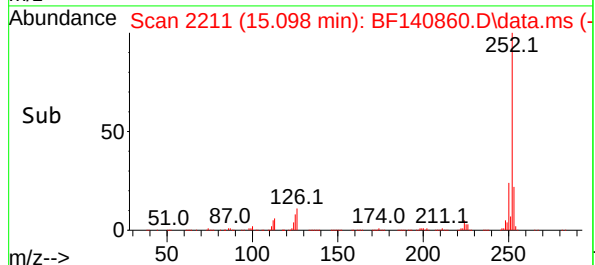
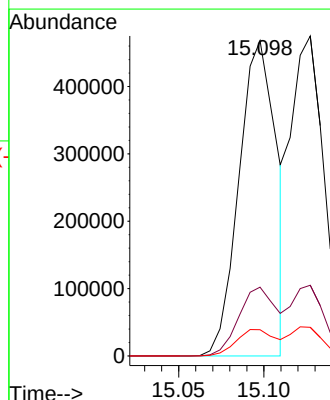
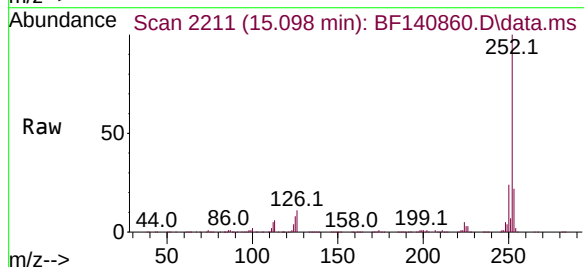
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

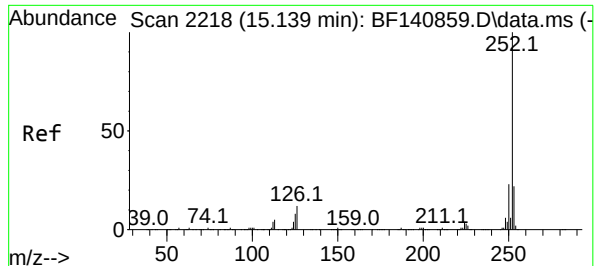
Tgt Ion:276 Resp: 625642
Ion Ratio Lower Upper
276 100
138 20.6 16.9 25.3
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 45.486 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Tgt Ion:252 Resp: 712222
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 47.959 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

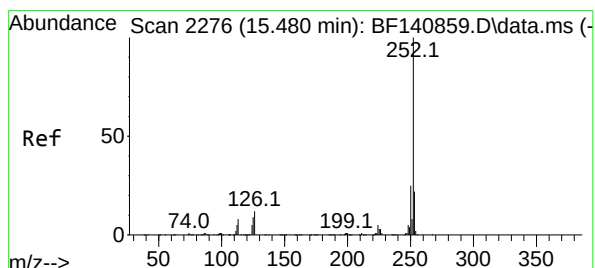
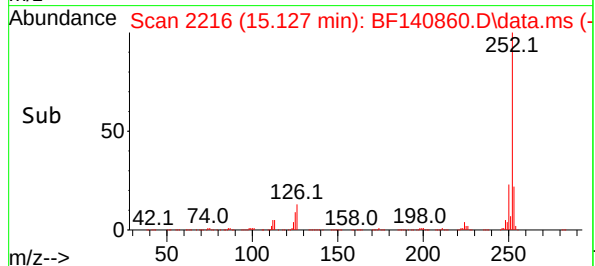
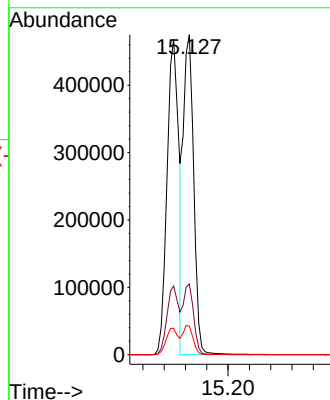
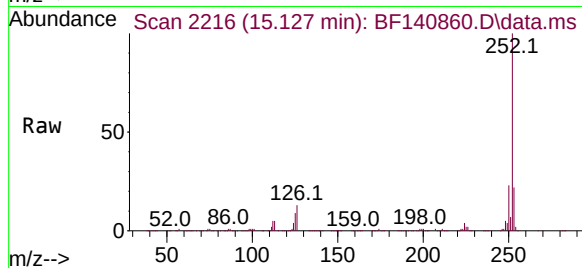
Tgt Ion:252 Resp: 644153

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 48.554 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

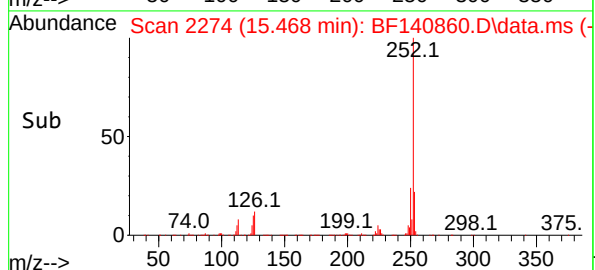
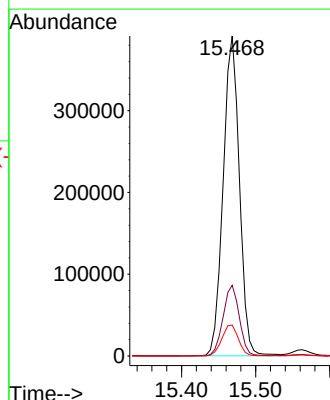
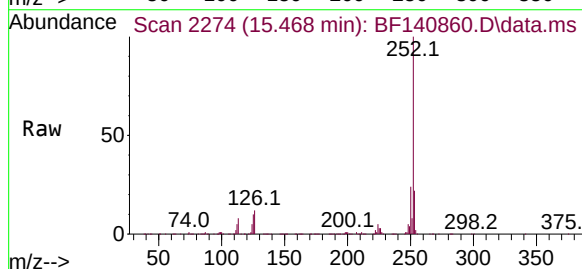
Tgt Ion:252 Resp: 595306

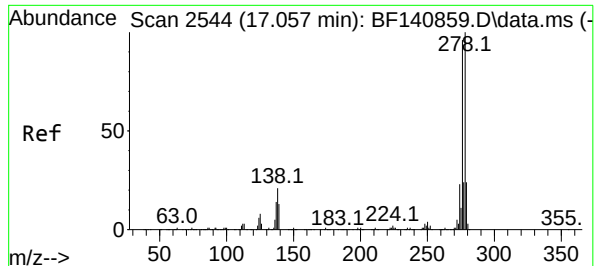
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.7 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 44.411 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

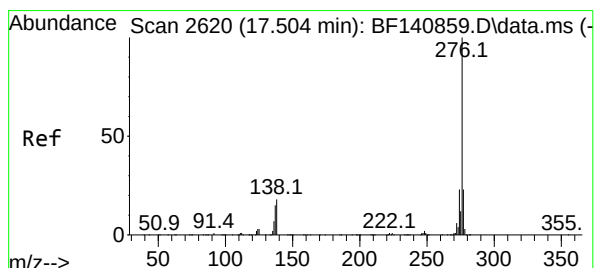
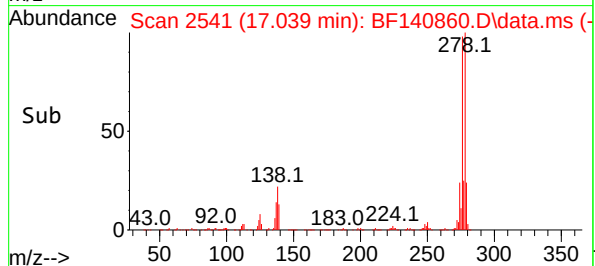
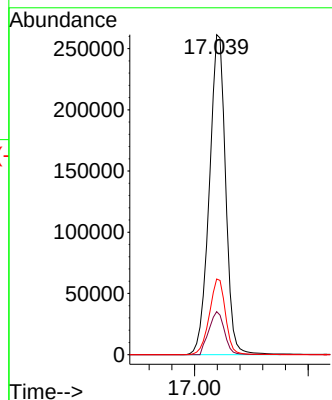
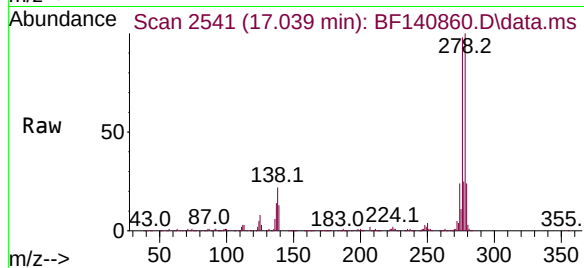
Tgt Ion:278 Resp: 517904

Ion Ratio Lower Upper

278 100

139 13.4 10.6 16.0

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.846 ng

RT: 17.486 min Scan# 2617

Delta R.T. -0.018 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

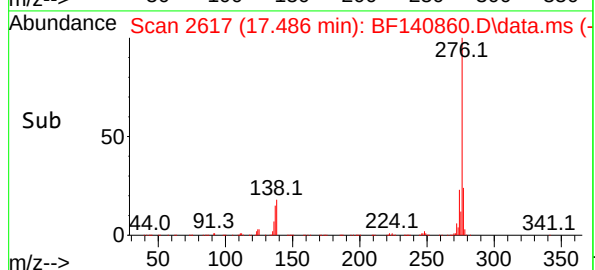
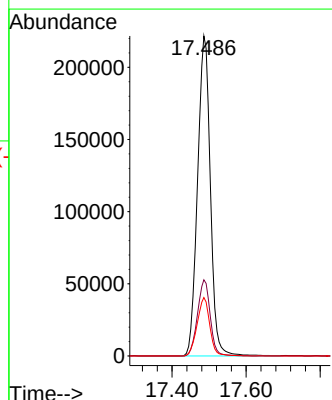
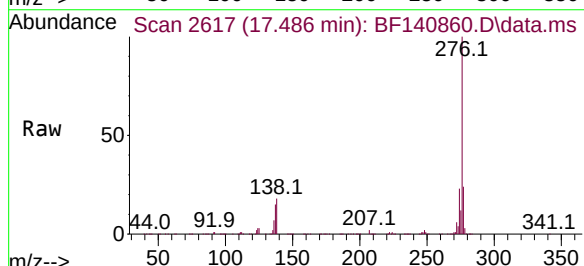
Tgt Ion:276 Resp: 532268

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140861.D
 Acq On : 16 Dec 2024 15:49
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Dec 16 16:51:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	71125	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	259532	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	148549	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	283911	20.000	ng	0.00
76) Chrysene-d12	14.033	240	189956	20.000	ng	0.00
86) Perylene-d12	15.527	264	161062	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	530122	122.696	ng	0.00
7) Phenol-d6	6.504	99	692405	120.993	ng	0.00
23) Nitrobenzene-d5	7.422	82	646998	124.724	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	216378	123.158	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1287749	119.184	ng	0.00
79) Terphenyl-d14	12.963	244	1435829	119.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	112534	60.469	ng	99
3) Pyridine	3.398	79	263425	61.121	ng	98
4) n-Nitrosodimethylamine	3.363	42	138309	63.658	ng	100
6) Aniline	6.522	93	292063	59.690	ng	95
8) 2-Chlorophenol	6.645	128	288270	61.183	ng	97
9) Benzaldehyde	6.410	77	170596	53.801	ng	99
10) Phenol	6.516	94	360221	60.734	ng	98
11) bis(2-Chloroethyl)ether	6.592	93	270334	61.117	ng	100
12) 1,3-Dichlorobenzene	6.792	146	326363	60.789	ng	98
13) 1,4-Dichlorobenzene	6.869	146	329906	60.537	ng	100
14) 1,2-Dichlorobenzene	7.022	146	306086	59.529	ng	98
15) Benzyl Alcohol	7.004	79	251539	61.475	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	307981	59.106	ng	89
17) 2-Methylphenol	7.116	107	227597	60.504	ng	100
18) Hexachloroethane	7.357	117	123680	60.962	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	202582	59.015	ng	99
20) 3+4-Methylphenols	7.275	107	297926	59.728	ng	93
22) Acetophenone	7.269	105	403586	62.164	ng	98
24) Nitrobenzene	7.439	77	334236	62.893	ng	99
25) Isophorone	7.681	82	544844	62.685	ng	100
26) 2-Nitrophenol	7.751	139	156696	64.020	ng	98
27) 2,4-Dimethylphenol	7.792	122	177170	61.982	ng	97
28) bis(2-Chloroethoxy)met...	7.880	93	332048	61.166	ng	98
29) 2,4-Dichlorophenol	8.004	162	246376	62.432	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	281649	62.258	ng	100
31) Naphthalene	8.151	128	874776	61.360	ng	100
32) Benzoic acid	7.957	122	184163	67.933	ng	98
33) 4-Chloroaniline	8.210	127	282583	59.681	ng	99
34) Hexachlorobutadiene	8.263	225	185962	61.097	ng	99
35) Caprolactam	8.604	113	71386	60.761	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	266211	59.935	ng	100
37) 2-Methylnaphthalene	8.845	142	559572	59.336	ng	100
38) 1-Methylnaphthalene	8.945	142	550027	58.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	277082	60.686	ng	100
41) Hexachlorocyclopentadiene	8.992	237	81340	60.032	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	176148	63.005	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140861.D
 Acq On : 16 Dec 2024 15:49
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

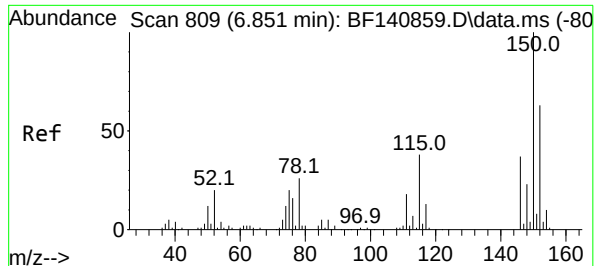
Quant Time: Dec 16 16:51:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	189802	61.766	ng	99
46) 1,1'-Biphenyl	9.310	154	701999	59.429	ng	99
47) 2-Chloronaphthalene	9.333	162	537602	59.491	ng	98
48) 2-Nitroaniline	9.439	65	168378	61.695	ng	98
49) Acenaphthylene	9.751	152	794616	59.836	ng	100
50) Dimethylphthalate	9.610	163	631578	60.305	ng	99
51) 2,6-Dinitrotoluene	9.680	165	143106	59.771	ng	100
52) Acenaphthene	9.922	154	511499	60.297	ng	100
53) 3-Nitroaniline	9.857	138	144867	60.971	ng	99
54) 2,4-Dinitrophenol	9.969	184	71344	62.619	ng	98
55) Dibenzofuran	10.092	168	778085	59.193	ng	99
56) 4-Nitrophenol	10.033	139	78468	62.429	ng	94
57) 2,4-Dinitrotoluene	10.092	165	189784	60.246	ng	98
58) Fluorene	10.439	166	634898	58.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	158455	63.281	ng	99
60) Diethylphthalate	10.304	149	651190	59.961	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	324333	59.539	ng	100
62) 4-Nitroaniline	10.474	138	150990	60.812	ng	98
63) Azobenzene	10.586	77	594674	58.245	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	109821	68.263	ng	97
66) n-Nitrosodiphenylamine	10.551	169	532978	61.058	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	196628	61.907	ng	97
68) Hexachlorobenzene	10.986	284	219687	61.005	ng	98
69) Atrazine	11.074	200	134000	54.965	ng	99
70) Pentachlorophenol	11.192	266	90656	68.816	ng	99
71) Phenanthrene	11.404	178	863112	59.118	ng	99
72) Anthracene	11.457	178	851368	59.213	ng	99
73) Carbazole	11.610	167	826415	58.682	ng	99
74) Di-n-butylphthalate	11.927	149	1009898	61.102	ng	99
75) Fluoranthene	12.592	202	1000773	59.520	ng	100
77) Benzidine	12.715	184	258833	66.762	ng	99
78) Pyrene	12.821	202	1008093	59.679	ng	100
80) Butylbenzylphthalate	13.427	149	387906	62.410	ng	99
81) Benzo(a)anthracene	14.021	228	808026	60.019	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	254358	62.622	ng	97
83) Chrysene	14.062	228	731004	59.712	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	507221	63.289	ng	99
85) Di-n-octyl phthalate	14.627	149	754409	62.220	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	642591	63.934	ng	100
88) Benzo(b)fluoranthene	15.098	252	696582	62.306	ng	99
89) Benzo(k)fluoranthene	15.127	252	571329	59.574	ng	99
90) Benzo(a)pyrene	15.474	252	542075	61.920	ng	99
91) Dibenzo(a,h)anthracene	17.050	278	539476	64.789	ng	98
92) Benzo(g,h,i)perylene	17.498	276	530525	62.602	ng	99

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

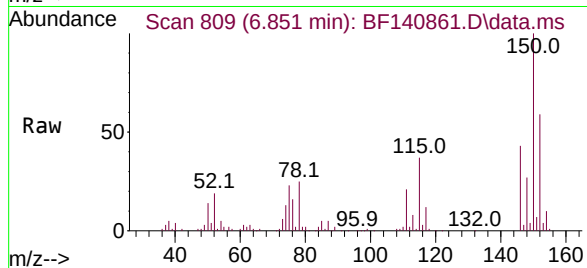
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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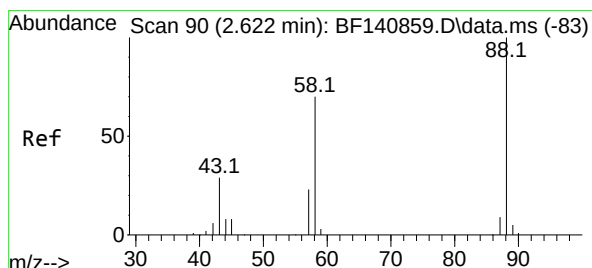
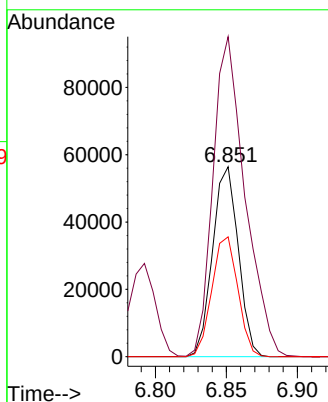
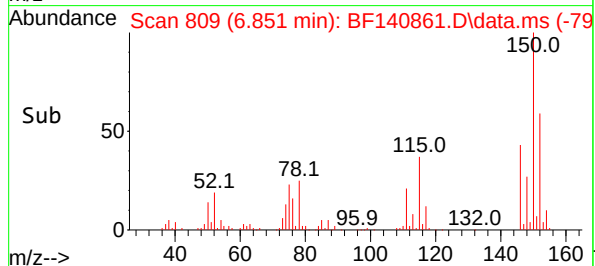


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

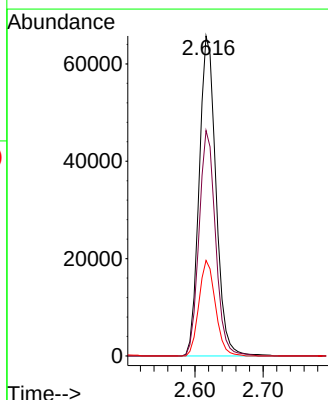
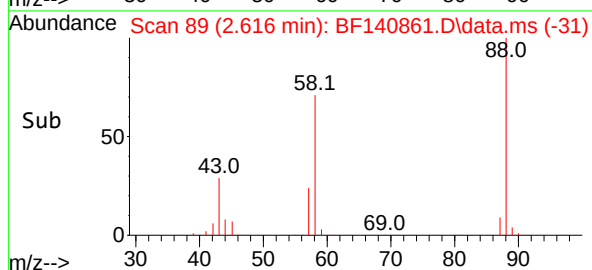
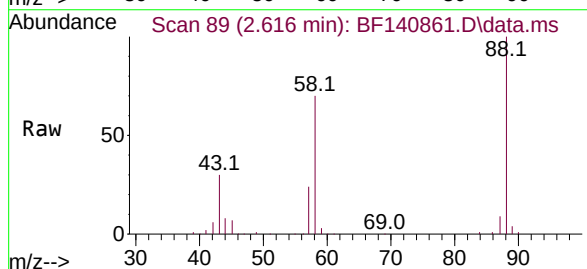


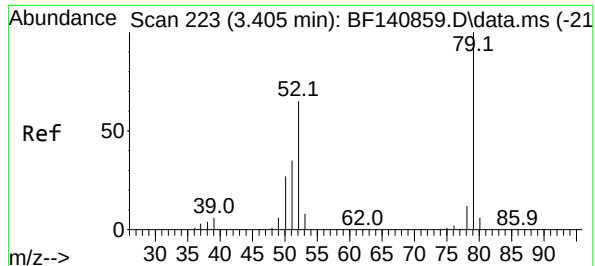
Tgt Ion:152 Resp: 71125
Ion Ratio Lower Upper
152 100
150 168.5 127.9 191.9
115 63.1 48.0 72.0



#2
1,4-Dioxane
Concen: 60.469 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 88 Resp: 112534
Ion Ratio Lower Upper
88 100
58 69.2 55.8 83.8
43 29.3 22.7 34.1





#3

Pyridine

Concen: 61.121 ng

RT: 3.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

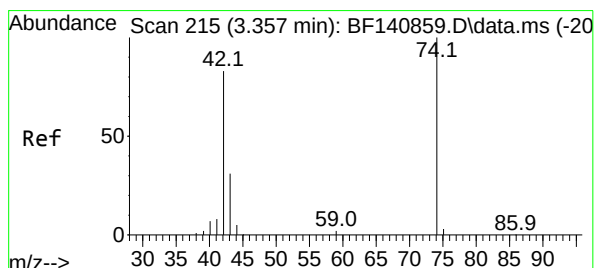
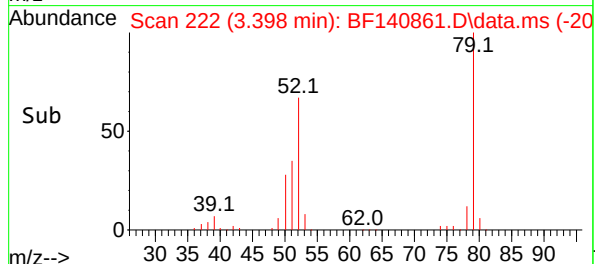
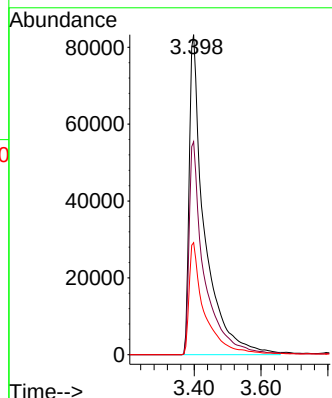
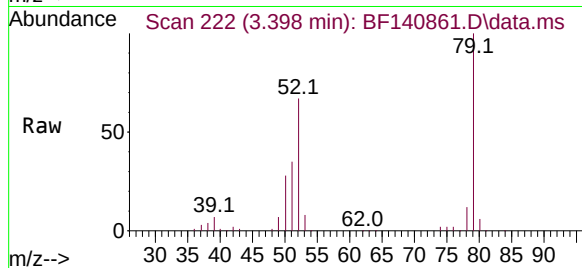
Tgt Ion: 79 Resp: 263425

Ion Ratio Lower Upper

79 100

52 66.6 51.7 77.5

51 35.0 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 63.658 ng

RT: 3.363 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

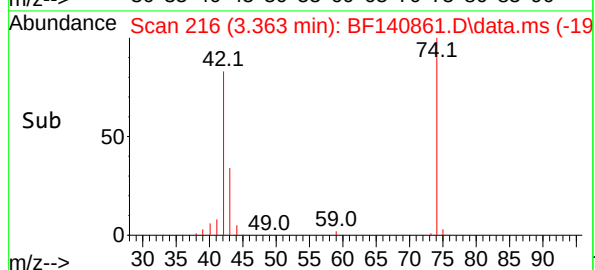
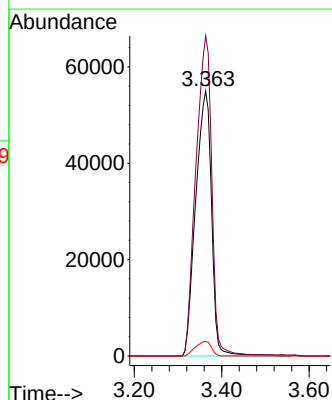
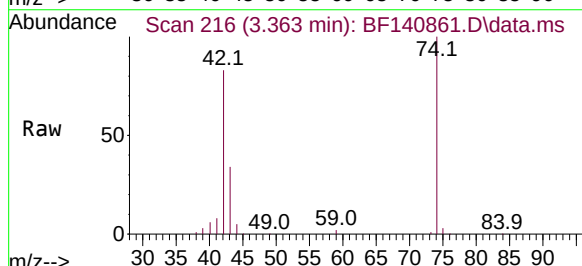
Tgt Ion: 42 Resp: 138309

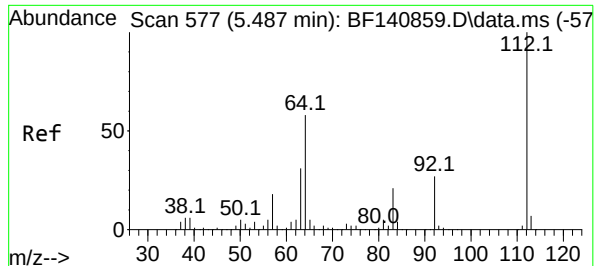
Ion Ratio Lower Upper

42 100

74 120.7 96.9 145.3

44 5.6 4.4 6.6

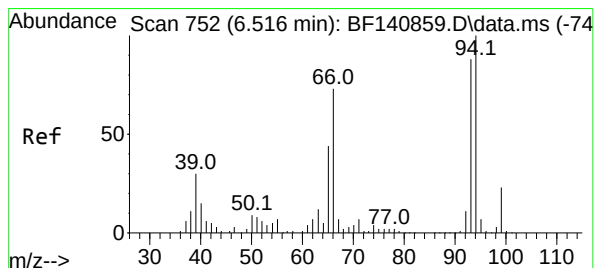
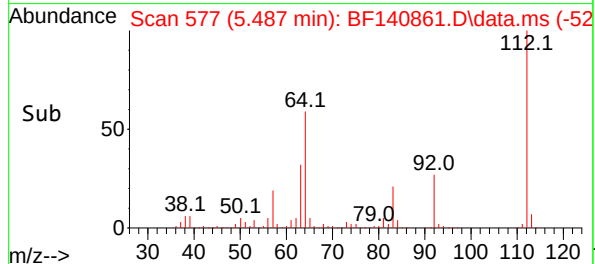
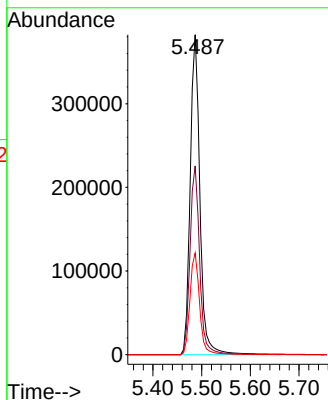
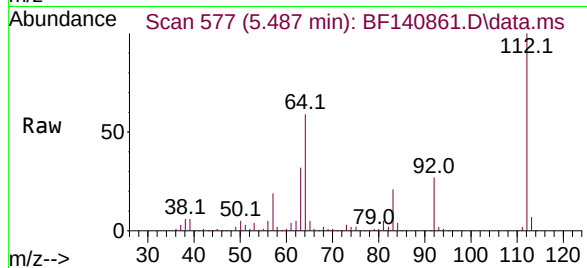




#5
2-Fluorophenol
Concen: 122.696 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

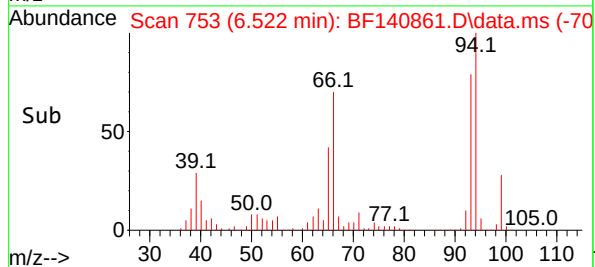
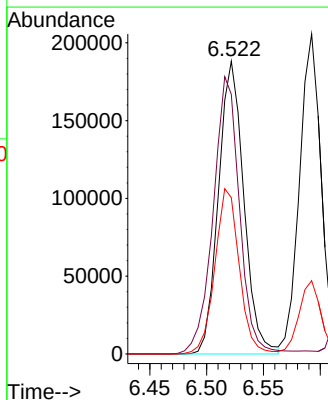
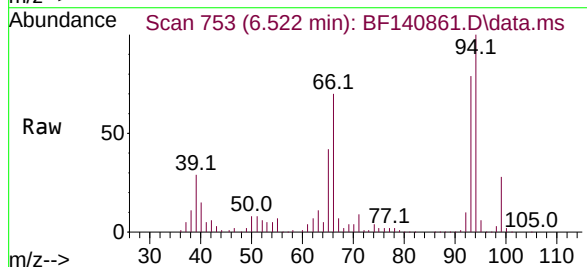
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

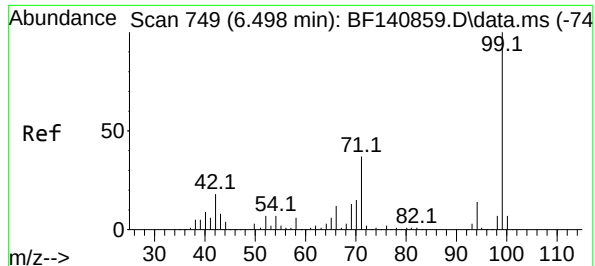
Tgt Ion:112 Resp: 530122
Ion Ratio Lower Upper
112 100
64 59.0 46.1 69.1
63 31.8 24.9 37.3



#6
Aniline
Concen: 59.690 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 93 Resp: 292063
Ion Ratio Lower Upper
93 100
66 88.6 67.0 100.4
65 53.4 40.4 60.6

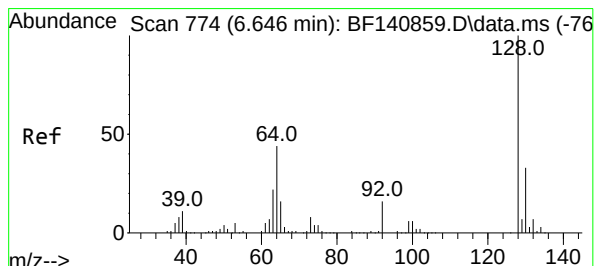
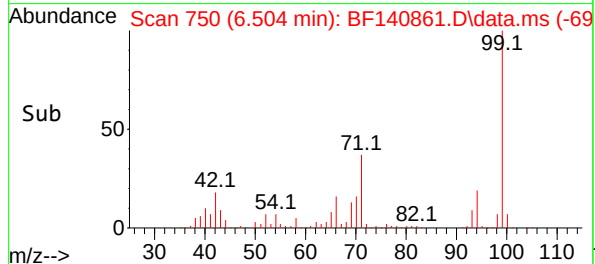
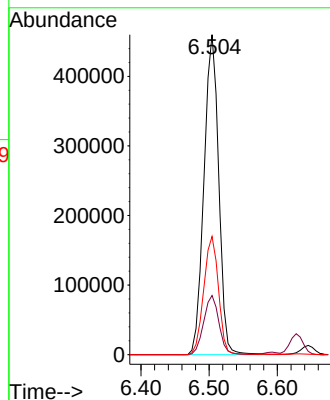
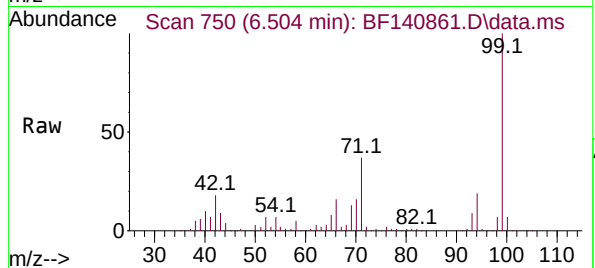




#7
Phenol-d6
Concen: 120.993 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

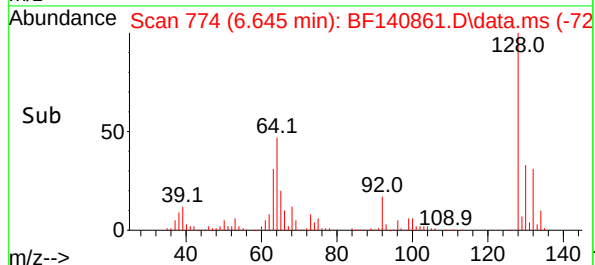
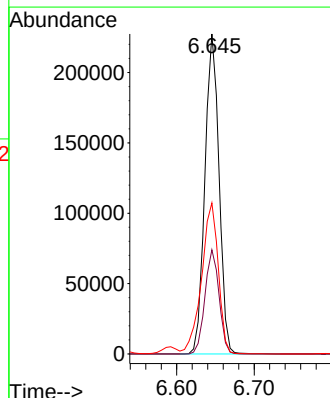
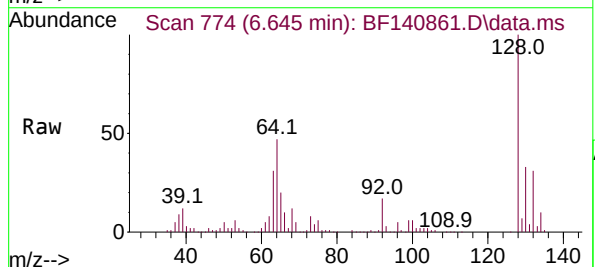
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

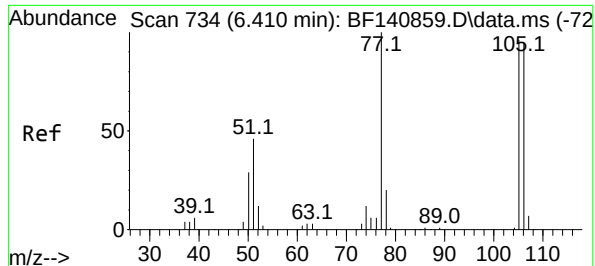
Tgt Ion: 99 Resp: 692405
Ion Ratio Lower Upper
99 100
42 18.5 14.3 21.5
71 36.9 29.9 44.9



#8
2-Chlorophenol
Concen: 61.183 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 128 Resp: 288270
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 47.2 24.3 64.3





#9

Benzaldehyde

Concen: 53.801 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

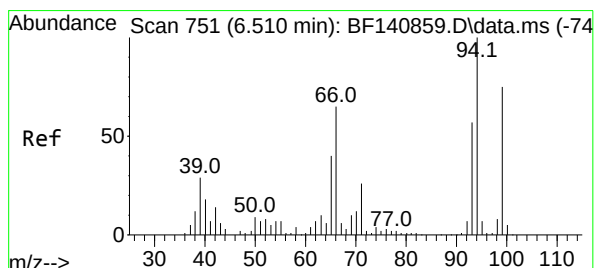
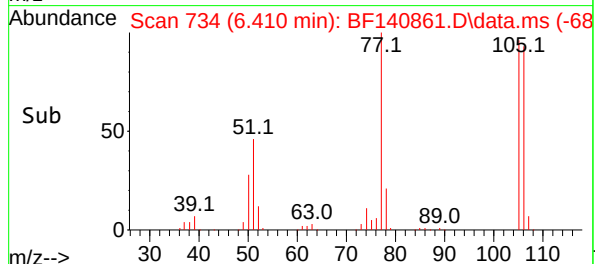
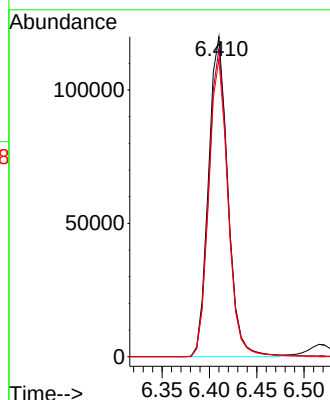
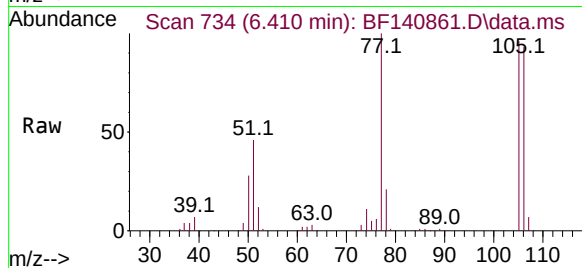
Tgt Ion: 77 Resp: 170596

Ion Ratio Lower Upper

77 100

105 96.2 75.8 115.8

106 93.0 74.1 114.1



#10

Phenol

Concen: 60.734 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

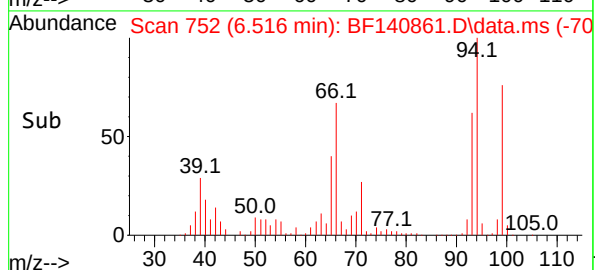
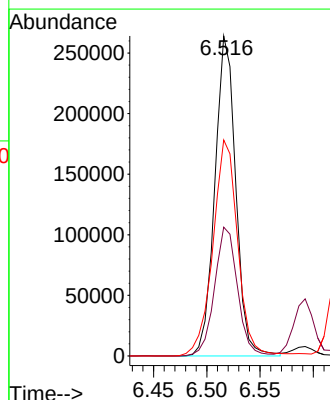
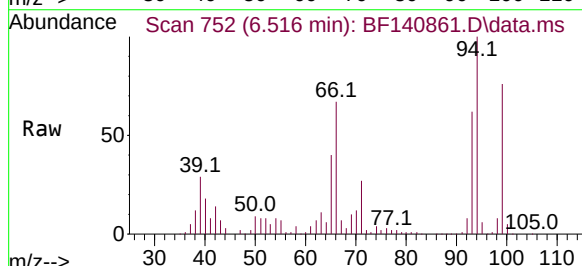
Tgt Ion: 94 Resp: 360221

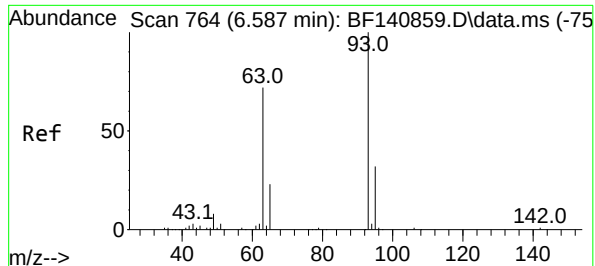
Ion Ratio Lower Upper

94 100

65 40.2 19.9 59.9

66 67.5 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 61.117 ng

RT: 6.592 min Scan# 765

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

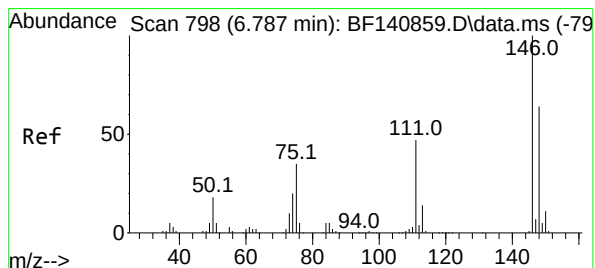
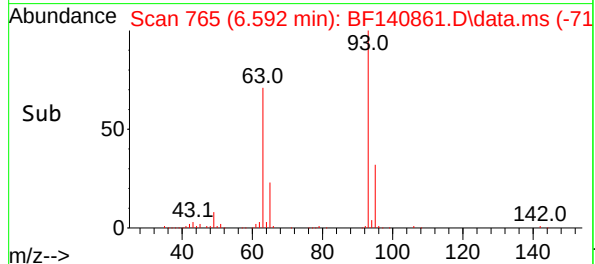
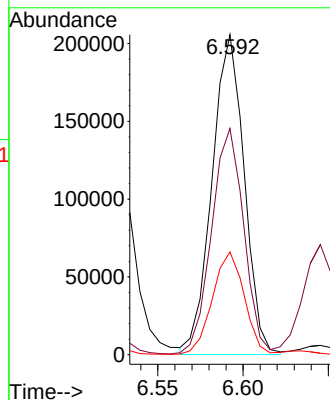
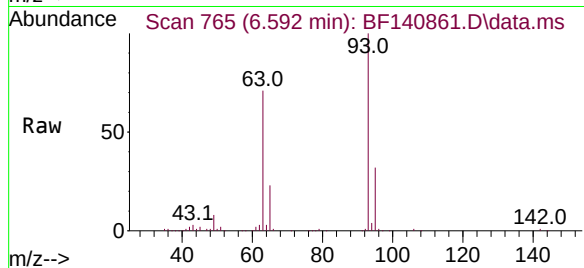
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 270334

Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.0	91.0
95	32.1	12.0	52.0



#12

1,3-Dichlorobenzene

Concen: 60.789 ng

RT: 6.792 min Scan# 799

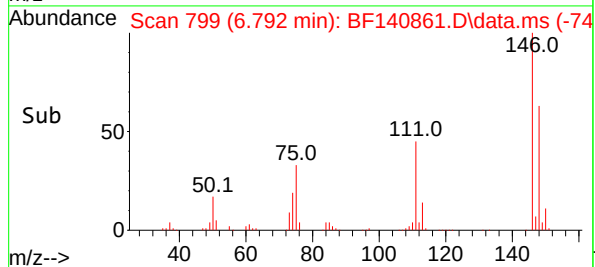
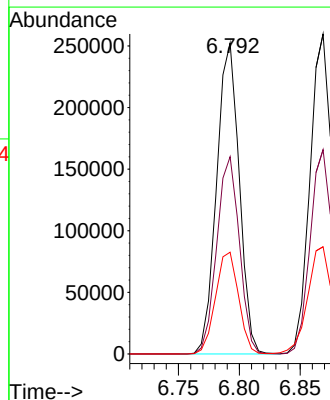
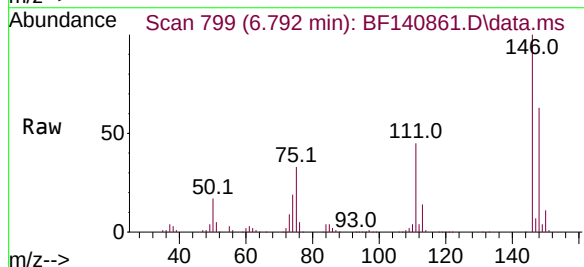
Delta R.T. 0.006 min

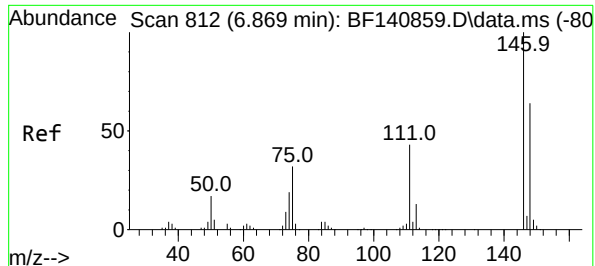
Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Tgt Ion: 146 Resp: 326363

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
75	32.7	28.1	42.1





#13

1,4-Dichlorobenzene

Concen: 60.537 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

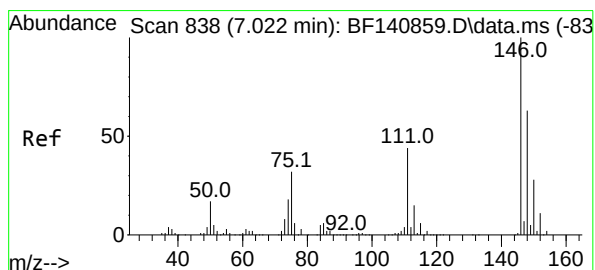
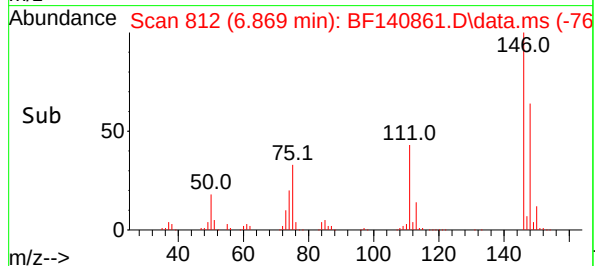
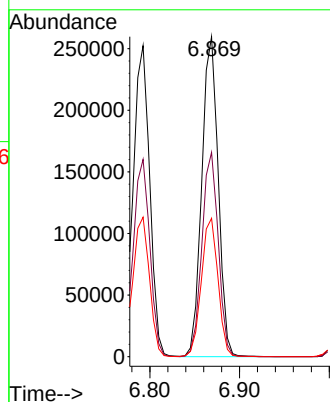
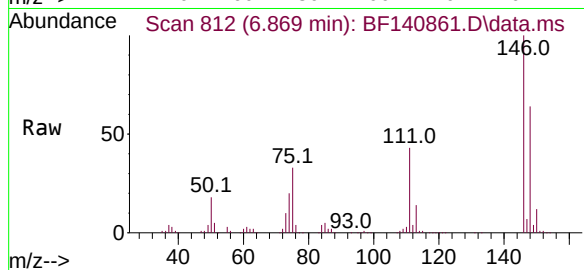
Tgt Ion:146 Resp: 329906

Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

111 43.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 59.529 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

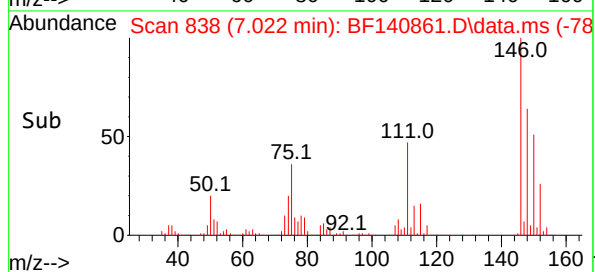
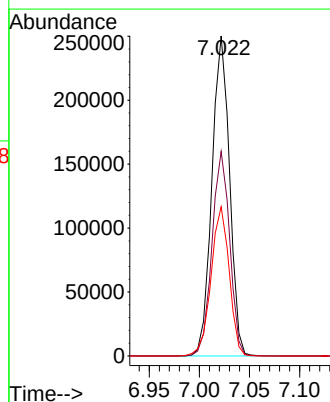
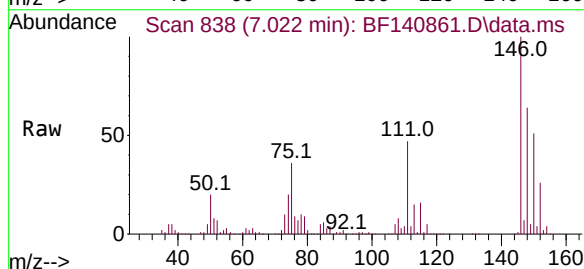
Tgt Ion:146 Resp: 306086

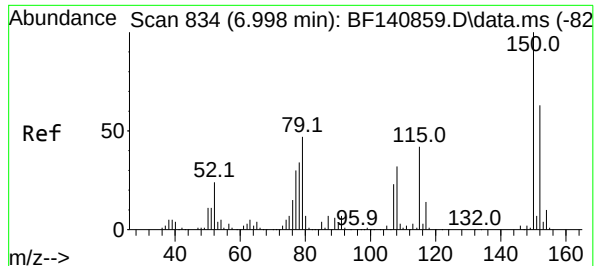
Ion Ratio Lower Upper

146 100

148 63.9 50.0 75.0

111 46.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 61.475 ng

RT: 7.004 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

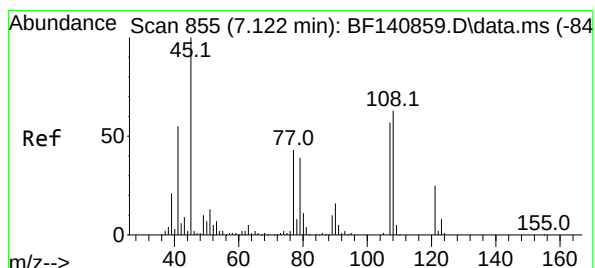
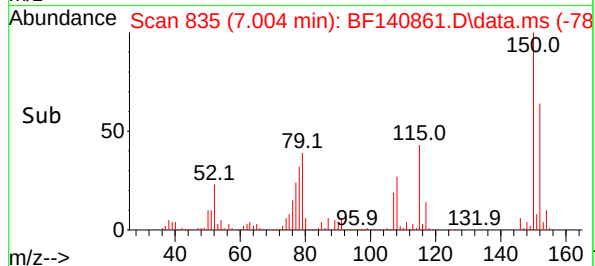
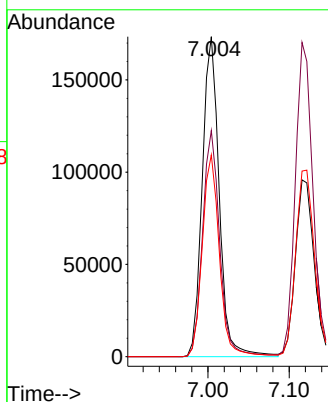
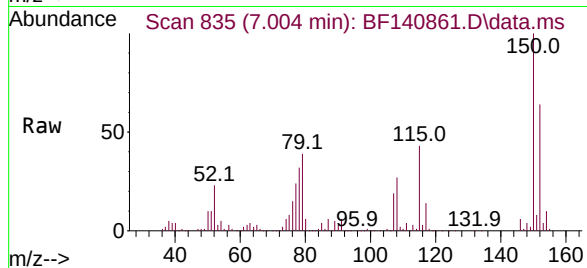
Tgt Ion: 79 Resp: 251539

Ion Ratio Lower Upper

79 100

108 70.6 55.1 82.7

77 63.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 59.106 ng

RT: 7.122 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

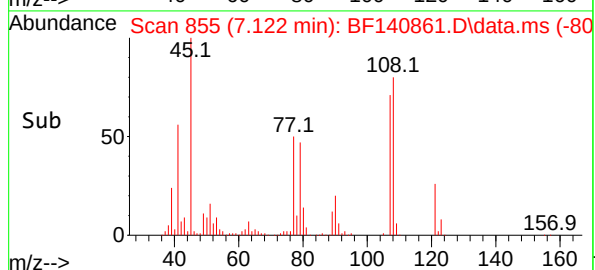
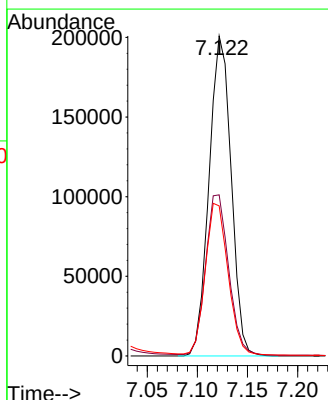
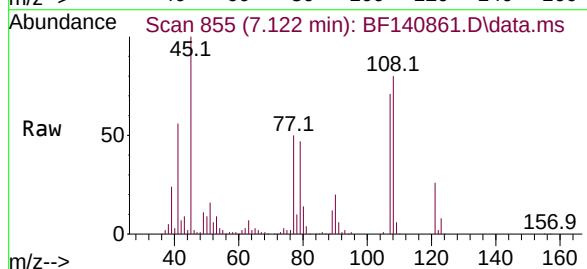
Tgt Ion: 45 Resp: 307981

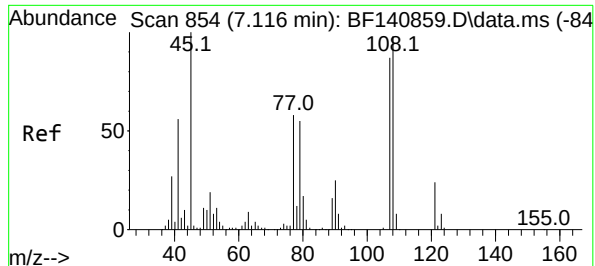
Ion Ratio Lower Upper

45 100

77 50.3 23.3 63.3

79 46.9 20.0 60.0

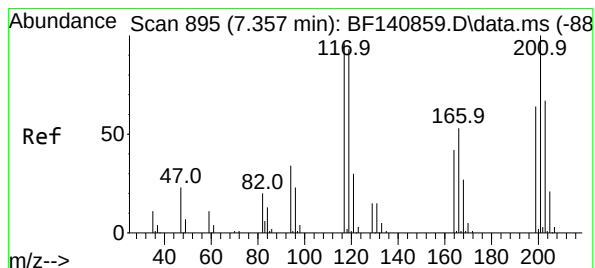
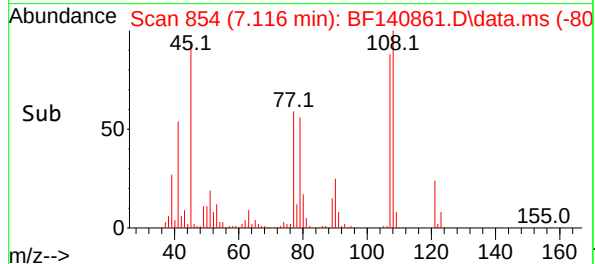
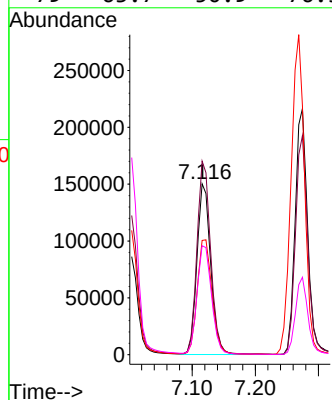
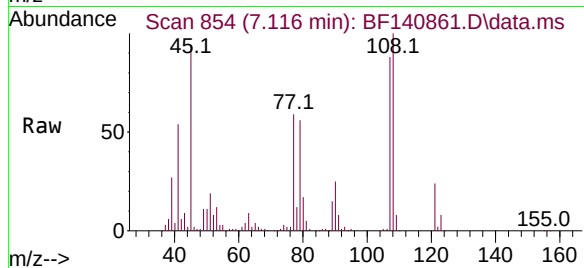




#17
2-Methylphenol
Concen: 60.504 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

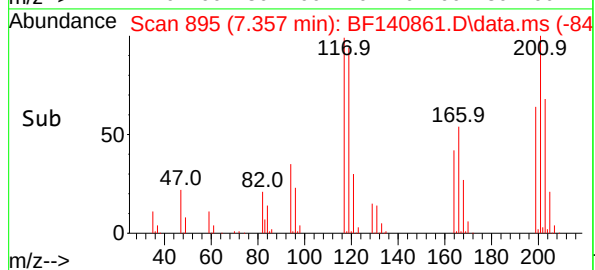
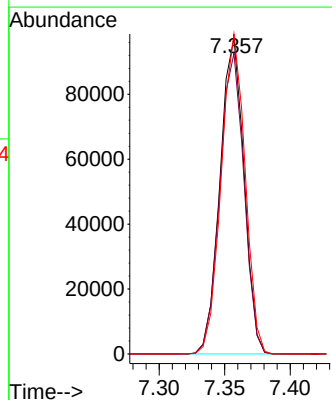
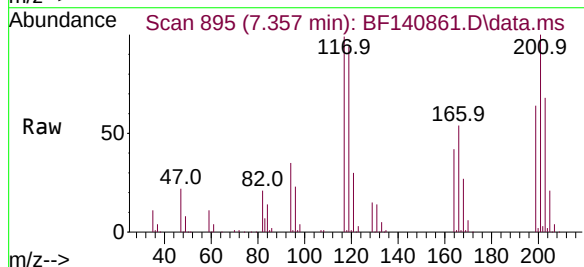
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

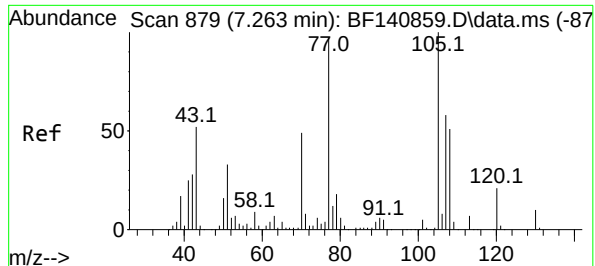
Tgt Ion:107 Resp: 227597
Ion Ratio Lower Upper
107 100
108 113.2 90.2 135.4
77 66.9 53.8 80.6
79 63.7 50.9 76.3



#18
Hexachloroethane
Concen: 60.962 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:117 Resp: 123680
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 101.3 83.4 125.0

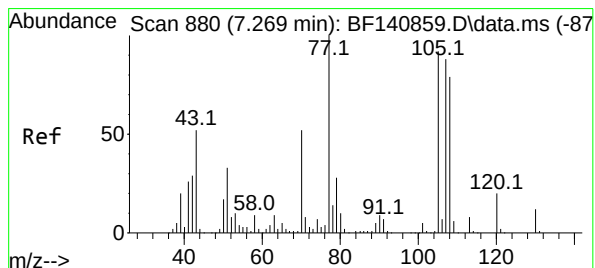
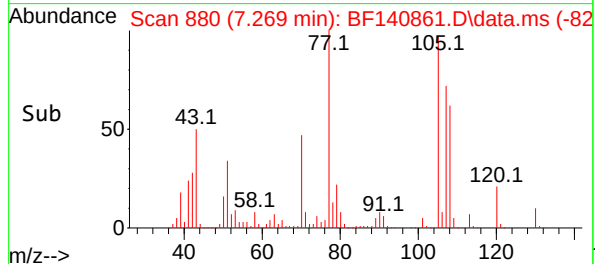
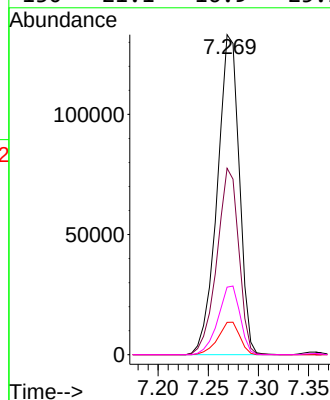
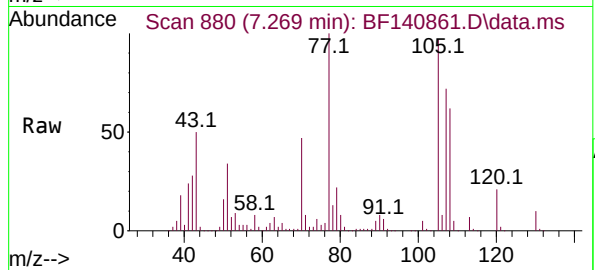




#19
n-Nitroso-di-n-propylamine
Concen: 59.015 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

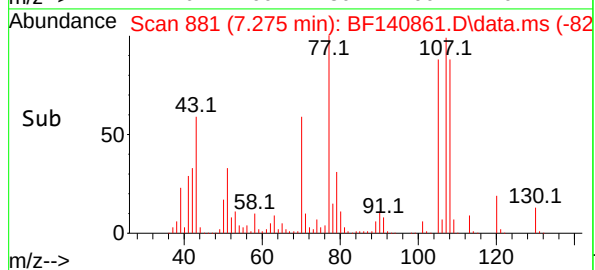
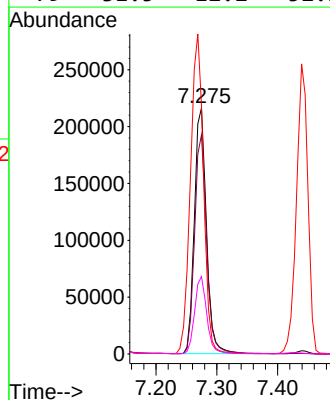
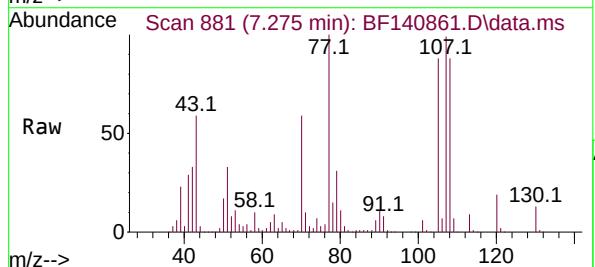
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

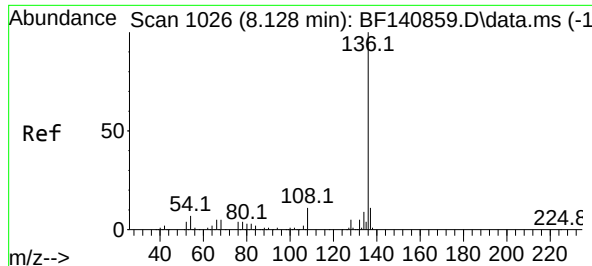
Tgt Ion: 70 Resp: 202582
Ion Ratio Lower Upper
70 100
42 58.3 45.3 67.9
101 10.1 8.0 12.0
130 21.1 16.9 25.3



#20
3+4-Methylphenols
Concen: 59.728 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 107 Resp: 297926
Ion Ratio Lower Upper
107 100
108 89.0 70.1 110.1
77 101.1 94.4 134.4
79 31.5 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 259532

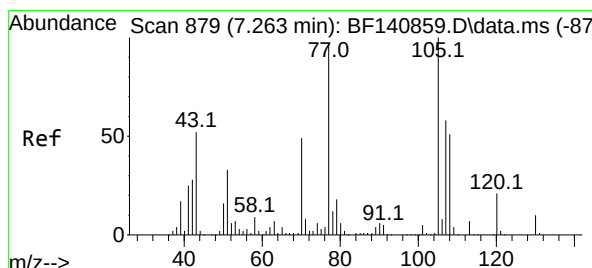
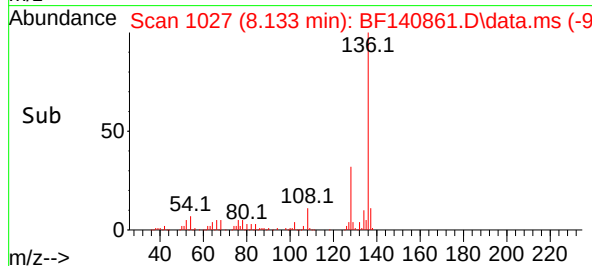
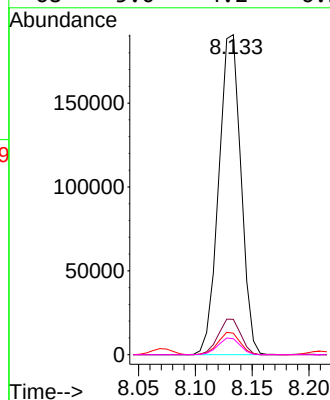
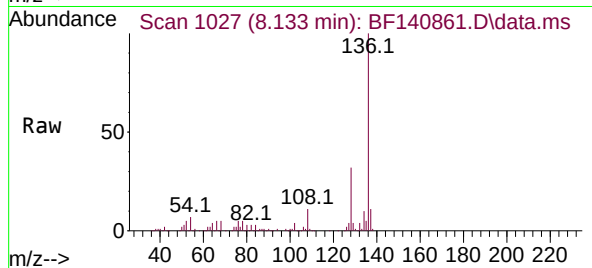
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 5.6 8.4

68 5.0 4.2 6.2



#22

Acetophenone

Concen: 62.164 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Tgt Ion:105 Resp: 403586

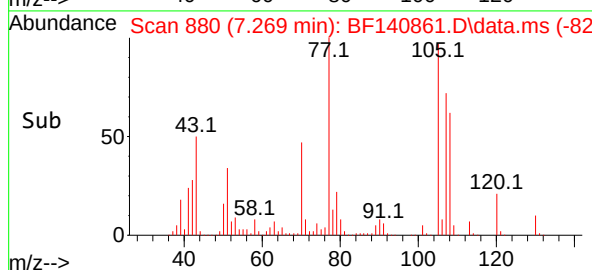
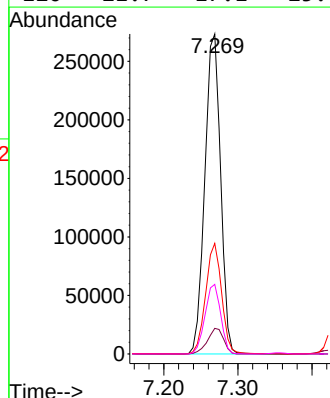
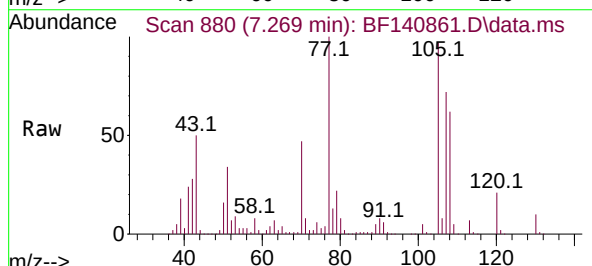
Ion Ratio Lower Upper

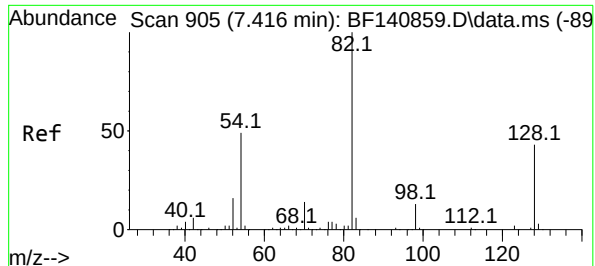
105 100

71 8.0 6.2 9.4

51 34.6 26.3 39.5

120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 124.724 ng

RT: 7.422 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

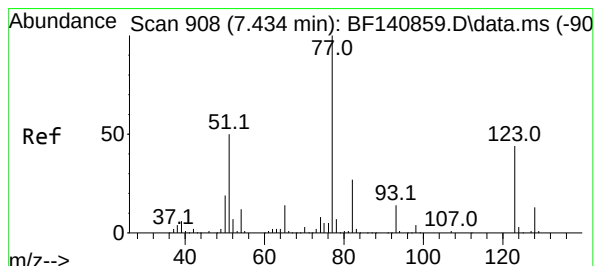
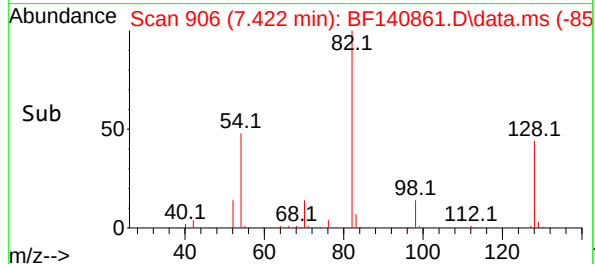
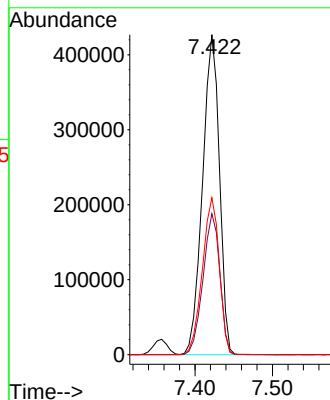
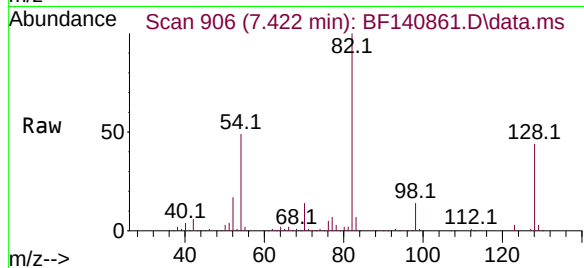
Tgt Ion: 82 Resp: 646998

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

54 49.0 38.8 58.2



#24

Nitrobenzene

Concen: 62.893 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

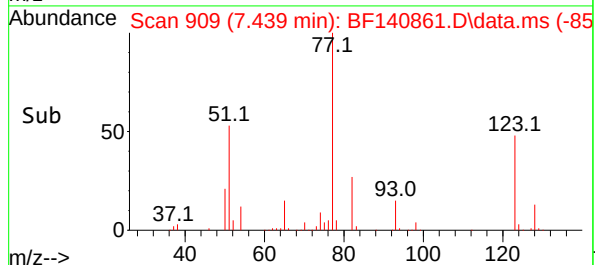
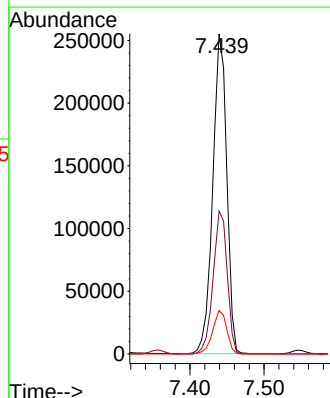
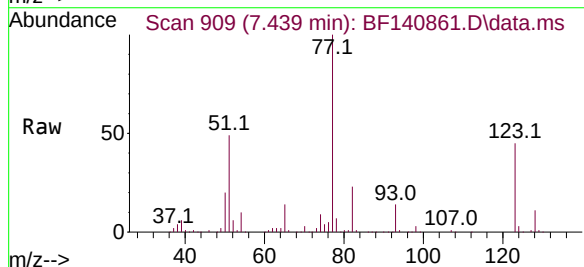
Tgt Ion: 77 Resp: 334236

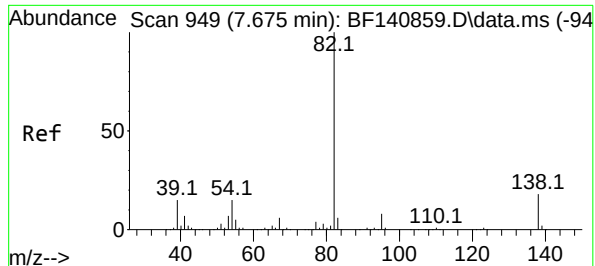
Ion Ratio Lower Upper

77 100

123 44.6 35.0 52.4

65 13.6 11.4 17.0





#25

Isophorone

Concen: 62.685 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

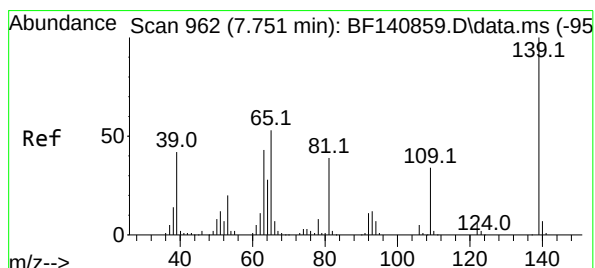
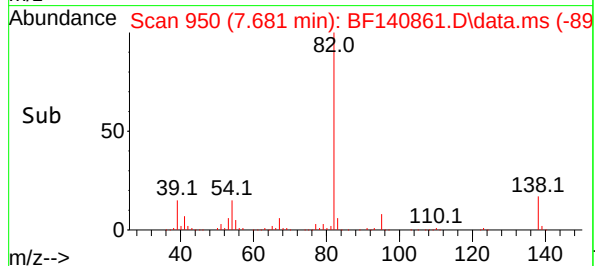
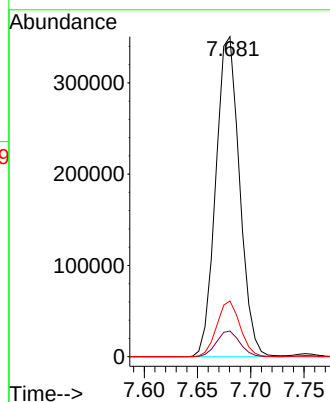
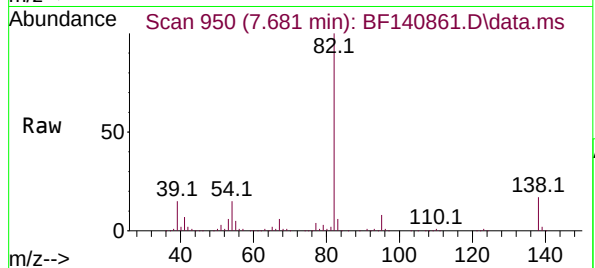
Tgt Ion: 82 Resp: 544844

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

138 17.4 14.1 21.1



#26

2-Nitrophenol

Concen: 64.020 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

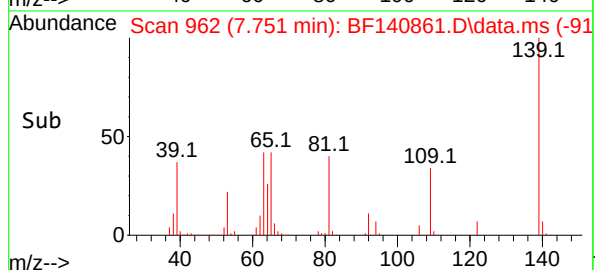
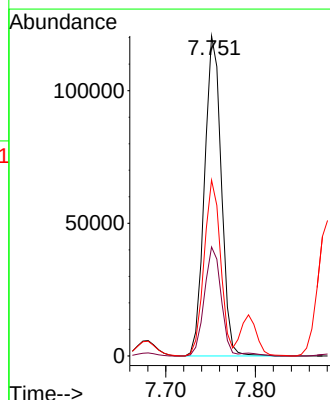
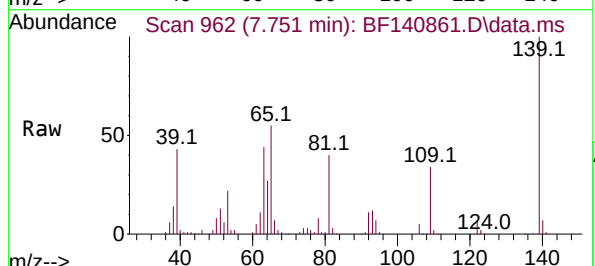
Tgt Ion:139 Resp: 156696

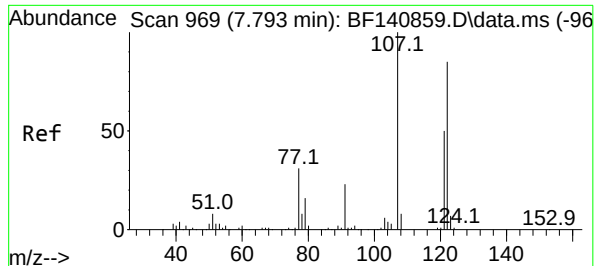
Ion Ratio Lower Upper

139 100

109 34.1 26.9 40.3

65 54.9 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 61.982 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

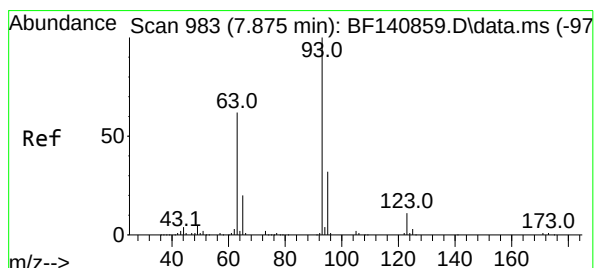
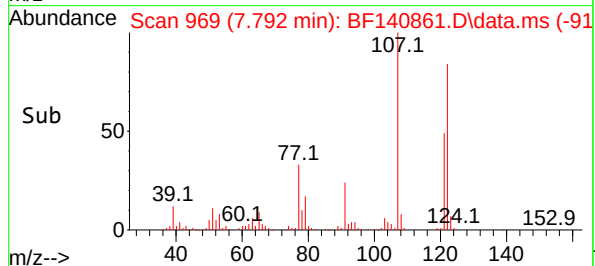
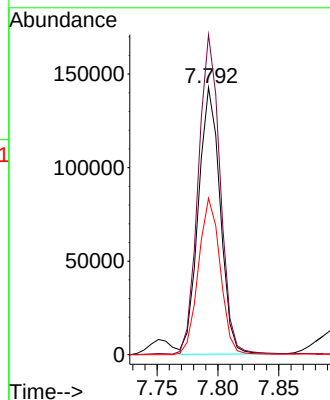
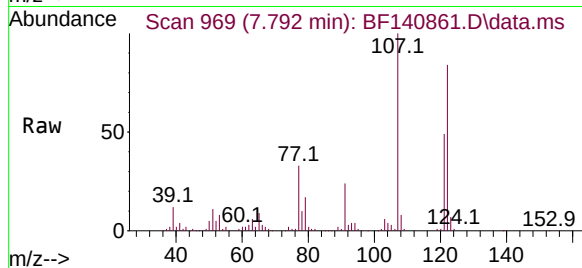
Tgt Ion:122 Resp: 177170

Ion Ratio Lower Upper

122 100

107 119.8 92.6 139.0

121 58.6 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 61.166 ng

RT: 7.880 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

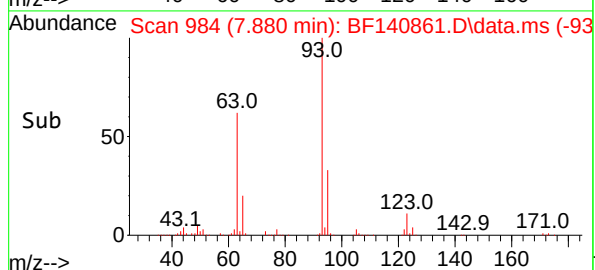
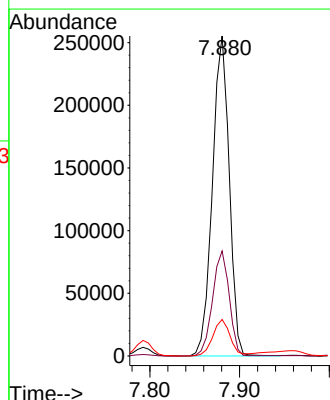
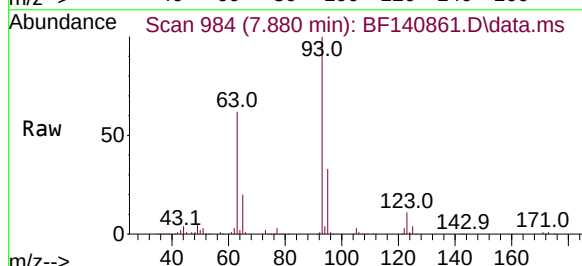
Tgt Ion: 93 Resp: 332048

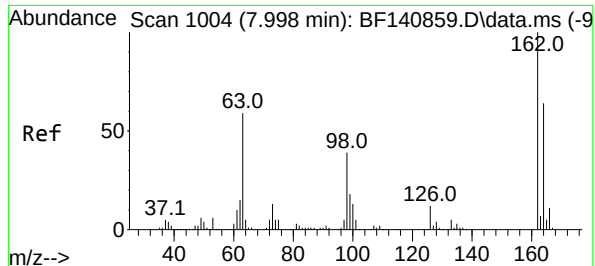
Ion Ratio Lower Upper

93 100

95 32.8 25.3 37.9

123 11.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 62.432 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

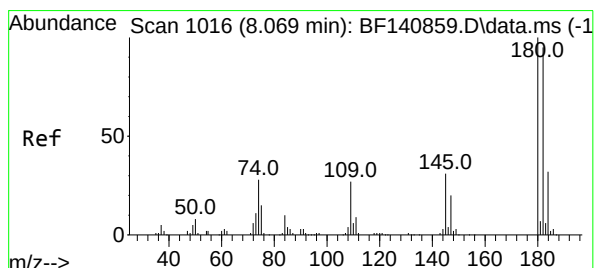
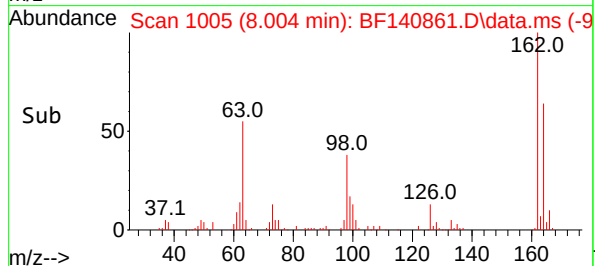
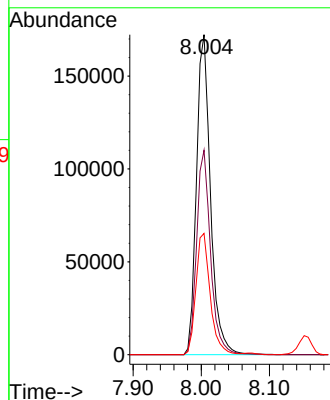
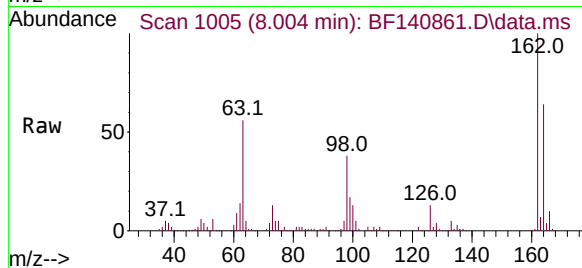
Tgt Ion:162 Resp: 246376

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 37.9 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 62.258 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

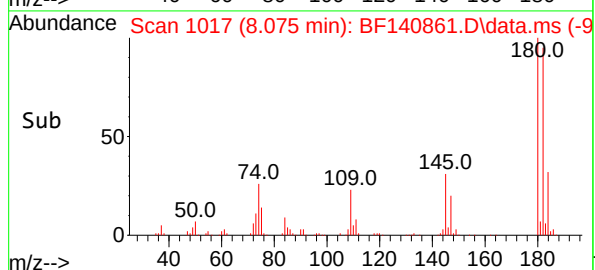
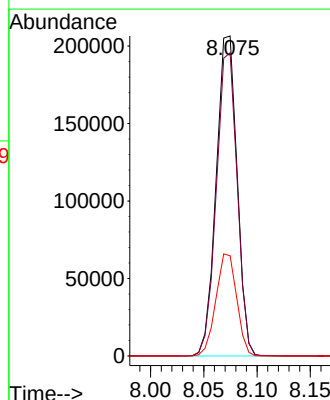
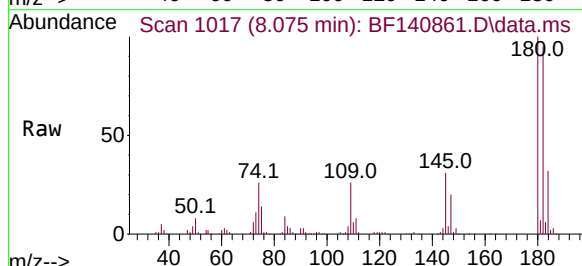
Tgt Ion:180 Resp: 281649

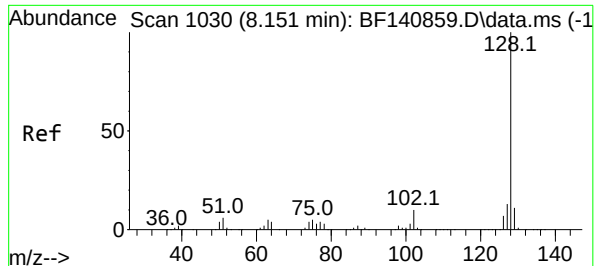
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.3 25.2 37.8

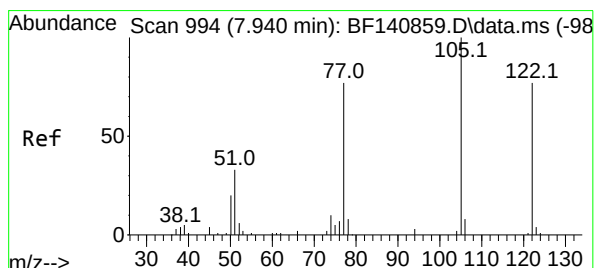
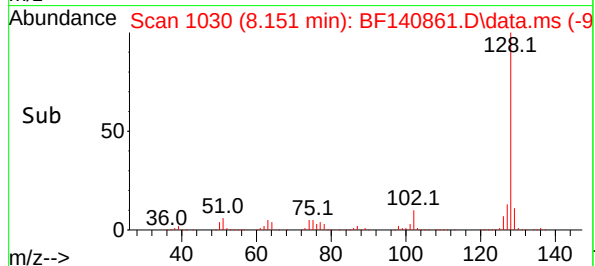
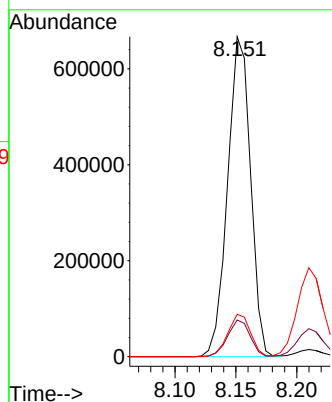
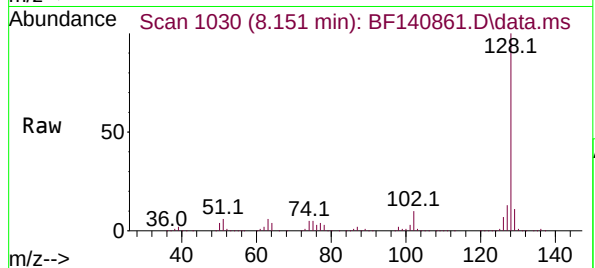




#31
Naphthalene
Concen: 61.360 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

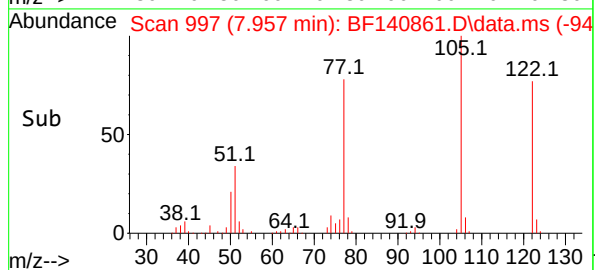
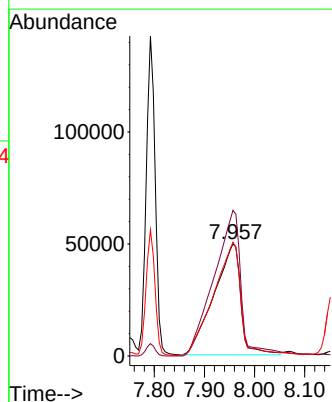
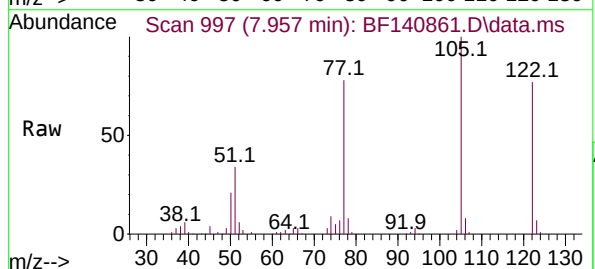
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

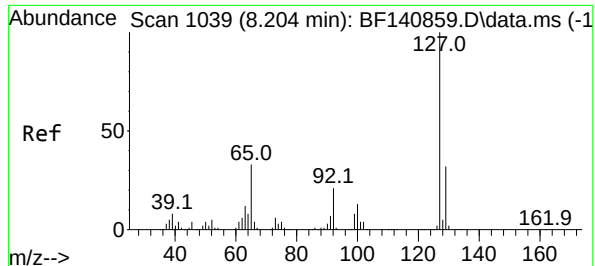
Tgt Ion:128 Resp: 874776
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 67.933 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.017 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:122 Resp: 184163
Ion Ratio Lower Upper
122 100
105 129.9 108.3 148.3
77 101.4 78.8 118.8





#33

4-Chloroaniline

Concen: 59.681 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 282583

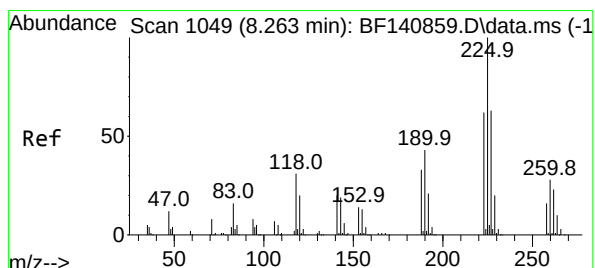
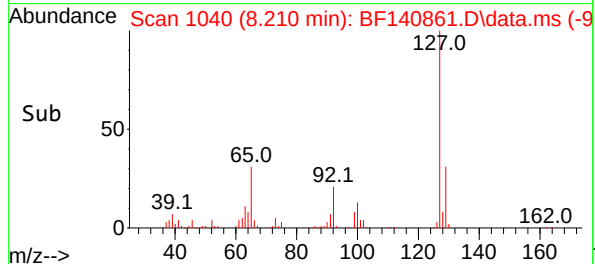
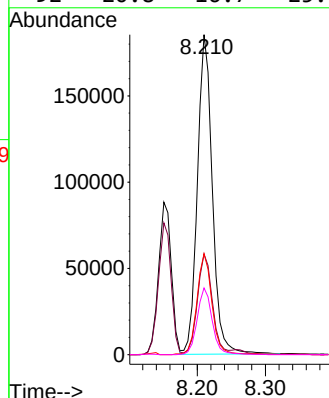
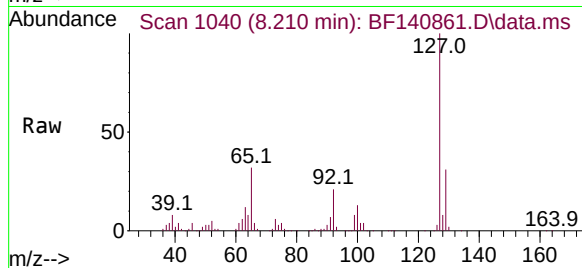
Ion Ratio Lower Upper

127 100

129 31.4 26.0 39.0

65 31.6 26.0 39.0

92 20.8 16.7 25.1



#34

Hexachlorobutadiene

Concen: 61.097 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

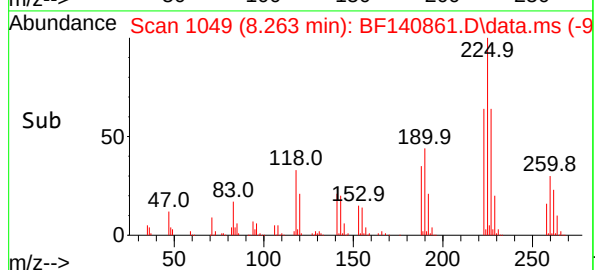
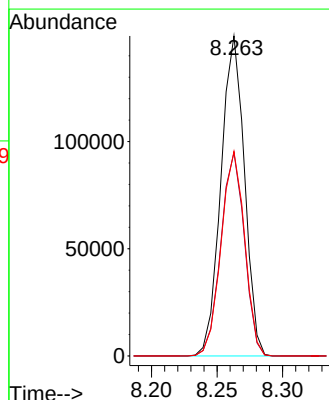
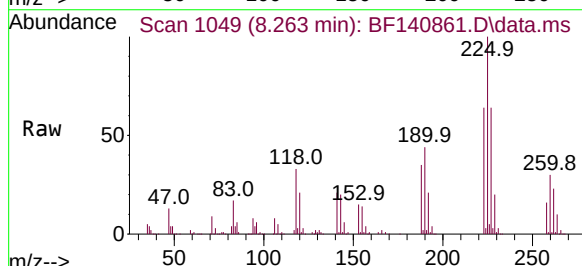
Tgt Ion:225 Resp: 185962

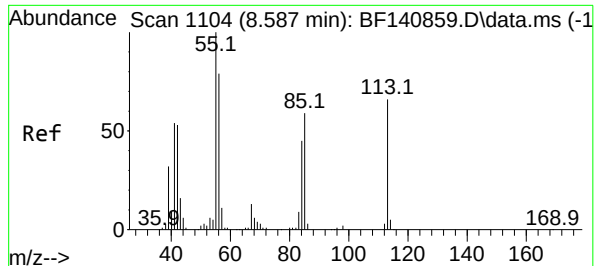
Ion Ratio Lower Upper

225 100

223 63.6 49.6 74.4

227 63.9 50.7 76.1

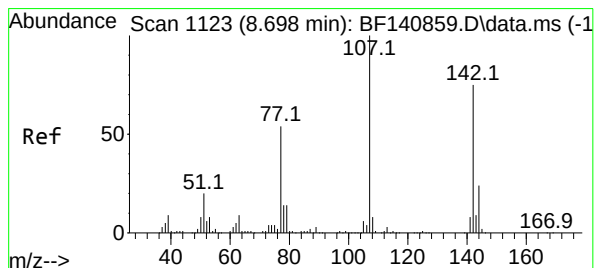
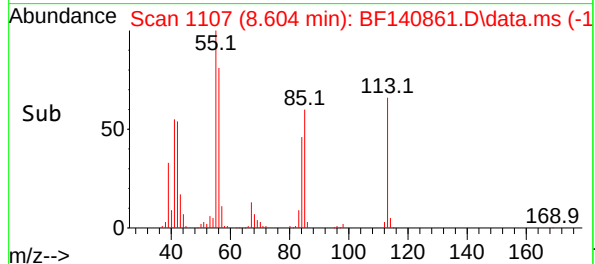
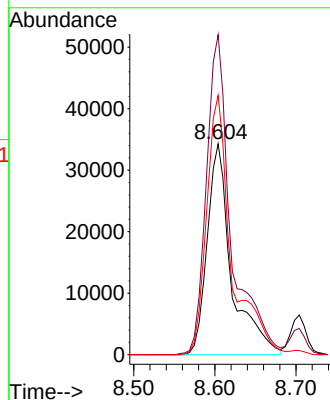
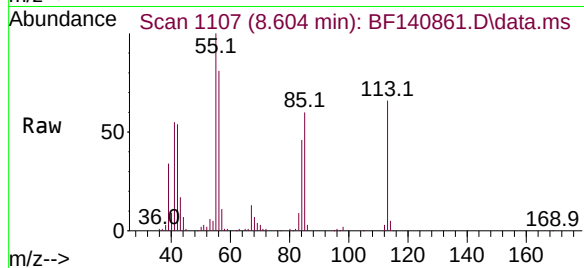




#35
Caprolactam
Concen: 60.761 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.017 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

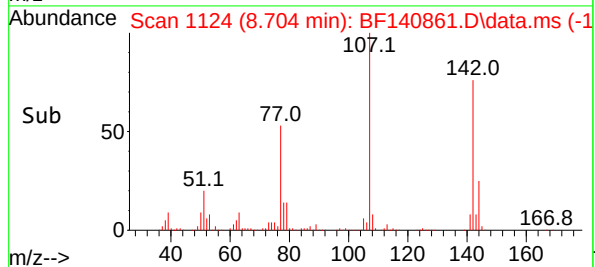
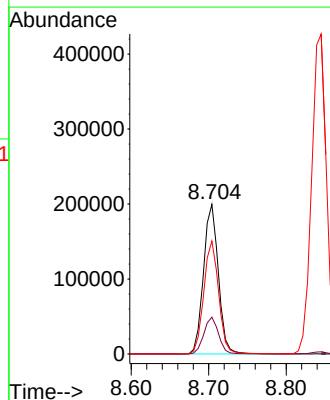
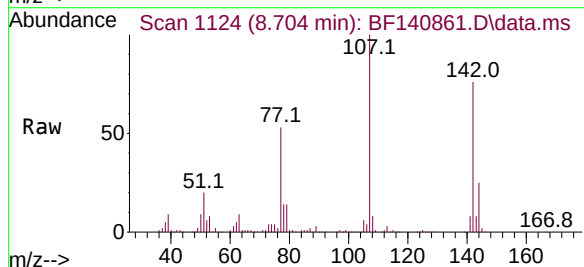
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

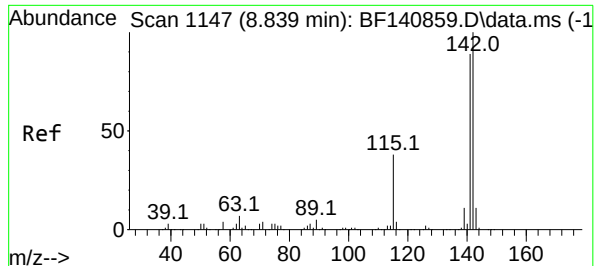
Tgt Ion:113 Resp: 71386
Ion Ratio Lower Upper
113 100
55 151.7 132.3 172.3
56 122.9 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 59.935 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:107 Resp: 266211
Ion Ratio Lower Upper
107 100
144 24.5 19.4 29.2
142 75.5 60.3 90.5

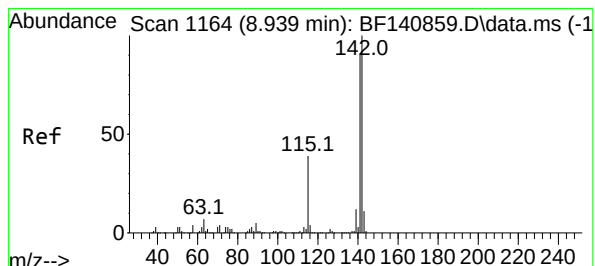
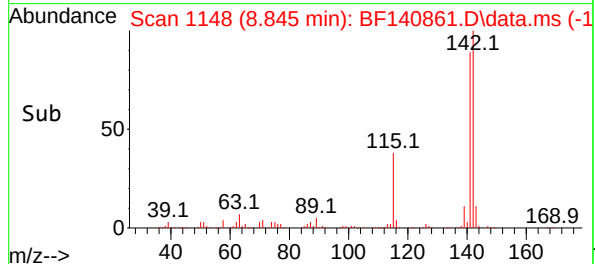
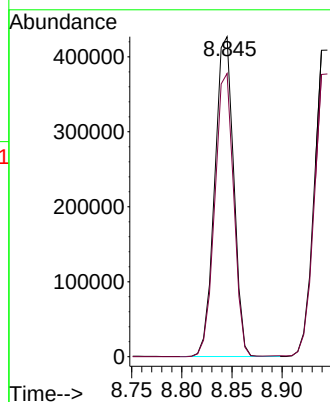
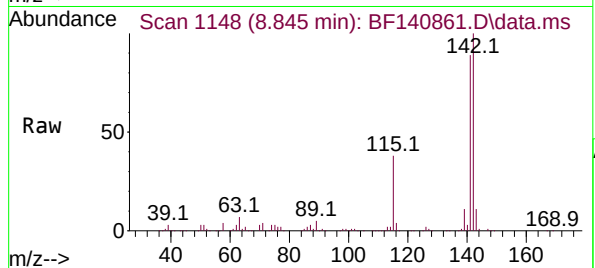




#37
2-Methylnaphthalene
Concen: 59.336 ng
RT: 8.845 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

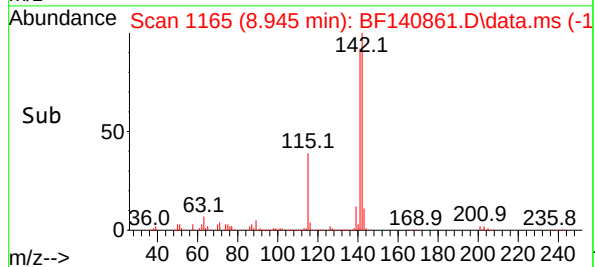
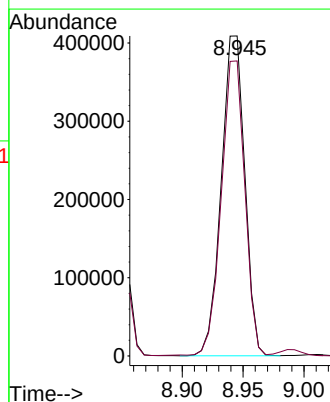
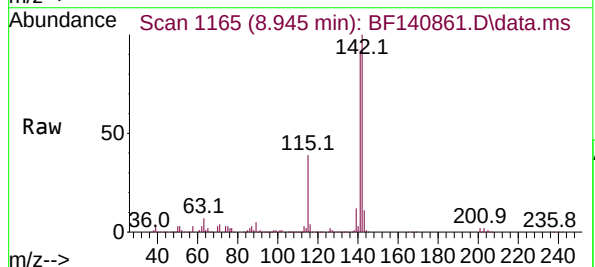
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

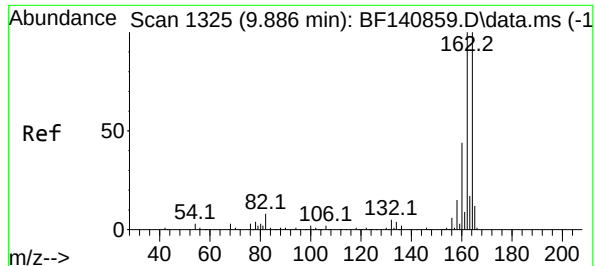
Tgt Ion:142 Resp: 559572
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 58.973 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:142 Resp: 550027
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

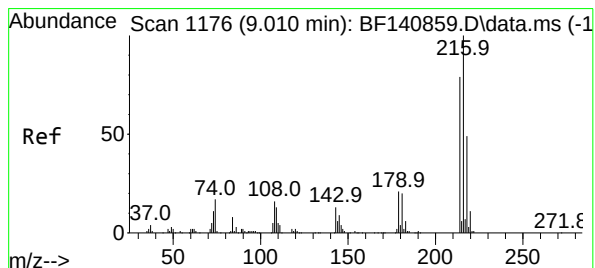
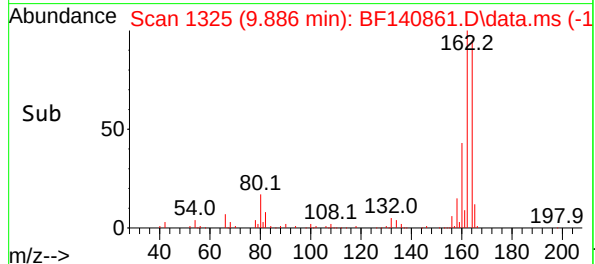
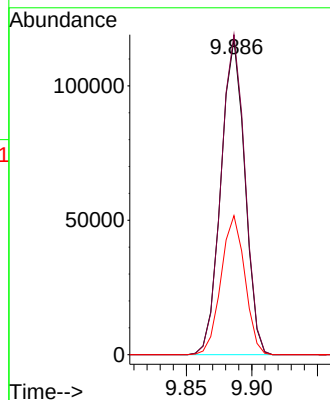
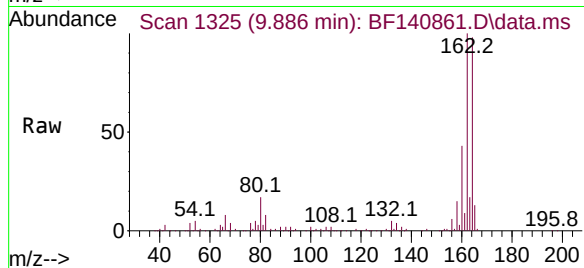




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

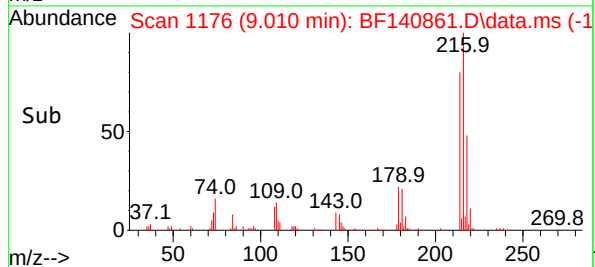
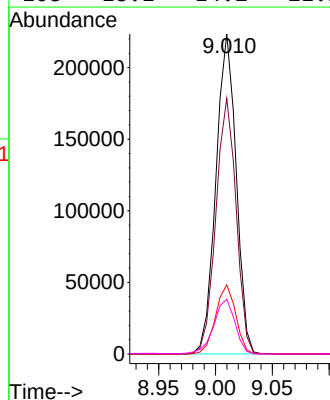
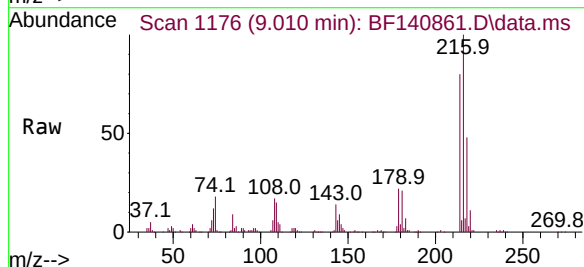
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

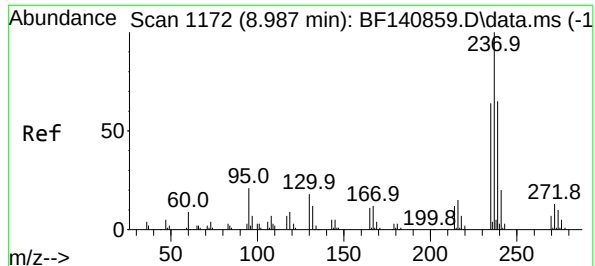
Tgt Ion:164 Resp: 148549
Ion Ratio Lower Upper
164 100
162 101.6 79.9 119.9
160 44.2 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.686 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:216 Resp: 277082
Ion Ratio Lower Upper
216 100
214 79.7 63.6 95.4
179 21.5 17.0 25.4
108 18.1 14.2 21.2

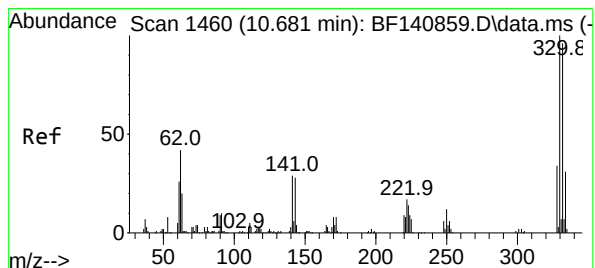
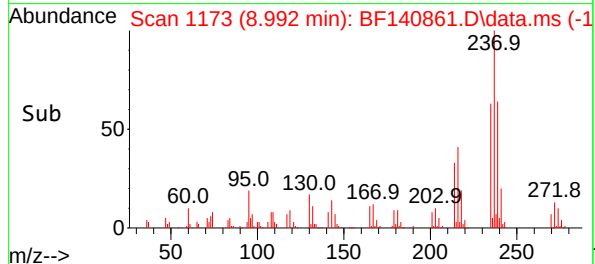
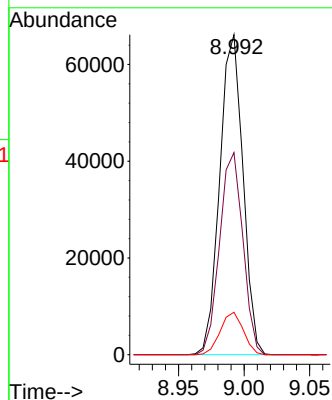
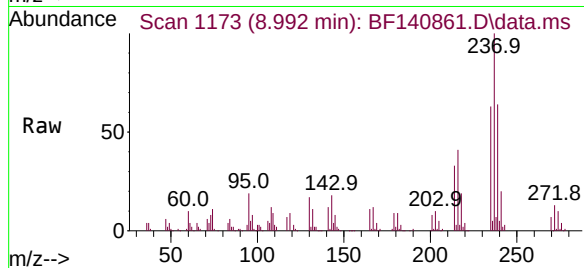




#41
Hexachlorocyclopentadiene
Concen: 60.032 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

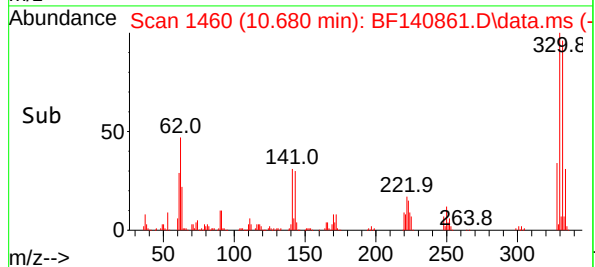
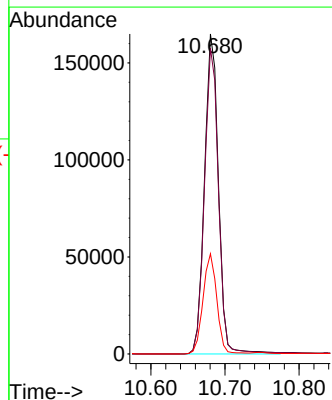
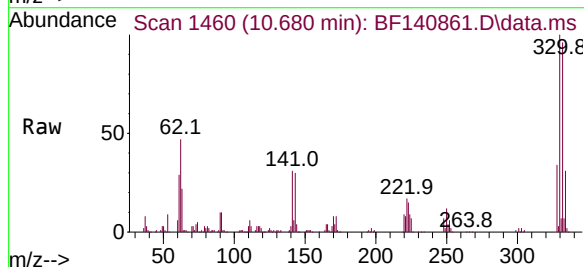
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

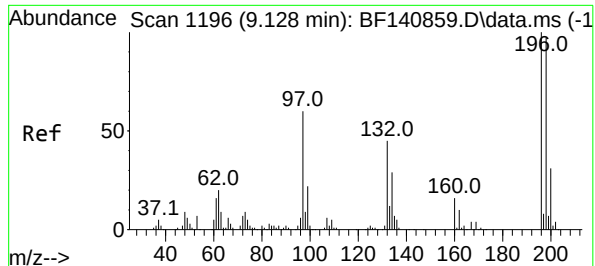
Tgt Ion:237 Resp: 81340
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 123.158 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:330 Resp: 216378
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 30.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 63.005 ng

RT: 9.127 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140861.D

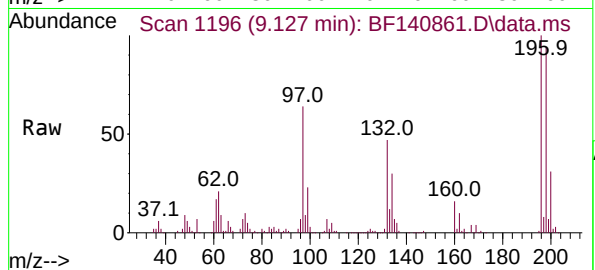
Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



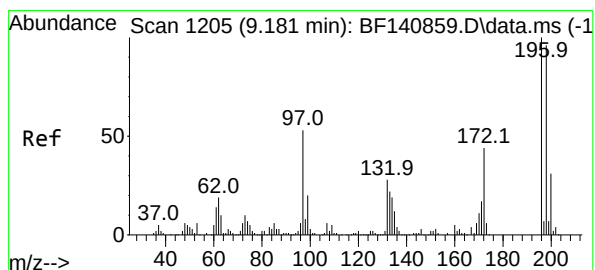
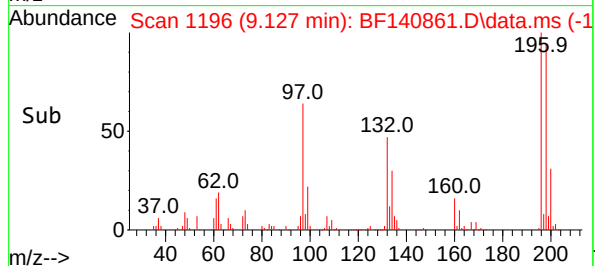
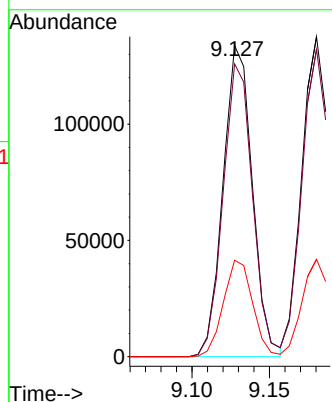
Tgt Ion:196 Resp: 176148

Ion Ratio Lower Upper

196 100

198 94.1 77.4 116.0

200 31.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 61.766 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Tgt Ion:196 Resp: 189802

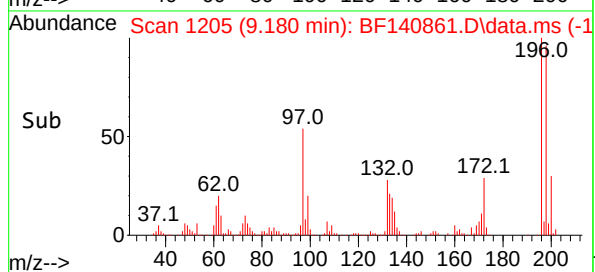
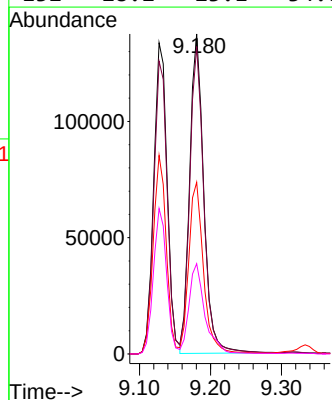
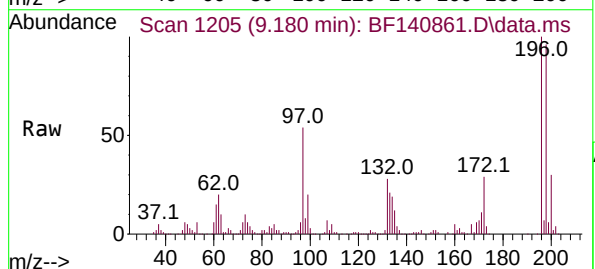
Ion Ratio Lower Upper

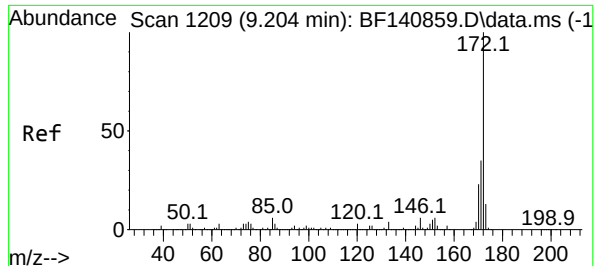
196 100

198 96.0 77.2 115.8

97 53.7 42.2 63.4

132 28.2 23.1 34.7

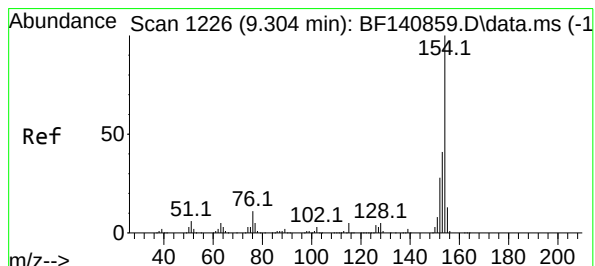
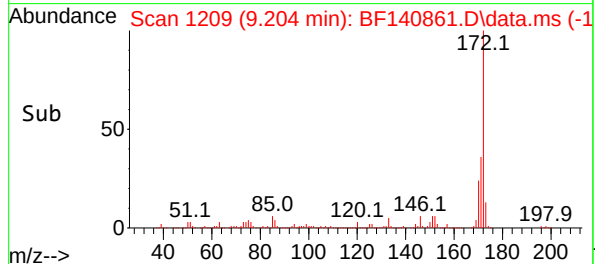
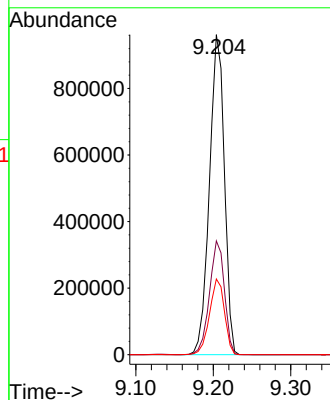
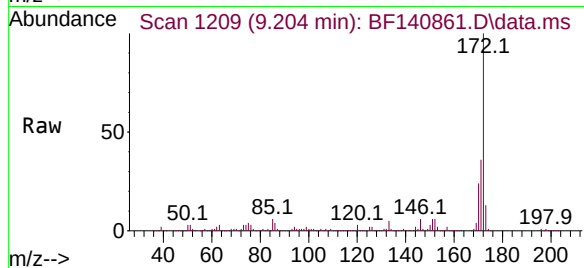




#45
2-Fluorobiphenyl
Concen: 119.184 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

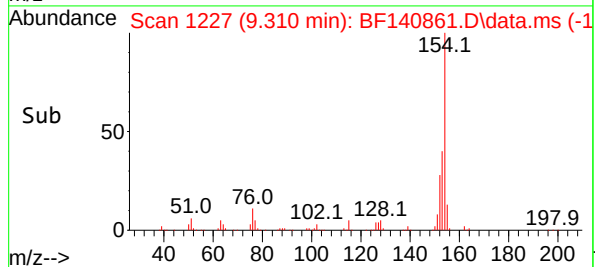
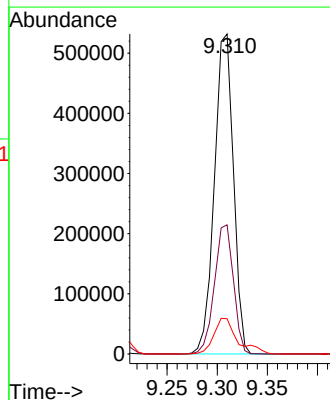
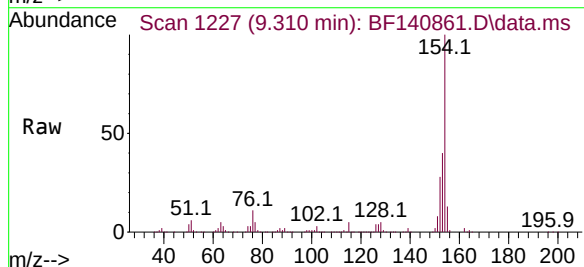
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

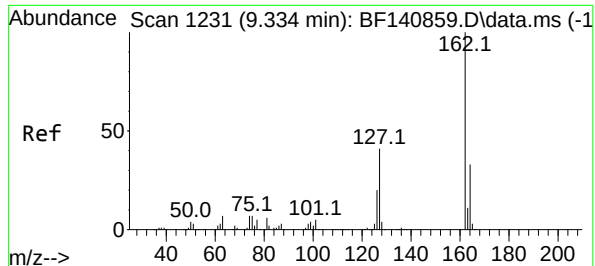
Tgt Ion:172 Resp: 1287749
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 59.429 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:154 Resp: 701999
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 59.491 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

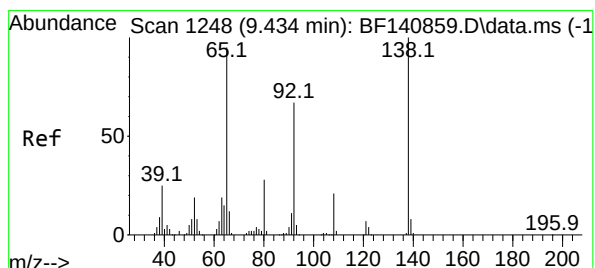
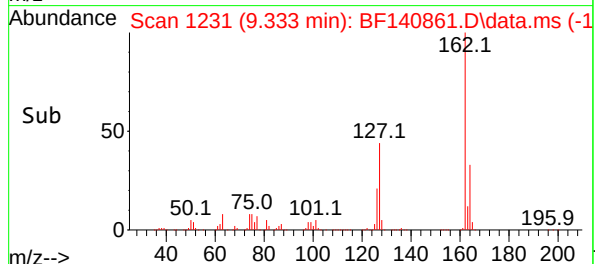
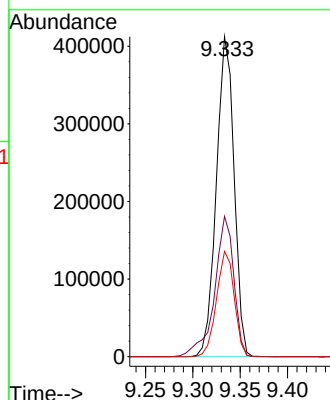
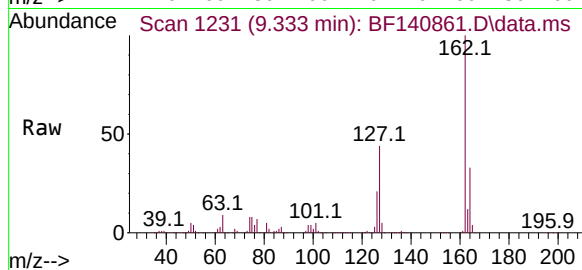
Tgt Ion:162 Resp: 537602

Ion Ratio Lower Upper

162 100

127 43.9 33.5 50.3

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 61.695 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

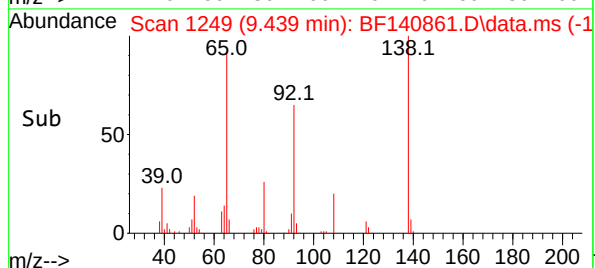
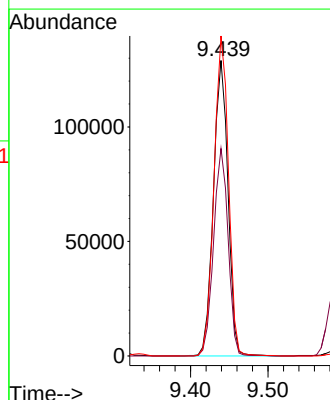
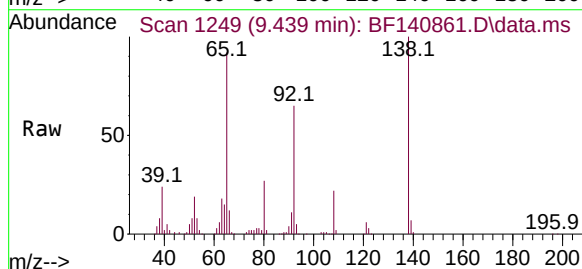
Tgt Ion: 65 Resp: 168378

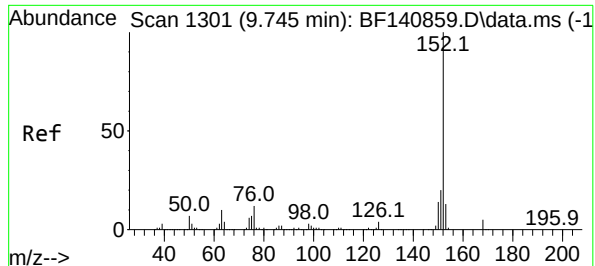
Ion Ratio Lower Upper

65 100

92 70.2 56.3 84.5

138 108.3 83.8 125.6





#49

Acenaphthylene

Concen: 59.836 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

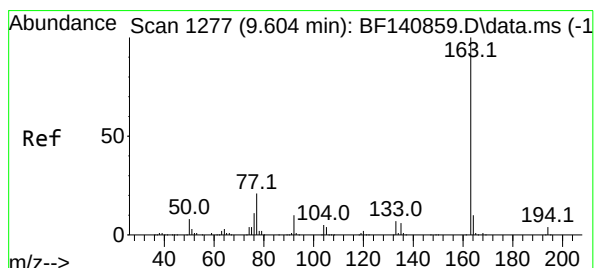
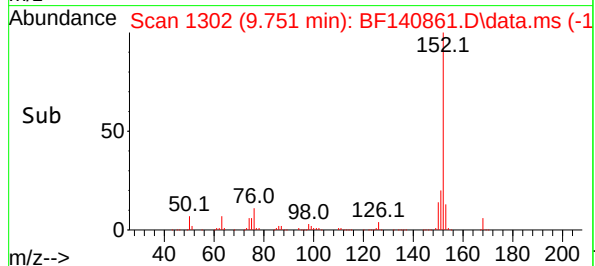
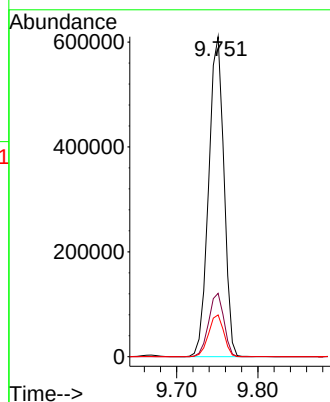
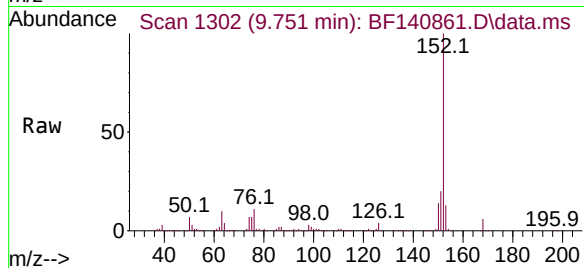
Tgt Ion:152 Resp: 794616

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 60.305 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

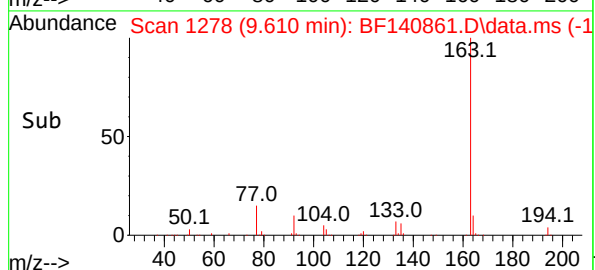
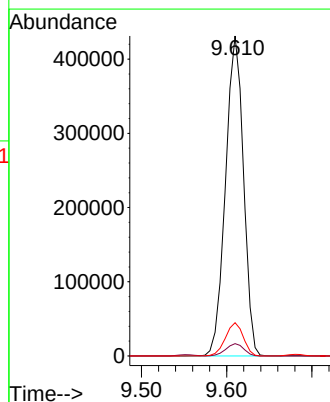
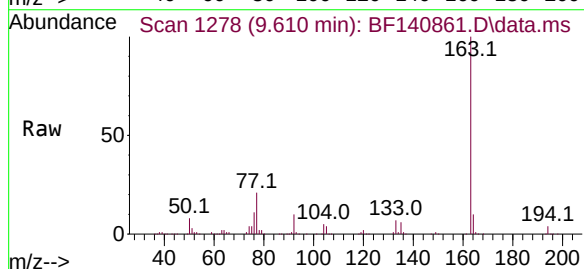
Tgt Ion:163 Resp: 631578

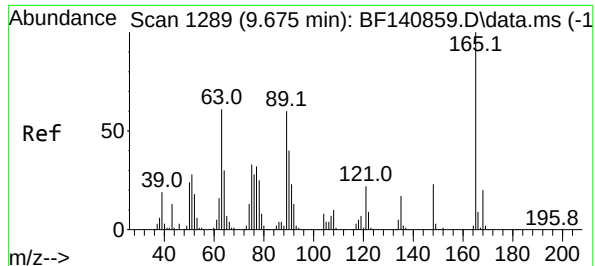
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 59.771 ng

RT: 9.680 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

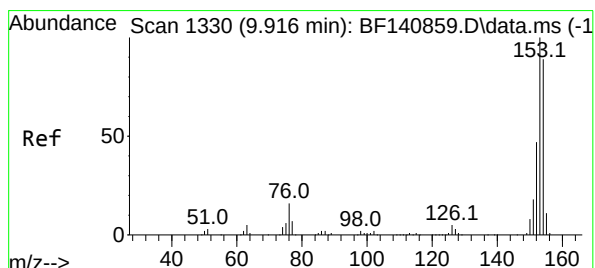
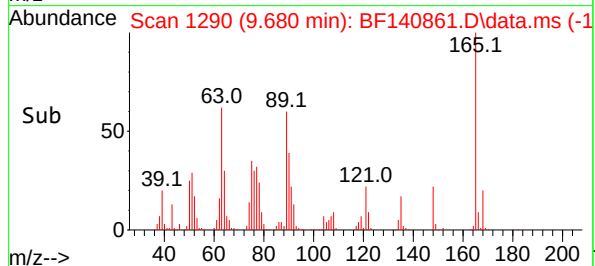
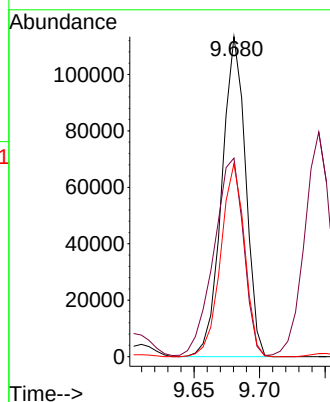
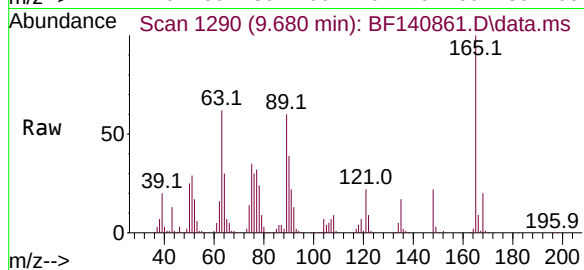
Tgt Ion:165 Resp: 143106

Ion Ratio Lower Upper

165 100

63 62.1 49.7 74.5

89 60.3 48.2 72.4



#52

Acenaphthene

Concen: 60.297 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

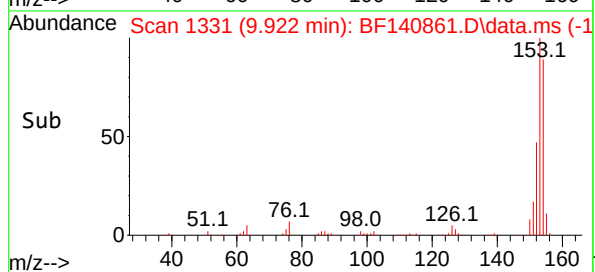
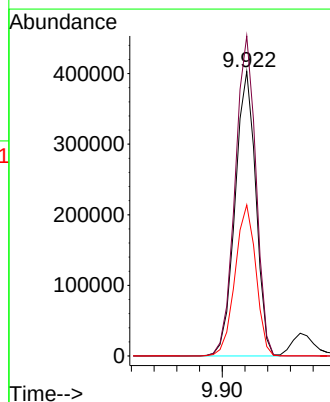
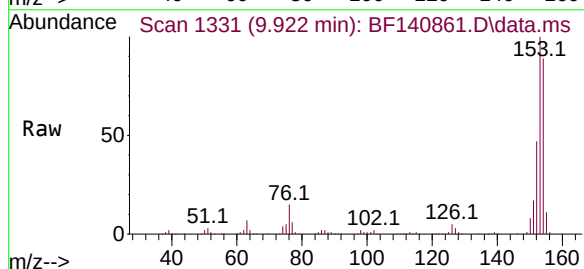
Tgt Ion:154 Resp: 511499

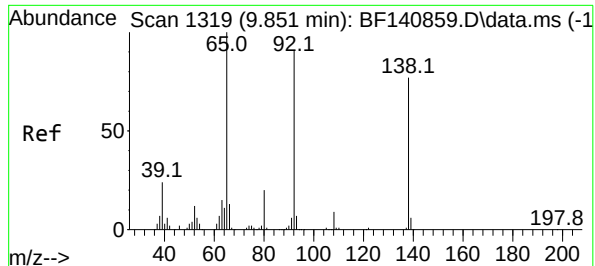
Ion Ratio Lower Upper

154 100

153 112.5 89.9 134.9

152 53.1 42.6 63.8

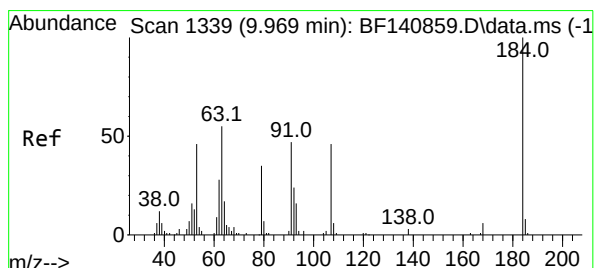
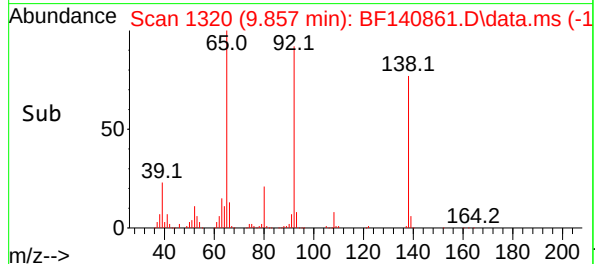
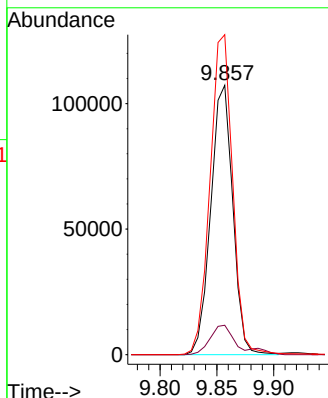
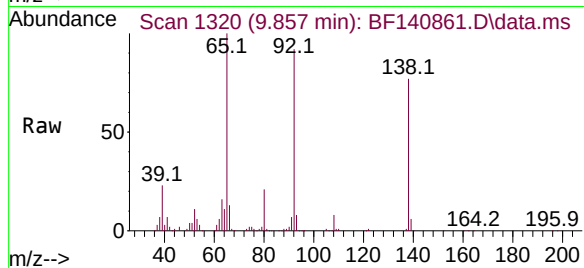




#53
3-Nitroaniline
Concen: 60.971 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

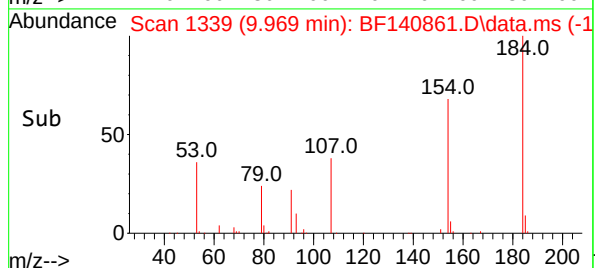
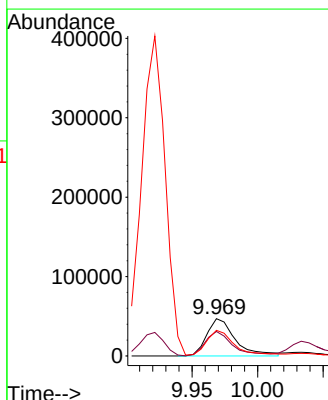
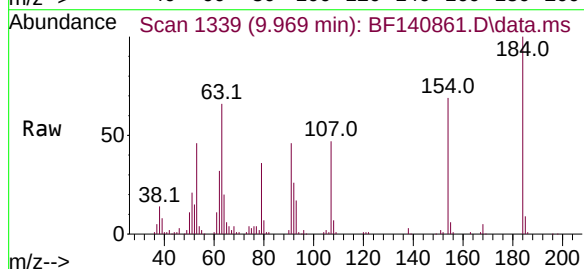
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

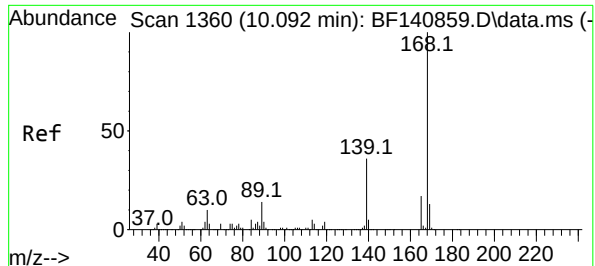
Tgt Ion:138 Resp: 144867
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 118.7 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 62.619 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:184 Resp: 71344
Ion Ratio Lower Upper
184 100
63 65.5 51.6 77.4
154 68.7 56.1 84.1

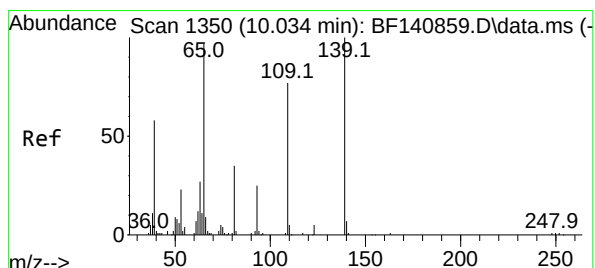
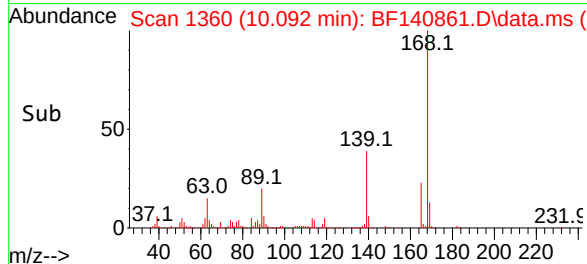
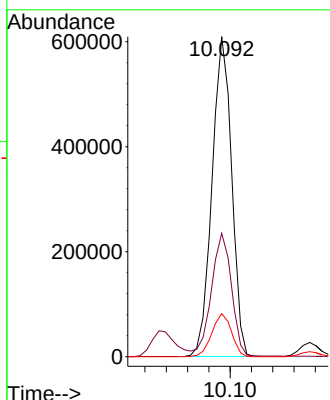
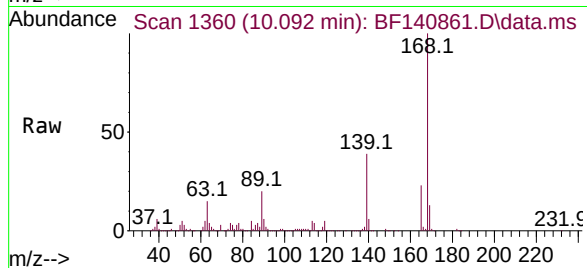




#55
Dibenzenofuran
Concen: 59.193 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

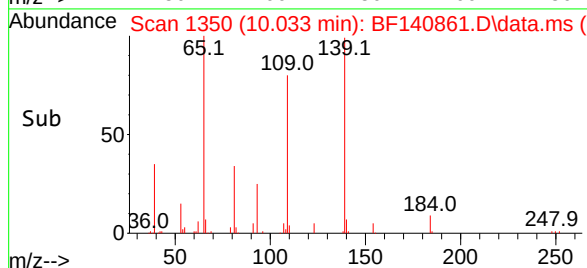
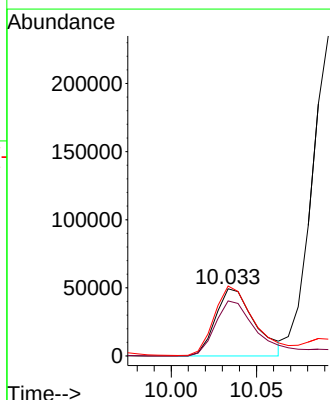
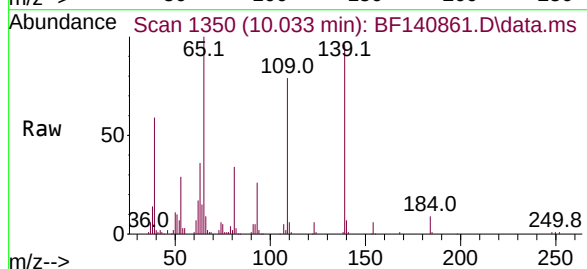
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

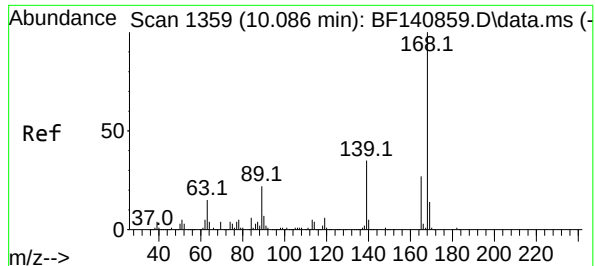
Tgt Ion:168 Resp: 778085
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 62.429 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:139 Resp: 78468
Ion Ratio Lower Upper
139 100
109 81.8 56.7 96.7
65 104.1 78.1 118.1

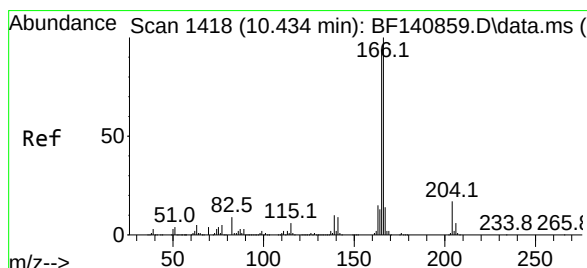
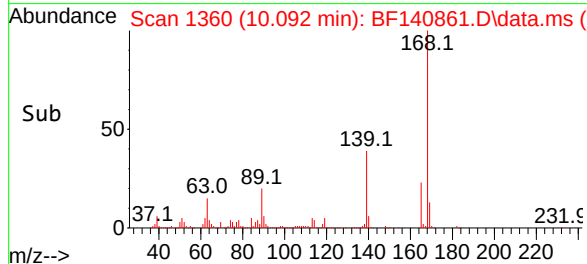
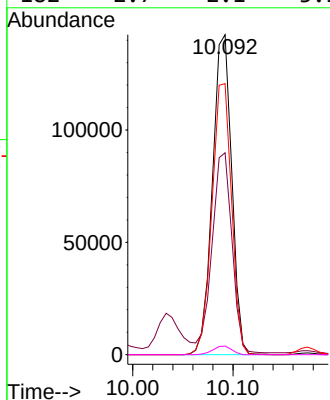
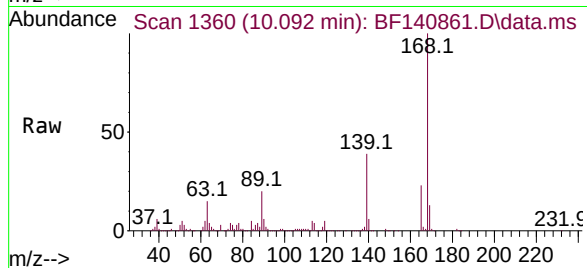




#57
2,4-Dinitrotoluene
Concen: 60.246 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

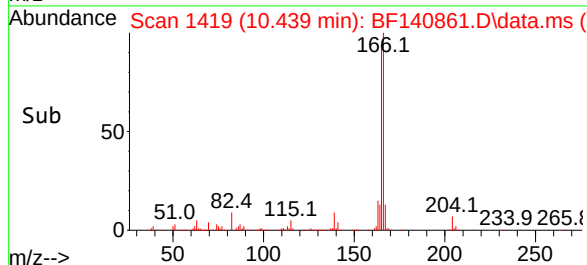
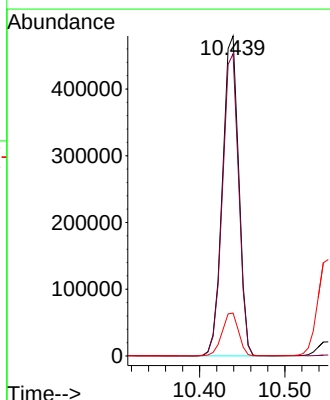
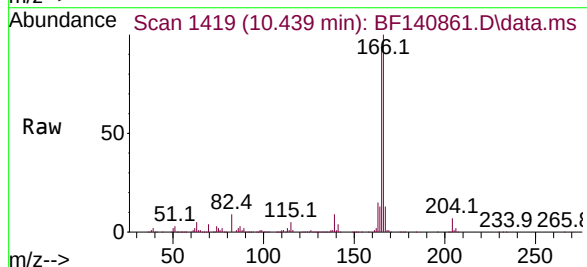
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

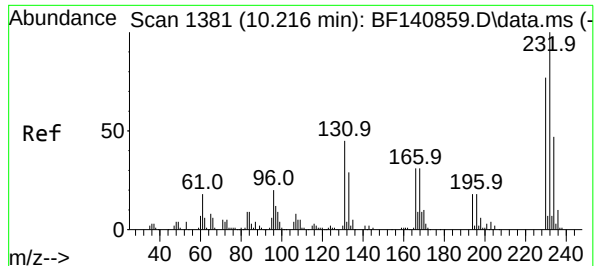
Tgt Ion:165 Resp: 189784
Ion Ratio Lower Upper
165 100
63 63.1 49.3 73.9
89 84.7 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 58.546 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:166 Resp: 634898
Ion Ratio Lower Upper
166 100
165 94.5 75.1 112.7
167 13.4 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 63.281 ng

RT: 10.216 min Scan# 1381

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 158455

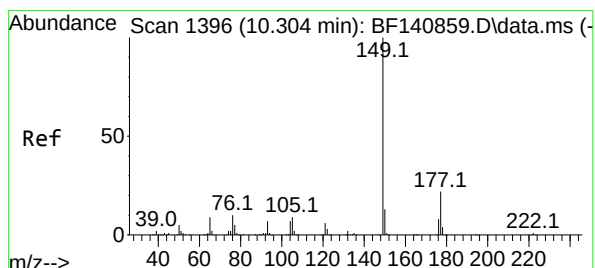
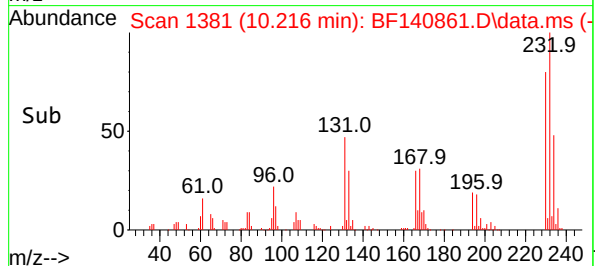
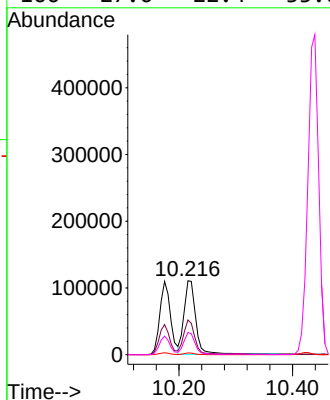
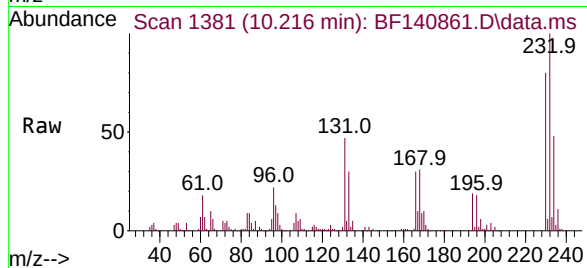
Ion Ratio Lower Upper

232 100

131 44.9 35.1 52.7

130 2.2 1.8 2.8

166 27.6 22.4 33.6



#60

Diethylphthalate

Concen: 59.961 ng

RT: 10.304 min Scan# 1396

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

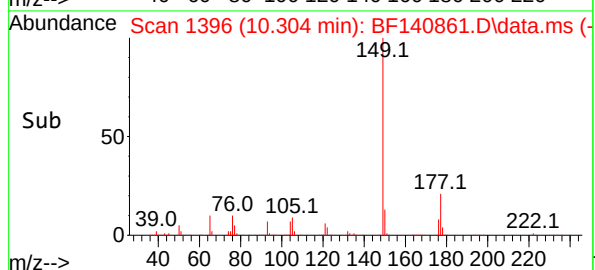
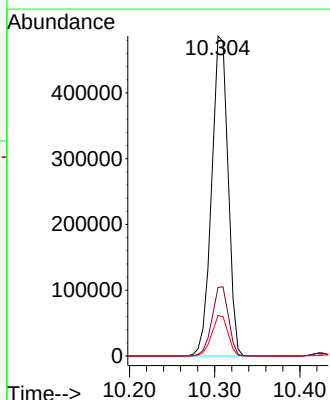
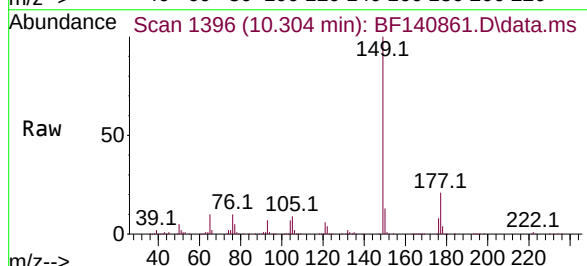
Tgt Ion:149 Resp: 651190

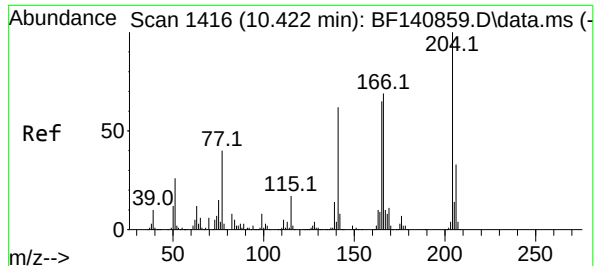
Ion Ratio Lower Upper

149 100

177 21.4 17.2 25.8

150 12.6 10.1 15.1

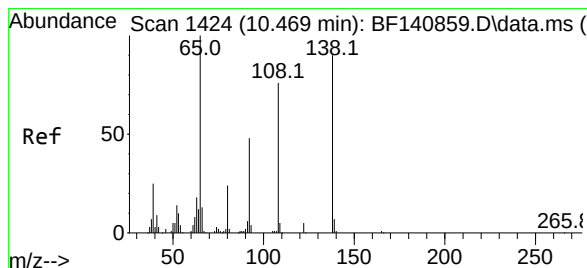
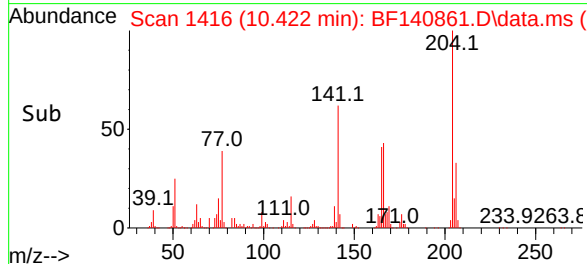
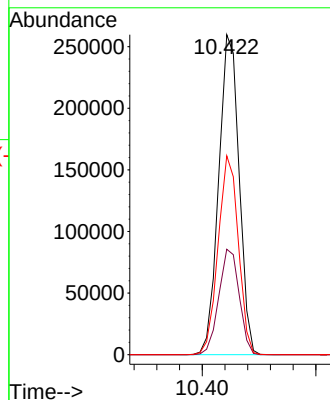
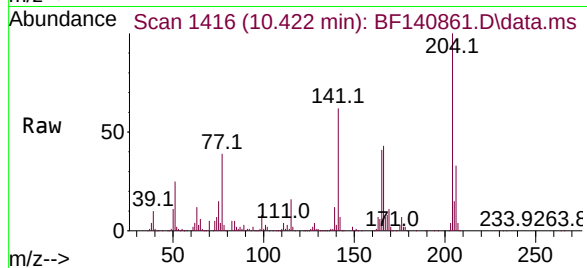




#61
4-Chlorophenyl-phenylether
Concen: 59.539 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

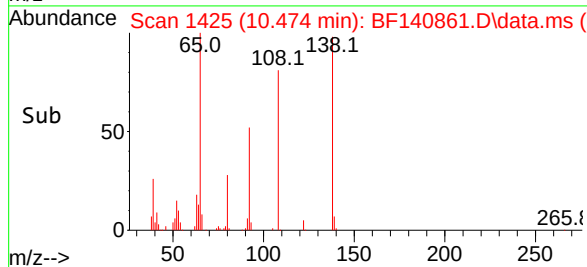
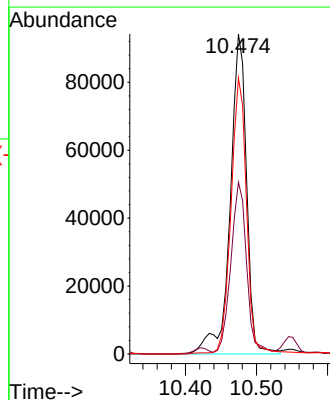
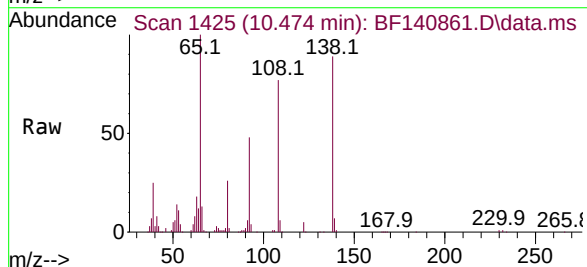
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

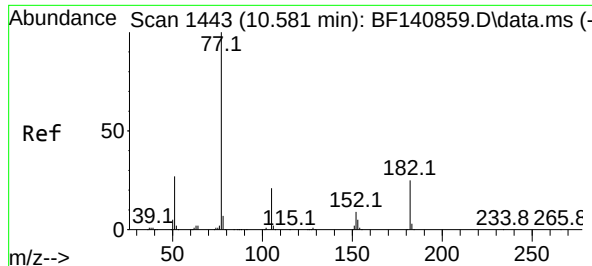
Tgt Ion:204 Resp: 324333
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.1 50.0 75.0



#62
4-Nitroaniline
Concen: 60.812 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:138 Resp: 150990
Ion Ratio Lower Upper
138 100
92 53.7 32.6 72.6
108 86.3 64.1 104.1

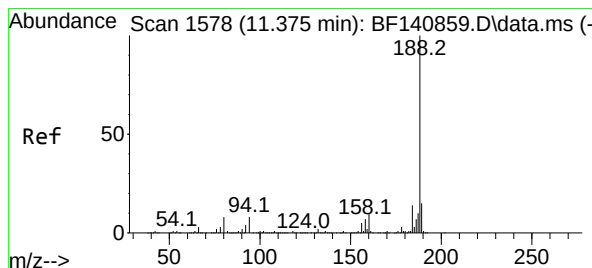
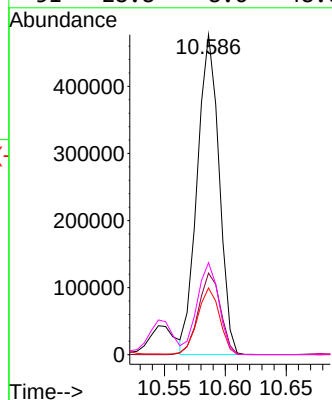
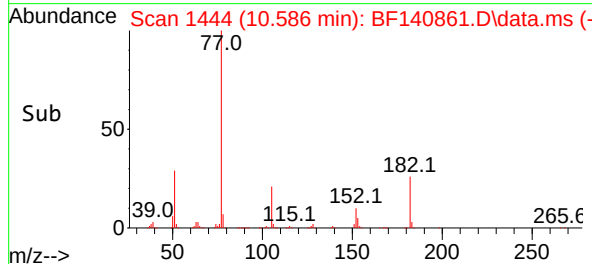
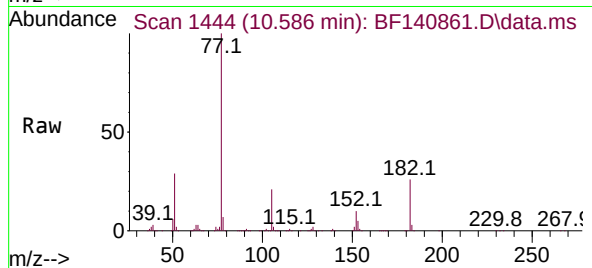




#63
Azobenzene
Concen: 58.245 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

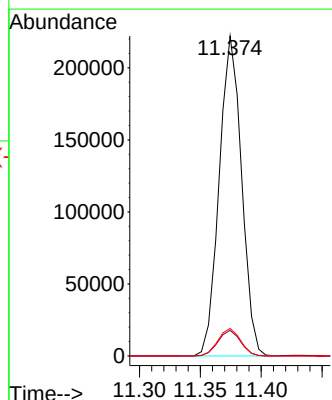
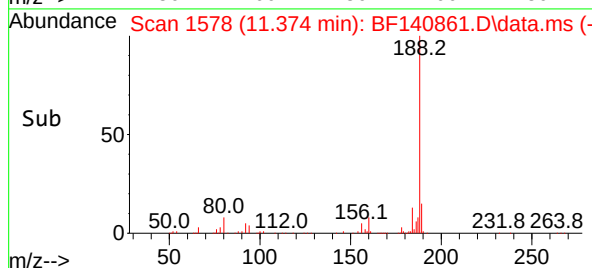
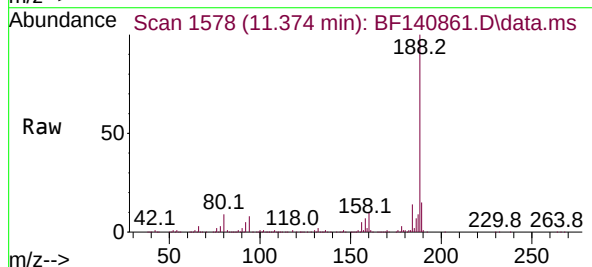
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

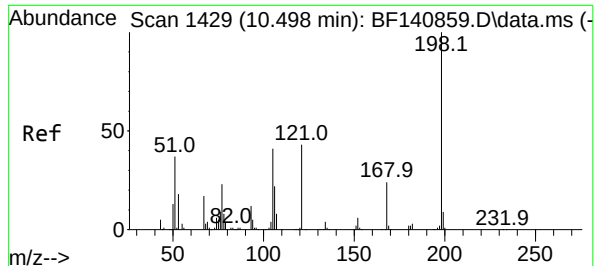
Tgt Ion: 77	Resp: 594674
Ion Ratio	Lower Upper
77	100
182	25.5 4.5 44.5
105	20.8 0.9 40.9
51	28.8 8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion: 188	Resp: 283911
Ion Ratio	Lower Upper
188	100
94	8.0 6.4 9.6
80	8.6 6.8 10.2

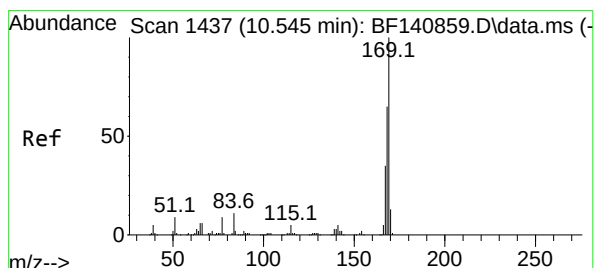
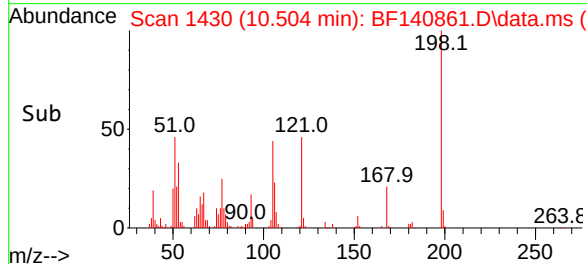
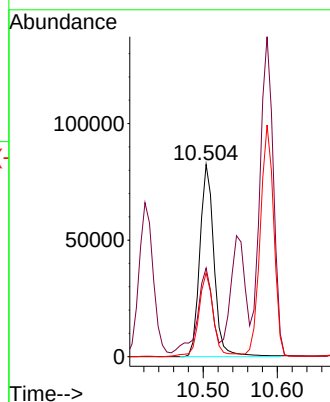
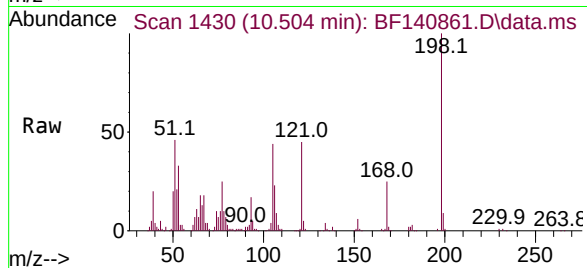




#65
4,6-Dinitro-2-methylphenol
Concen: 68.263 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

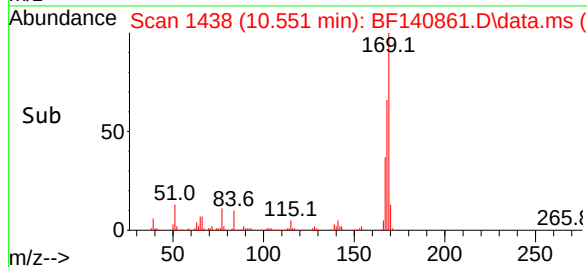
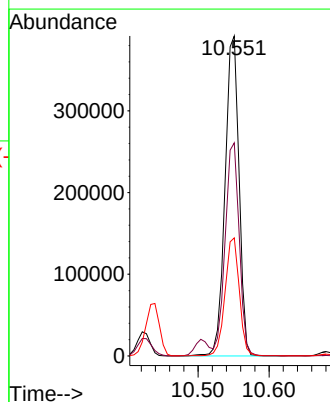
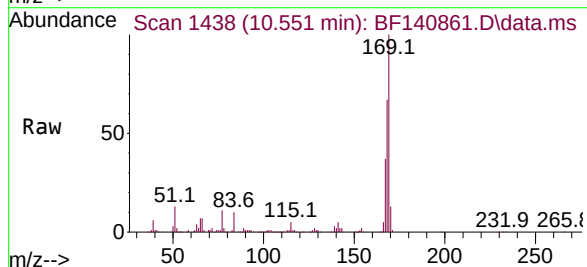
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

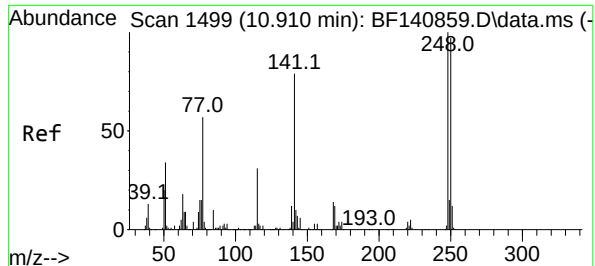
Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.2	24.4	64.4
105	43.6	22.1	62.1



#66
n-Nitrosodiphenylamine
Concen: 61.058 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.0
167	36.9	28.3	42.5

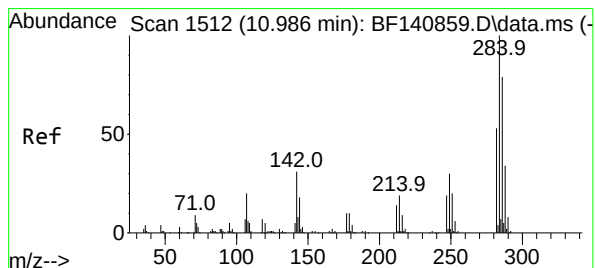
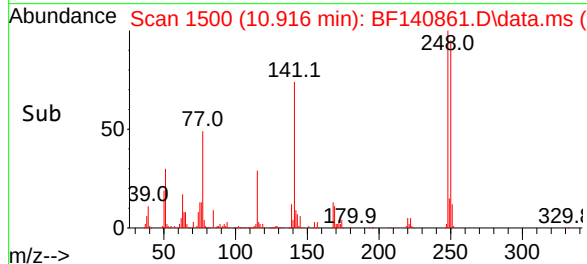
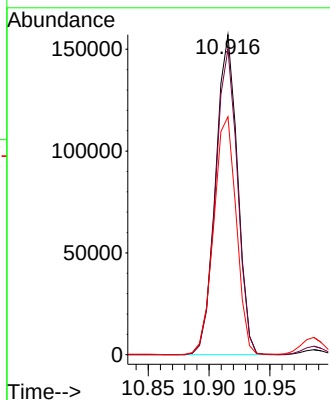
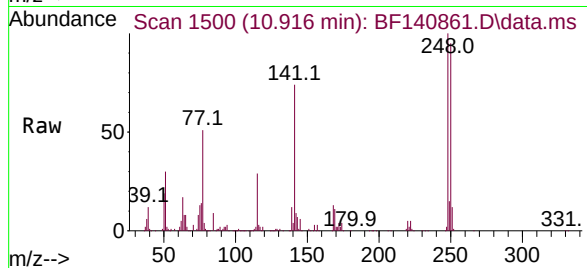




#67
4-Bromophenyl-phenylether
Concen: 61.907 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

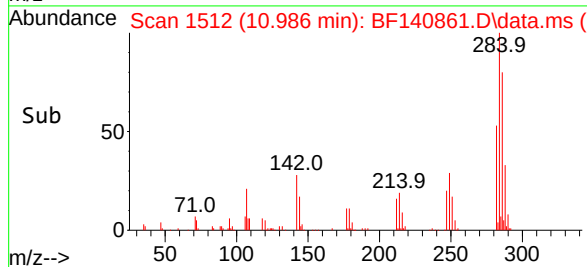
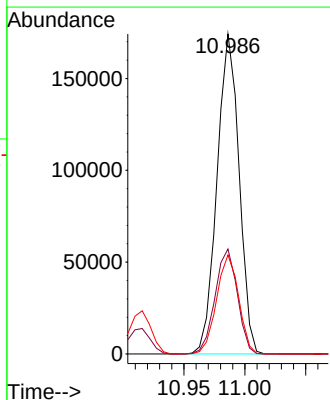
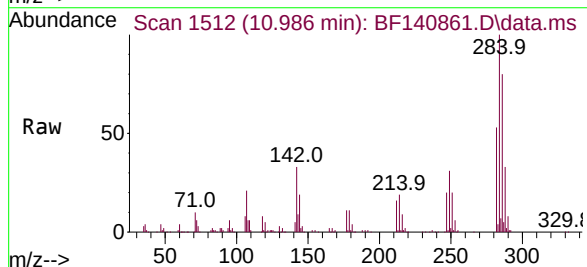
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

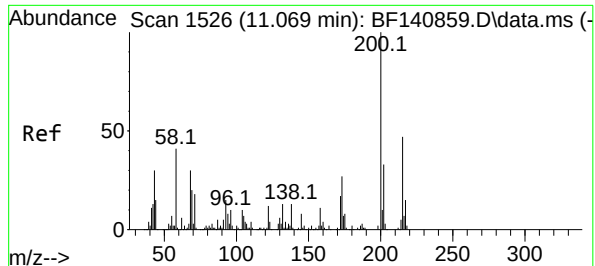
Tgt Ion:248 Resp: 196628
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 74.3 62.9 94.3



#68
Hexachlorobenzene
Concen: 61.005 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:284 Resp: 219687
Ion Ratio Lower Upper
284 100
142 32.8 24.6 36.8
249 31.0 24.3 36.5

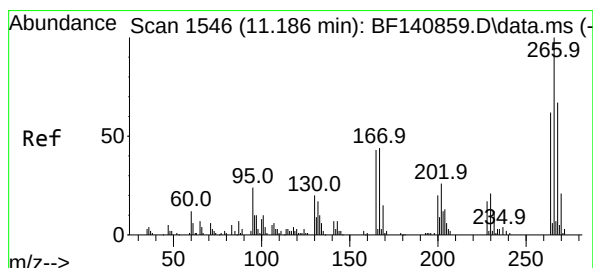
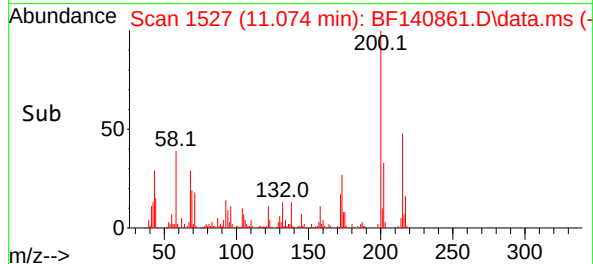
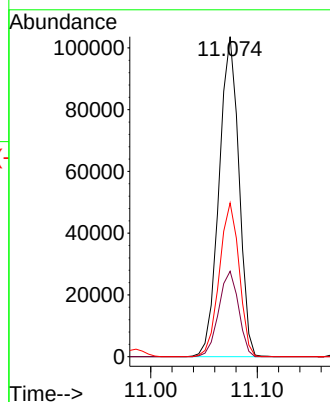
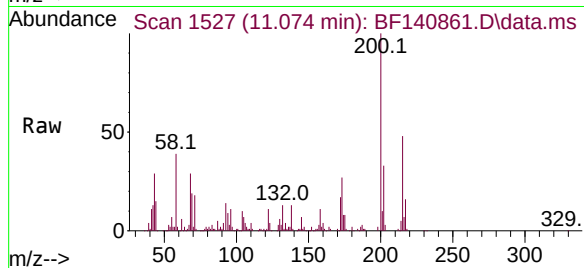




#69
Atrazine
Concen: 54.965 ng
RT: 11.074 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

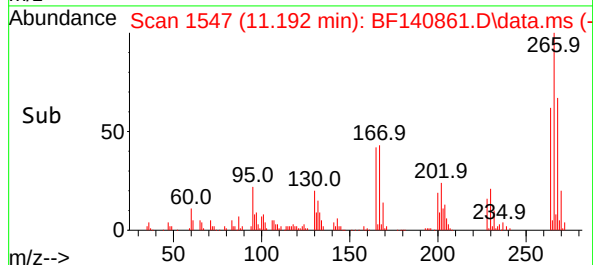
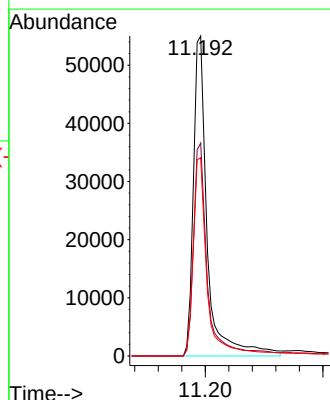
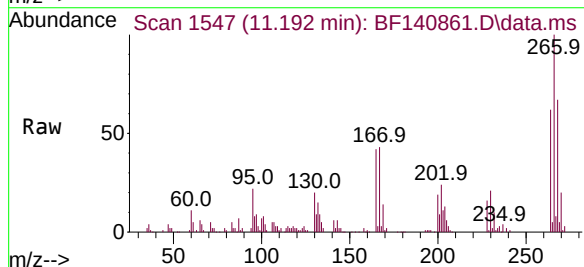
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

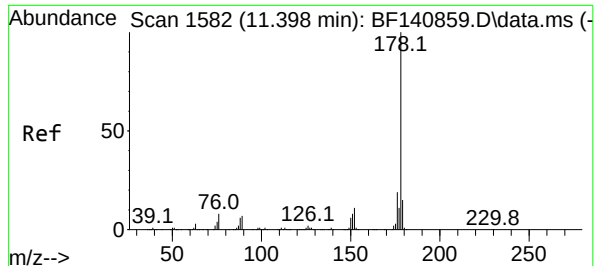
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.6	46.6
215	48.1	26.7	66.7



#70
Pentachlorophenol
Concen: 68.816 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	54.0	81.0
264	62.0	49.4	74.2

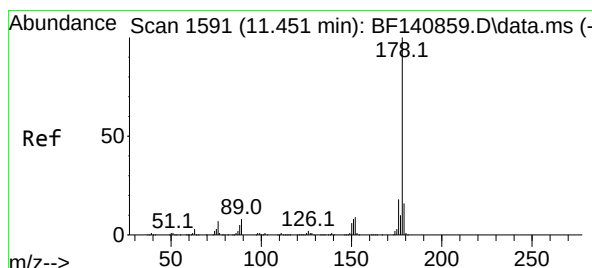
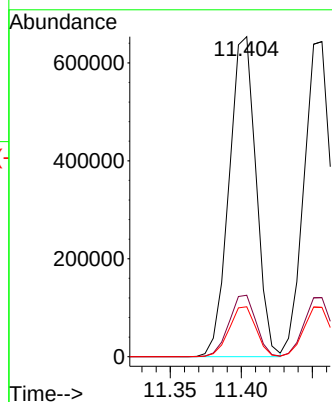
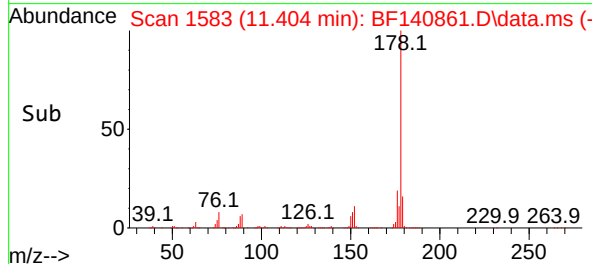
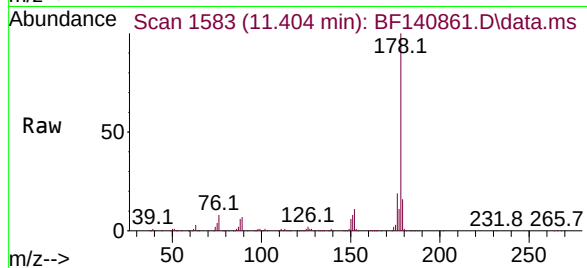




#71
Phenanthrene
Concen: 59.118 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

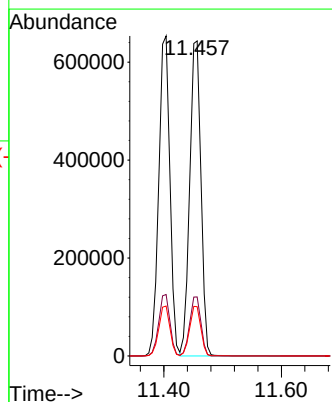
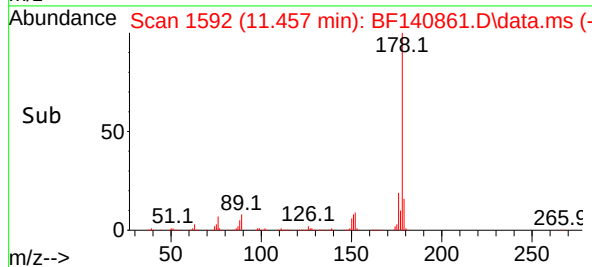
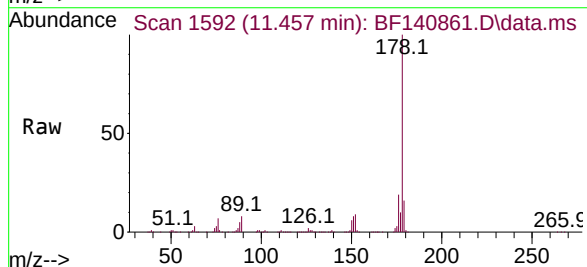
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

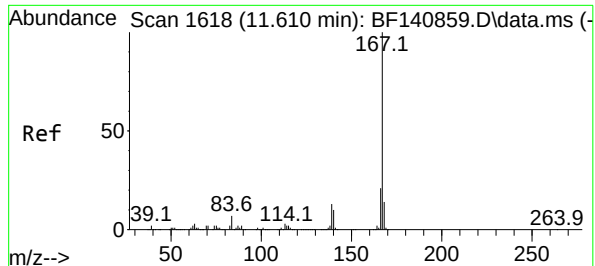
Tgt Ion:178 Resp: 863112
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 59.213 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:178 Resp: 851368
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.6 12.6 18.8

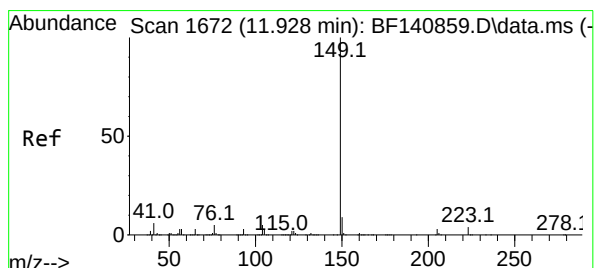
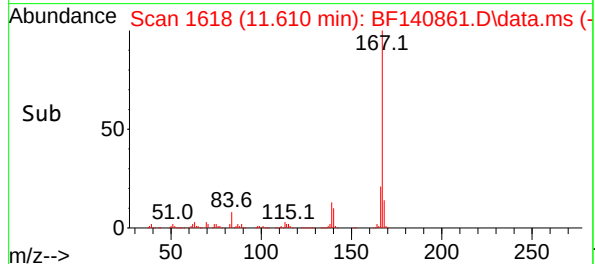
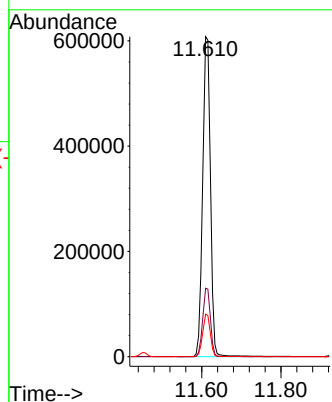
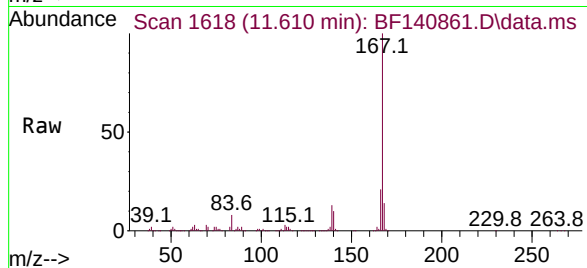




#73
Carbazole
Concen: 58.682 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

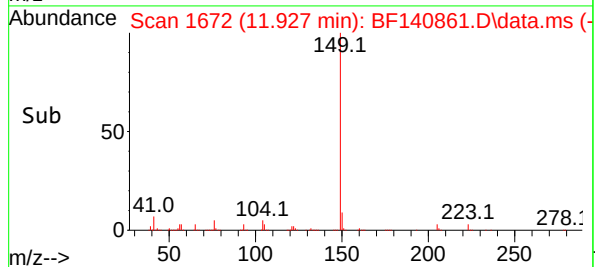
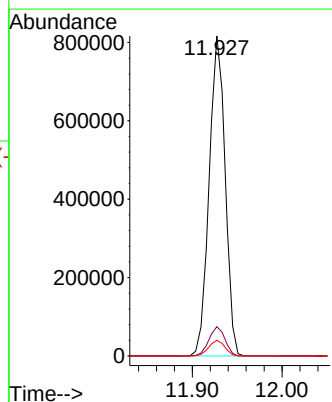
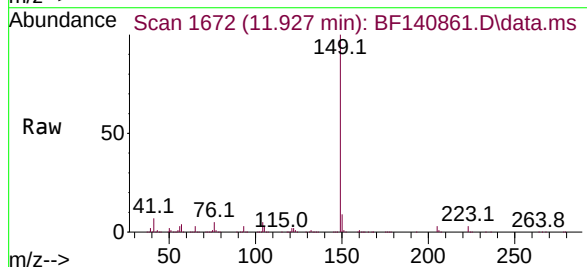
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

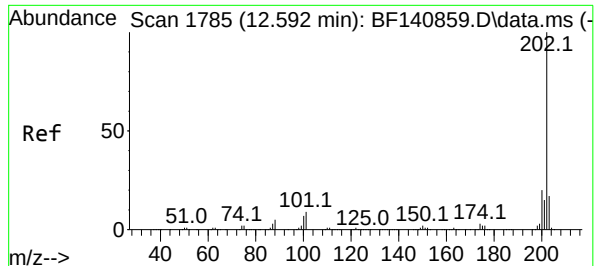
Tgt Ion:167 Resp: 826415
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 13.3 10.2 15.2



#74
Di-n-butylphthalate
Concen: 61.102 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 1009898
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.9 3.8 5.8

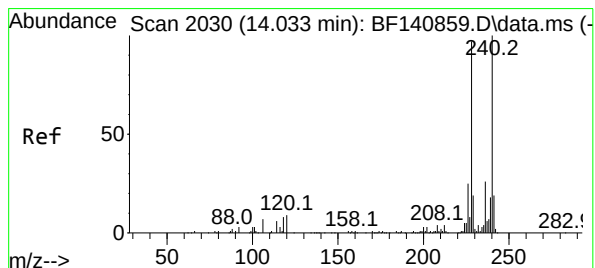
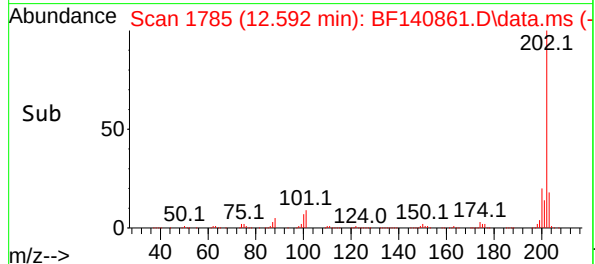
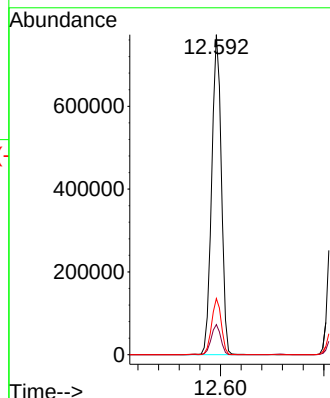
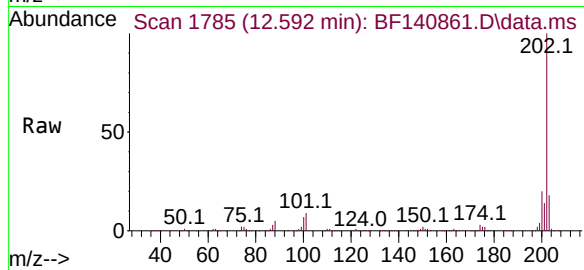




#75
Fluoranthene
Concen: 59.520 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

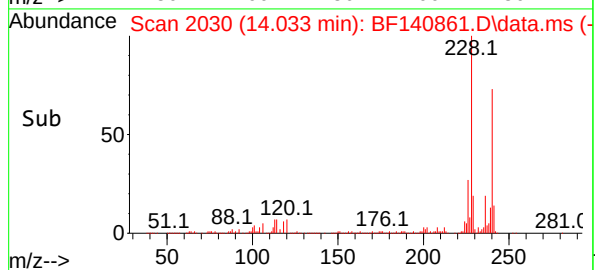
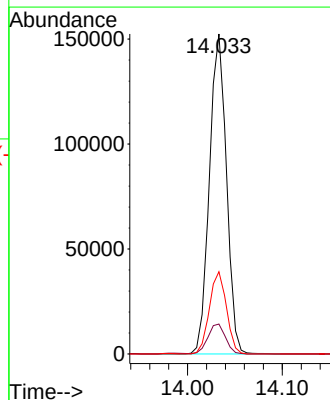
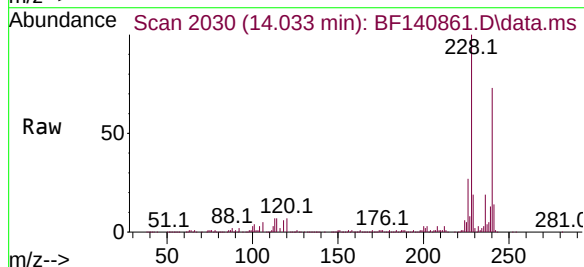
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

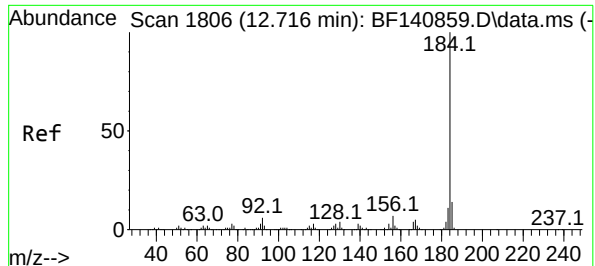
Tgt Ion:202 Resp: 1000773
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:240 Resp: 189956
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 25.7 20.5 30.7

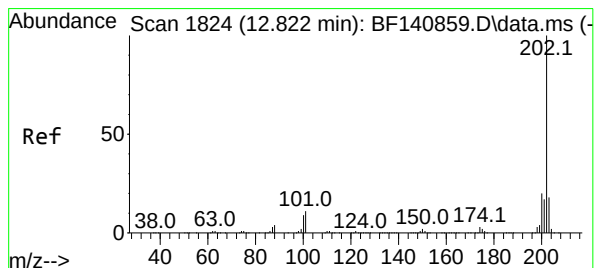
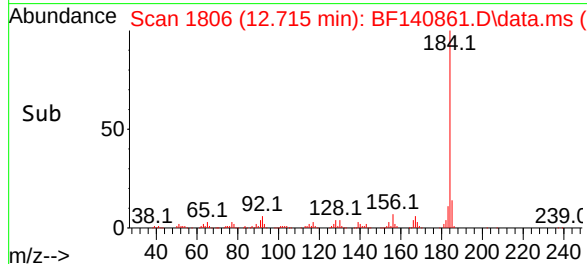
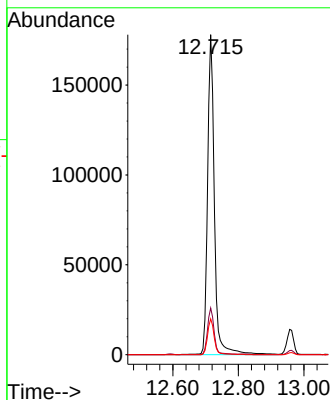
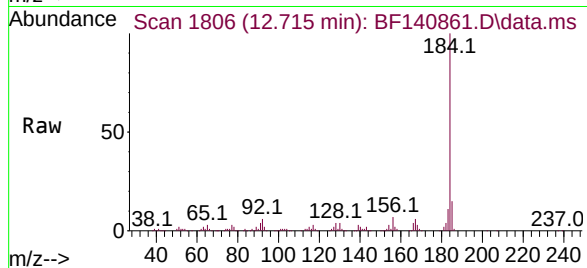




#77
Benzidine
Concen: 66.762 ng
RT: 12.715 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

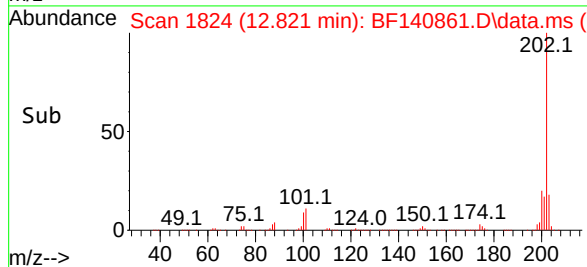
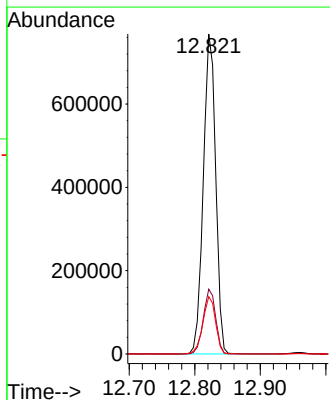
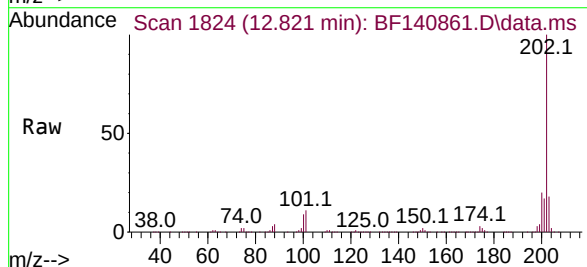
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

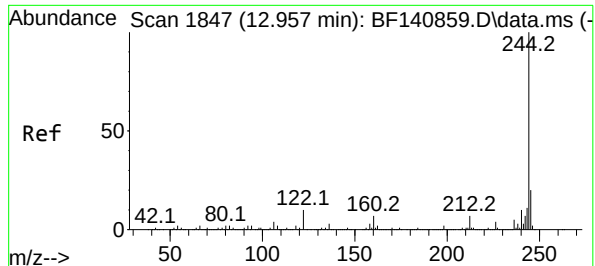
Tgt Ion:184 Resp: 258833
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 11.2 9.0 13.4



#78
Pyrene
Concen: 59.679 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:202 Resp: 1008093
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 119.191 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140861.D

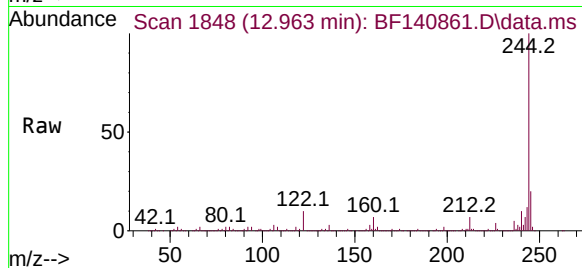
Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



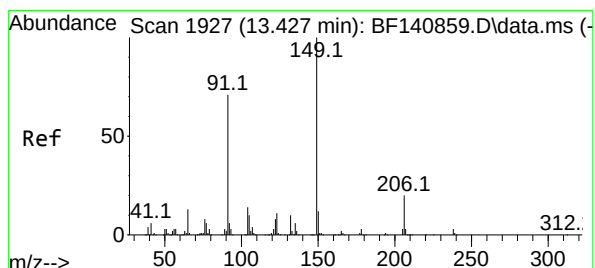
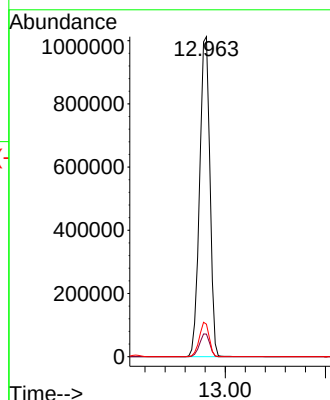
Tgt Ion:244 Resp: 1435829

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 62.410 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

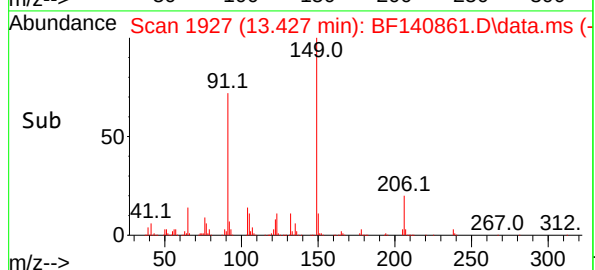
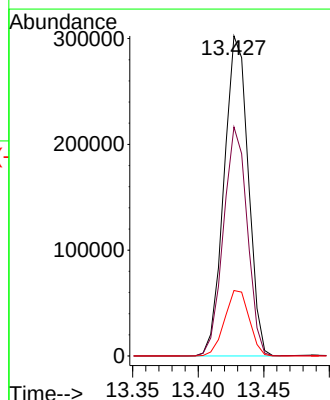
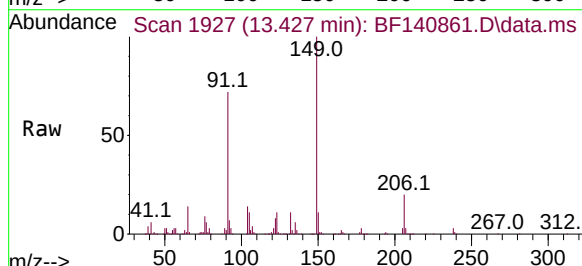
Tgt Ion:149 Resp: 387906

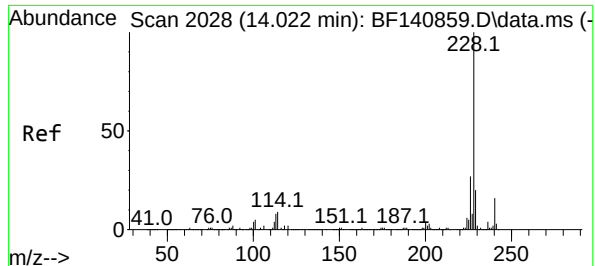
Ion Ratio Lower Upper

149 100

91 71.6 56.7 85.1

206 20.5 16.4 24.6

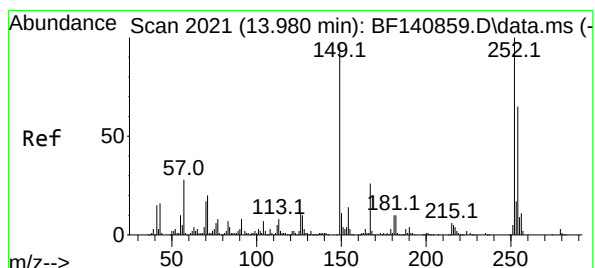
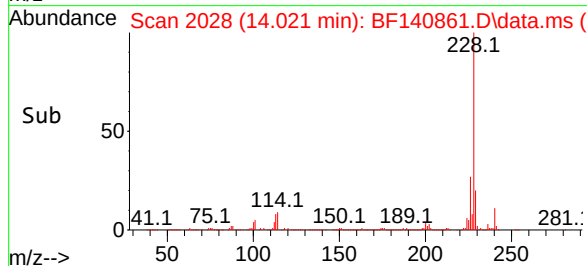
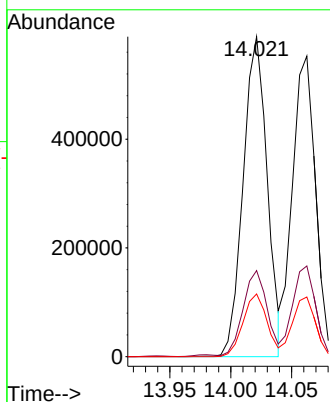
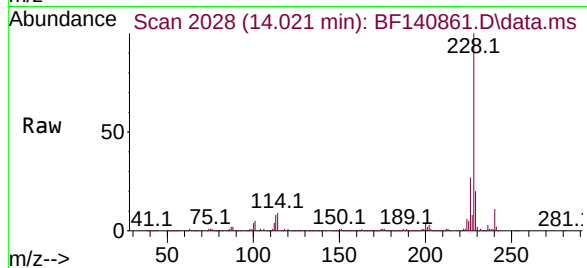




#81
Benzo(a)anthracene
Concen: 60.019 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

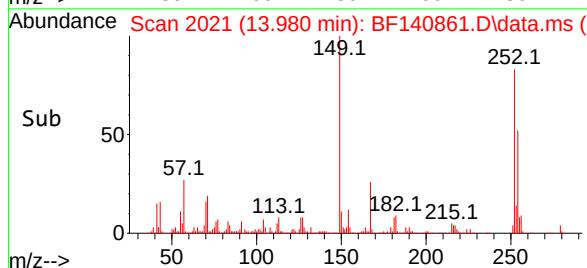
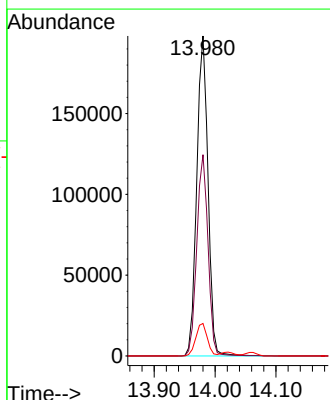
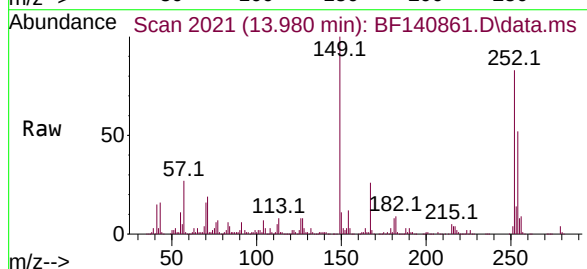
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

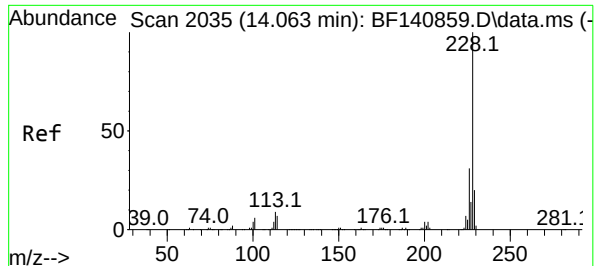
Tgt Ion:228 Resp: 808026
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 62.622 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:252 Resp: 254358
Ion Ratio Lower Upper
252 100
254 62.9 52.3 78.5
126 10.2 8.4 12.6

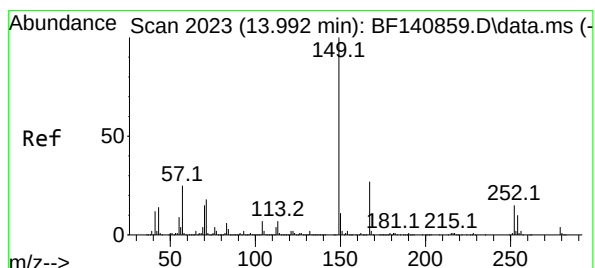
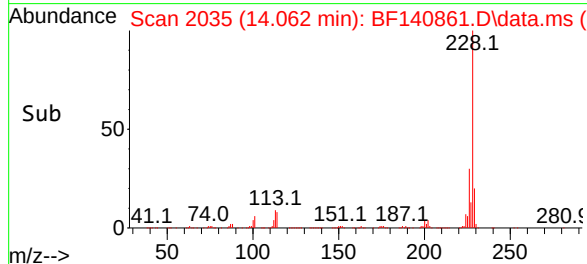
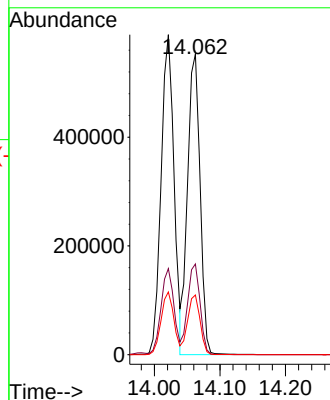
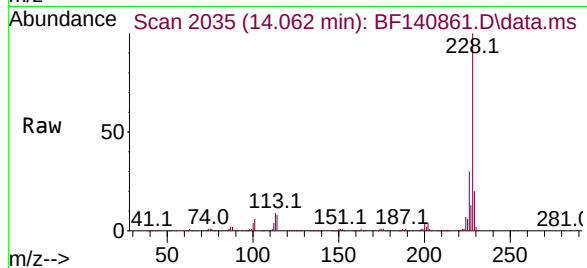




#83
Chrysene
Concen: 59.712 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

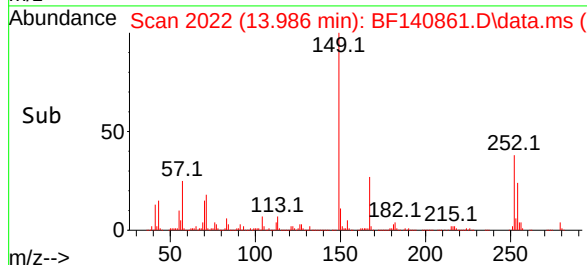
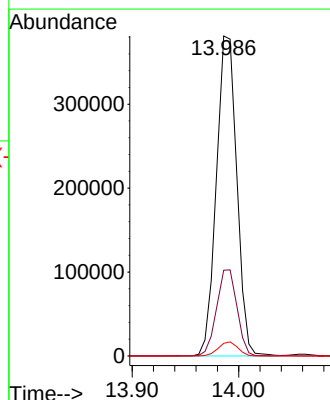
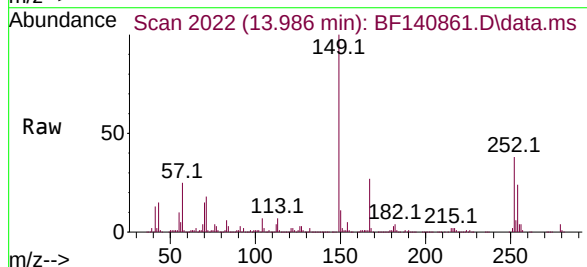
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

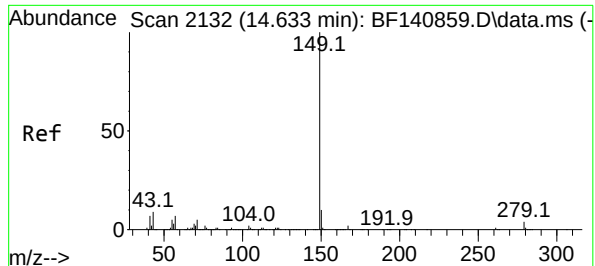
Tgt Ion:228 Resp: 731004
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.289 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:149 Resp: 507221
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 4.0 3.5 5.3

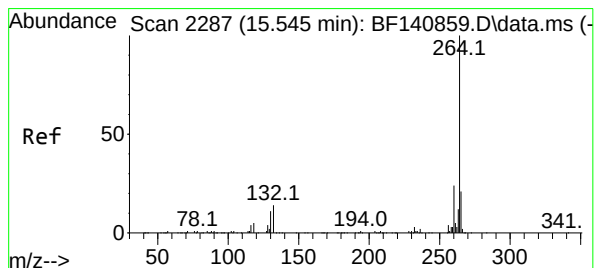
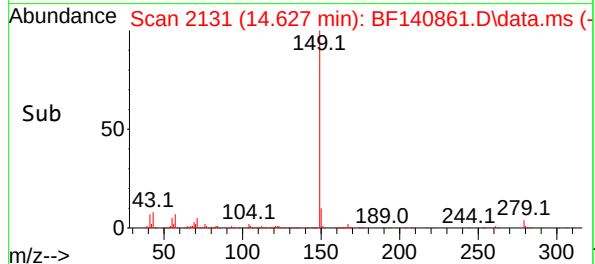
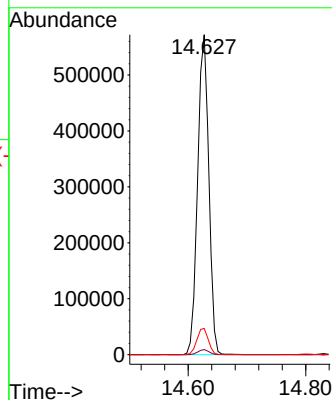
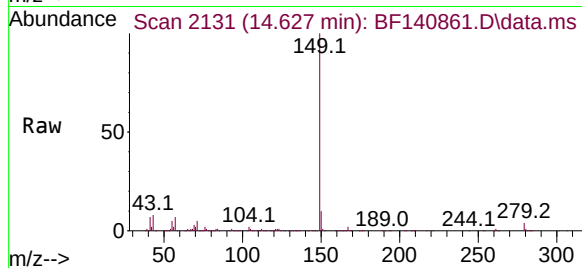




#85
Di-n-octyl phthalate
Concen: 62.220 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

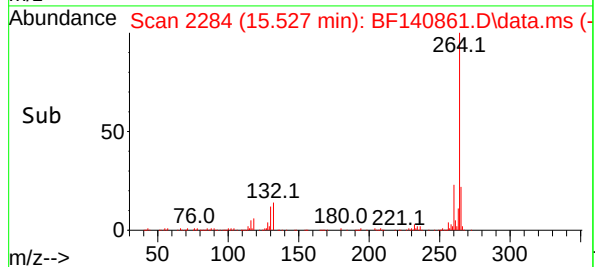
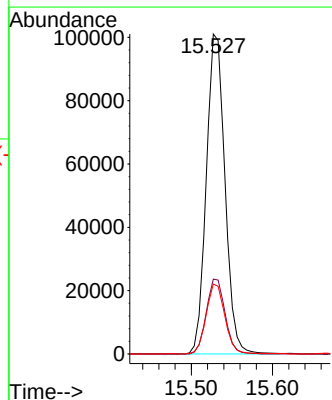
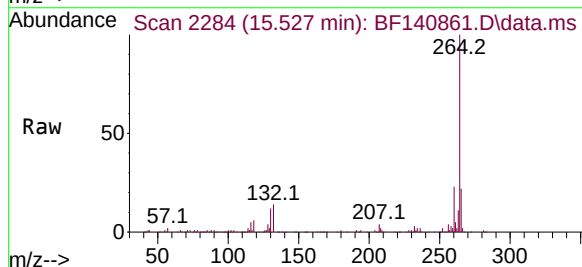
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

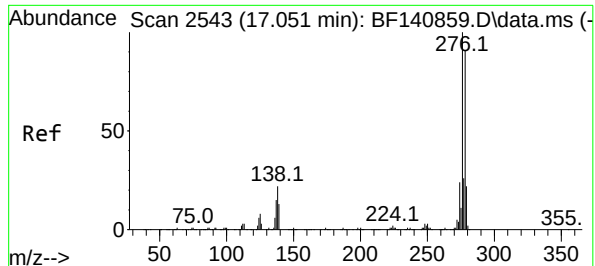
Tgt Ion:149 Resp: 754409
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Tgt Ion:264 Resp: 161062
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.934 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

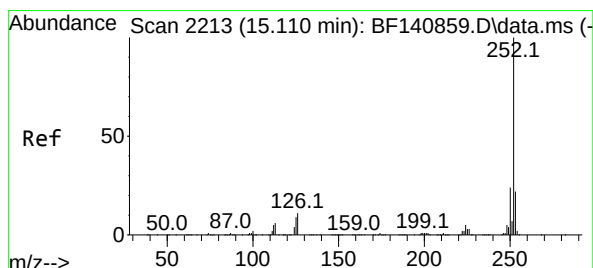
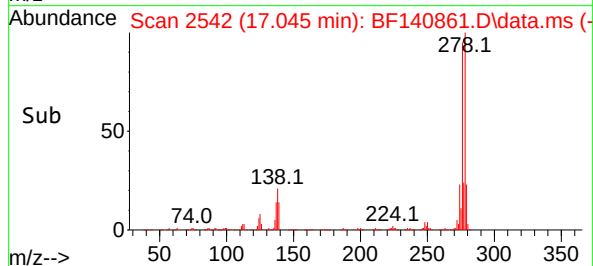
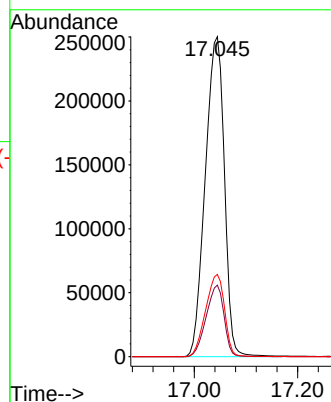
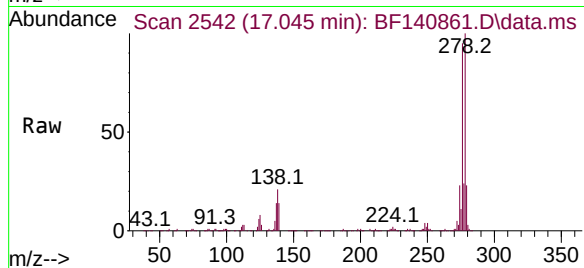
Tgt Ion:276 Resp: 642591

Ion Ratio Lower Upper

276 100

138 20.9 16.9 25.3

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 62.306 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

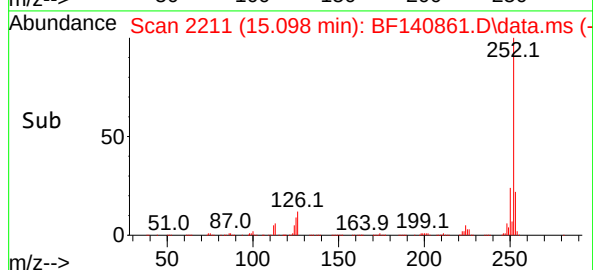
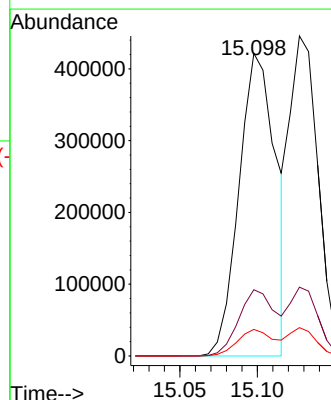
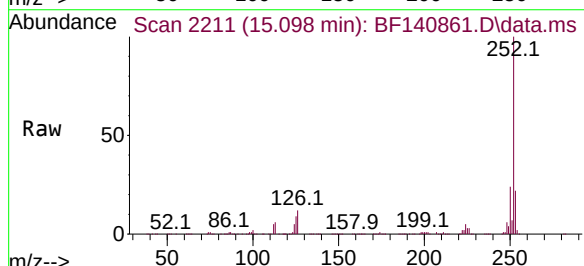
Tgt Ion:252 Resp: 696582

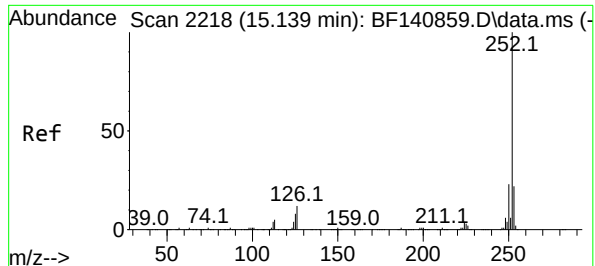
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 59.574 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

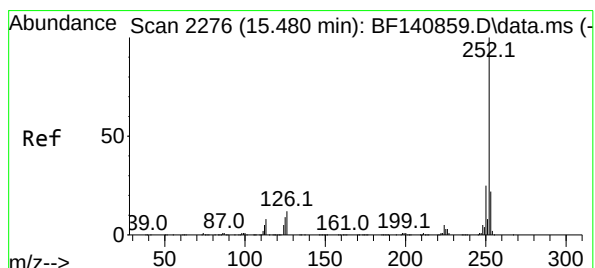
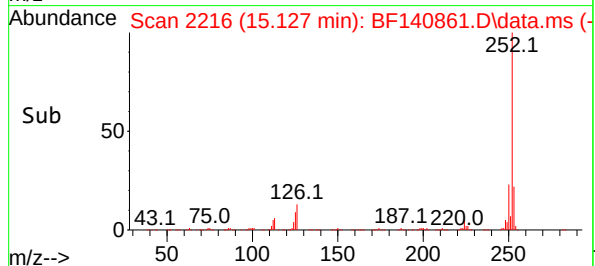
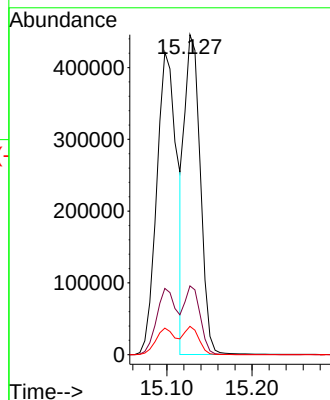
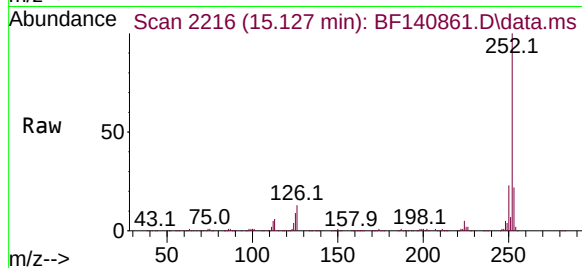
Tgt Ion:252 Resp: 571329

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.8 6.8 10.2



#90

Benzo(a)pyrene

Concen: 61.920 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

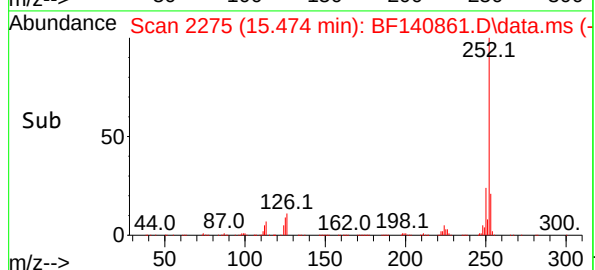
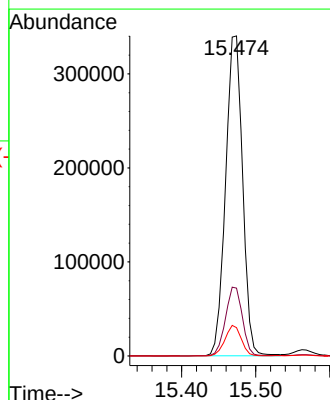
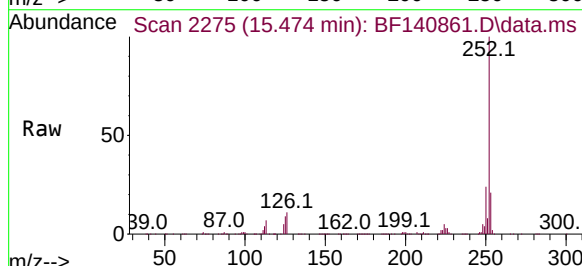
Tgt Ion:252 Resp: 542075

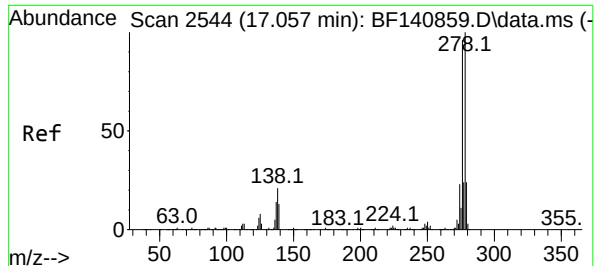
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 8.9 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 64.789 ng

RT: 17.050 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

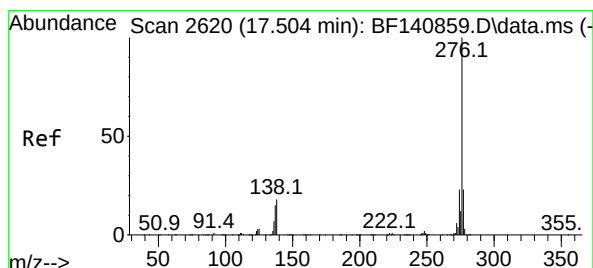
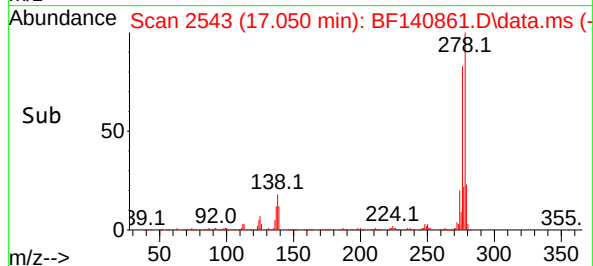
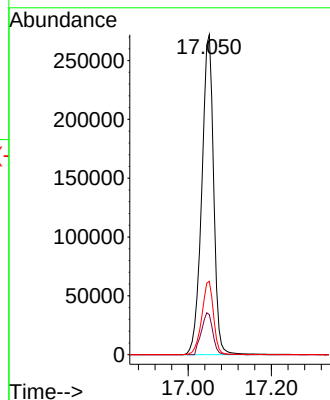
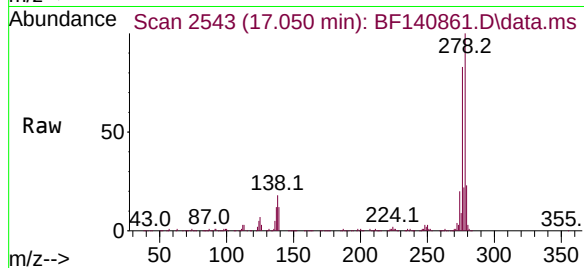
Tgt Ion:278 Resp: 539476

Ion Ratio Lower Upper

278 100

139 12.5 10.6 16.0

279 22.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 62.602 ng

RT: 17.498 min Scan# 2619

Delta R.T. -0.006 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

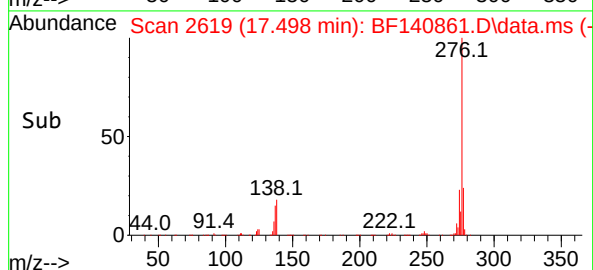
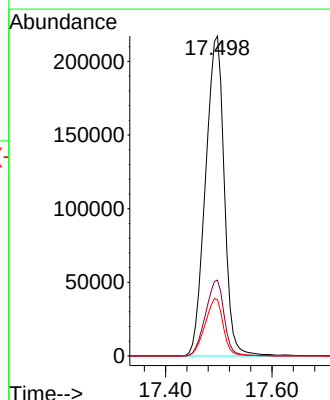
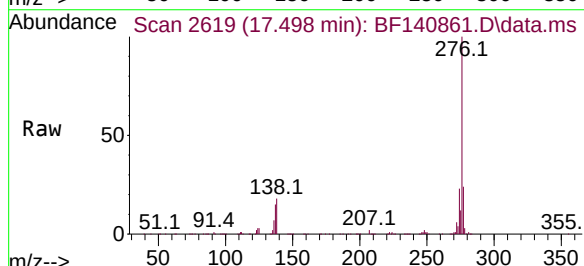
Tgt Ion:276 Resp: 530525

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 17.5 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140862.D
 Acq On : 16 Dec 2024 16:15
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Dec 16 16:52:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	82694	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	323165	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169321	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	364516	20.000	ng	0.00
76) Chrysene-d12	14.033	240	182739	20.000	ng	0.00
86) Perylene-d12	15.539	264	171569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	732058	145.730	ng	0.00
7) Phenol-d6	6.510	99	982302	147.637	ng	0.01
23) Nitrobenzene-d5	7.428	82	947083	146.623	ng	0.01
42) 2,4,6-Tribromophenol	10.686	330	304721	152.164	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2054327	166.807	ng	0.00
79) Terphenyl-d14	12.963	244	2018997	174.221	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	162832	75.255	ng	98
3) Pyridine	3.399	79	375906	75.017	ng	99
4) n-Nitrosodimethylamine	3.375	42	194050	76.818	ng	97
6) Aniline	6.528	93	399627	70.247	ng	92
8) 2-Chlorophenol	6.651	128	406710	74.245	ng	99
9) Benzaldehyde	6.410	77	219459	59.528	ng	99
10) Phenol	6.522	94	507289	73.564	ng	100
11) bis(2-Chloroethyl)ether	6.593	93	389038	75.649	ng	99
12) 1,3-Dichlorobenzene	6.792	146	461108	73.871	ng	99
13) 1,4-Dichlorobenzene	6.869	146	462233	72.952	ng	99
14) 1,2-Dichlorobenzene	7.022	146	437177	73.129	ng	98
15) Benzyl Alcohol	7.004	79	349382	73.442	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	449685	74.228	ng	85
17) 2-Methylphenol	7.122	107	328432	75.095	ng	99
18) Hexachloroethane	7.357	117	176920	75.005	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	288752	72.349	ng	99
20) 3+4-Methylphenols	7.275	107	421165	72.622	ng	97
22) Acetophenone	7.269	105	576358	71.295	ng	# 99
24) Nitrobenzene	7.445	77	484693	73.246	ng	98
25) Isophorone	7.681	82	815074	75.310	ng	99
26) 2-Nitrophenol	7.757	139	232926	76.426	ng	98
27) 2,4-Dimethylphenol	7.798	122	270864	76.101	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	508754	75.263	ng	98
29) 2,4-Dichlorophenol	8.004	162	374434	76.199	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	420429	74.635	ng	99
31) Naphthalene	8.157	128	1318982	74.301	ng	100
32) Benzoic acid	7.969	122	284705	84.342	ng	98
33) 4-Chloroaniline	8.216	127	451539	76.586	ng	99
34) Hexachlorobutadiene	8.263	225	282790	74.615	ng	99
35) Caprolactam	8.616	113	125537m	85.813	ng	
36) 4-Chloro-3-methylphenol	8.704	107	449654	81.301	ng	97
37) 2-Methylnaphthalene	8.845	142	942892	80.295	ng	100
38) 1-Methylnaphthalene	8.945	142	925535	79.695	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	466438	89.625	ng	99
41) Hexachlorocyclopentadiene	8.992	237	149909	80.025	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	301828	94.714	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140862.D
 Acq On : 16 Dec 2024 16:15
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

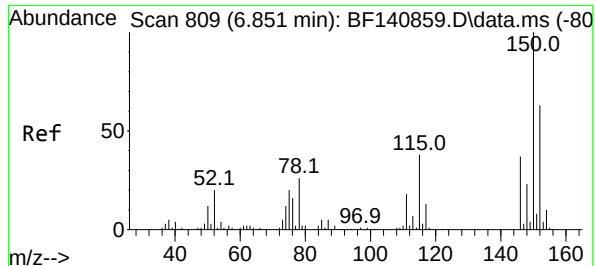
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	321402	91.760	ng	99
46) 1,1'-Biphenyl	9.310	154	1186930	88.155	ng	99
47) 2-Chloronaphthalene	9.339	162	927799	90.075	ng	99
48) 2-Nitroaniline	9.439	65	289810	93.162	ng	99
49) Acenaphthylene	9.751	152	1169747	77.278	ng	100
50) Dimethylphthalate	9.616	163	1049196	87.890	ng	100
51) 2,6-Dinitrotoluene	9.686	165	240439	88.104	ng	95
52) Acenaphthene	9.922	154	710789	73.511	ng	100
53) 3-Nitroaniline	9.857	138	208004	76.804	ng	98
54) 2,4-Dinitrophenol	9.975	184	106230	79.797	ng	95
55) Dibenzofuran	10.092	168	1071923	71.543	ng	100
56) 4-Nitrophenol	10.039	139	112972	77.685	ng	96
57) 2,4-Dinitrotoluene	10.092	165	263636	73.423	ng	99
58) Fluorene	10.439	166	904163	73.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	230812	80.870	ng	99
60) Diethylphthalate	10.310	149	911868	73.664	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	456754	73.562	ng	97
62) 4-Nitroaniline	10.480	138	216635	76.547	ng	99
63) Azobenzene	10.586	77	862457	74.110	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	158996	76.975	ng	98
66) n-Nitrosodiphenylamine	10.551	169	767906	68.519	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	279941	68.648	ng	99
68) Hexachlorobenzene	10.986	284	324661	70.220	ng	97
69) Atrazine	11.075	200	185877	59.385	ng	99
70) Pentachlorophenol	11.192	266	153999	91.050	ng	100
71) Phenanthrene	11.404	178	1365579	72.850	ng	99
72) Anthracene	11.457	178	1361788	73.769	ng	99
73) Carbazole	11.616	167	1341097	74.170	ng	100
74) Di-n-butylphthalate	11.927	149	1410986	66.492	ng	100
75) Fluoranthene	12.592	202	1374862	63.687	ng	98
77) Benzidine	12.716	184	276230	74.064	ng	99
78) Pyrene	12.827	202	1423860	87.621	ng	100
80) Butylbenzylphthalate	13.427	149	508497	85.043	ng	97
81) Benzo(a)anthracene	14.021	228	1001035	77.292	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	291736	74.661	ng	99
83) Chrysene	14.063	228	881398	74.840	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	624744	81.032	ng	99
85) Di-n-octyl phthalate	14.633	149	922920	79.125	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	957167	89.400	ng	100
88) Benzo(b)fluoranthene	15.110	252	925999	77.753	ng	99
89) Benzo(k)fluoranthene	15.139	252	683254	66.881	ng	99
90) Benzo(a)pyrene	15.480	252	714906	76.662	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	792175	89.311	ng	99
92) Benzo(g,h,i)perylene	17.509	276	840468	93.101	ng	99

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

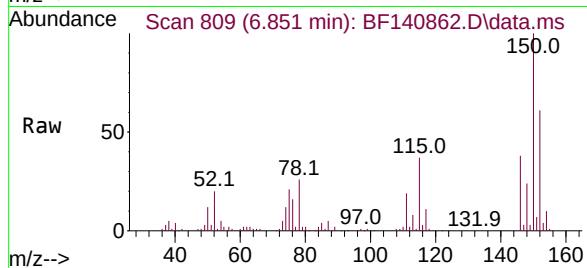
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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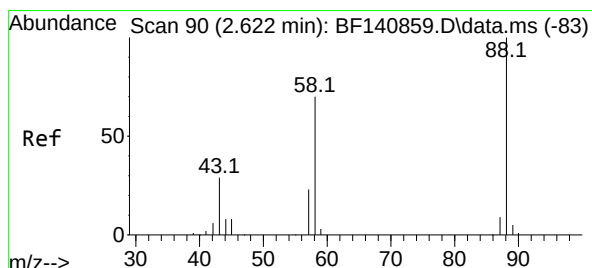
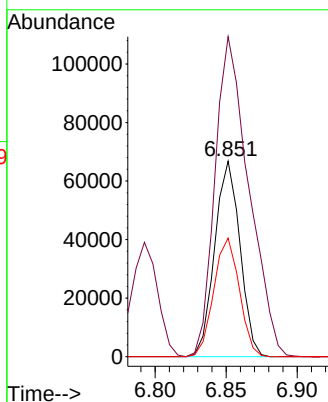
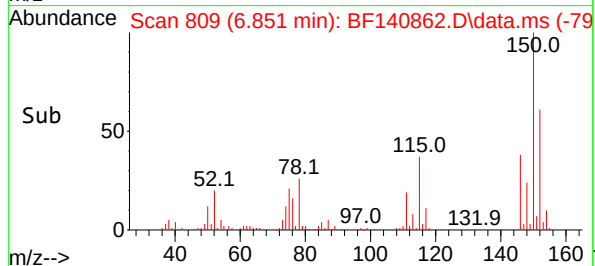


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

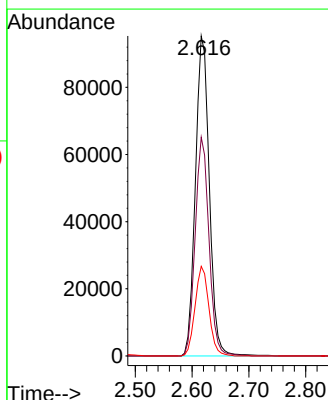
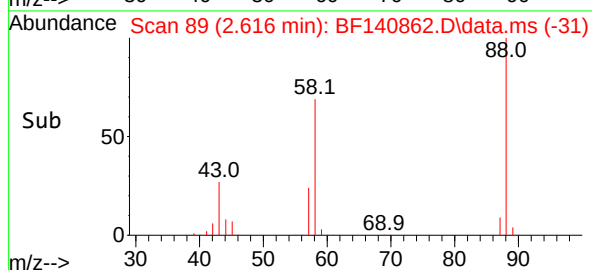
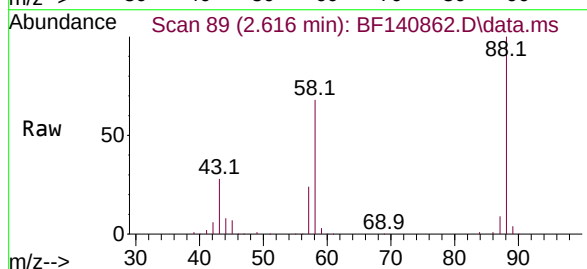


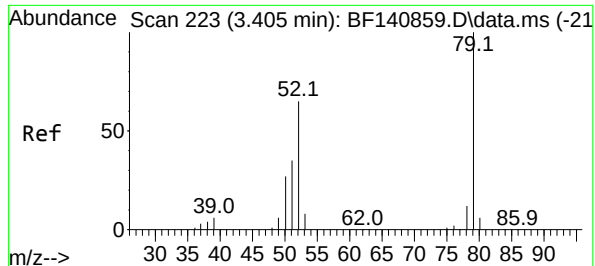
Tgt Ion:152 Resp: 82694
Ion Ratio Lower Upper
152 100
150 163.6 127.9 191.9
115 60.6 48.0 72.0



#2
1,4-Dioxane
Concen: 75.255 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 88 Resp: 162832
Ion Ratio Lower Upper
88 100
58 67.8 55.8 83.8
43 27.9 22.7 34.1





#3

Pyridine

Concen: 75.017 ng

RT: 3.399 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

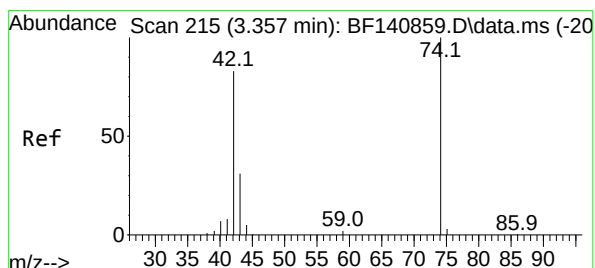
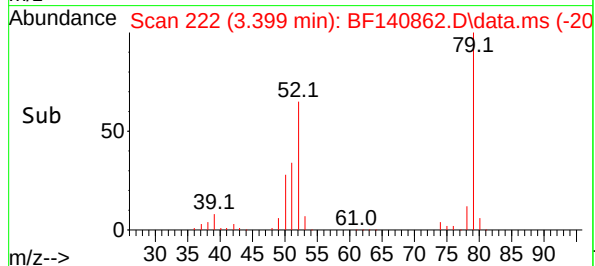
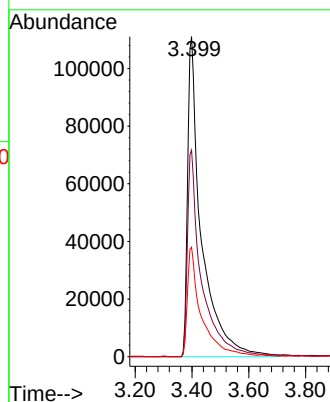
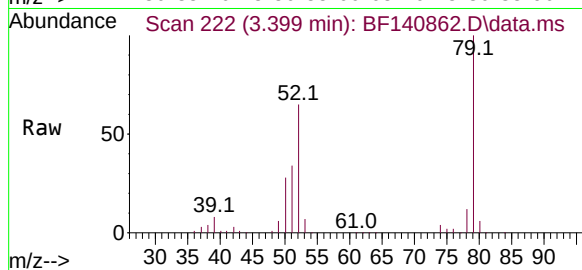
Tgt Ion: 79 Resp: 375906

Ion Ratio Lower Upper

79 100

52 64.6 51.7 77.5

51 34.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 76.818 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.018 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

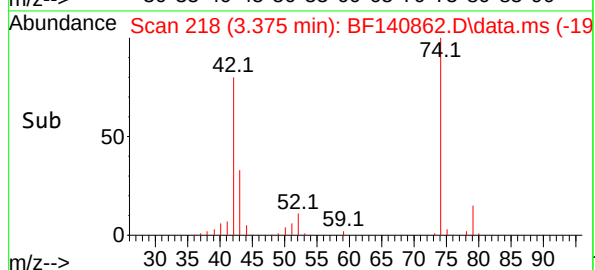
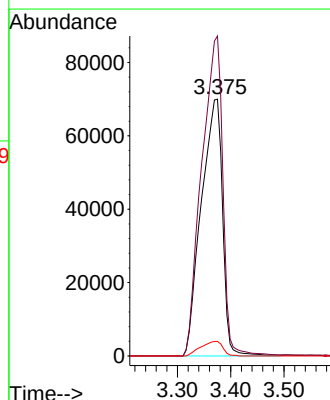
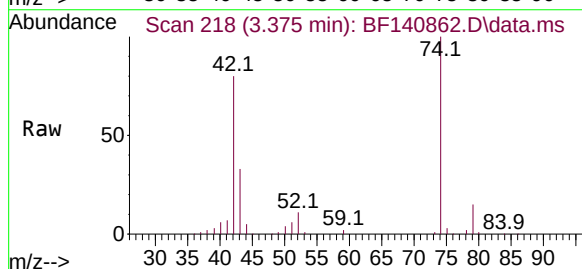
Tgt Ion: 42 Resp: 194050

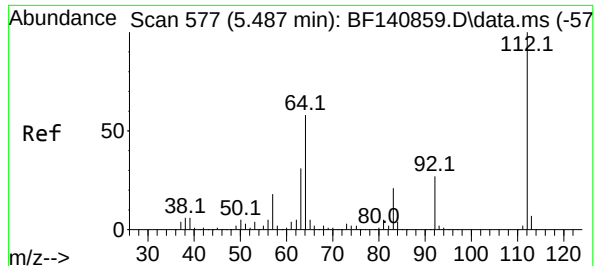
Ion Ratio Lower Upper

42 100

74 124.6 96.9 145.3

44 5.7 4.4 6.6

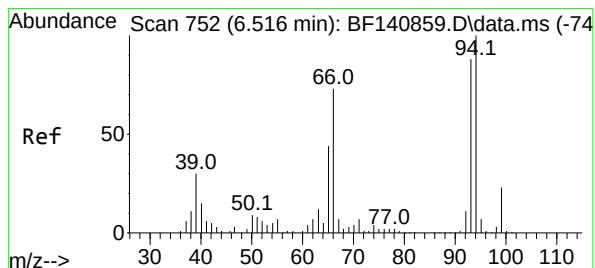
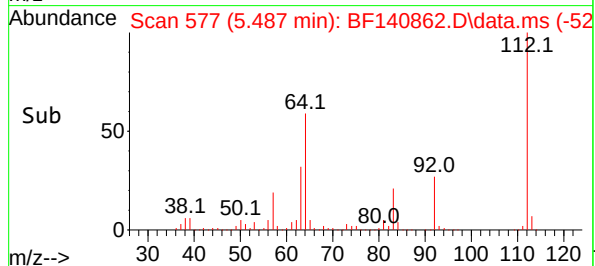
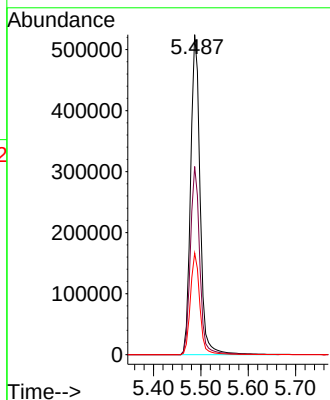
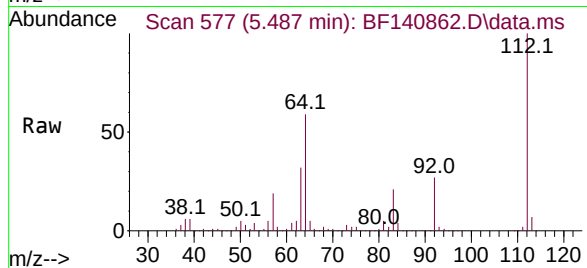




#5
2-Fluorophenol
Concen: 145.730 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

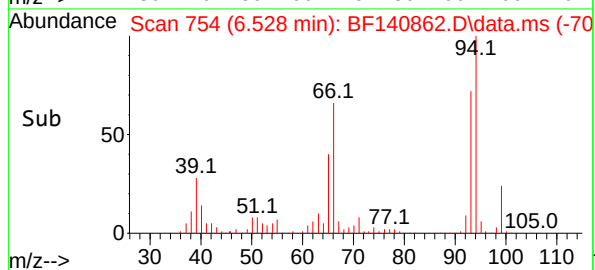
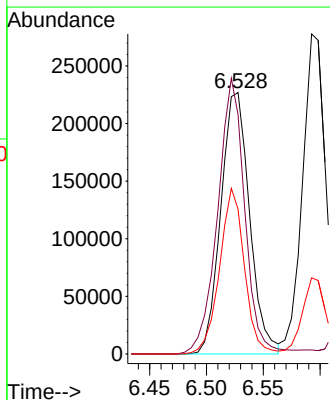
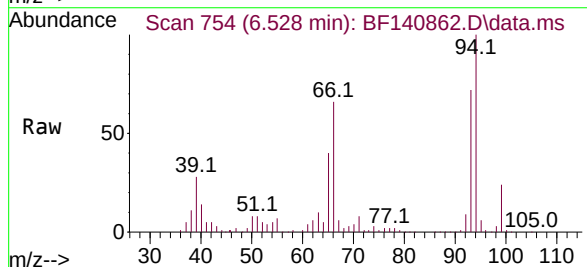
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

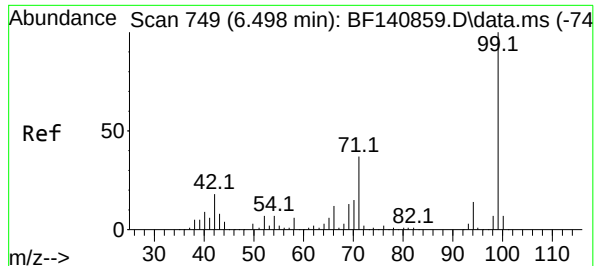
Tgt Ion:112 Resp: 732058
Ion Ratio Lower Upper
112 100
64 58.8 46.1 69.1
63 31.7 24.9 37.3



#6
Aniline
Concen: 70.247 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 93 Resp: 399627
Ion Ratio Lower Upper
93 100
66 91.6 67.0 100.4
65 55.4 40.4 60.6





#7

Phenol-d6

Concen: 147.637 ng

RT: 6.510 min Scan# 710

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

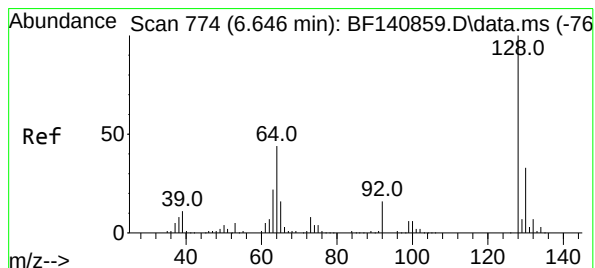
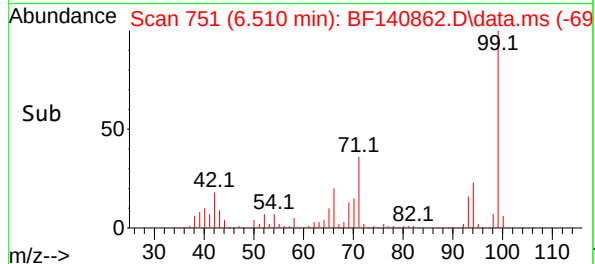
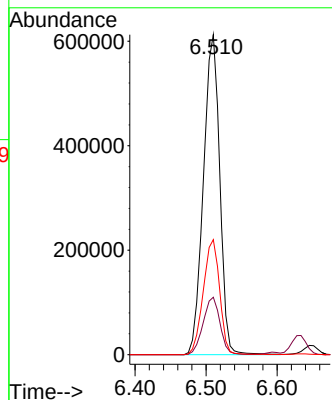
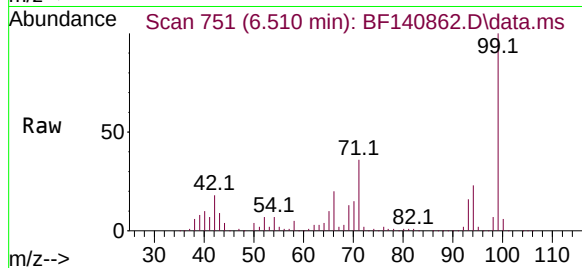
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 982302

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.3	21.5
71	35.9	29.9	44.9



#8

2-Chlorophenol

Concen: 74.245 ng

RT: 6.651 min Scan# 775

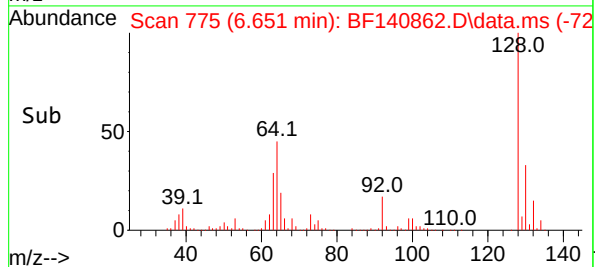
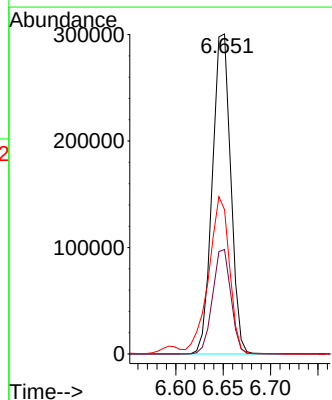
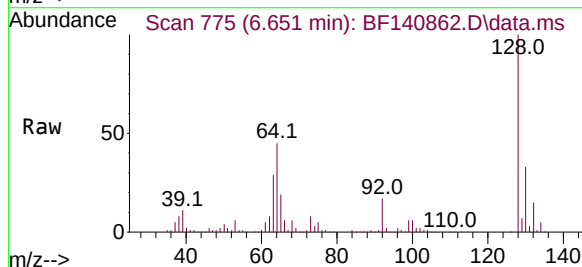
Delta R.T. 0.006 min

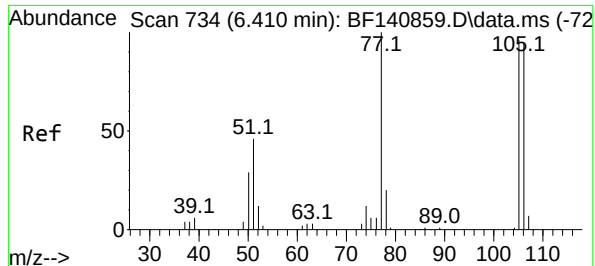
Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion: 128 Resp: 406710

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	45.1	24.3	64.3





#9

Benzaldehyde

Concen: 59.528 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

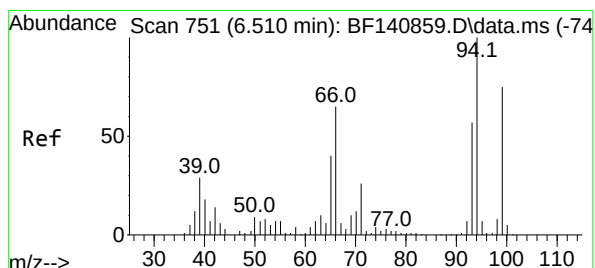
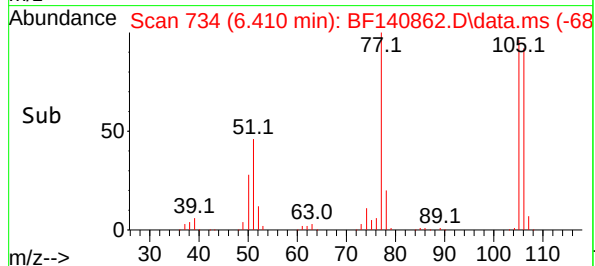
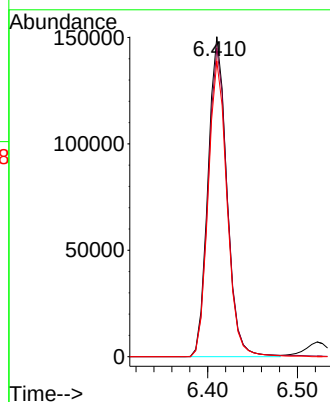
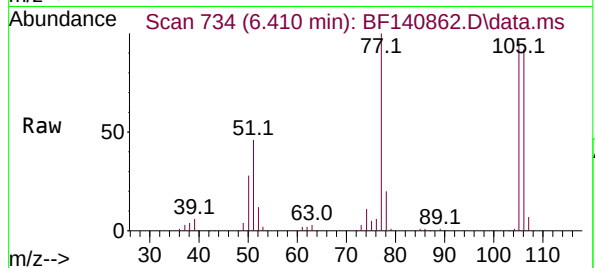
Tgt Ion: 77 Resp: 219459

Ion Ratio Lower Upper

77 100

105 96.5 75.8 115.8

106 92.3 74.1 114.1



#10

Phenol

Concen: 73.564 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

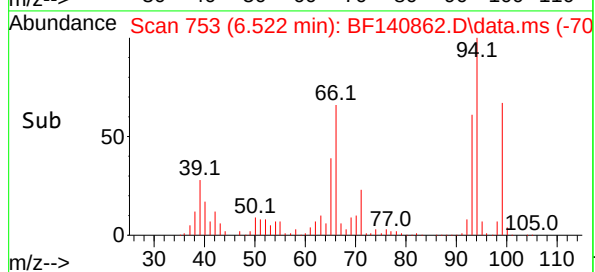
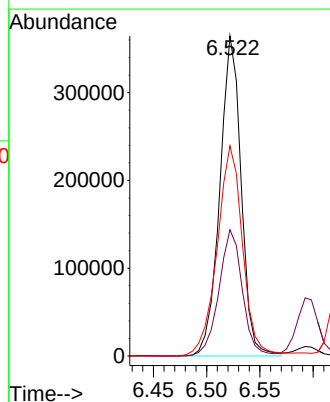
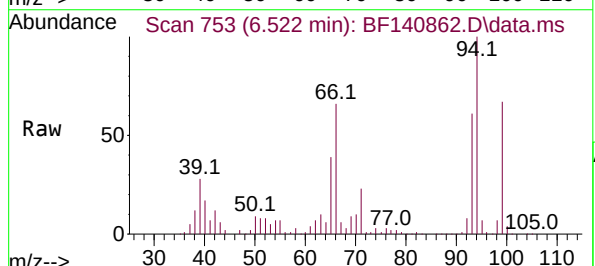
Tgt Ion: 94 Resp: 507289

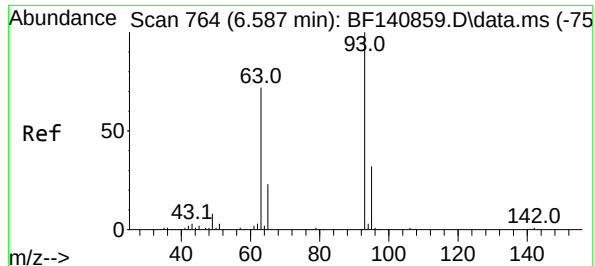
Ion Ratio Lower Upper

94 100

65 39.4 19.9 59.9

66 65.6 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 75.649 ng

RT: 6.593 min Scan# 70

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

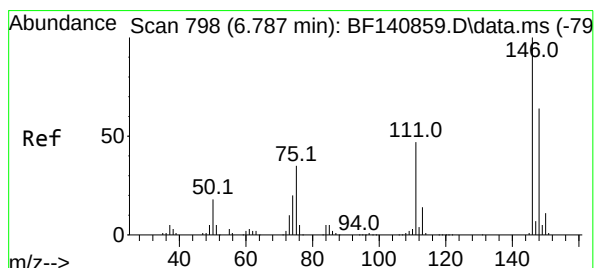
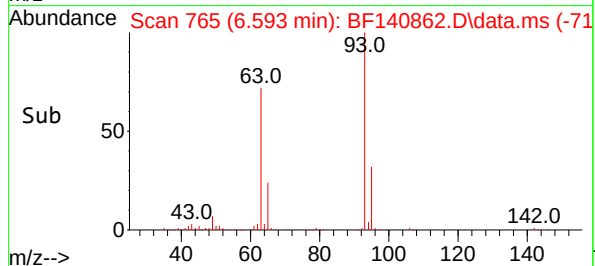
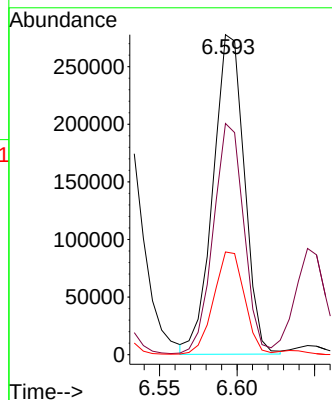
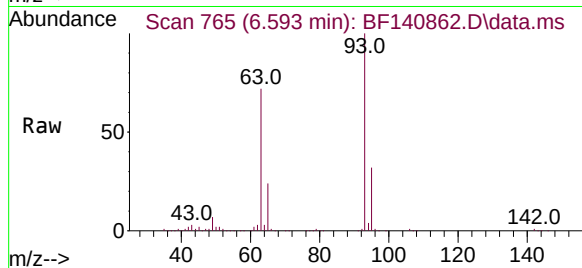
Tgt Ion: 93 Resp: 389038

Ion Ratio Lower Upper

93 100

63 72.3 51.0 91.0

95 32.1 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 73.871 ng

RT: 6.792 min Scan# 799

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

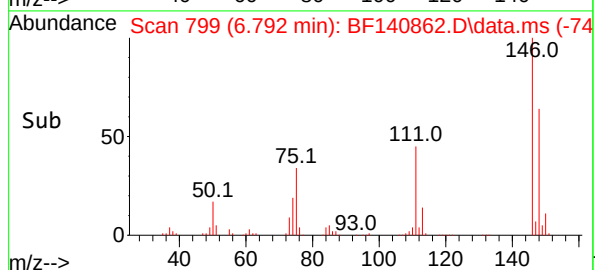
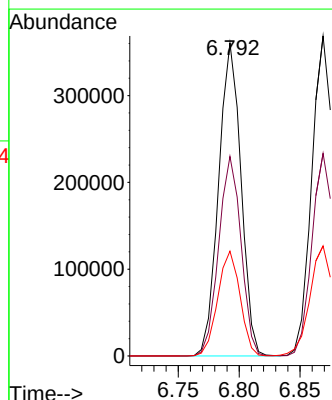
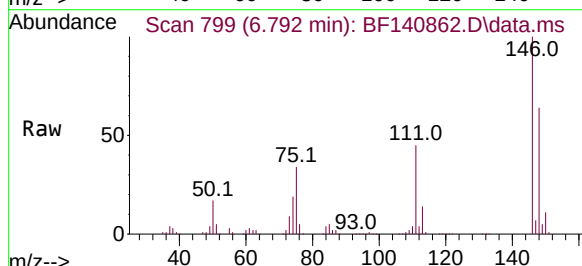
Tgt Ion:146 Resp: 461108

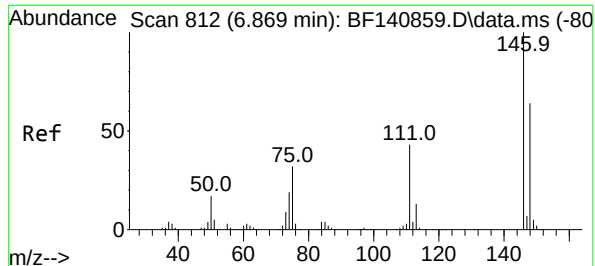
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

75 33.5 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 72.952 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

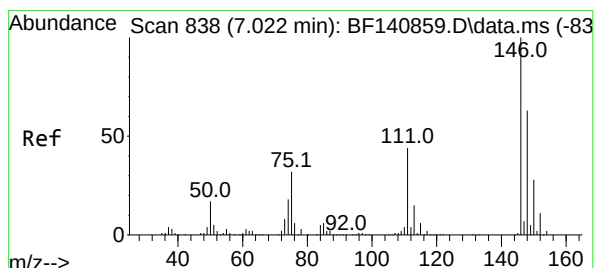
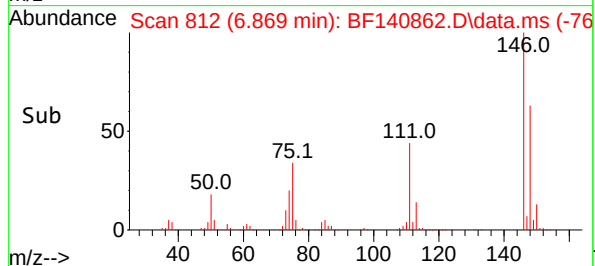
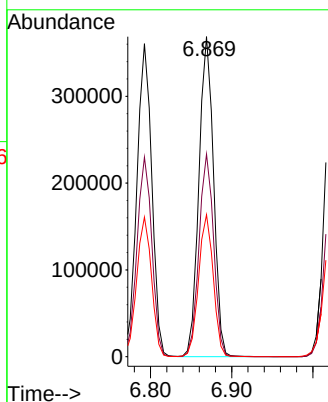
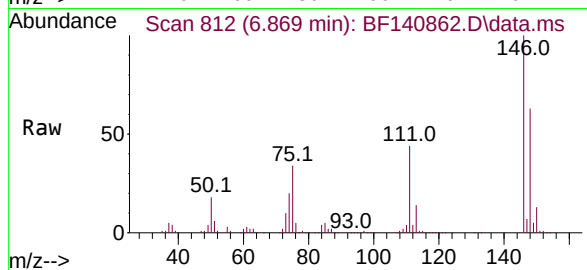
Tgt Ion:146 Resp: 462233

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 44.3 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 73.129 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

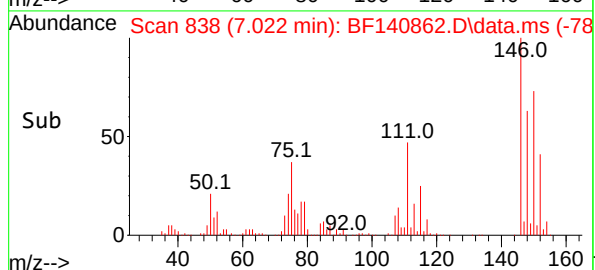
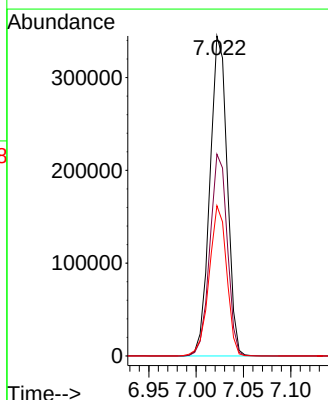
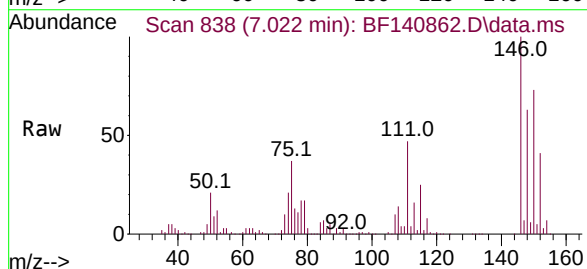
Tgt Ion:146 Resp: 437177

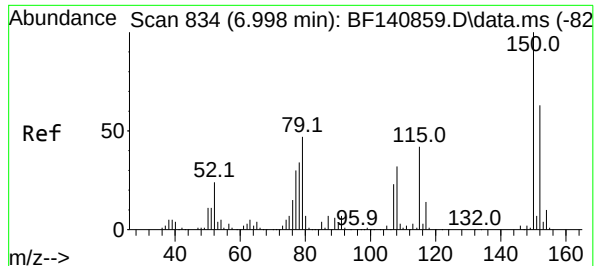
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 46.9 35.6 53.4

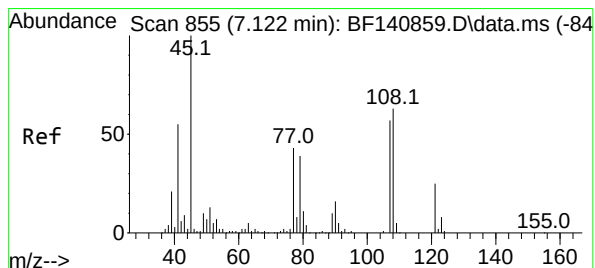
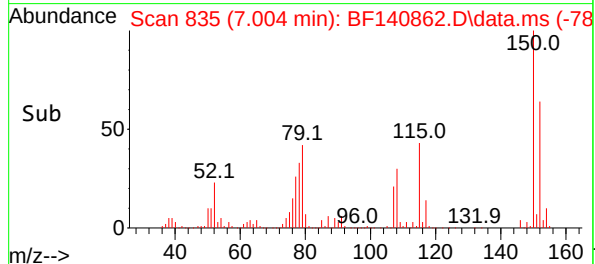
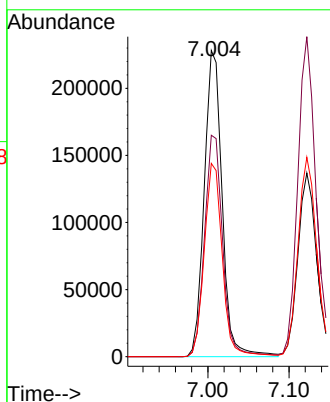
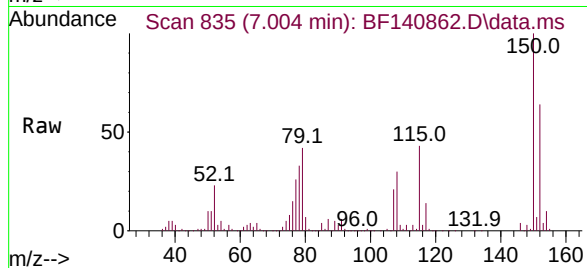




#15
Benzyl Alcohol
Concen: 73.442 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

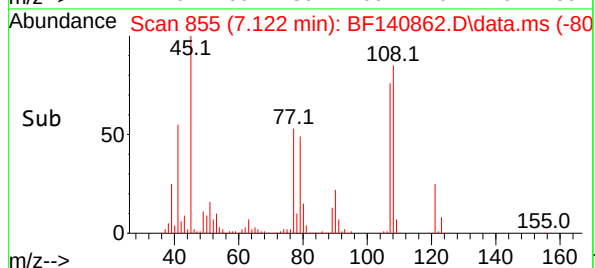
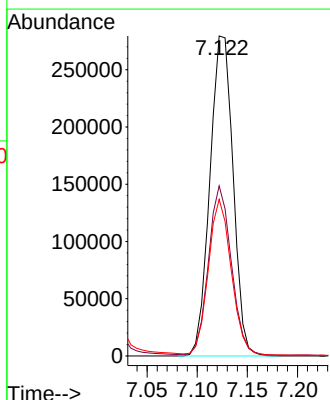
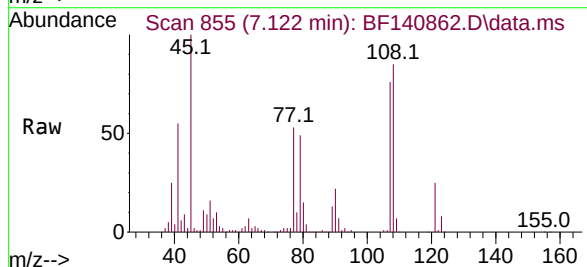
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

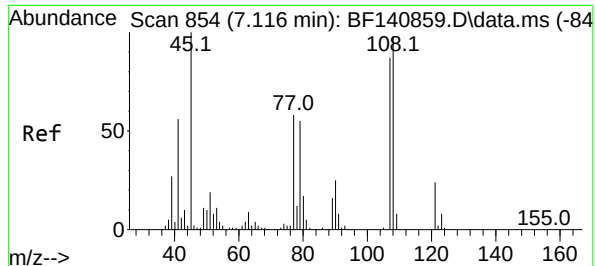
Tgt Ion: 79 Resp: 349382
Ion Ratio Lower Upper
79 100
108 72.3 55.1 82.7
77 63.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 74.228 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 45 Resp: 449685
Ion Ratio Lower Upper
45 100
77 53.1 23.3 63.3
79 49.0 20.0 60.0

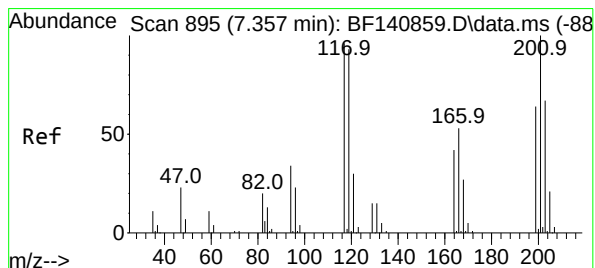
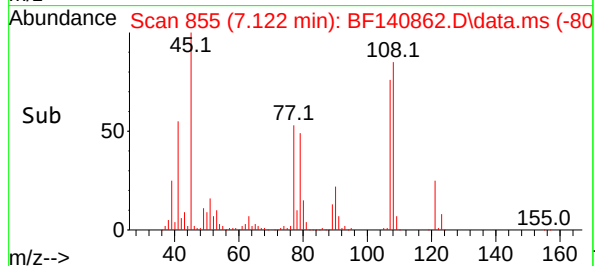
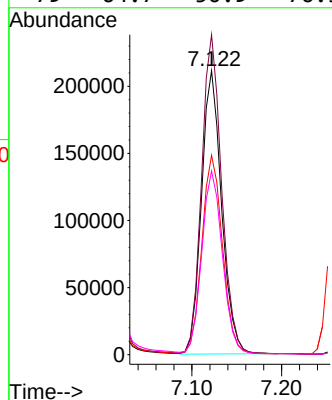
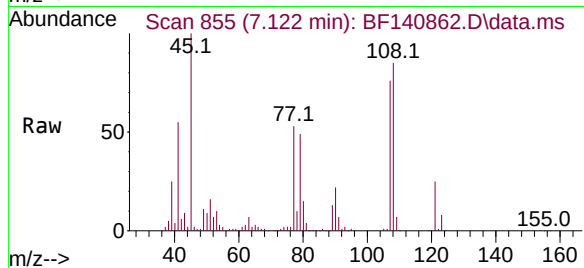




#17
2-Methylphenol
Concen: 75.095 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

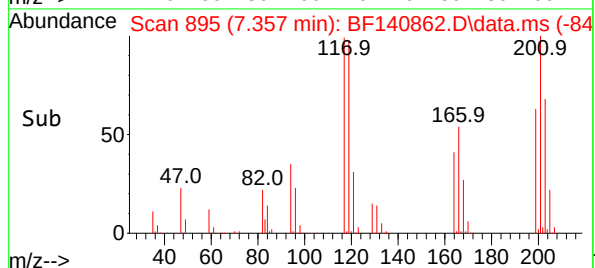
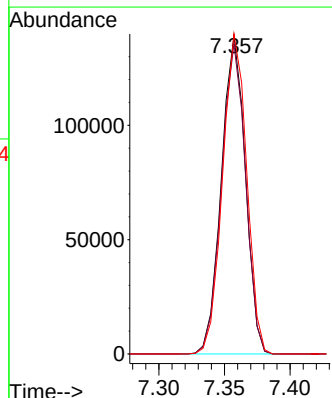
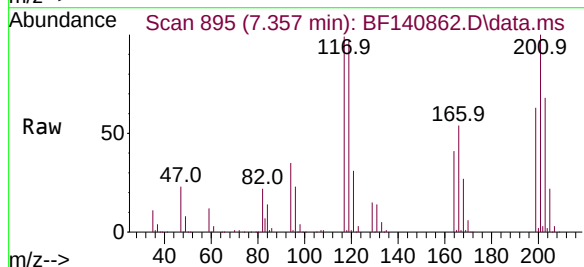
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

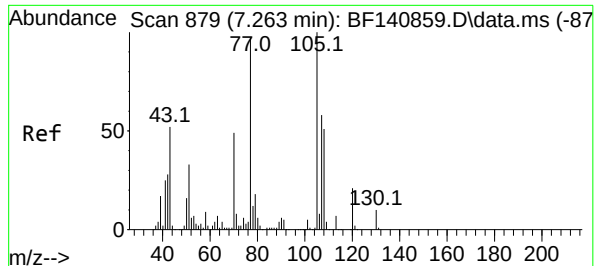
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.4
77	70.2	53.8	80.6
79	64.7	50.9	76.3



#18
Hexachloroethane
Concen: 75.005 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	100.5	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 72.349 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 288752

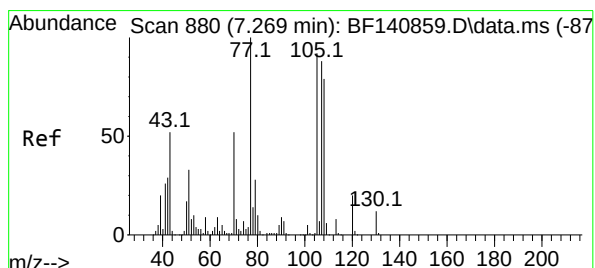
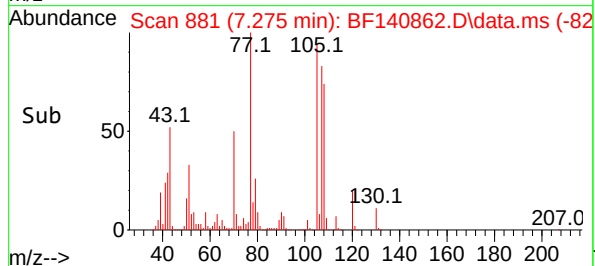
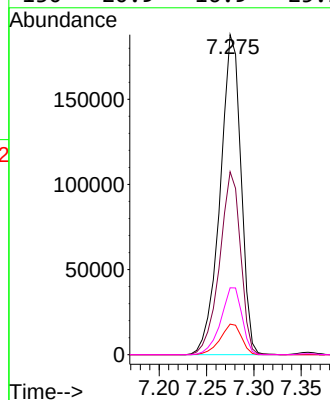
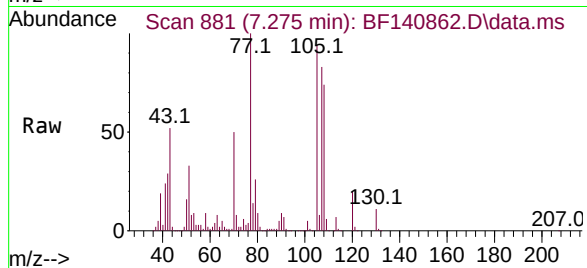
Ion Ratio Lower Upper

70 100

42 57.2 45.3 67.9

101 9.6 8.0 12.0

130 20.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 72.622 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion: 107 Resp: 421165

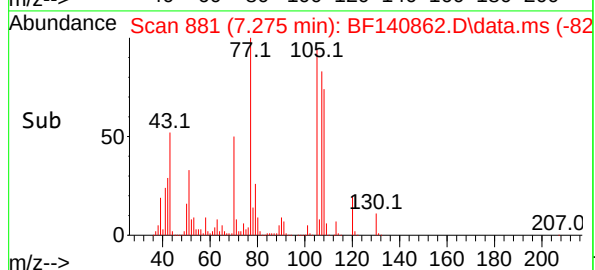
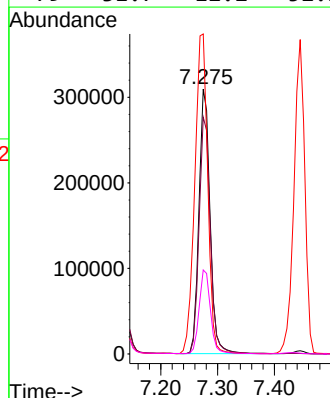
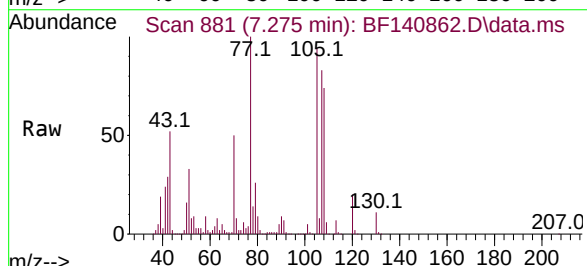
Ion Ratio Lower Upper

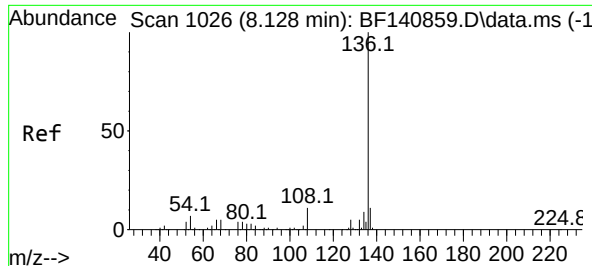
107 100

108 89.4 70.1 110.1

77 120.8 94.4 134.4

79 31.7 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 323165

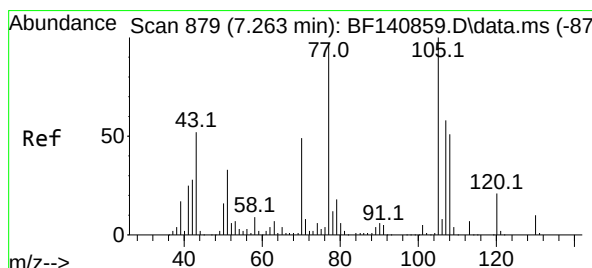
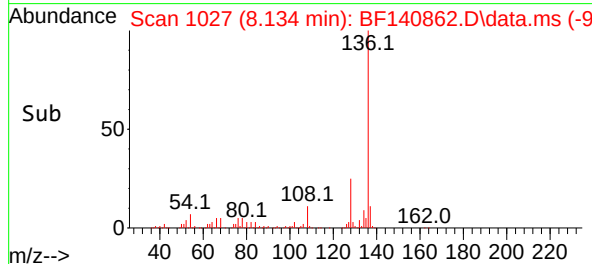
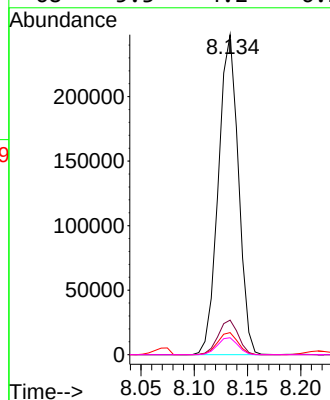
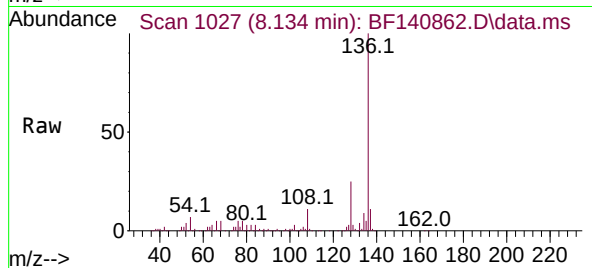
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 5.6 8.4

68 5.3 4.2 6.2



#22

Acetophenone

Concen: 71.295 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion:105 Resp: 576358

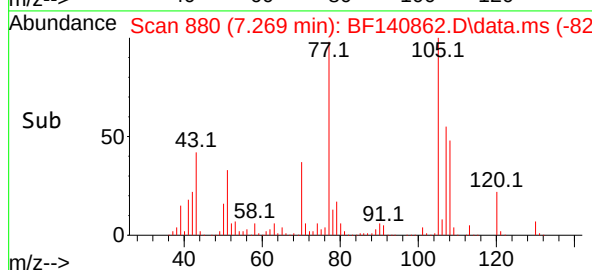
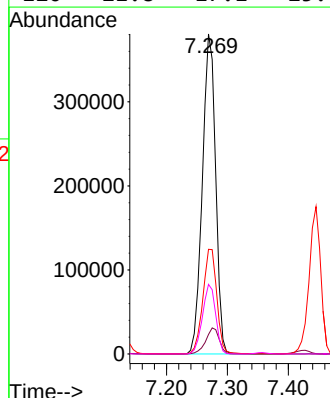
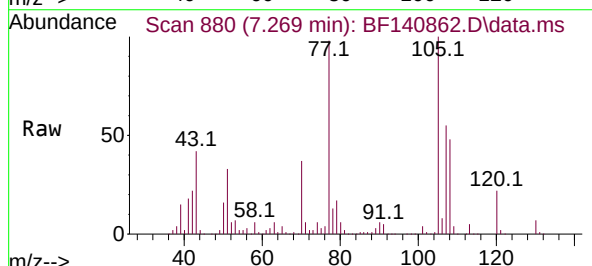
Ion Ratio Lower Upper

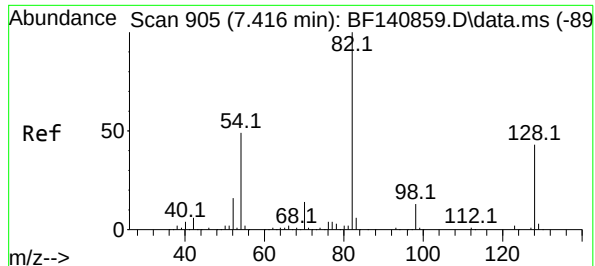
105 100

71 6.1 6.2 9.4#

51 32.7 26.3 39.5

120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 146.623 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

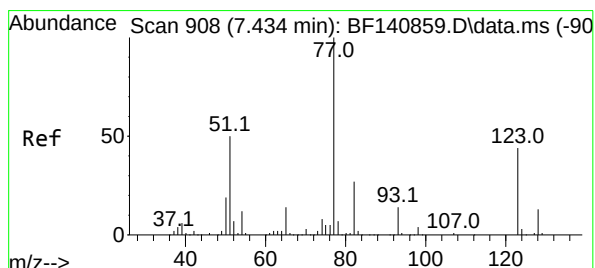
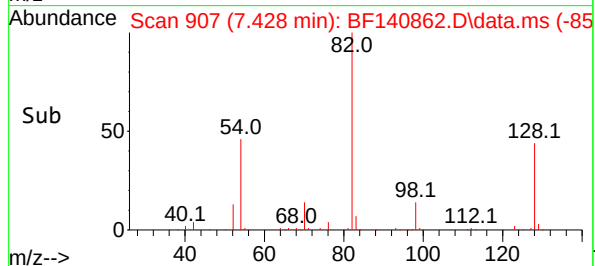
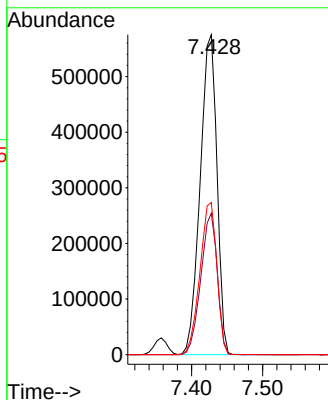
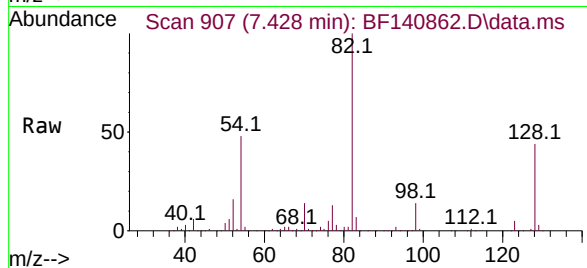
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 947083

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	47.6	38.8	58.2



#24

Nitrobenzene

Concen: 73.246 ng

RT: 7.445 min Scan# 910

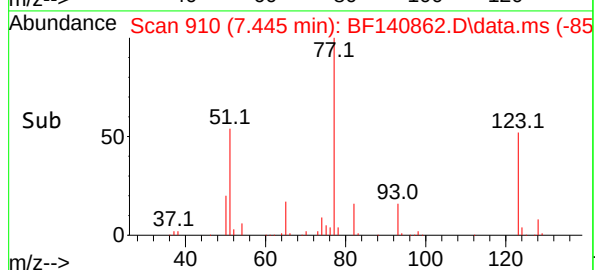
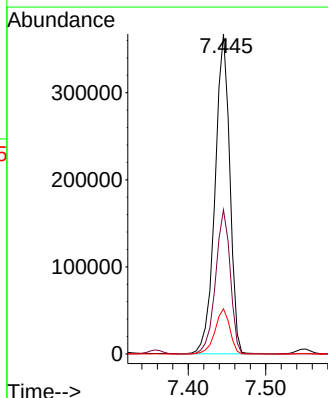
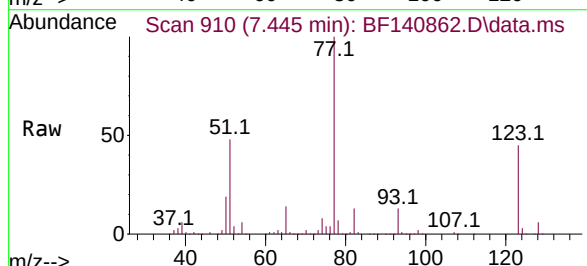
Delta R.T. 0.012 min

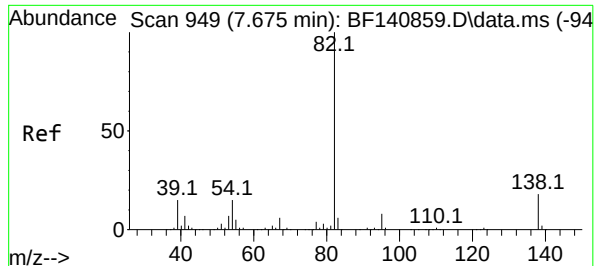
Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion: 77 Resp: 484693

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.0	52.4
65	14.1	11.4	17.0





#25

Isophorone

Concen: 75.310 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

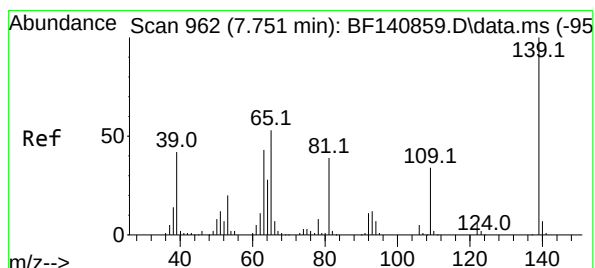
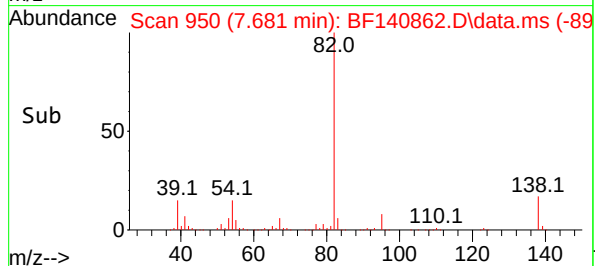
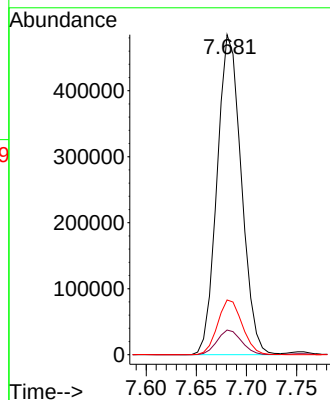
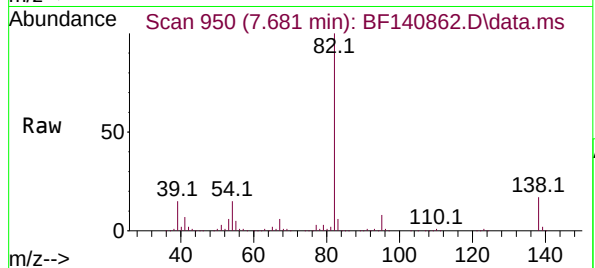
Tgt Ion: 82 Resp: 815074

Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

138 17.1 14.1 21.1



#26

2-Nitrophenol

Concen: 76.426 ng

RT: 7.757 min Scan# 963

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

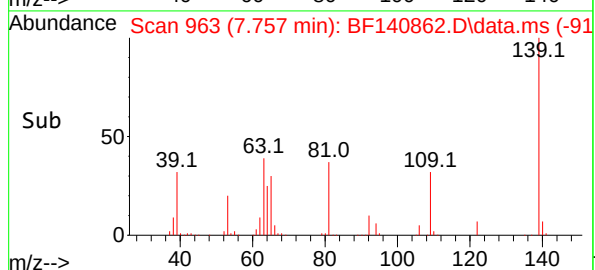
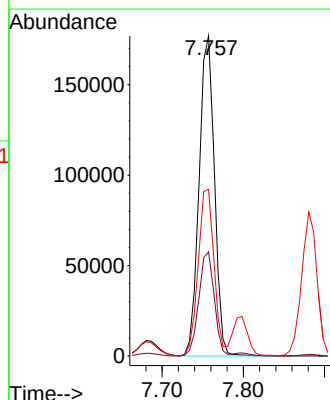
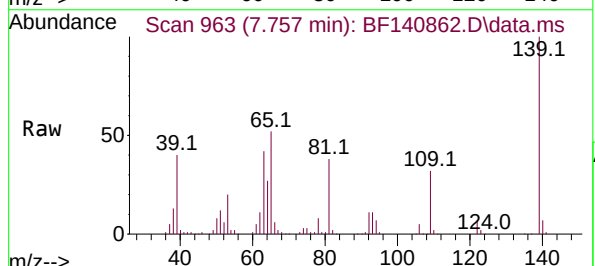
Tgt Ion:139 Resp: 232926

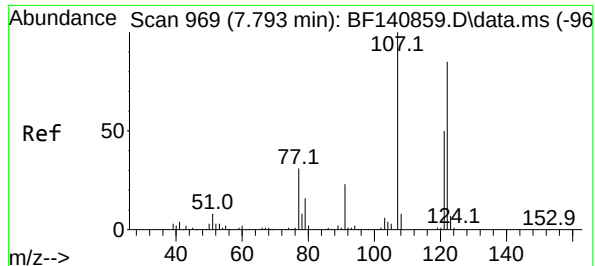
Ion Ratio Lower Upper

139 100

109 32.5 26.9 40.3

65 52.1 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 76.101 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140862.D

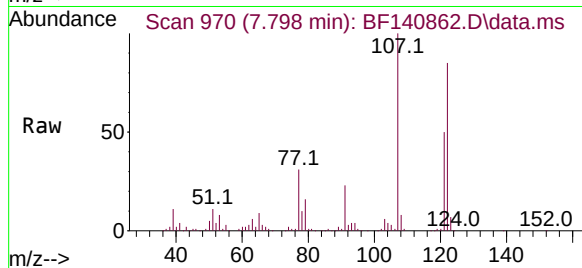
Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



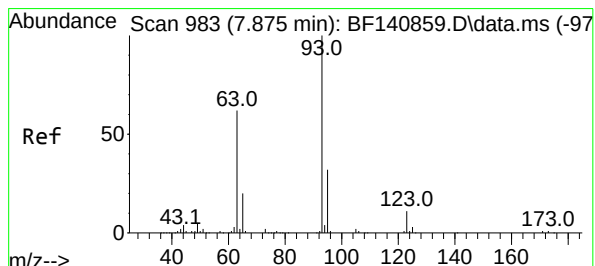
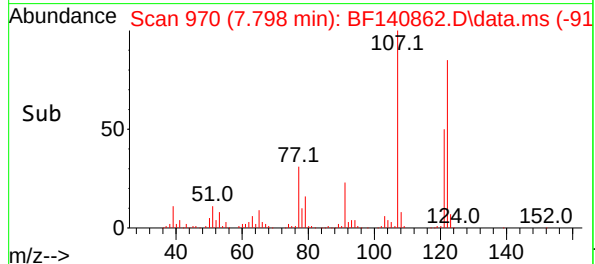
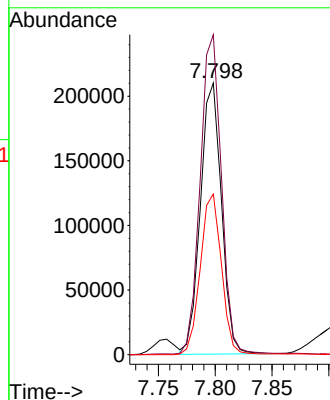
Tgt Ion:122 Resp: 270864

Ion Ratio Lower Upper

122 100

107 117.8 92.6 139.0

121 59.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 75.263 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

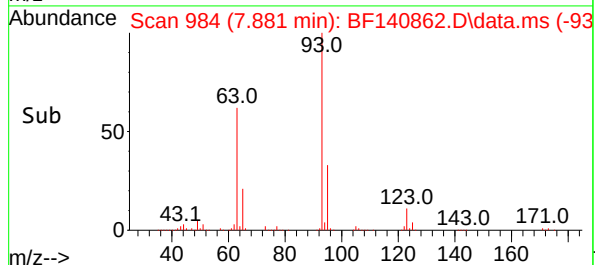
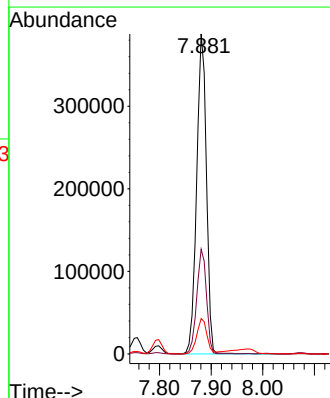
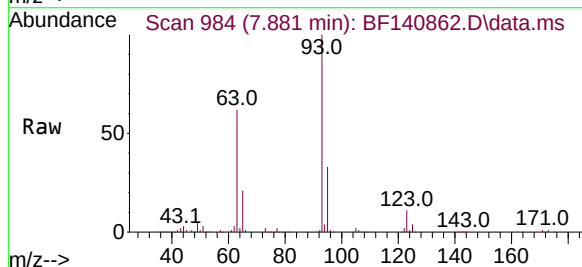
Tgt Ion: 93 Resp: 508754

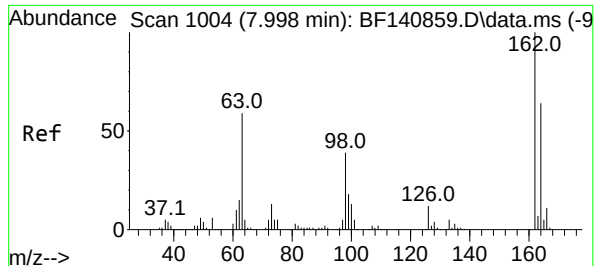
Ion Ratio Lower Upper

93 100

95 32.7 25.3 37.9

123 11.1 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 76.199 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

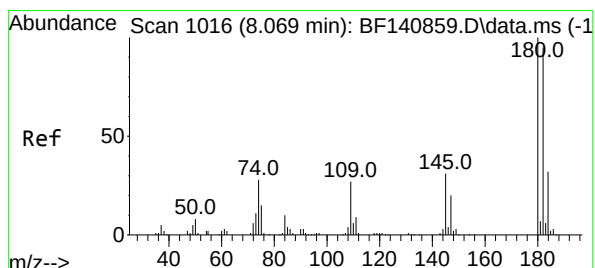
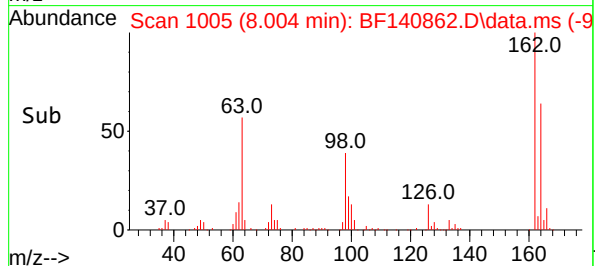
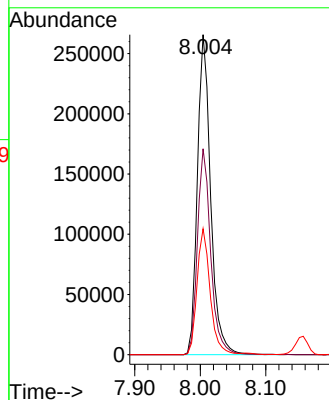
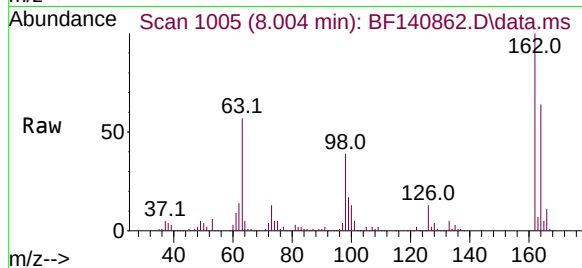
Tgt Ion:162 Resp: 374434

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 39.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 74.635 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

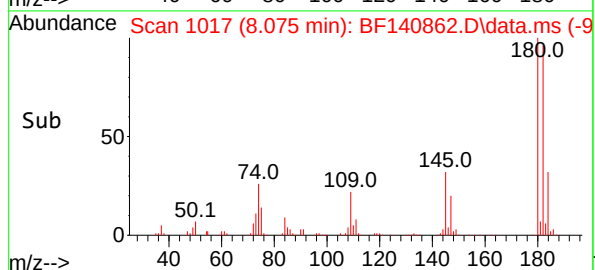
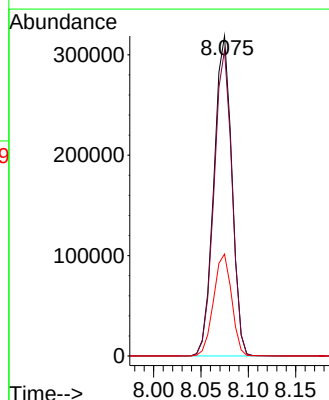
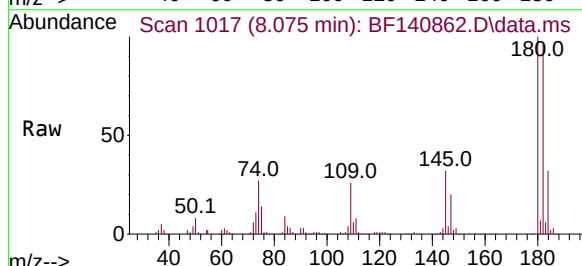
Tgt Ion:180 Resp: 420429

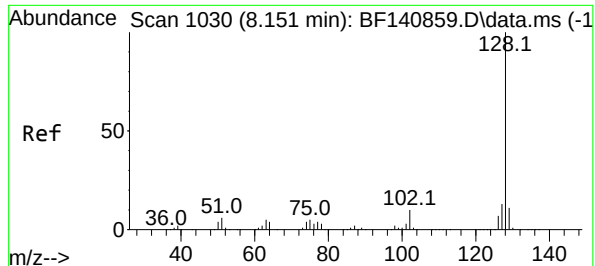
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

145 31.9 25.2 37.8

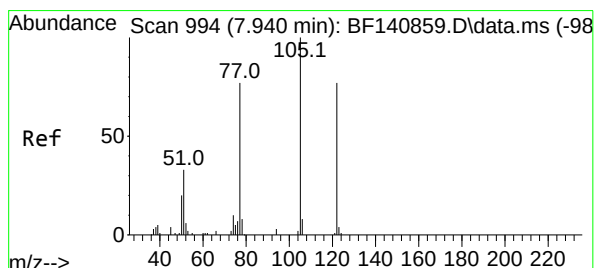
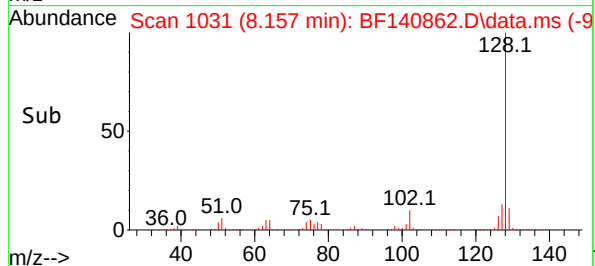
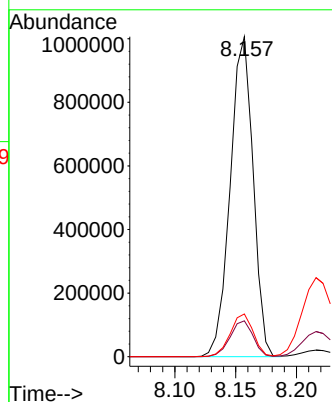
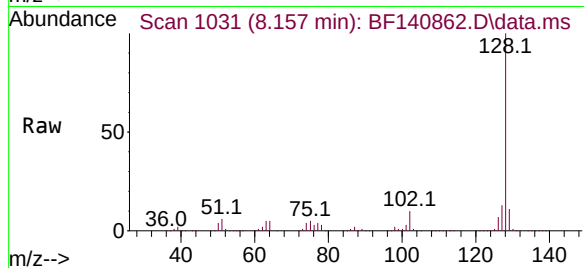




#31
Naphthalene
Concen: 74.301 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

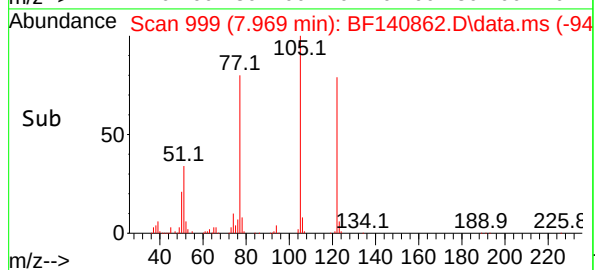
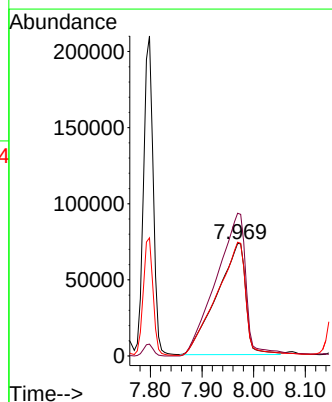
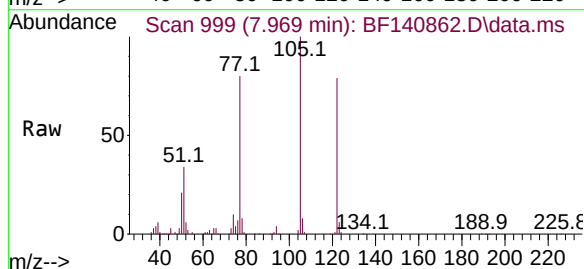
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

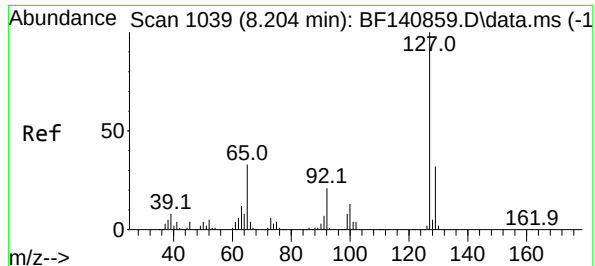
Tgt Ion:128 Resp: 1318982
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 84.342 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:122 Resp: 284705
Ion Ratio Lower Upper
122 100
105 126.9 108.3 148.3
77 101.2 78.8 118.8

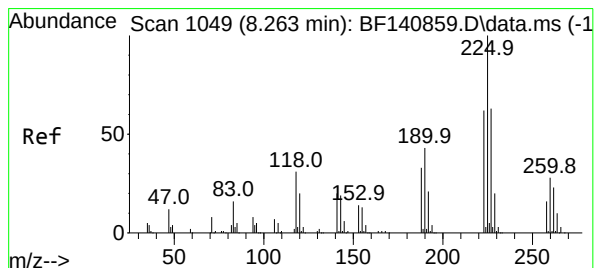
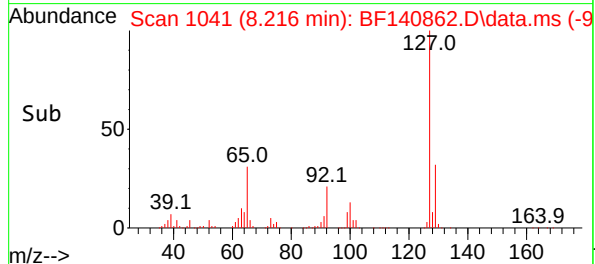
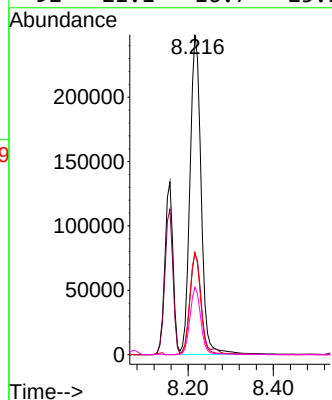
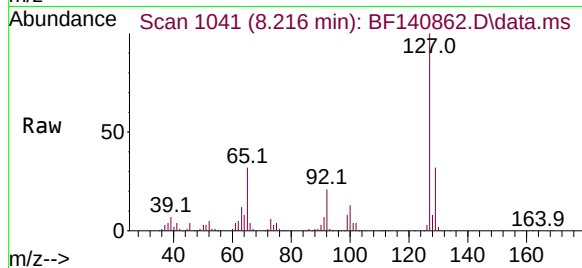




#33
4-Chloroaniline
Concen: 76.586 ng
RT: 8.216 min Scan# 1041
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

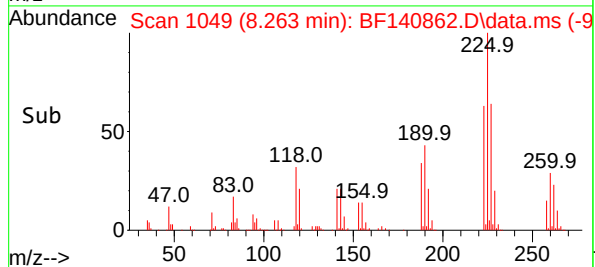
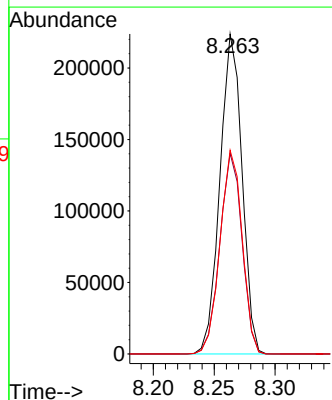
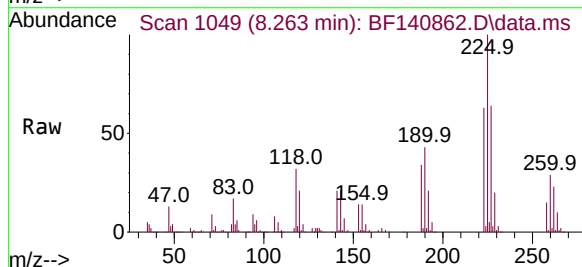
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

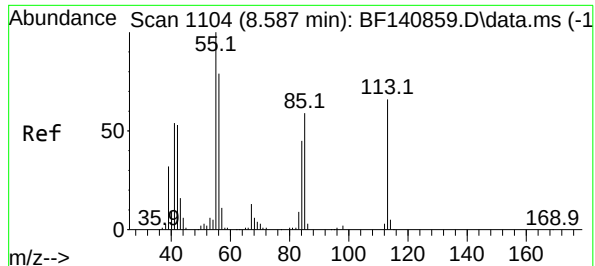
Tgt Ion:127 Resp: 451539
Ion Ratio Lower Upper
127 100
129 31.7 26.0 39.0
65 31.9 26.0 39.0
92 21.1 16.7 25.1



#34
Hexachlorobutadiene
Concen: 74.615 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:225 Resp: 282790
Ion Ratio Lower Upper
225 100
223 62.7 49.6 74.4
227 63.7 50.7 76.1

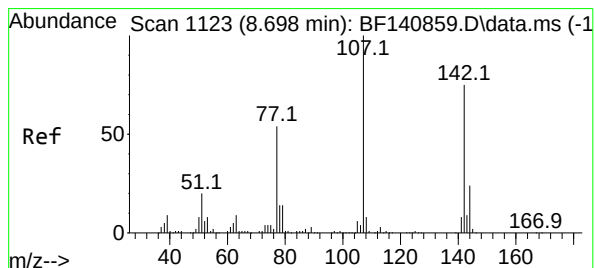
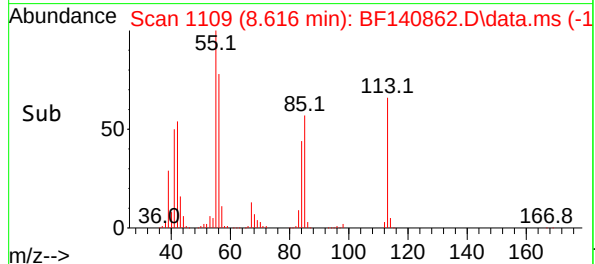
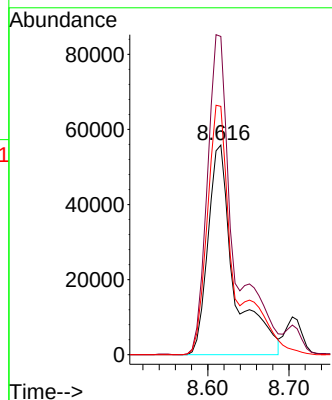
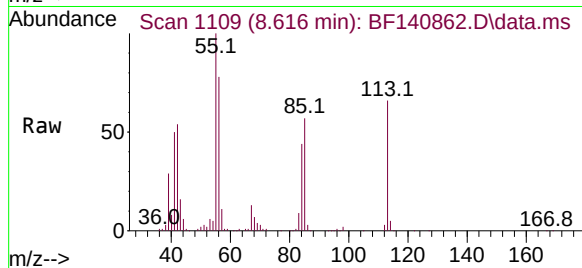




#35
Caprolactam
Concen: 85.813 ng m
RT: 8.616 min Scan# 1109
Delta R.T. 0.029 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

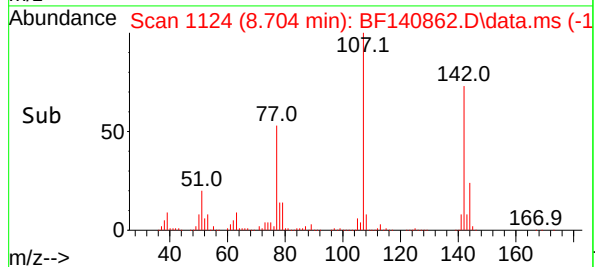
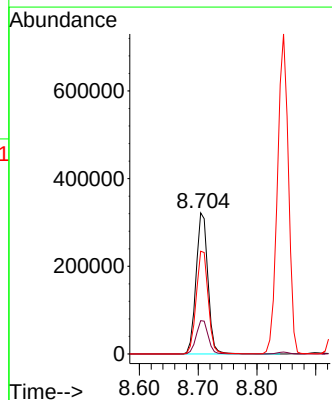
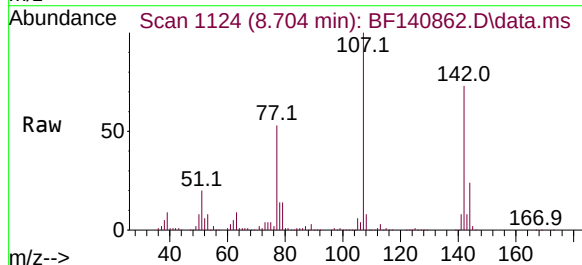
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

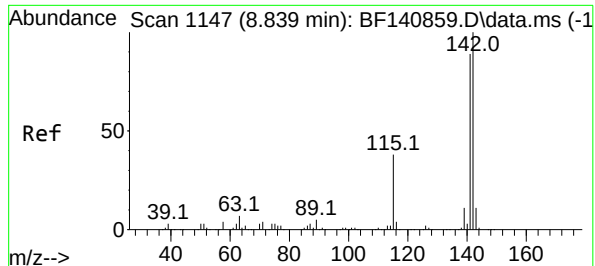
Tgt Ion:113 Resp: 125537
Ion Ratio Lower Upper
113 100
55 151.8 132.3 172.3
56 118.4 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 81.301 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:107 Resp: 449654
Ion Ratio Lower Upper
107 100
144 23.5 19.4 29.2
142 72.8 60.3 90.5





#37

2-Methylnaphthalene

Concen: 80.295 ng

RT: 8.845 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

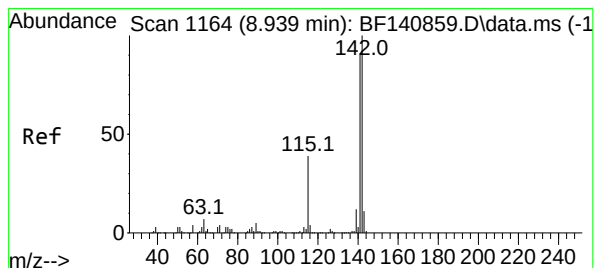
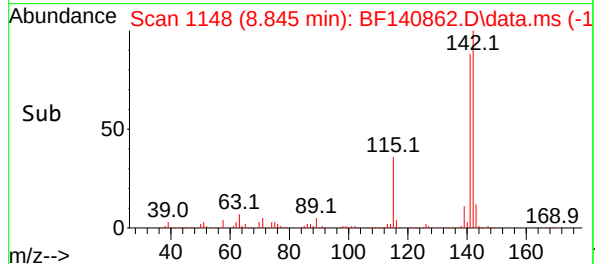
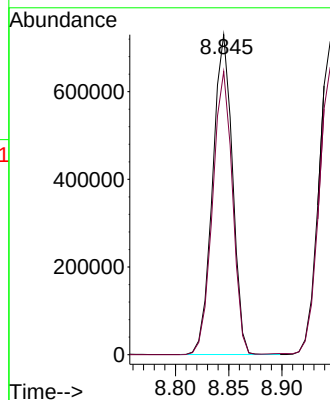
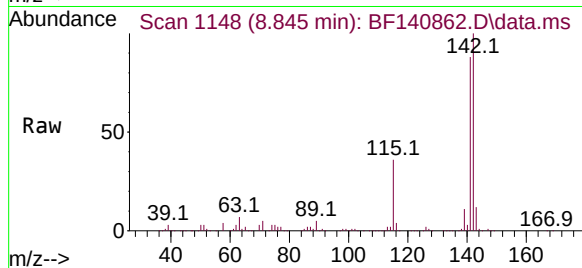
SSTDICC080

Tgt Ion:142 Resp: 942892

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 79.695 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF140862.D

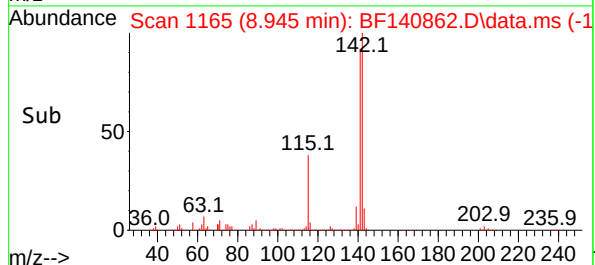
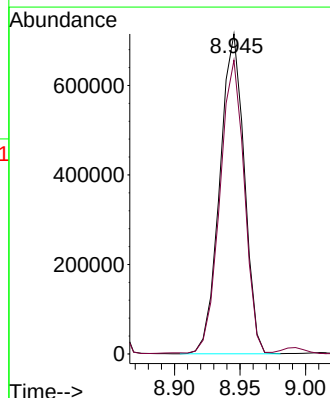
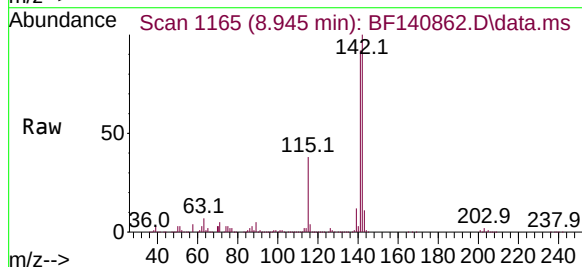
Acq: 16 Dec 2024 16:15

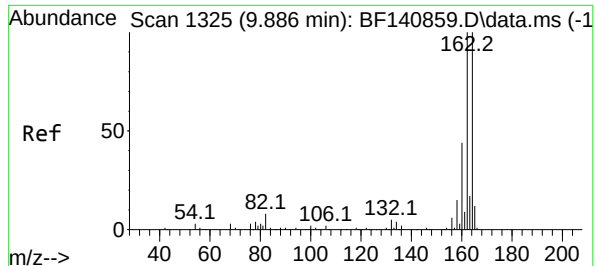
Tgt Ion:142 Resp: 925535

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

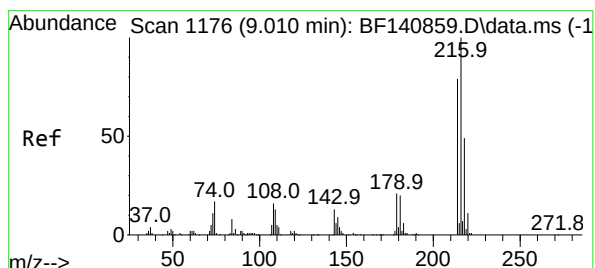
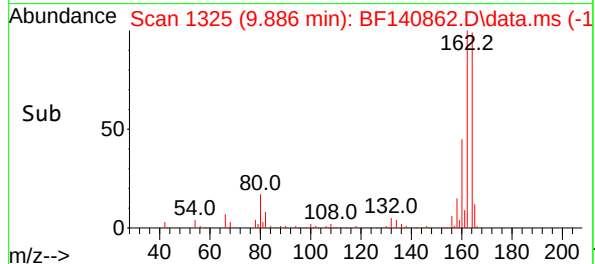
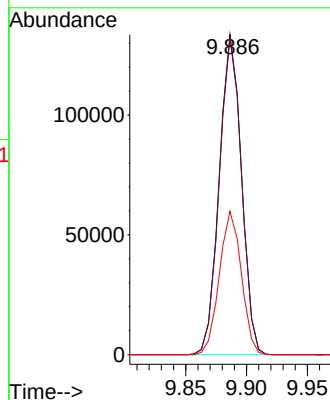
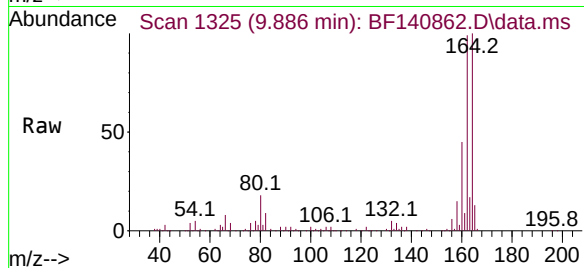
Tgt Ion:164 Resp: 169321

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 44.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 89.625 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion:216 Resp: 466438

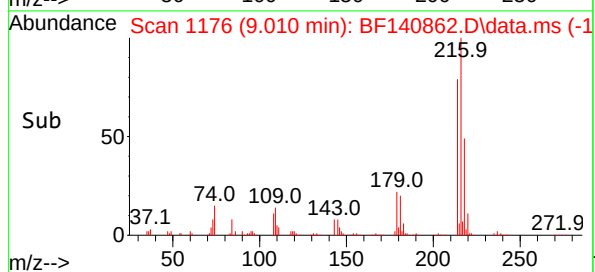
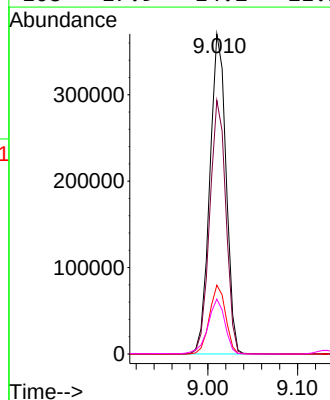
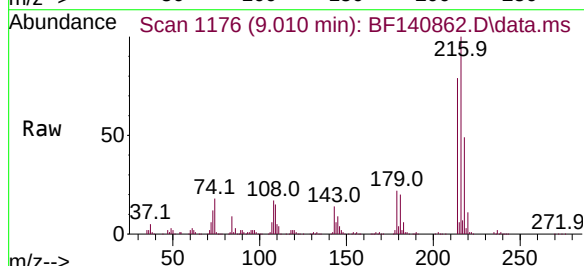
Ion Ratio Lower Upper

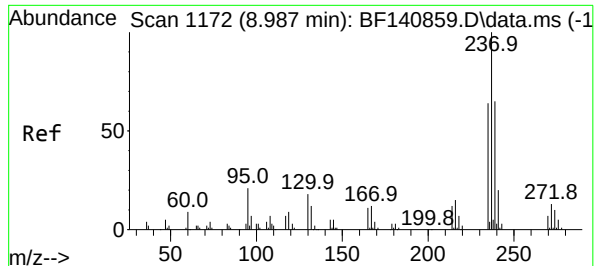
216 100

214 78.7 63.6 95.4

179 21.3 17.0 25.4

108 17.9 14.2 21.2

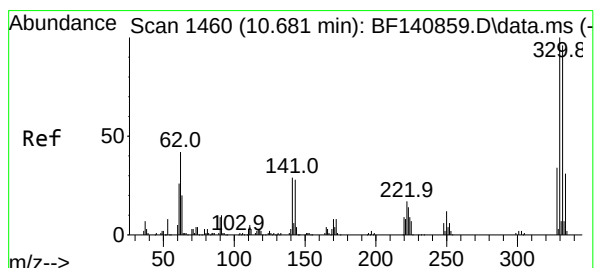
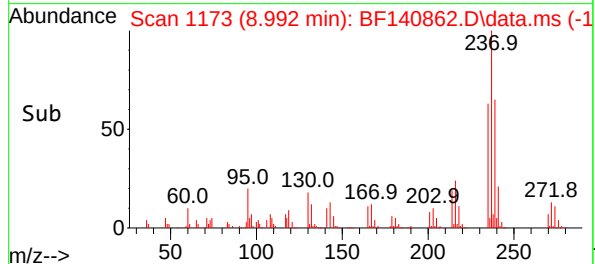
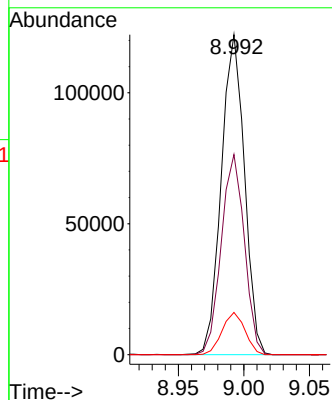
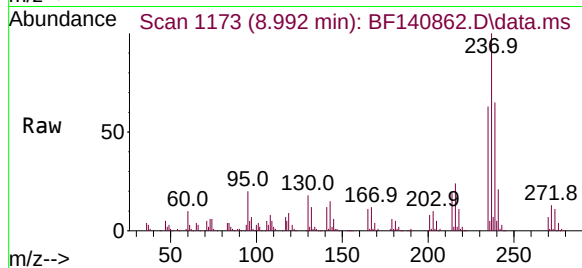




#41
Hexachlorocyclopentadiene
Concen: 80.025 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

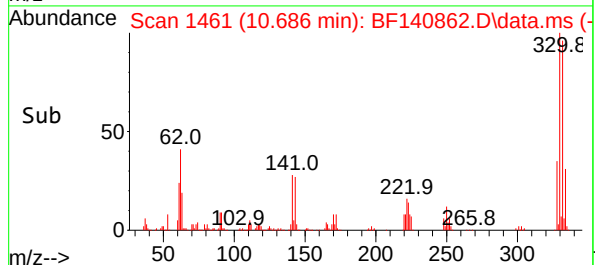
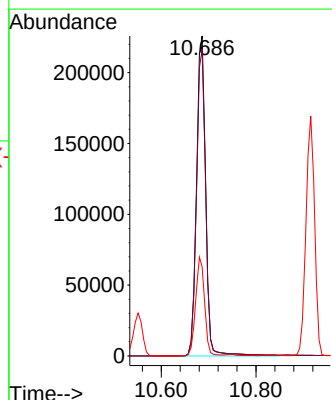
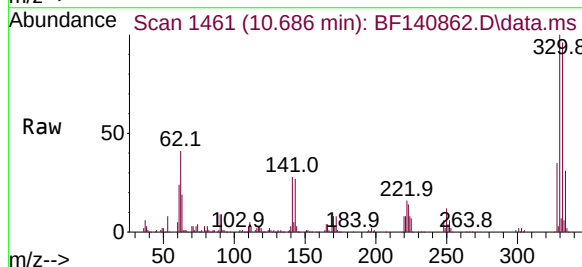
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

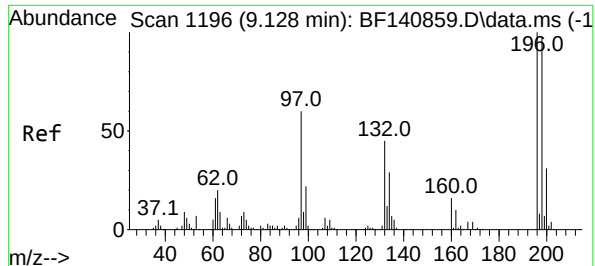
Tgt Ion: 237 Resp: 149909
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 13.2 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 152.164 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 330 Resp: 304721
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 30.2 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 94.714 ng

RT: 9.134 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

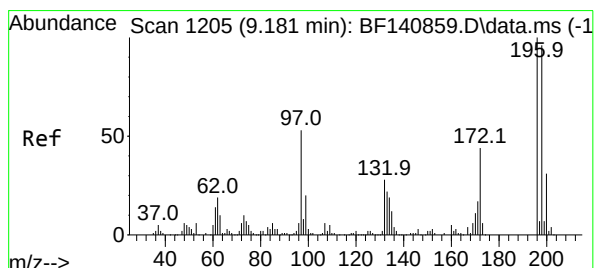
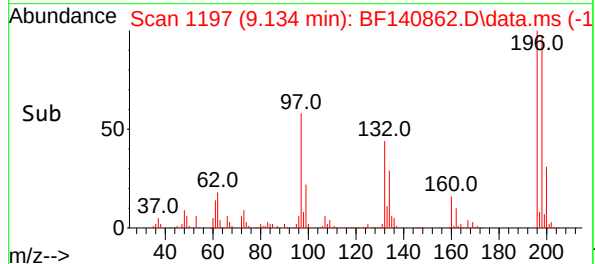
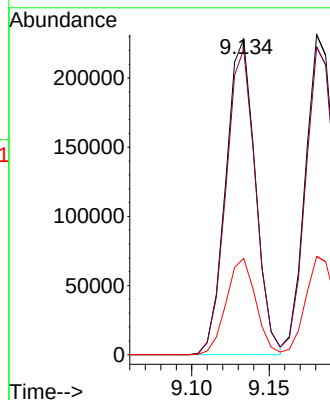
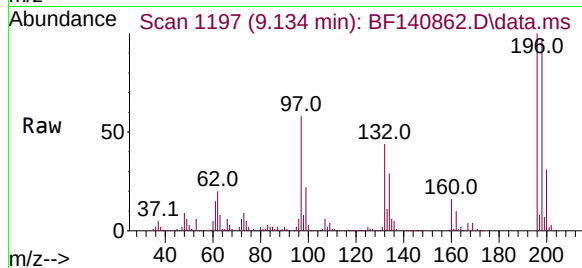
Tgt Ion:196 Resp: 301828

Ion Ratio Lower Upper

196 100

198 96.8 77.4 116.0

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 91.760 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Tgt Ion:196 Resp: 321402

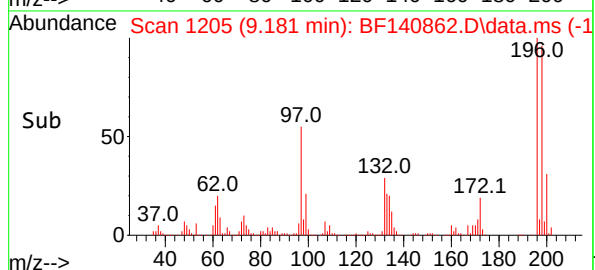
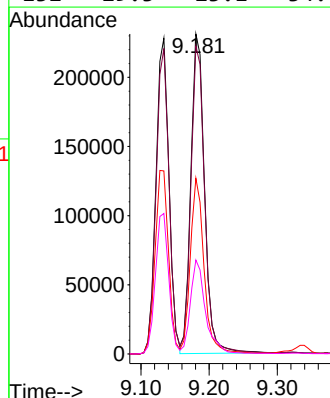
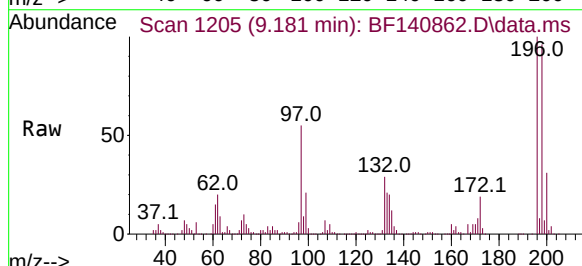
Ion Ratio Lower Upper

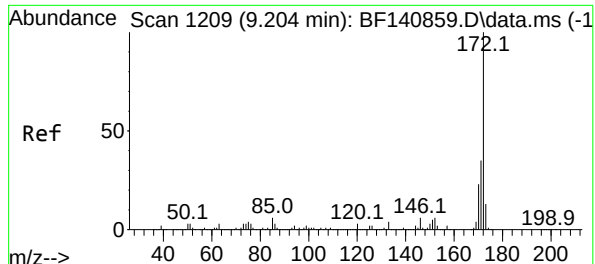
196 100

198 96.1 77.2 115.8

97 54.9 42.2 63.4

132 29.3 23.1 34.7

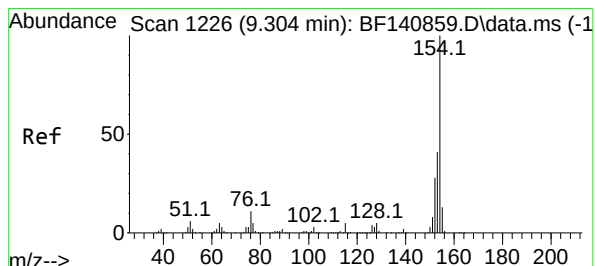
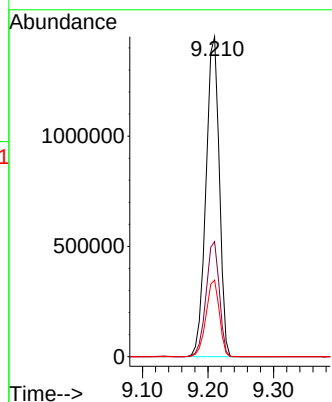
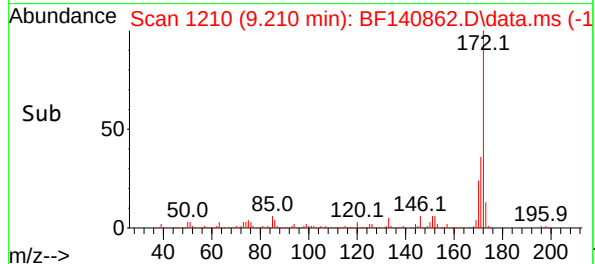
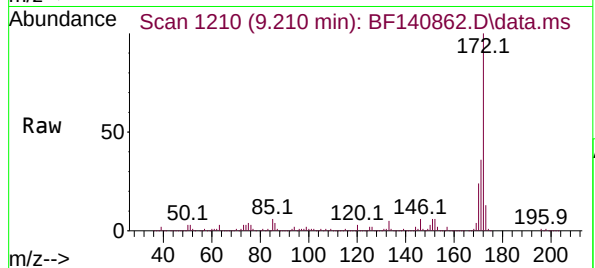




#45
2-Fluorobiphenyl
Concen: 166.807 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

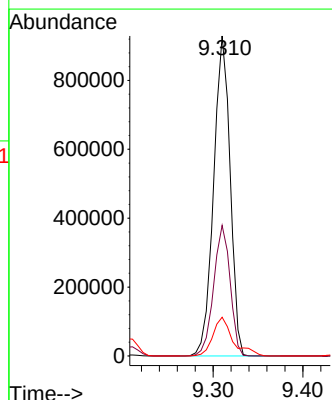
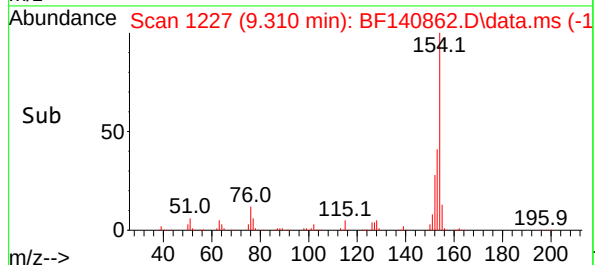
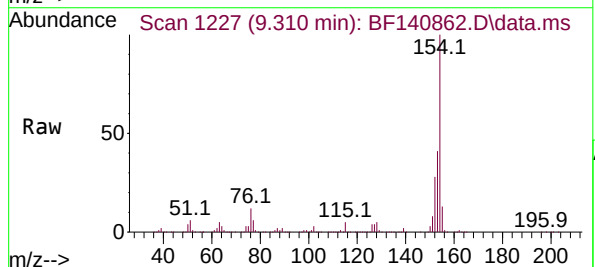
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

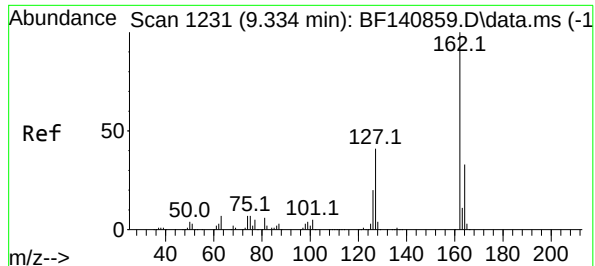
Tgt Ion:172 Resp: 2054327
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 88.155 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:154 Resp: 1186930
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 90.075 ng

RT: 9.339 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

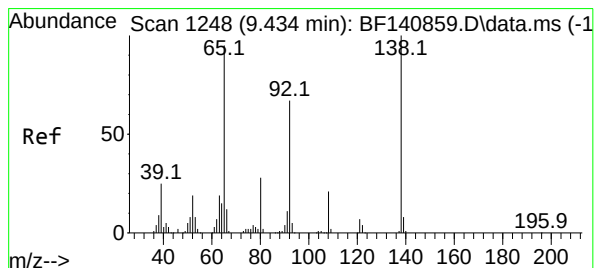
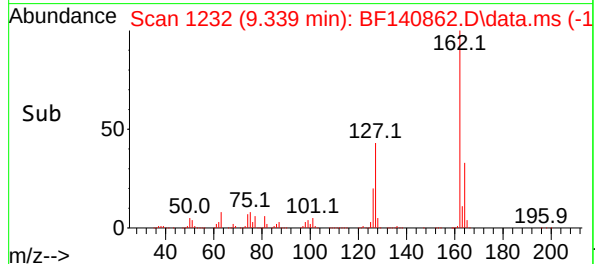
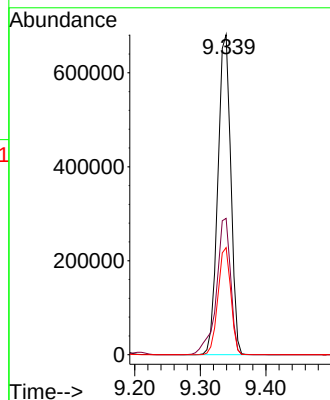
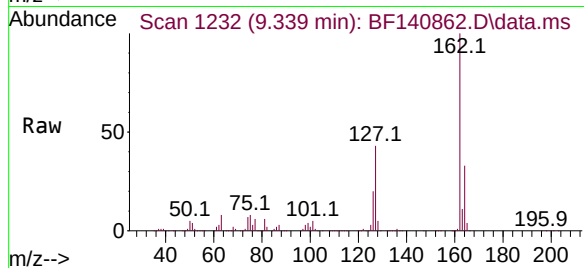
Tgt Ion:162 Resp: 927799

Ion Ratio Lower Upper

162 100

127 42.6 33.5 50.3

164 33.4 26.2 39.2



#48

2-Nitroaniline

Concen: 93.162 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

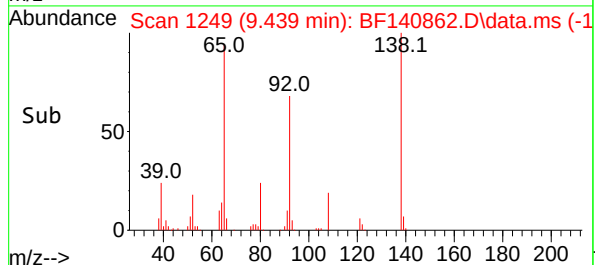
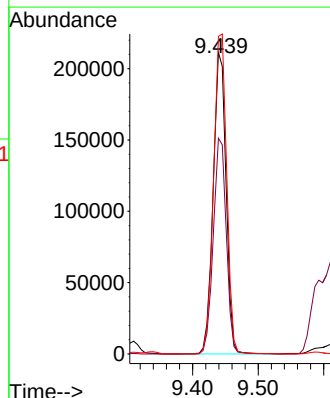
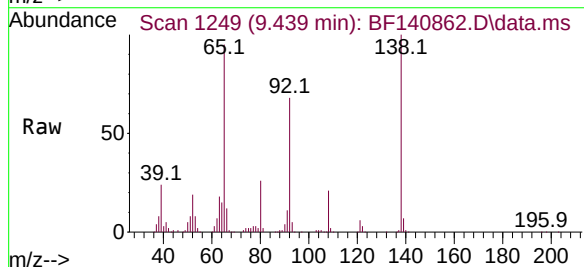
Tgt Ion: 65 Resp: 289810

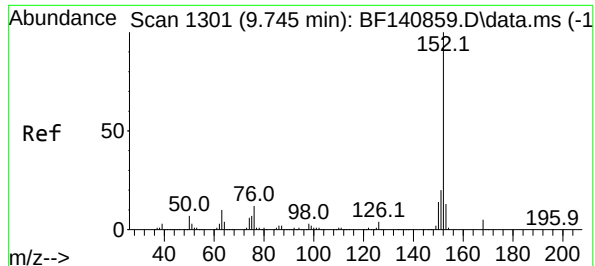
Ion Ratio Lower Upper

65 100

92 71.5 56.3 84.5

138 105.3 83.8 125.6





#49

Acenaphthylene

Concen: 77.278 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

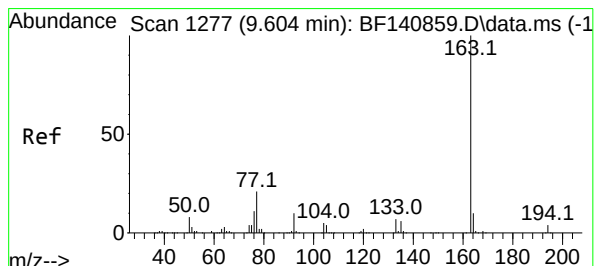
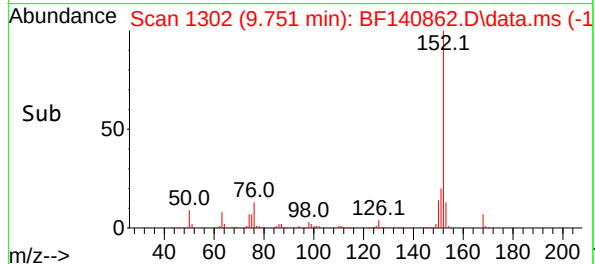
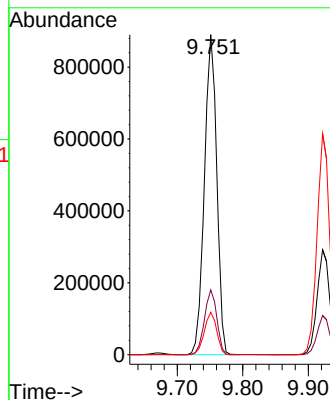
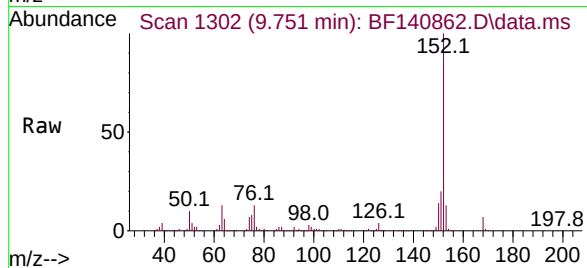
Tgt Ion:152 Resp: 1169747

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 87.890 ng

RT: 9.616 min Scan# 1279

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

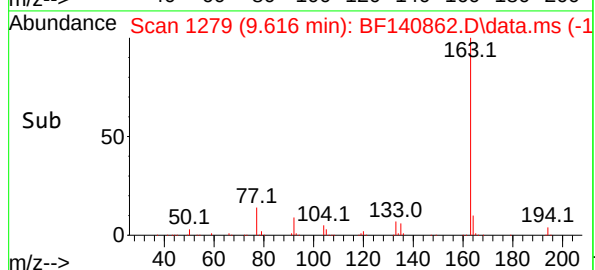
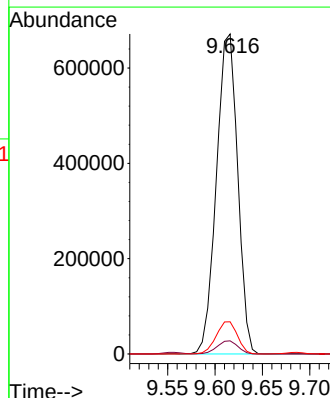
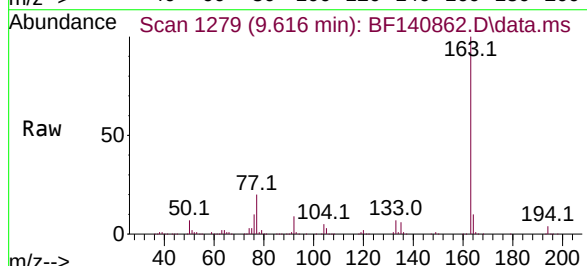
Tgt Ion:163 Resp: 1049196

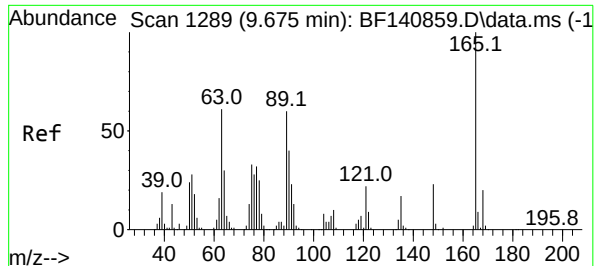
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 88.104 ng

RT: 9.686 min Scan# 1289

Delta R.T. 0.012 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

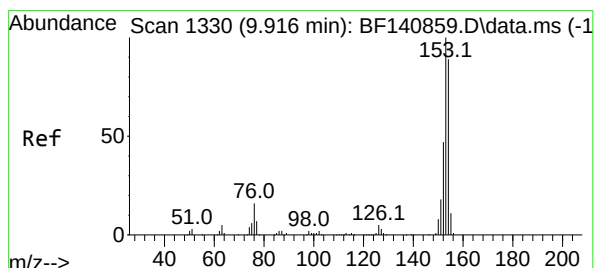
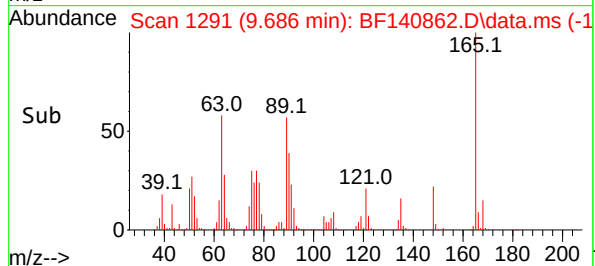
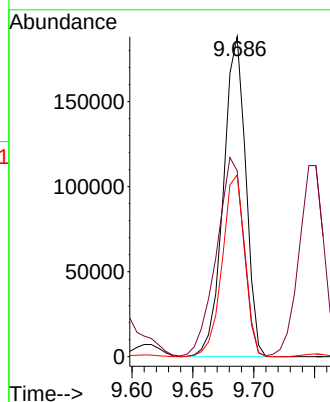
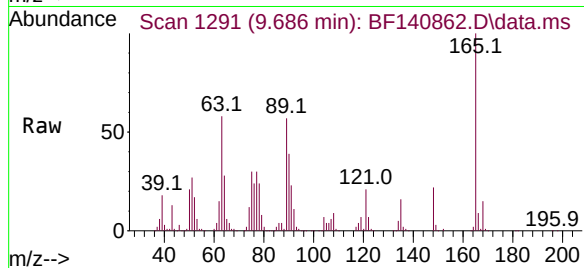
Tgt Ion:165 Resp: 240439

Ion Ratio Lower Upper

165 100

63 58.1 49.7 74.5

89 56.8 48.2 72.4



#52

Acenaphthene

Concen: 73.511 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

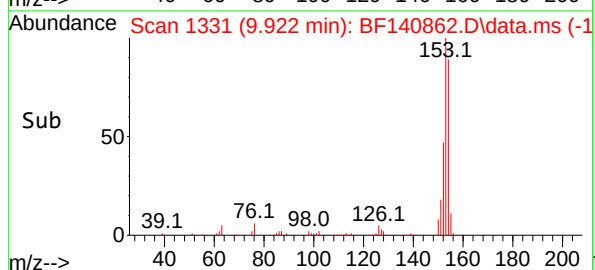
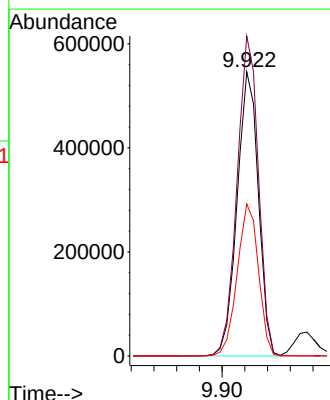
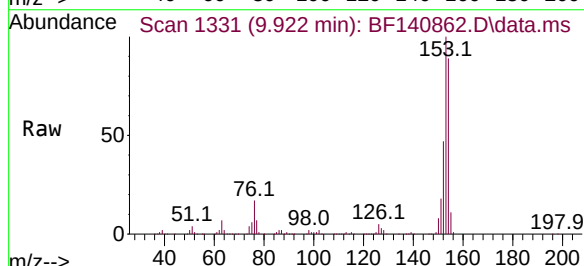
Tgt Ion:154 Resp: 710789

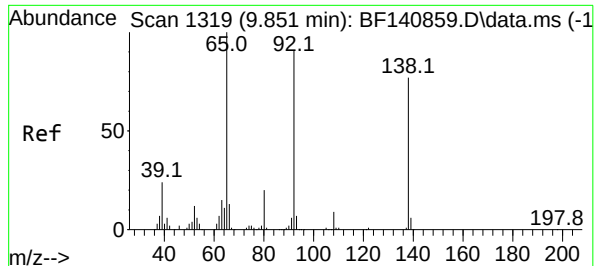
Ion Ratio Lower Upper

154 100

153 112.6 89.9 134.9

152 53.5 42.6 63.8

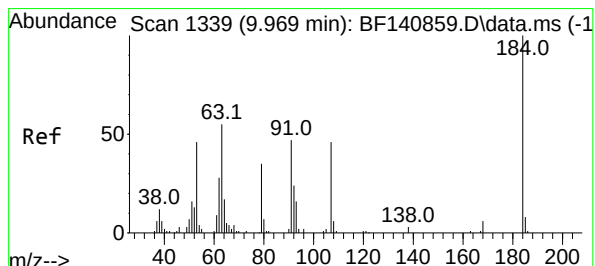
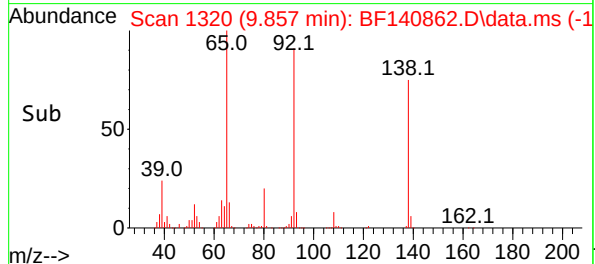
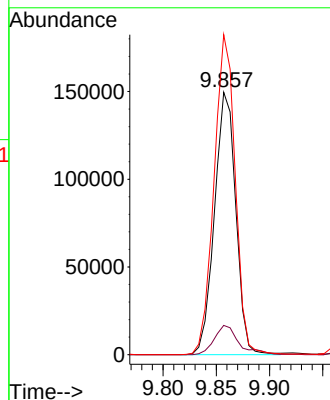
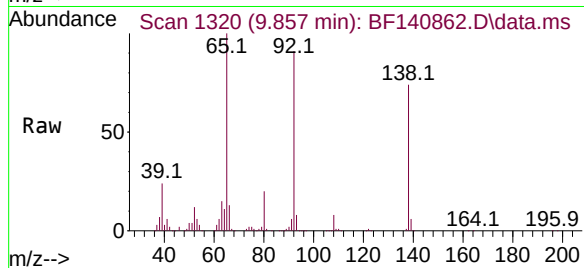




#53
3-Nitroaniline
Concen: 76.804 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

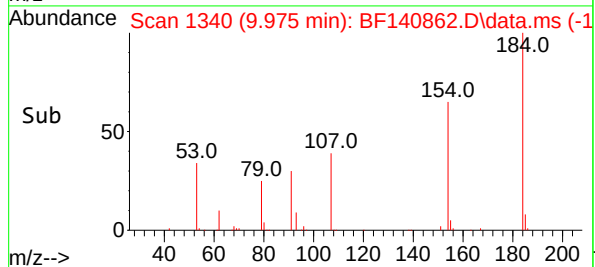
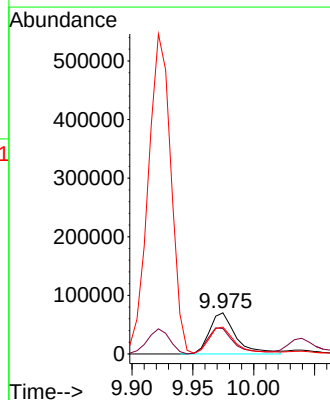
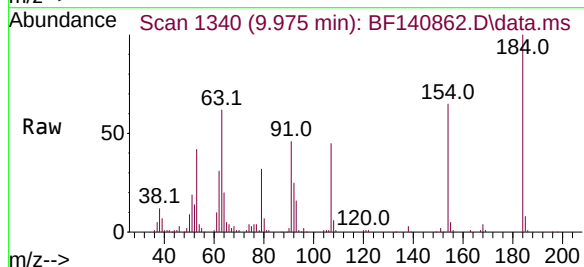
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

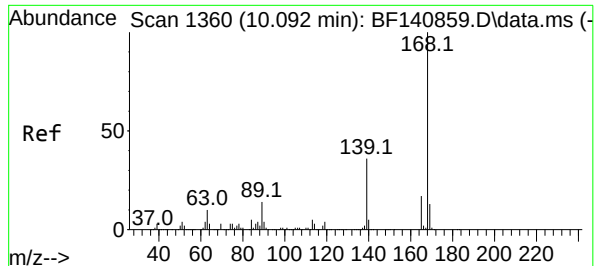
Tgt Ion:138 Resp: 208004
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 122.0 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 79.797 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:184 Resp: 106230
Ion Ratio Lower Upper
184 100
63 62.0 51.6 77.4
154 65.4 56.1 84.1





#55

Dibenzenofuran

Concen: 71.543 ng

RT: 10.092 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

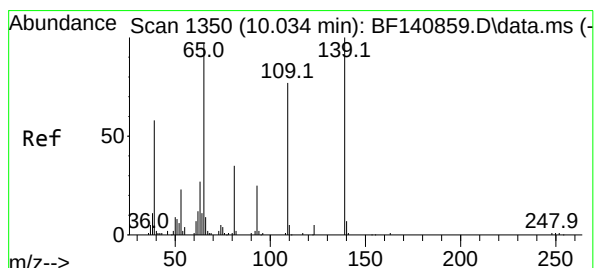
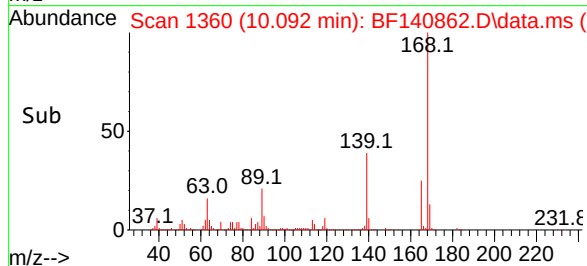
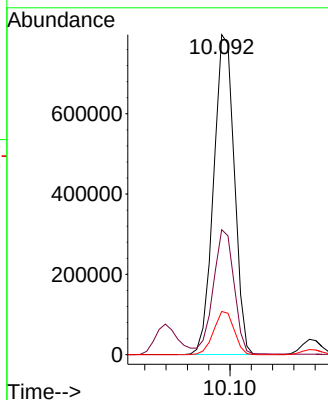
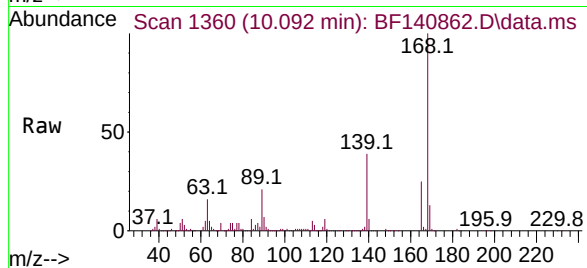
Tgt Ion:168 Resp: 1071923

Ion Ratio Lower Upper

168 100

139 39.1 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 77.685 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

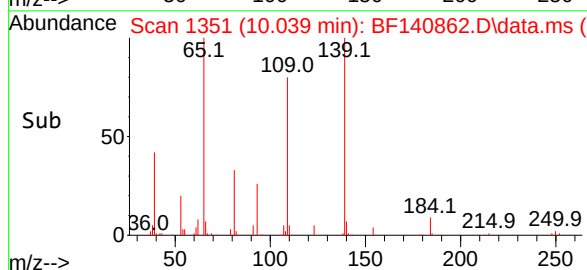
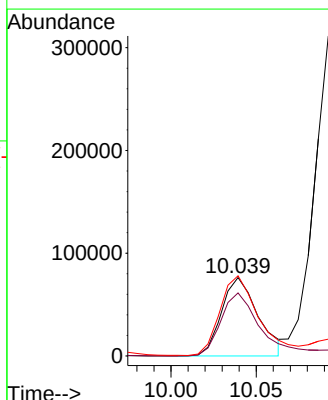
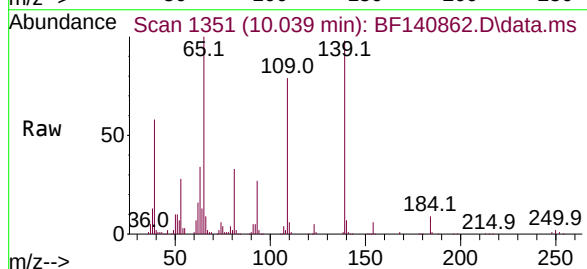
Tgt Ion:139 Resp: 112972

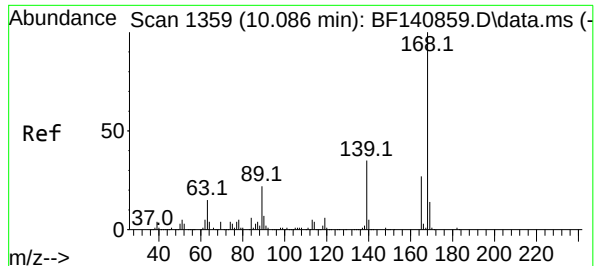
Ion Ratio Lower Upper

139 100

109 80.5 56.7 96.7

65 102.3 78.1 118.1

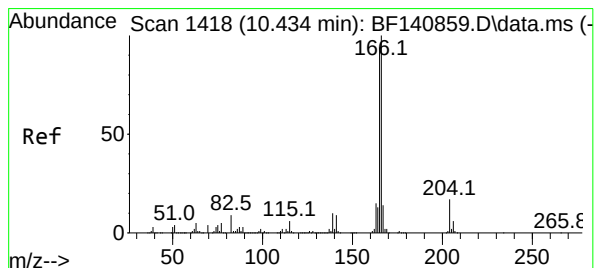
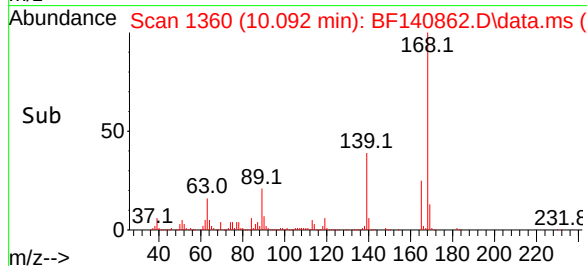
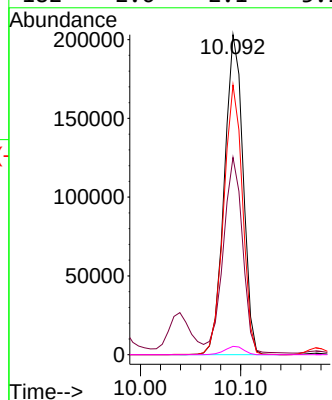
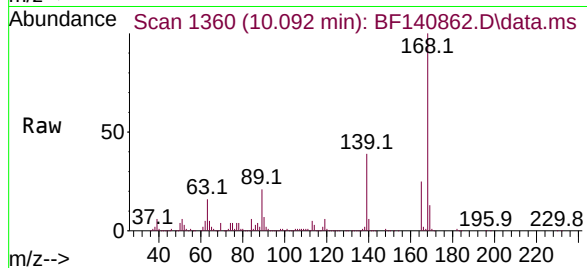




#57
2,4-Dinitrotoluene
Concen: 73.423 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

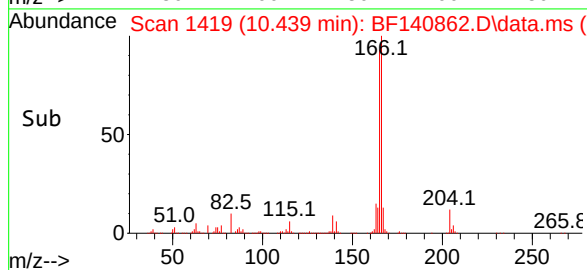
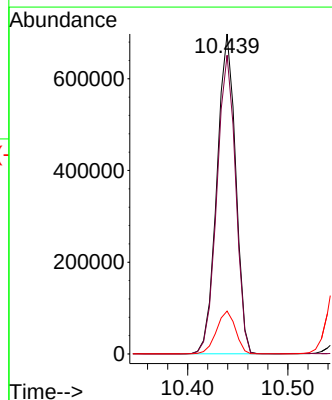
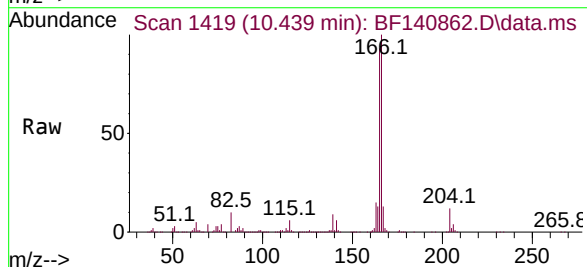
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

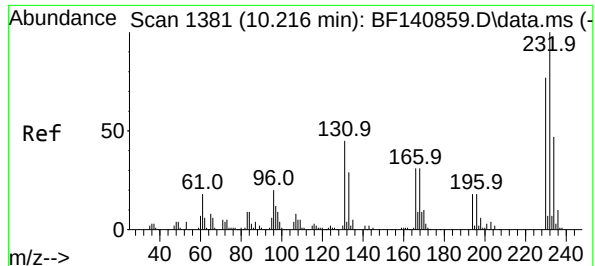
Tgt Ion:165 Resp: 263636
Ion Ratio Lower Upper
165 100
63 61.7 49.3 73.9
89 84.3 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 73.147 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:166 Resp: 904163
Ion Ratio Lower Upper
166 100
165 93.3 75.1 112.7
167 13.4 11.1 16.7

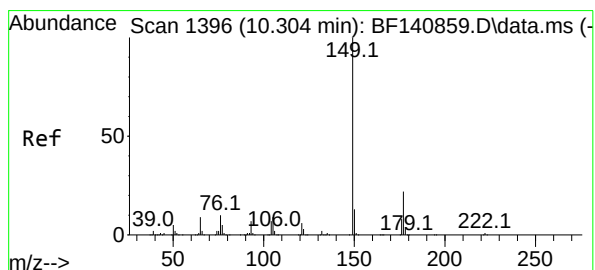
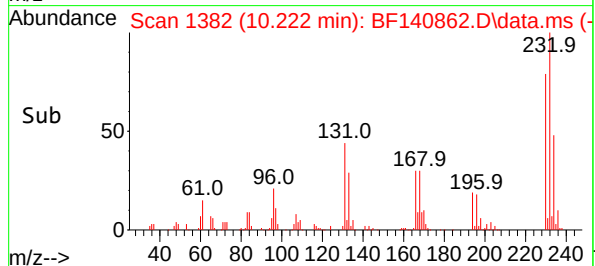
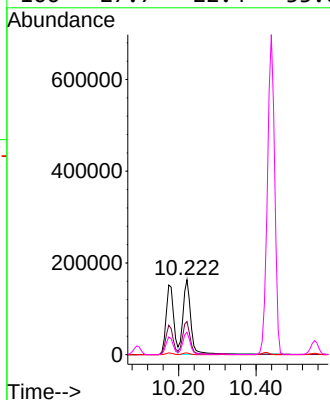
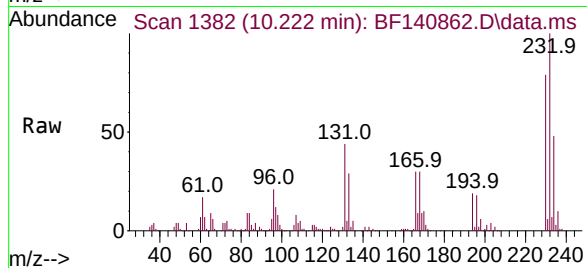




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.870 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

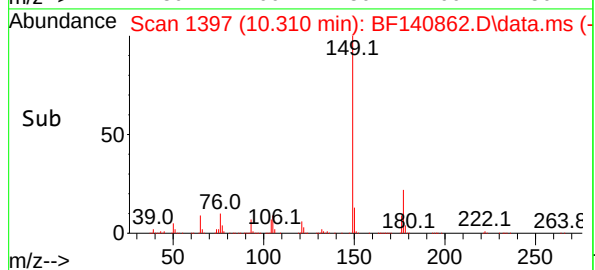
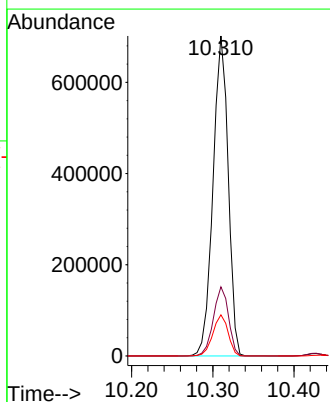
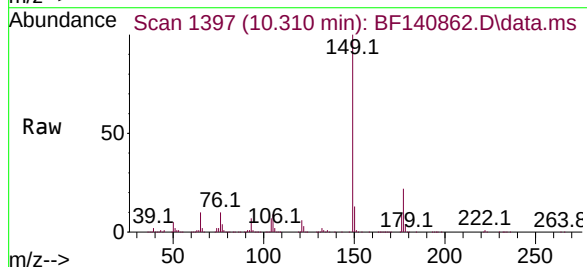
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

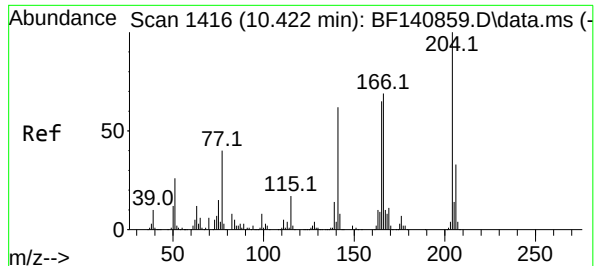
Tgt Ion:232 Resp: 230812
Ion Ratio Lower Upper
232 100
131 43.4 35.1 52.7
130 2.1 1.8 2.8
166 27.7 22.4 33.6



#60
Diethylphthalate
Concen: 73.664 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 911868
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.8 10.1 15.1

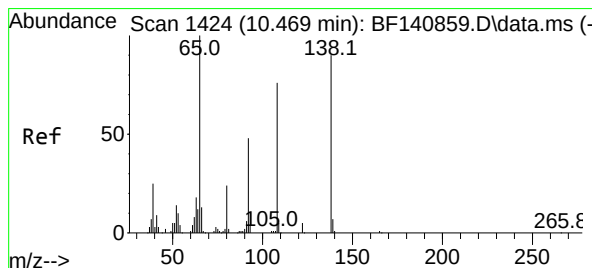
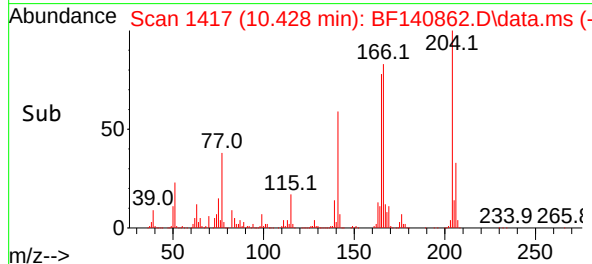
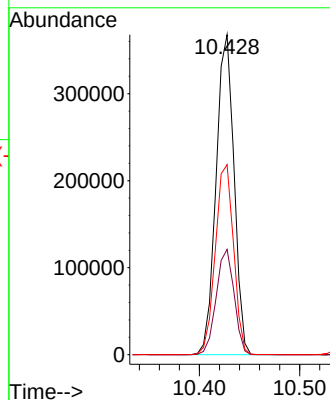
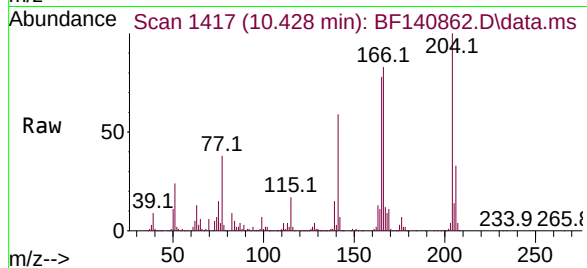




#61
4-Chlorophenyl-phenylether
Concen: 73.562 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

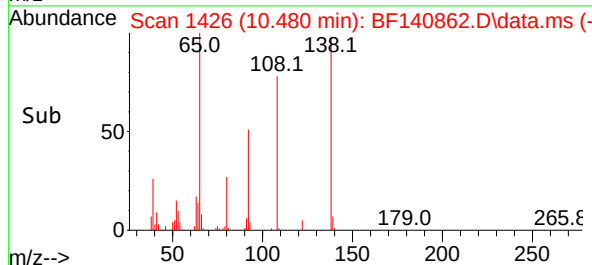
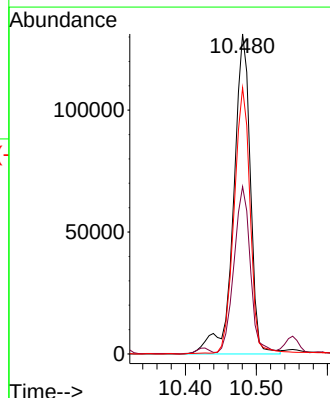
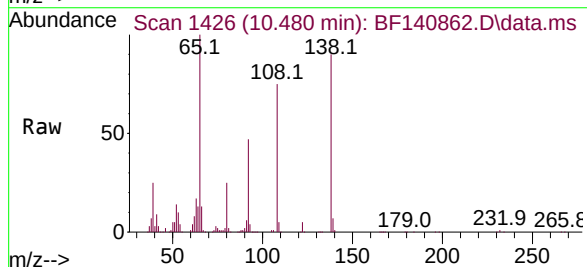
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

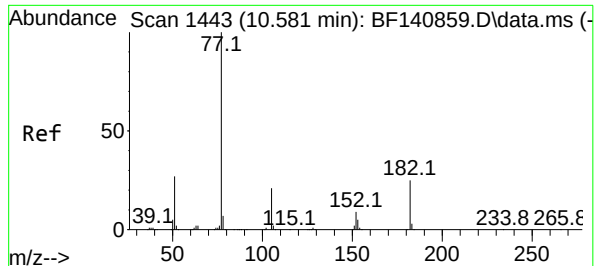
Tgt Ion:204 Resp: 456754
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.4 50.0 75.0



#62
4-Nitroaniline
Concen: 76.547 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:138 Resp: 216635
Ion Ratio Lower Upper
138 100
92 52.3 32.6 72.6
108 83.2 64.1 104.1

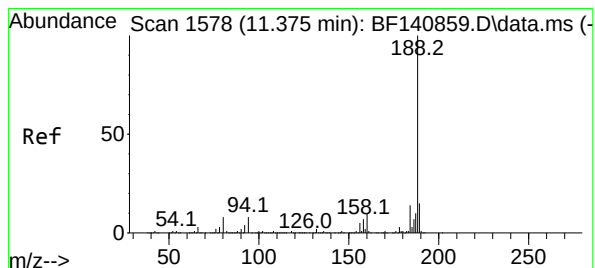
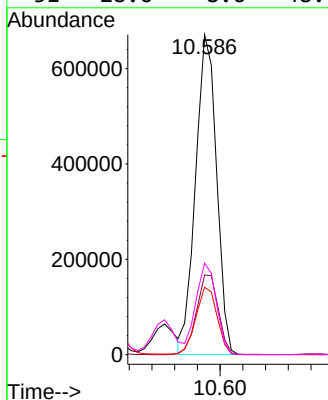
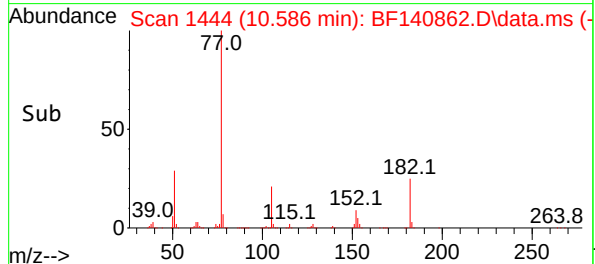
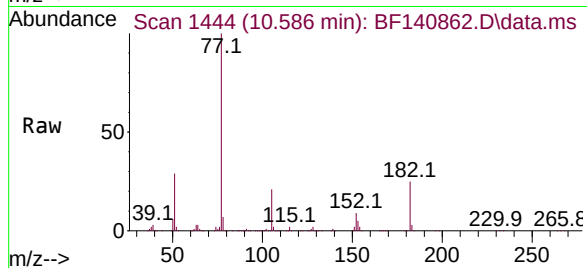




#63
Azobenzene
Concen: 74.110 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

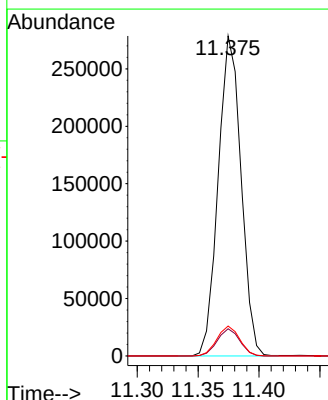
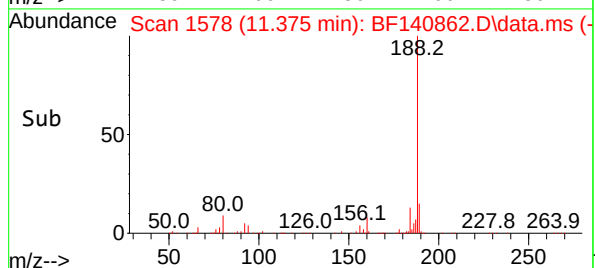
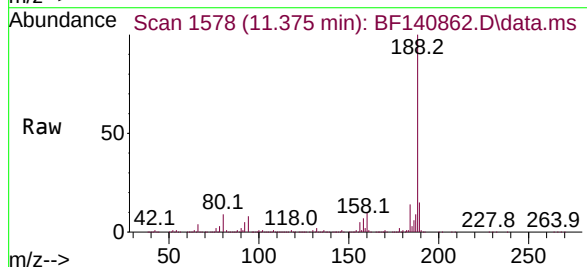
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

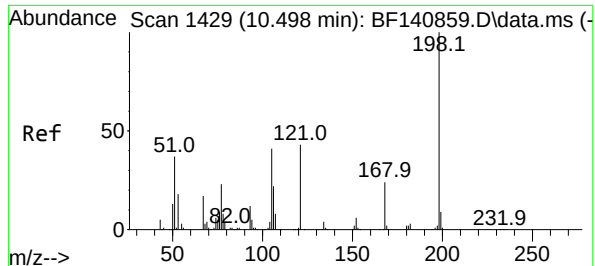
Tgt Ion: 77 Resp: 862457
Ion Ratio Lower Upper
77 100
182 24.9 4.5 44.5
105 21.1 0.9 40.9
51 28.6 8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion: 188 Resp: 364516
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.4 6.8 10.2

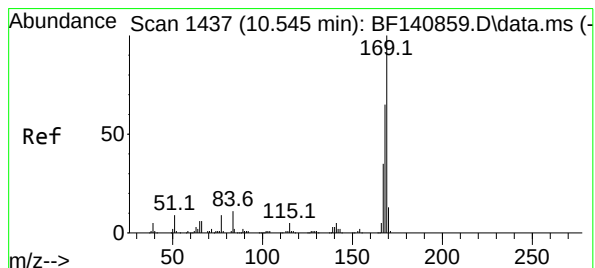
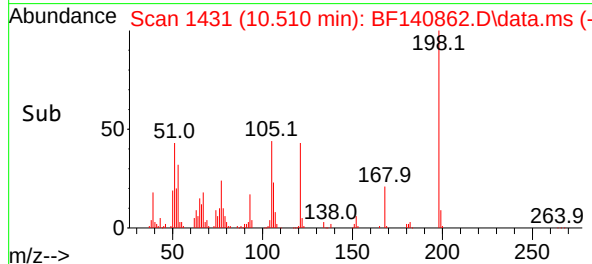
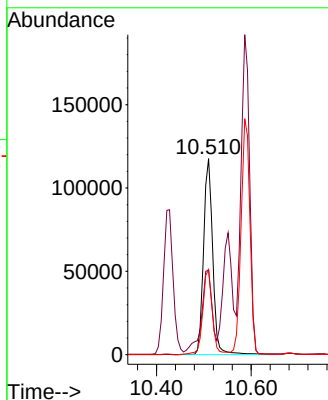
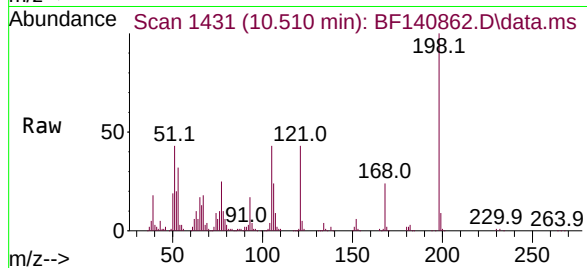




#65
4,6-Dinitro-2-methylphenol
Concen: 76.975 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

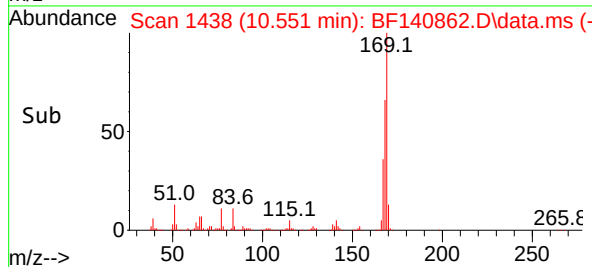
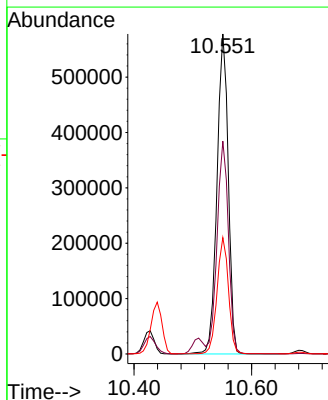
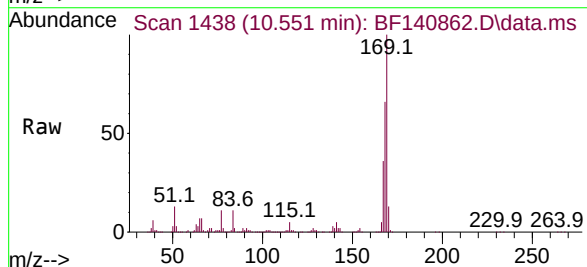
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

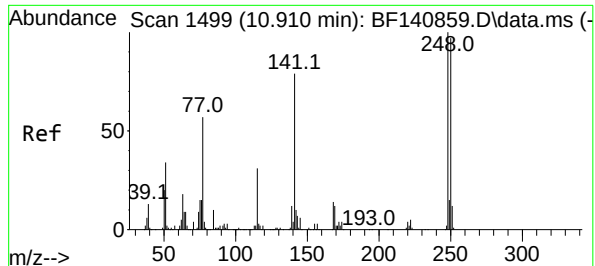
Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.3	24.4	64.4
105	43.4	22.1	62.1



#66
n-Nitrosodiphenylamine
Concen: 68.519 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.0
167	36.3	28.3	42.5

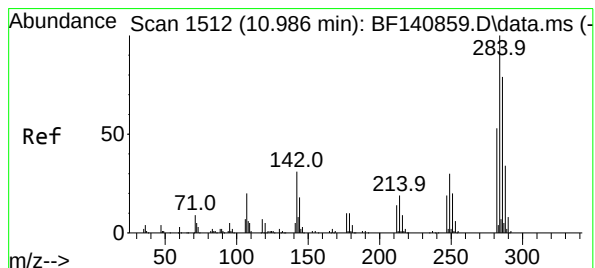
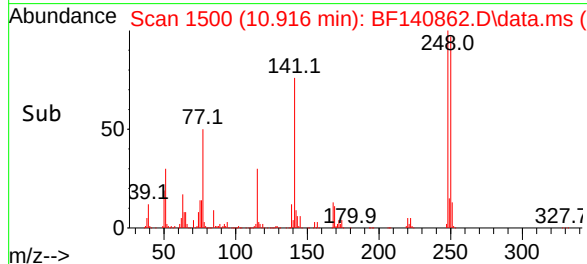
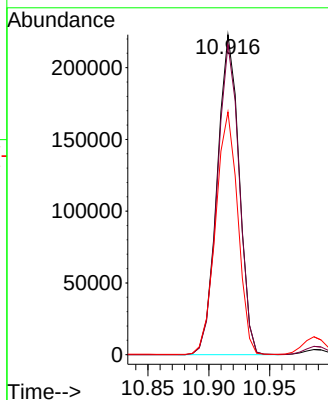
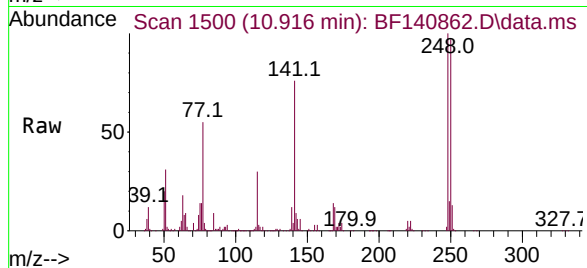




#67
4-Bromophenyl-phenylether
Concen: 68.648 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

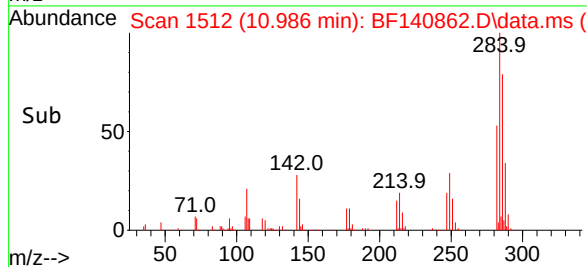
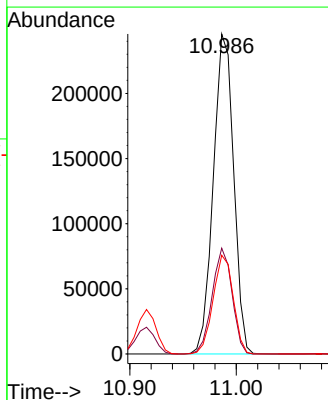
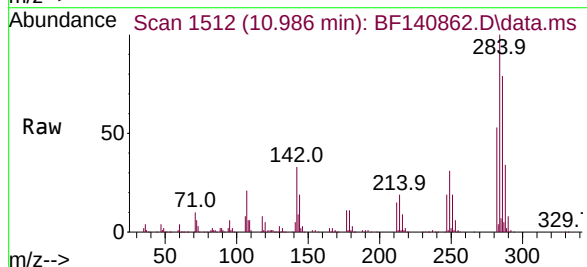
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

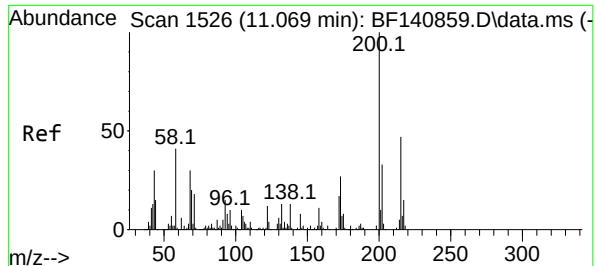
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	75.9	62.9	94.3



#68
Hexachlorobenzene
Concen: 70.220 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	24.6	36.8
249	30.9	24.3	36.5

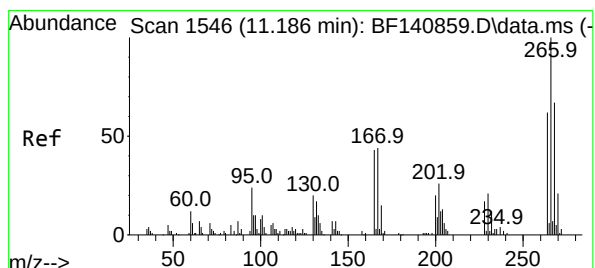
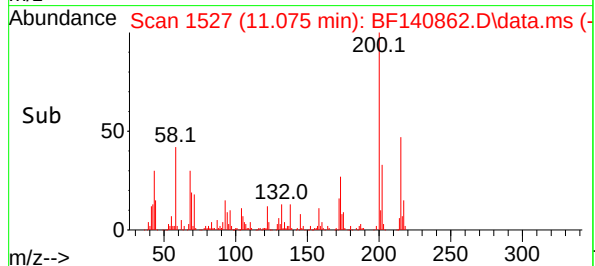
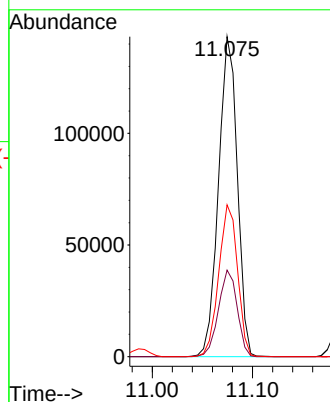
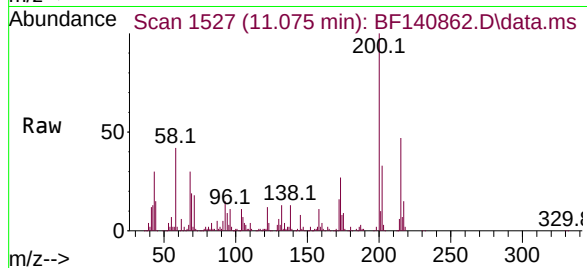




#69
Atrazine
Concen: 59.385 ng
RT: 11.075 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

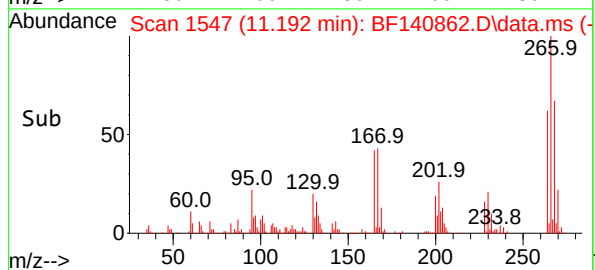
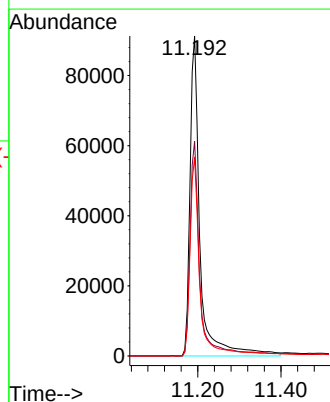
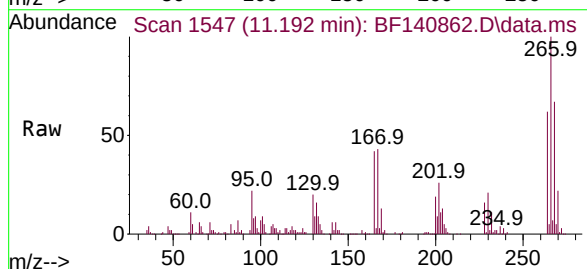
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

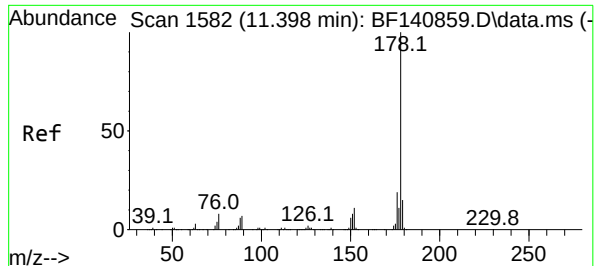
Tgt Ion:200 Resp: 185877
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 47.4 26.7 66.7



#70
Pentachlorophenol
Concen: 91.050 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:266 Resp: 153999
Ion Ratio Lower Upper
266 100
268 67.1 54.0 81.0
264 62.1 49.4 74.2

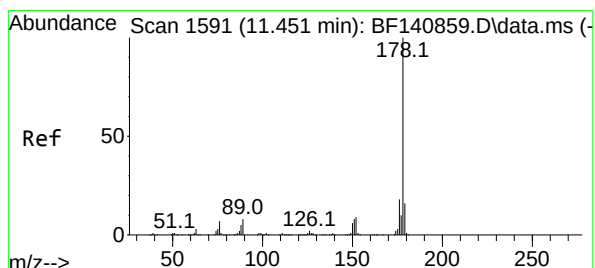
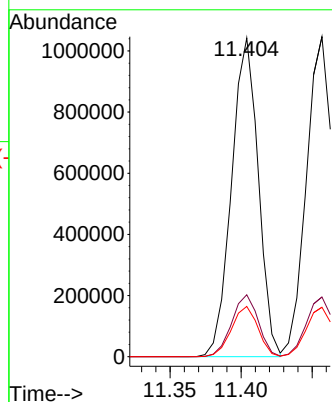
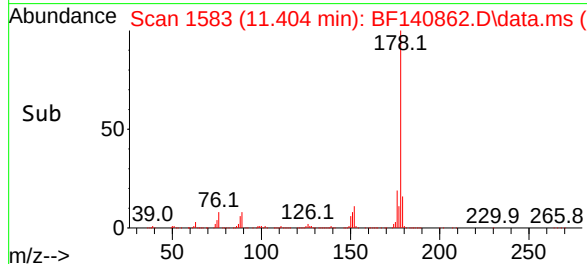
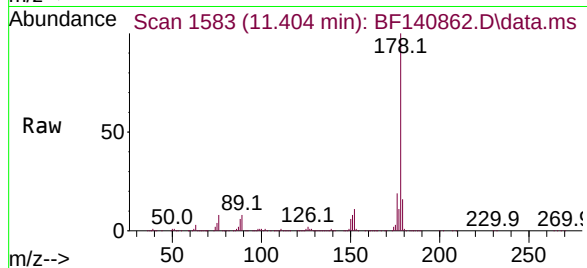




#71
Phenanthrene
Concen: 72.850 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

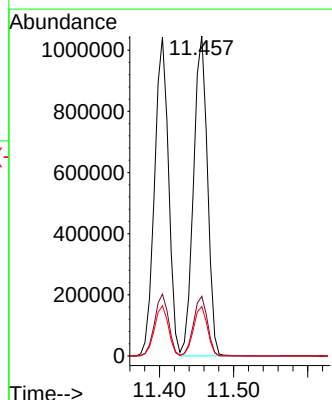
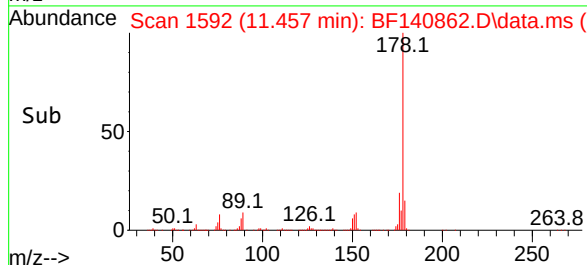
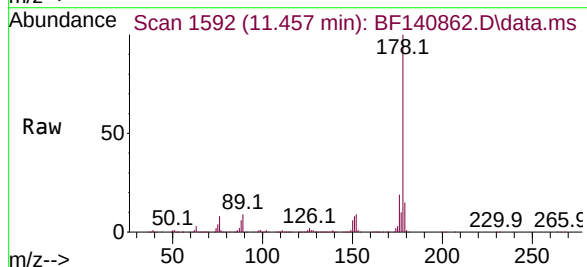
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

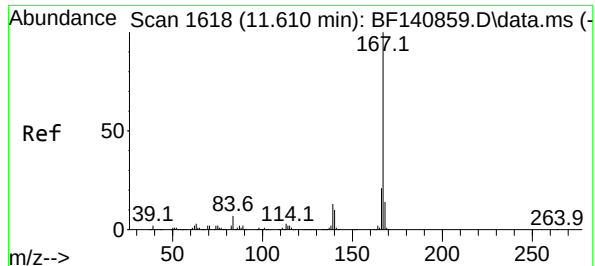
Tgt Ion:178 Resp: 1365579
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.1 18.1



#72
Anthracene
Concen: 73.769 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:178 Resp: 1361788
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.4 12.6 18.8

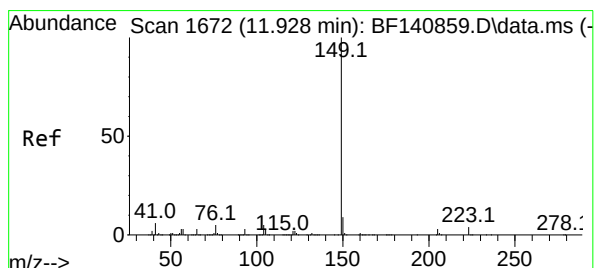
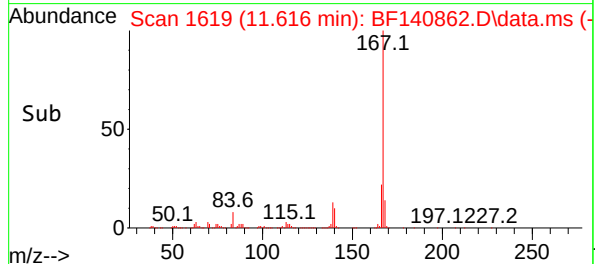
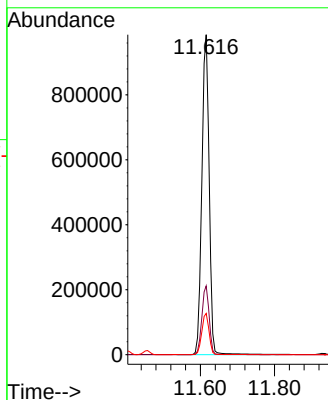
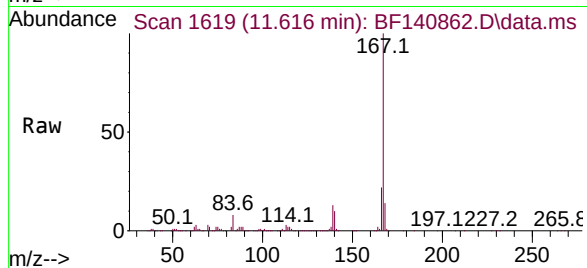




#73
Carbazole
Concen: 74.170 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

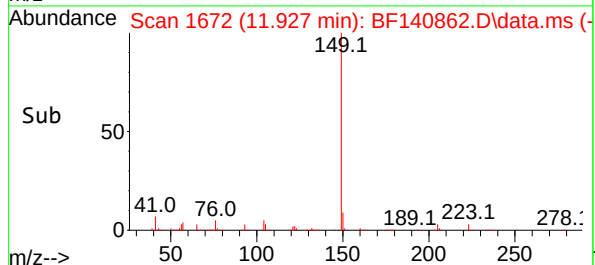
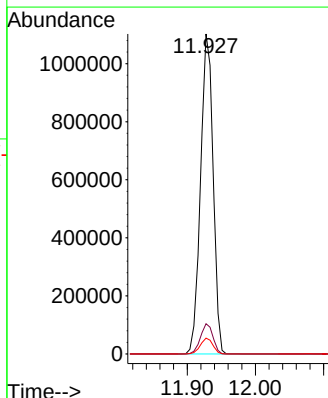
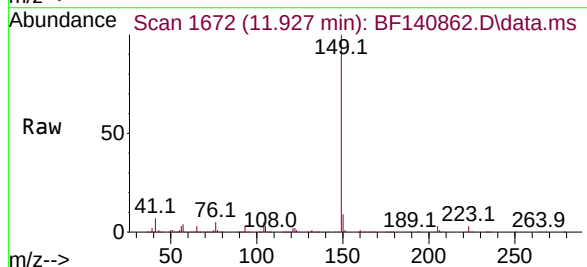
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

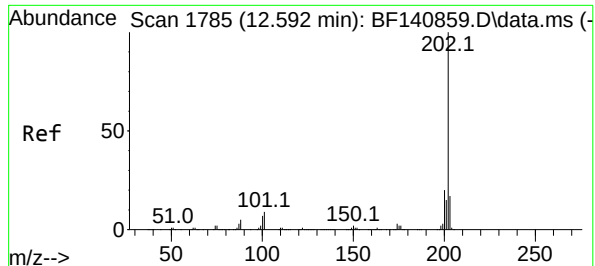
Tgt Ion:167 Resp: 1341097
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.9 10.2 15.2



#74
Di-n-butylphthalate
Concen: 66.492 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 1410986
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.0 3.8 5.8

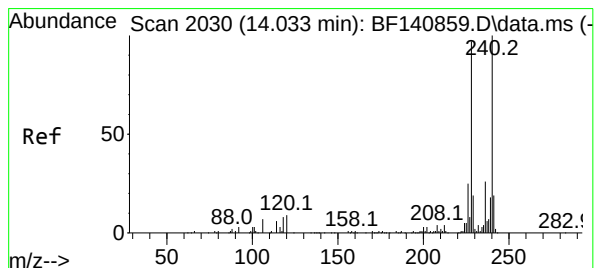
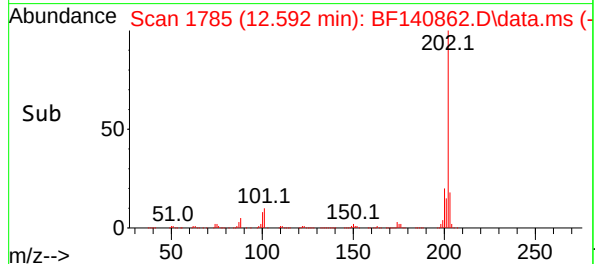
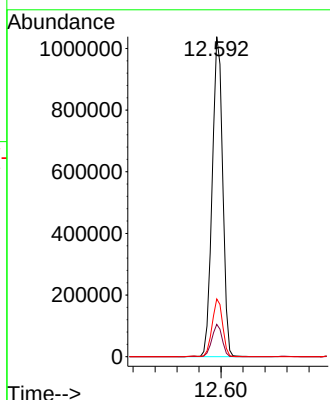
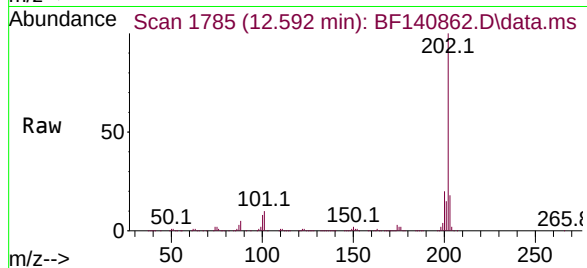




#75
Fluoranthene
Concen: 63.687 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

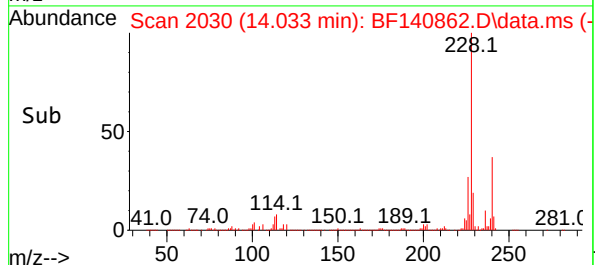
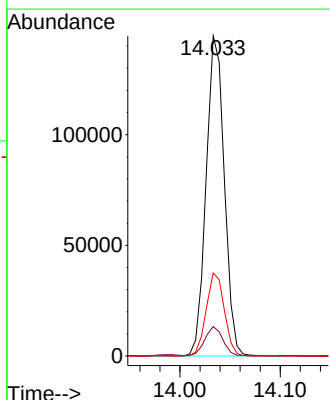
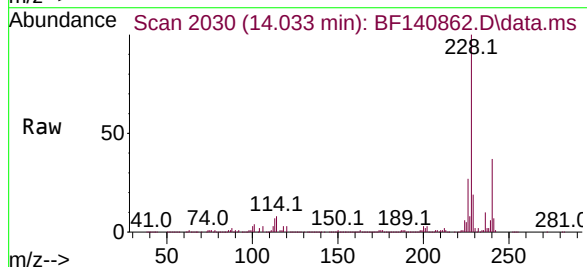
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

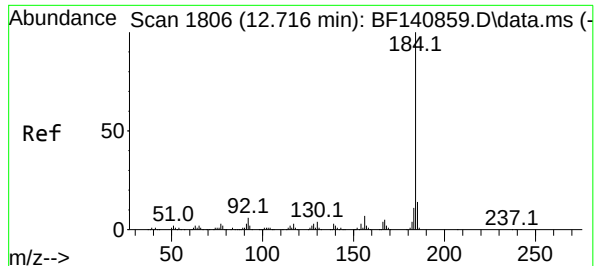
Tgt Ion:202 Resp: 1374862
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 18.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:240 Resp: 182739
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 26.0 20.5 30.7

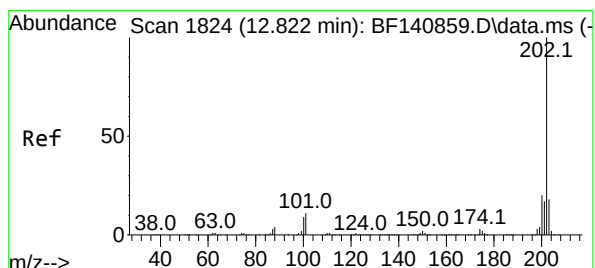
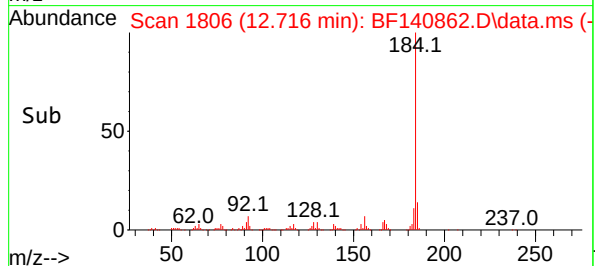
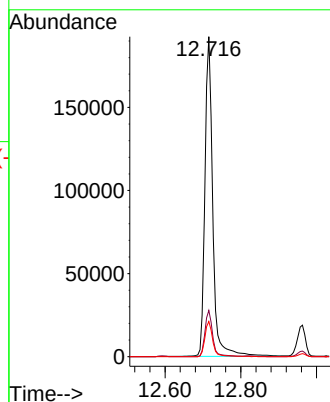
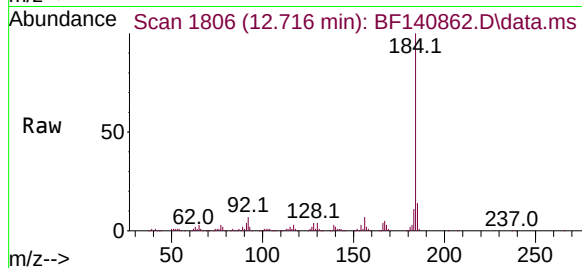




#77
Benzidine
Concen: 74.064 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

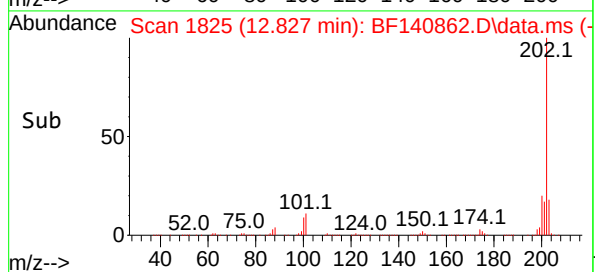
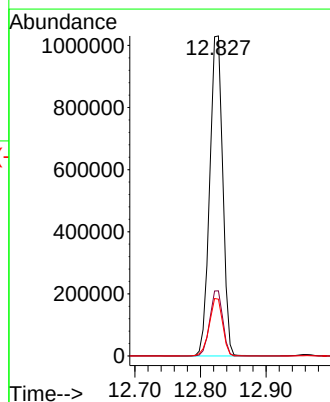
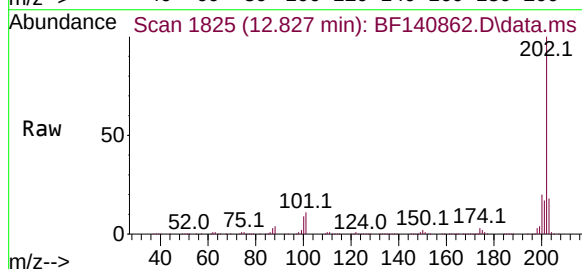
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

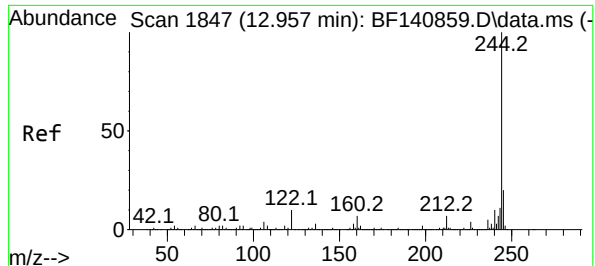
Tgt Ion:184 Resp: 276230
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.0 9.0 13.4



#78
Pyrene
Concen: 87.621 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:202 Resp: 1423860
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.8 14.2 21.4

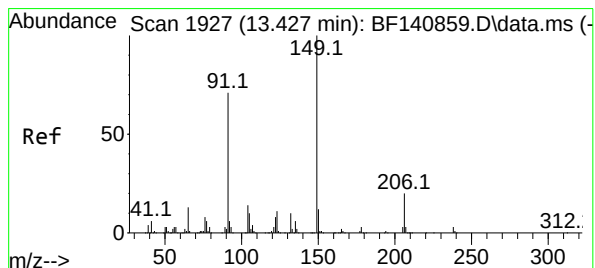
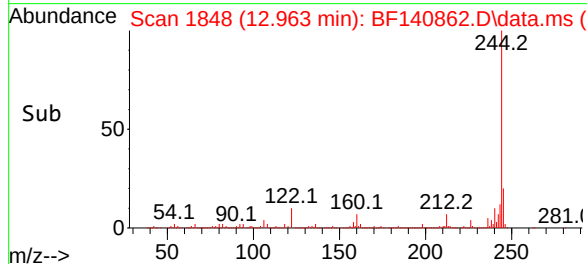
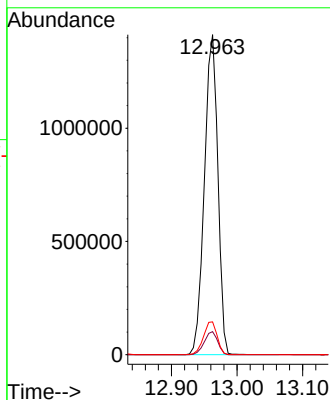
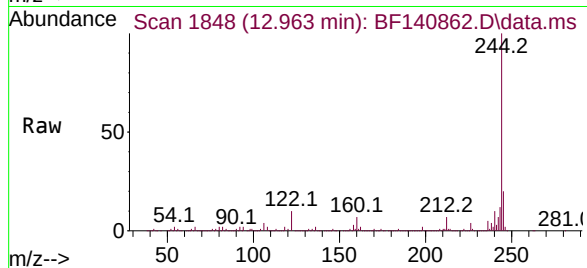




#79
Terphenyl-d14
Concen: 174.221 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

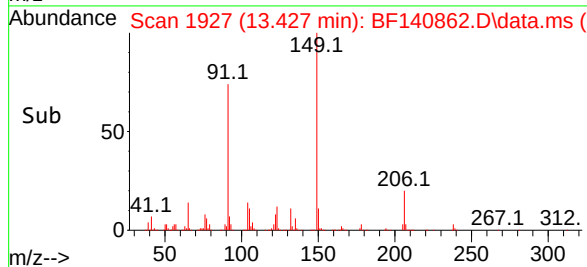
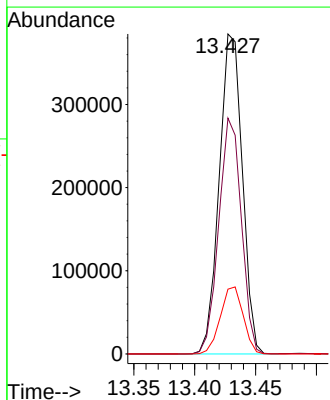
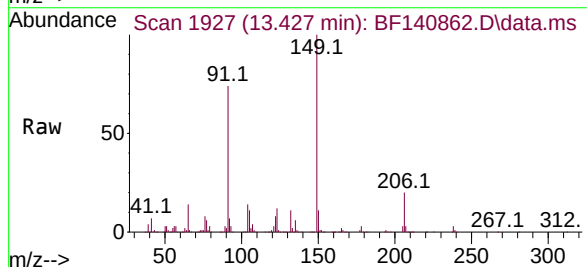
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

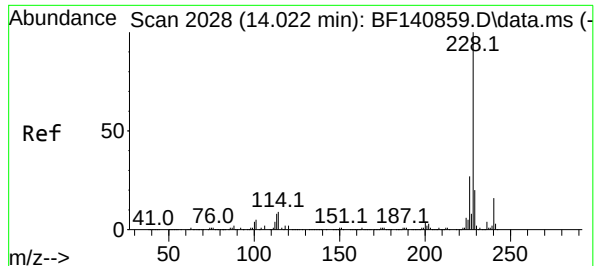
Tgt Ion:244 Resp: 2018997
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 10.2 8.2 12.2



#80
Butylbenzylphthalate
Concen: 85.043 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:149 Resp: 508497
Ion Ratio Lower Upper
149 100
91 73.7 56.7 85.1
206 20.3 16.4 24.6

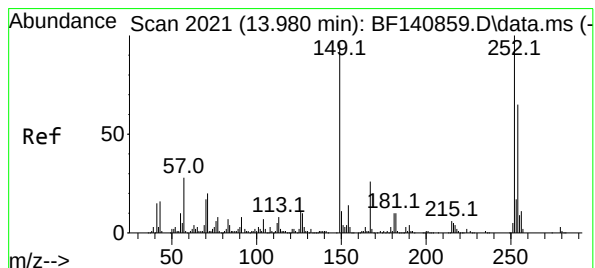
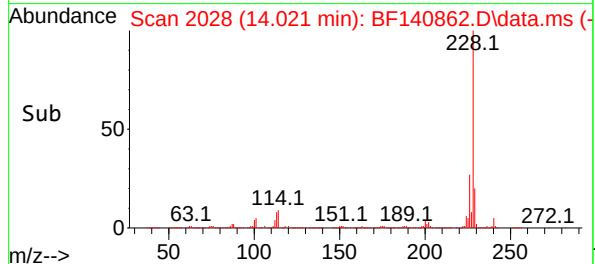
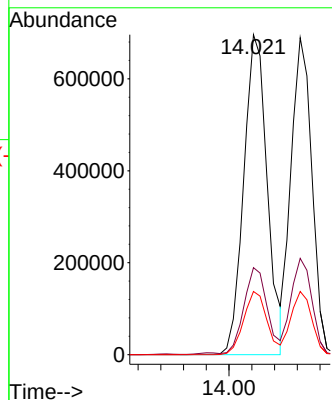
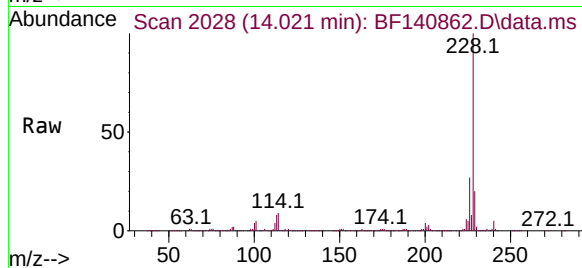




#81
Benzo(a)anthracene
Concen: 77.292 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

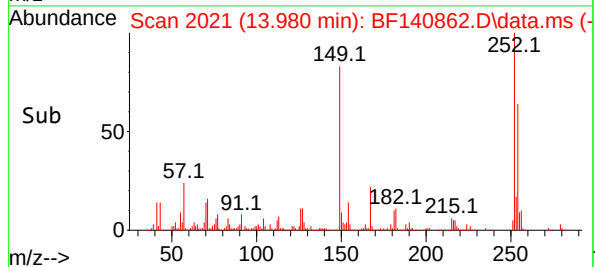
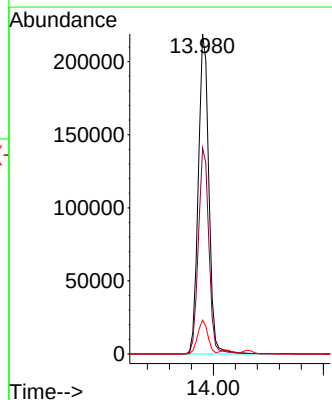
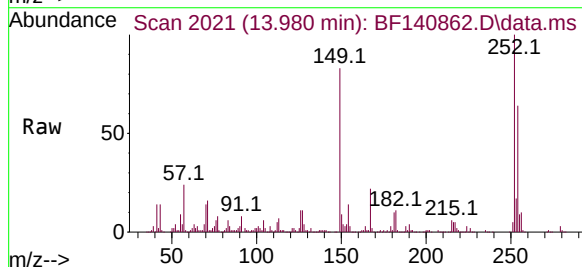
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

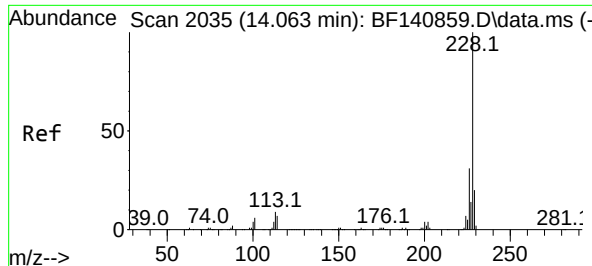
Tgt Ion:228 Resp: 1001035
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 74.661 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:252 Resp: 291736
Ion Ratio Lower Upper
252 100
254 64.4 52.3 78.5
126 10.6 8.4 12.6





#83

Chrysene

Concen: 74.840 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

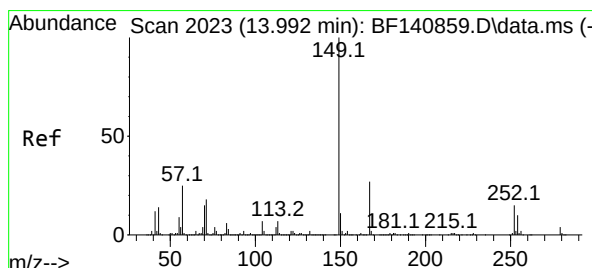
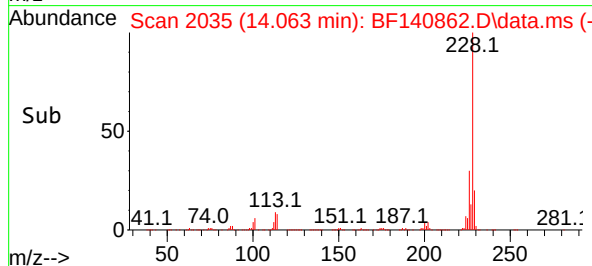
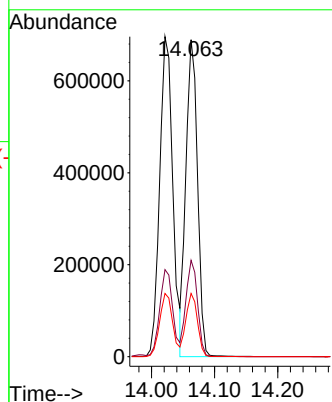
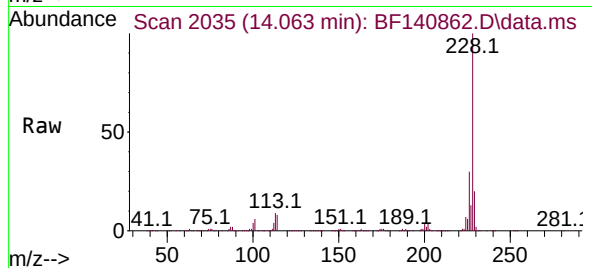
Tgt Ion:228 Resp: 881398

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.032 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

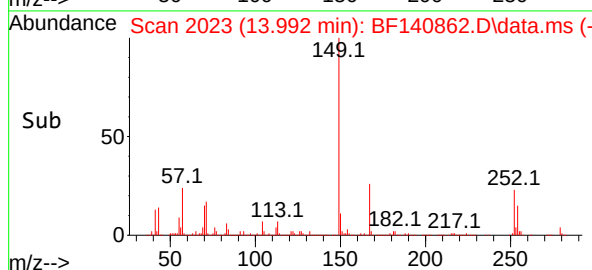
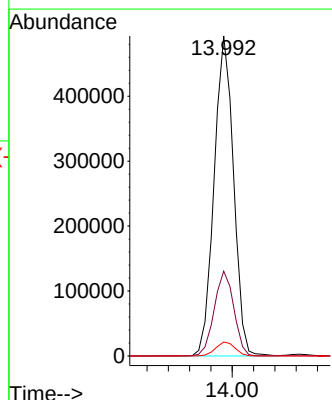
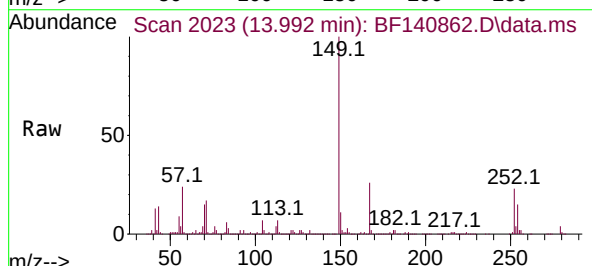
Tgt Ion:149 Resp: 624744

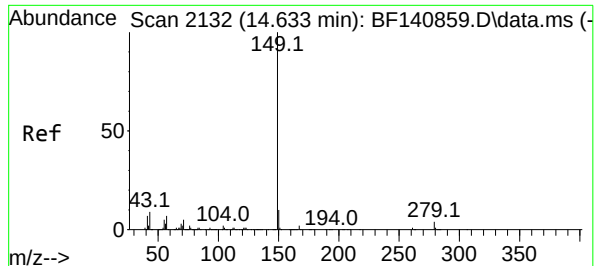
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 4.3 3.5 5.3

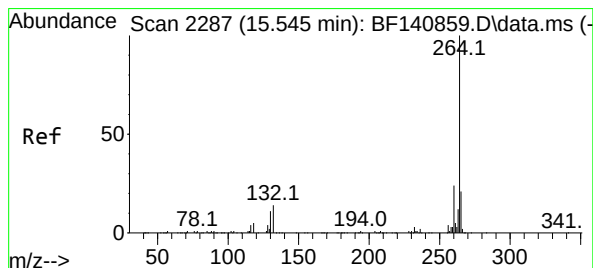
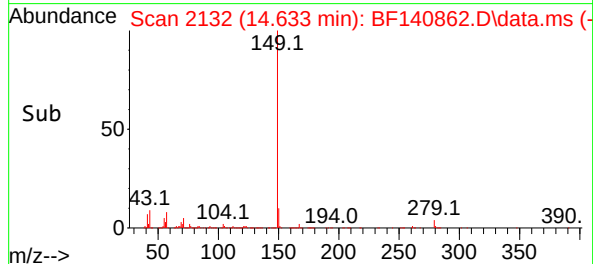
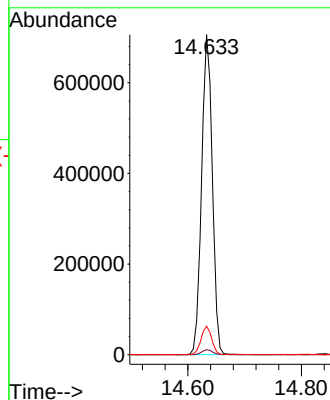
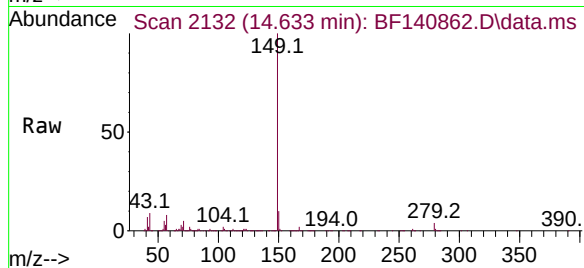




#85
Di-n-octyl phthalate
Concen: 79.125 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

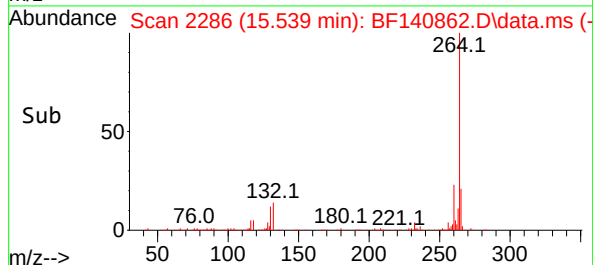
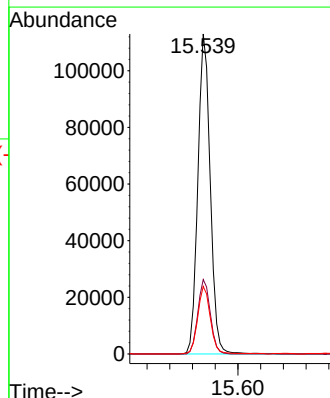
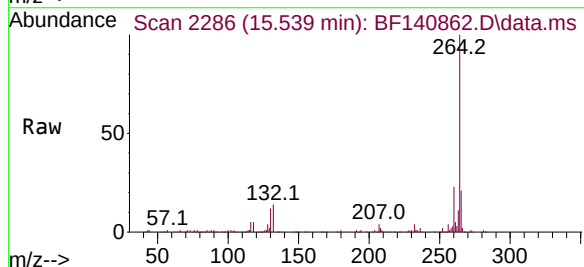
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

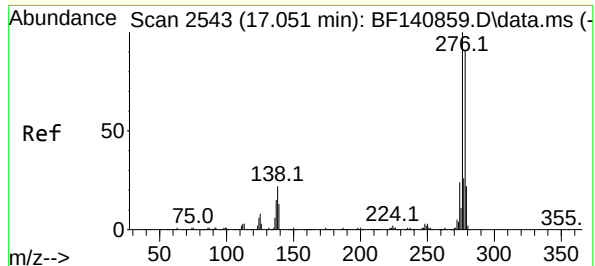
Tgt Ion:149 Resp: 922920
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:264 Resp: 171569
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.1 17.0 25.4

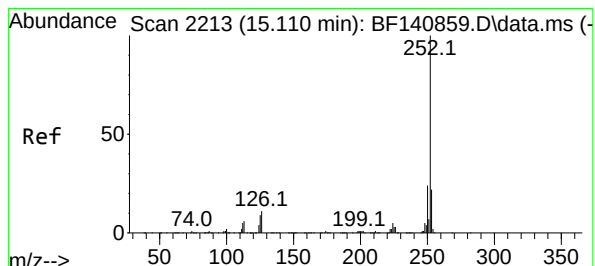
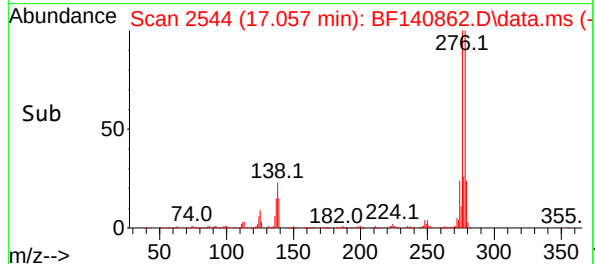
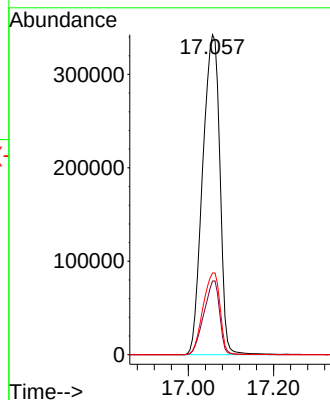
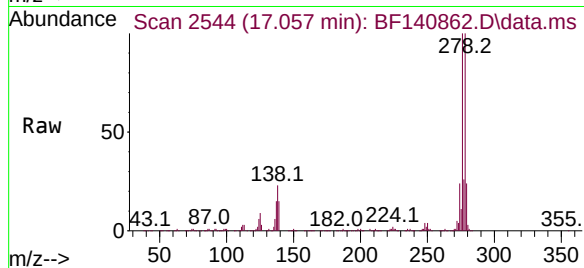




#87
Indeno(1,2,3-cd)pyrene
Concen: 89.400 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

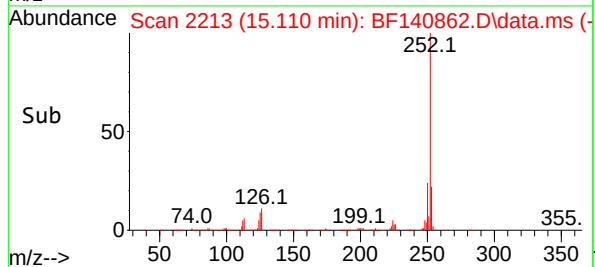
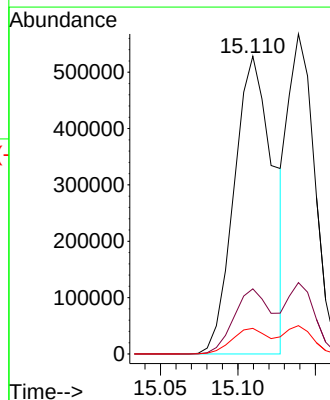
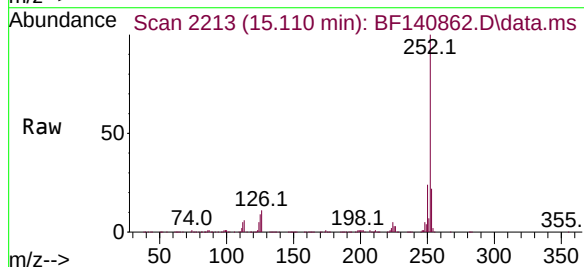
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

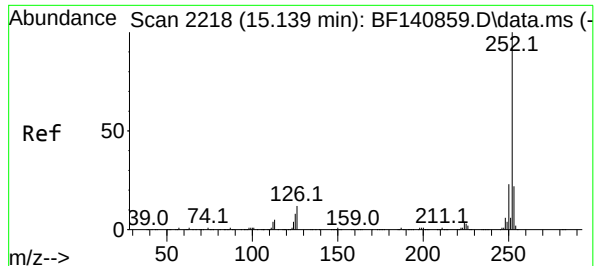
Tgt Ion:276 Resp: 957167
Ion Ratio Lower Upper
276 100
138 21.2 16.9 25.3
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 77.753 ng
RT: 15.110 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Tgt Ion:252 Resp: 925999
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.6 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 66.881 ng

RT: 15.139 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

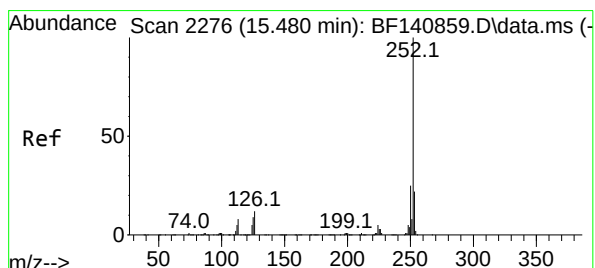
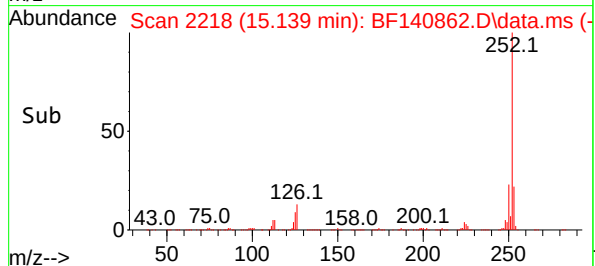
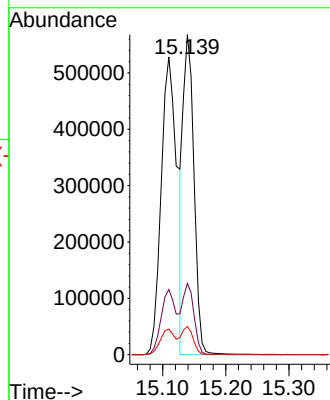
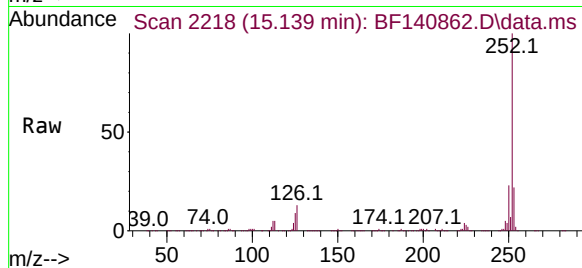
Tgt Ion:252 Resp: 683254

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 76.662 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

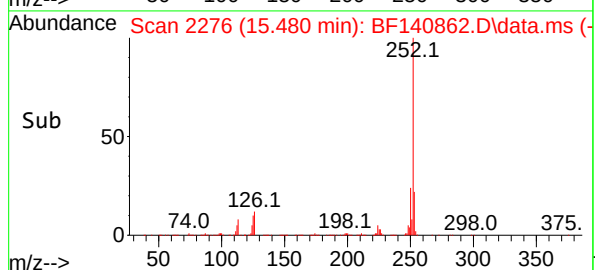
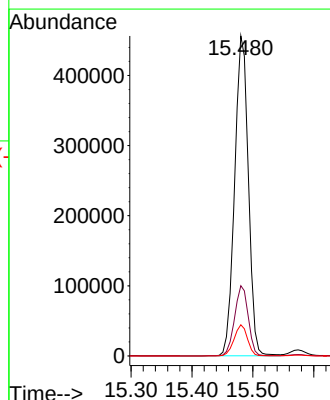
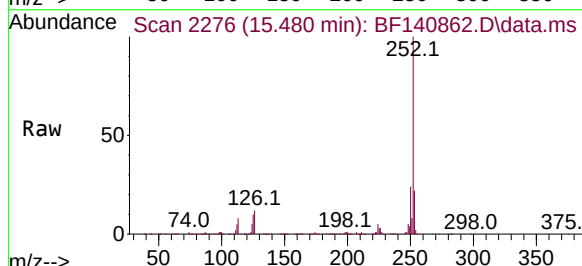
Tgt Ion:252 Resp: 714906

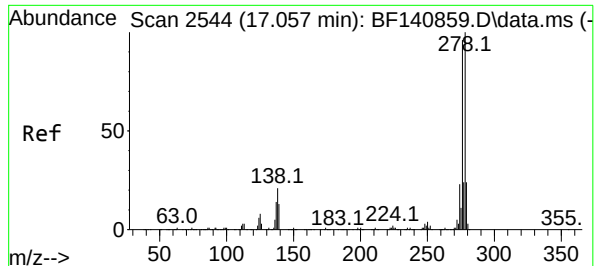
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 89.311 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

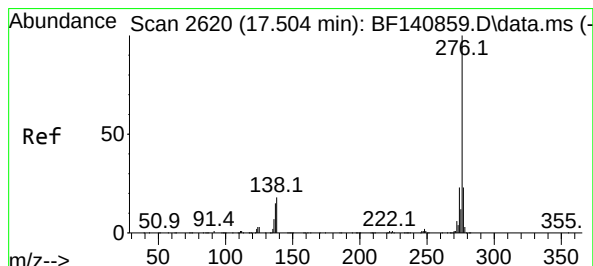
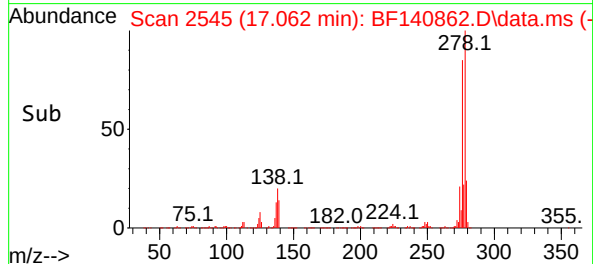
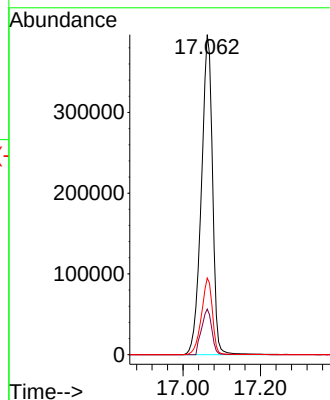
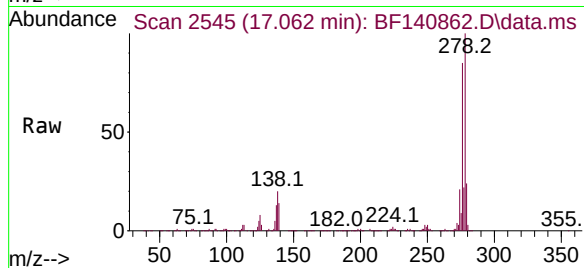
Tgt Ion:278 Resp: 792175

Ion Ratio Lower Upper

278 100

139 14.3 10.6 16.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 93.101 ng

RT: 17.509 min Scan# 2621

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

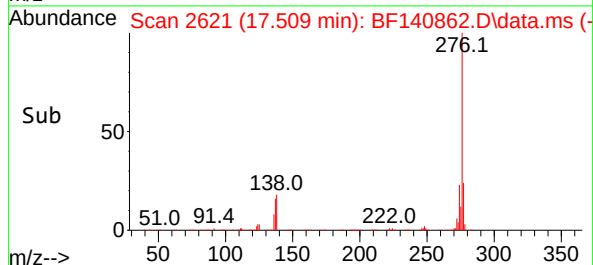
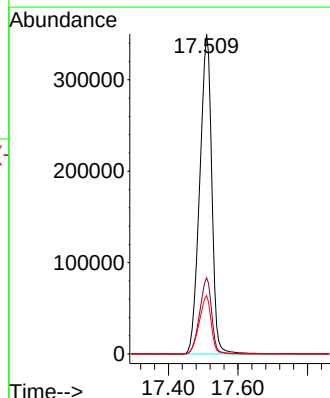
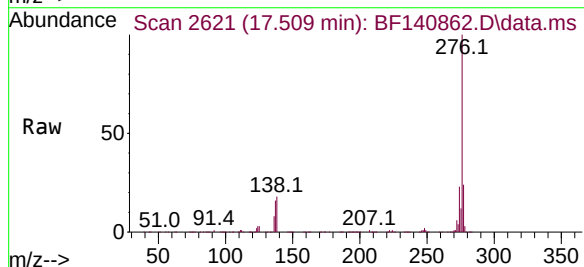
Tgt Ion:276 Resp: 840468

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.2 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

Quant Time: Dec 16 17:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88035	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	361248	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	202013	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	381984	20.000	ng	0.00
76) Chrysene-d12	14.021	240	236413	20.000	ng	-0.01
86) Perylene-d12	15.504	264	217277	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	407420	76.184	ng	0.00
7) Phenol-d6	6.498	99	539951	76.229	ng	0.00
23) Nitrobenzene-d5	7.416	82	544482	75.408	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	161969	67.791	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1108356	75.432	ng	0.00
79) Terphenyl-d14	12.957	244	1126061	75.108	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	74540	32.360	ng	99
3) Pyridine	3.387	79	186082	34.882	ng	99
4) n-Nitrosodimethylamine	3.340	42	91392	33.984	ng	99
6) Aniline	6.516	93	240098	39.644	ng	96
8) 2-Chlorophenol	6.640	128	226045	38.761	ng	95
9) Benzaldehyde	6.404	77	158915	40.491	ng	99
10) Phenol	6.510	94	283984	38.683	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	216280	39.504	ng	100
12) 1,3-Dichlorobenzene	6.787	146	259904	39.111	ng	99
13) 1,4-Dichlorobenzene	6.863	146	268094	39.745	ng	98
14) 1,2-Dichlorobenzene	7.022	146	251561	39.527	ng	98
15) Benzyl Alcohol	6.998	79	201477	39.782	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	264233	40.970	ng	97
17) 2-Methylphenol	7.116	107	187119	40.189	ng	99
18) Hexachloroethane	7.357	117	99360	39.568	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	169362	39.861	ng	100
20) 3+4-Methylphenols	7.269	107	246929	39.995	ng	98
22) Acetophenone	7.263	105	330166	36.536	ng	99
24) Nitrobenzene	7.434	77	279878	37.836	ng	99
25) Isophorone	7.675	82	462528	38.231	ng	100
26) 2-Nitrophenol	7.751	139	137663	40.407	ng	99
27) 2,4-Dimethylphenol	7.787	122	161001	40.466	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	304778	40.334	ng	98
29) 2,4-Dichlorophenol	7.998	162	217841	39.658	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	241375	38.332	ng	100
31) Naphthalene	8.151	128	763453	38.473	ng	99
32) Benzoic acid	7.939	122	159806	42.351	ng	99
33) 4-Chloroaniline	8.204	127	248138	37.650	ng	99
34) Hexachlorobutadiene	8.263	225	154475	36.462	ng	98
35) Caprolactam	8.587	113	59056	36.113	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	219338	35.477	ng	100
37) 2-Methylnaphthalene	8.839	142	490114	37.337	ng	99
38) 1-Methylnaphthalene	8.939	142	479930	36.969	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	240096	38.668	ng	100
41) Hexachlorocyclopentadiene	8.986	237	53352	37.672	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	149871	39.419	ng	98

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 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

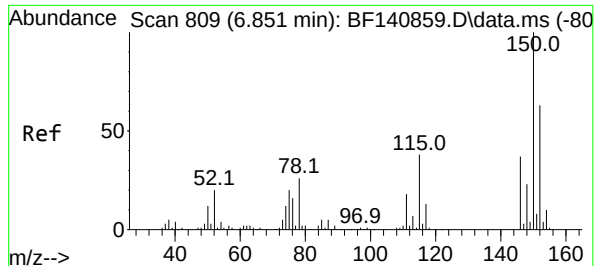
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 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	166716	39.895	ng	98
46) 1,1'-Biphenyl	9.304	154	617038	38.412	ng	99
47) 2-Chloronaphthalene	9.334	162	448814	36.522	ng	99
48) 2-Nitroaniline	9.434	65	140999	37.990	ng	99
49) Acenaphthylene	9.745	152	679962	37.651	ng	100
50) Dimethylphthalate	9.604	163	522757	36.704	ng	100
51) 2,6-Dinitrotoluene	9.675	165	122408	37.595	ng	97
52) Acenaphthene	9.916	154	441540	38.275	ng	99
53) 3-Nitroaniline	9.851	138	128348	39.722	ng	98
54) 2,4-Dinitrophenol	9.969	184	50562	35.766	ng	96
55) Dibenzofuran	10.092	168	663435	37.113	ng	100
56) 4-Nitrophenol	10.033	139	63289	38.834	ng	95
57) 2,4-Dinitrotoluene	10.086	165	163115	38.076	ng	99
58) Fluorene	10.433	166	551110	37.370	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144396	42.405	ng	98
60) Diethylphthalate	10.304	149	560121	37.926	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	277040	37.398	ng	98
62) 4-Nitroaniline	10.469	138	131388	38.912	ng	98
63) Azobenzene	10.581	77	536731	38.657	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	90125	41.637	ng	97
66) n-Nitrosodiphenylamine	10.545	169	466366	39.710	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	155245	36.329	ng	99
68) Hexachlorobenzene	10.980	284	179906	37.132	ng	96
69) Atrazine	11.069	200	120830	36.838	ng	98
70) Pentachlorophenol	11.186	266	68516	38.679	ng	97
71) Phenanthrene	11.398	178	747974	38.078	ng	99
72) Anthracene	11.451	178	729685	37.720	ng	99
73) Carbazole	11.610	167	613711	32.390	ng	99
74) Di-n-butylphthalate	11.927	149	751217	33.782	ng	100
75) Fluoranthene	12.592	202	772859	34.163	ng	99
77) Benzidine	12.716	184	176802	36.642	ng	99
78) Pyrene	12.822	202	792874	37.714	ng	99
80) Butylbenzylphthalate	13.427	149	307036	39.692	ng	99
81) Benzo(a)anthracene	14.010	228	679017	40.525	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	194418	38.459	ng	100
83) Chrysene	14.051	228	574336	37.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	408768	40.982	ng	99
85) Di-n-octyl phthalate	14.598	149	617289	40.907	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	539135	39.762	ng	99
88) Benzo(b)fluoranthene	15.074	252	609480	40.410	ng	100
89) Benzo(k)fluoranthene	15.098	252	525272	40.601	ng	99
90) Benzo(a)pyrene	15.439	252	470896	39.873	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	451973	40.237	ng	98
92) Benzo(g,h,i)perylene	17.457	276	418030	36.565	ng	100

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

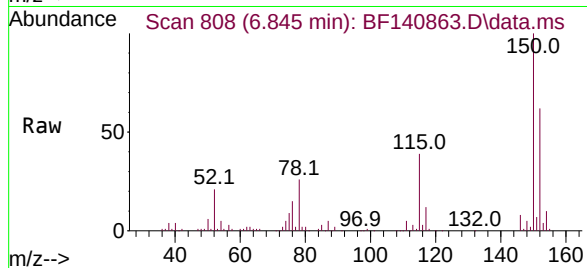
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BNA_F
ClientSampleId :
ICVBF121624

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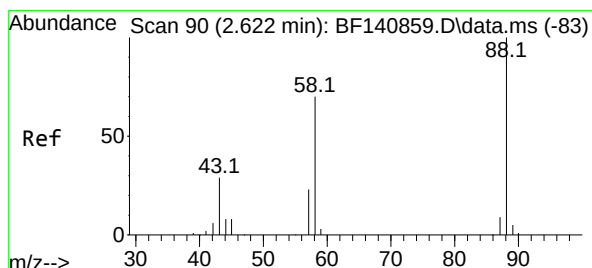
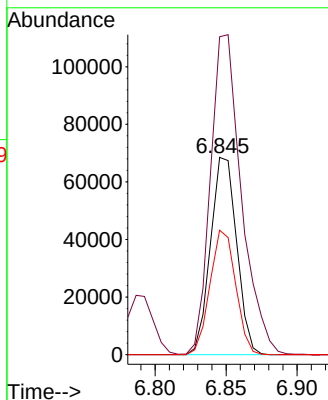
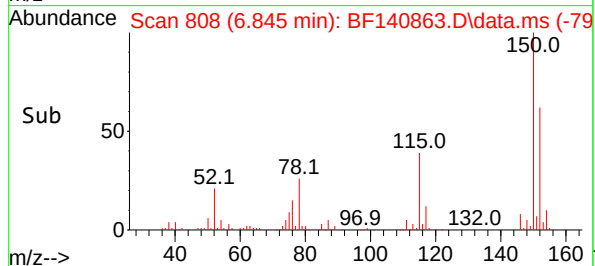


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

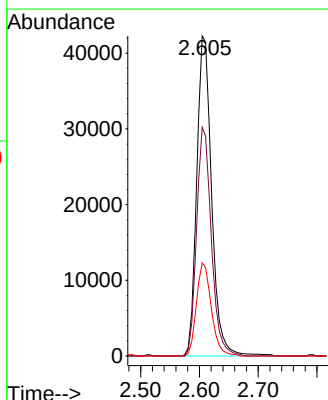
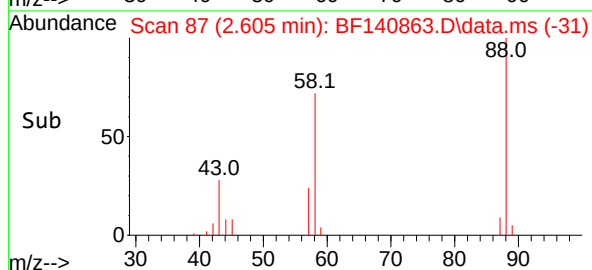
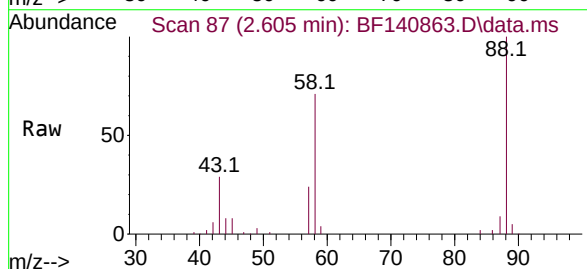


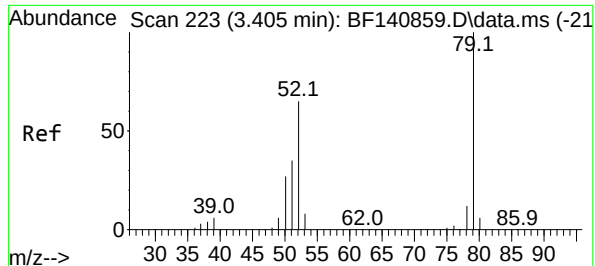
Tgt Ion:152 Resp: 88035
Ion Ratio Lower Upper
152 100
150 161.2 127.9 191.9
115 63.1 48.0 72.0



#2
1,4-Dioxane
Concen: 32.360 ng
RT: 2.605 min Scan# 87
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 88 Resp: 74540
Ion Ratio Lower Upper
88 100
58 70.6 55.8 83.8
43 29.0 22.7 34.1

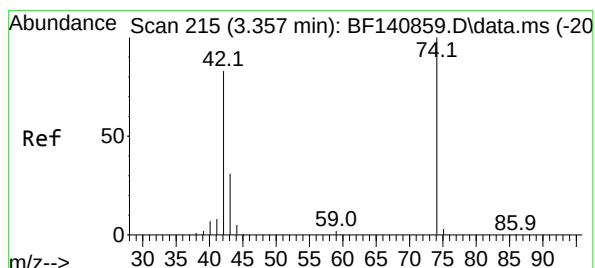
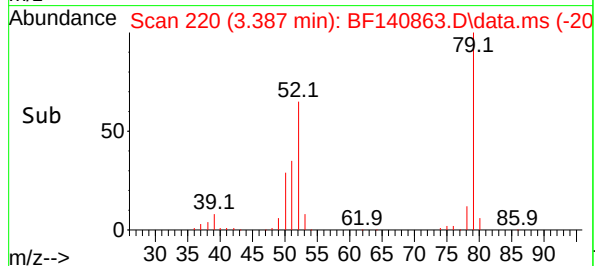
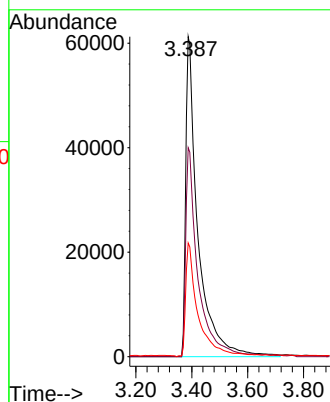
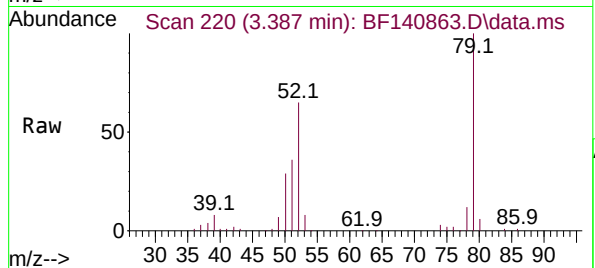




#3
Pyridine
Concen: 34.882 ng
RT: 3.387 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

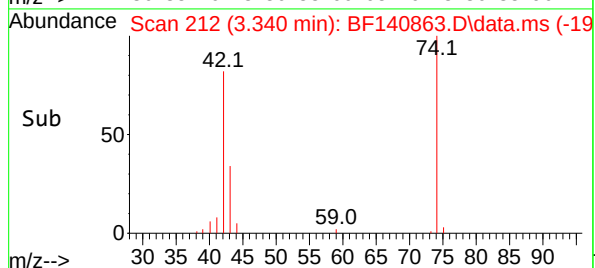
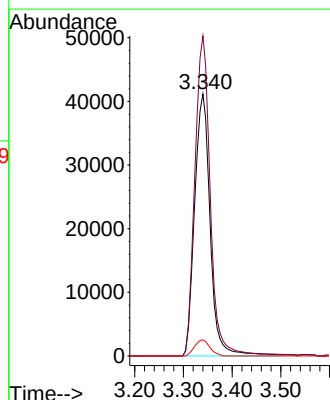
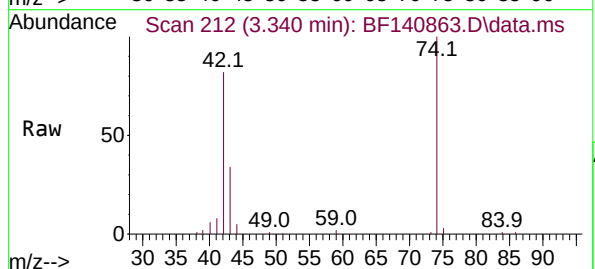
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

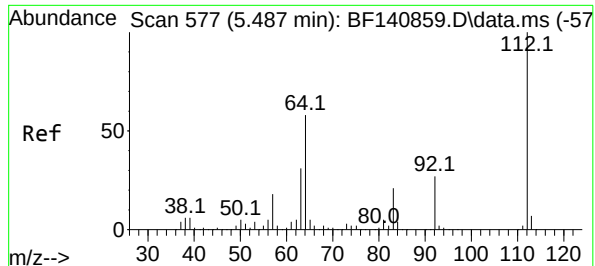
Tgt Ion: 79 Resp: 186082
Ion Ratio Lower Upper
79 100
52 65.3 51.7 77.5
51 35.5 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 33.984 ng
RT: 3.340 min Scan# 212
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 42 Resp: 91392
Ion Ratio Lower Upper
42 100
74 122.2 96.9 145.3
44 6.2 4.4 6.6

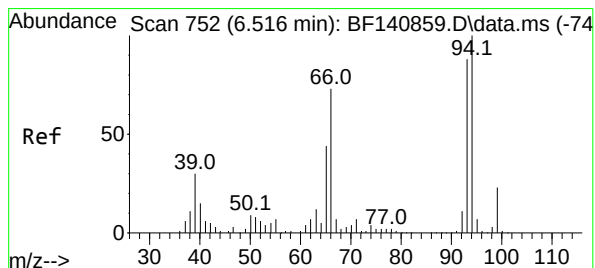
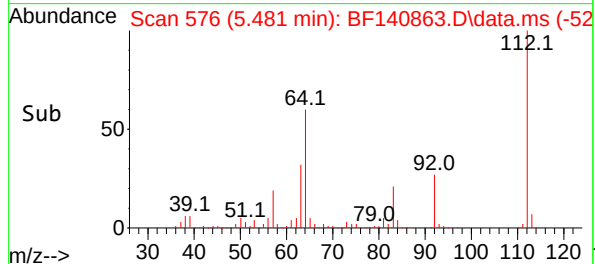
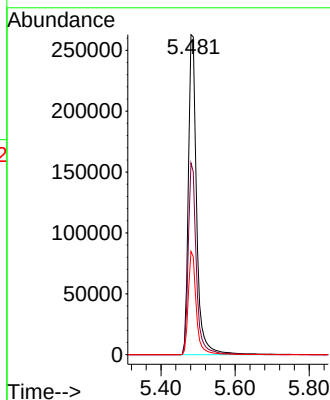
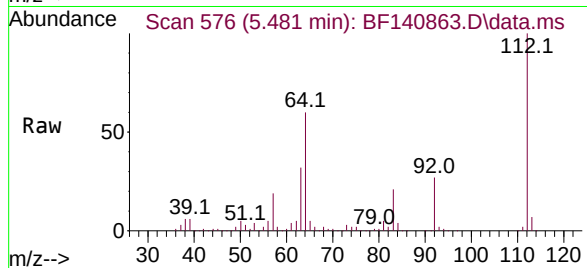




#5
2-Fluorophenol
Concen: 76.184 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

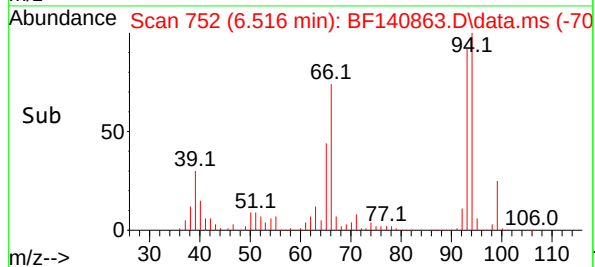
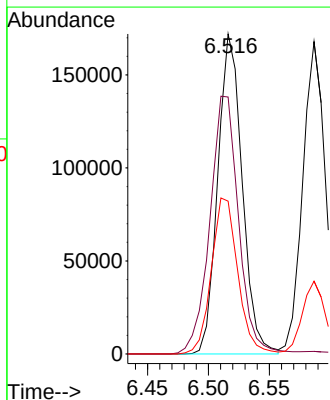
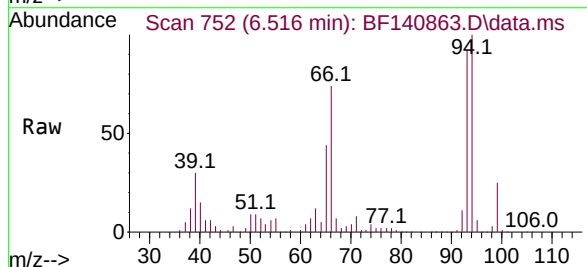
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

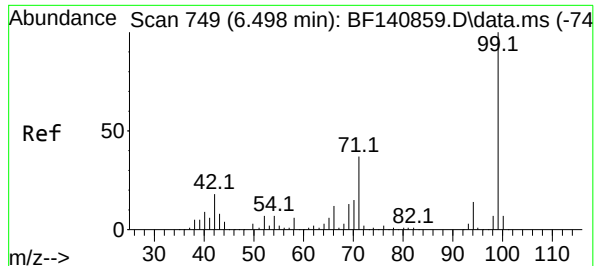
Tgt Ion:112 Resp: 407420
Ion Ratio Lower Upper
112 100
64 59.9 46.1 69.1
63 32.2 24.9 37.3



#6
Aniline
Concen: 39.644 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 93 Resp: 240098
Ion Ratio Lower Upper
93 100
66 80.3 67.0 100.4
65 47.8 40.4 60.6





#7

Phenol-d6

Concen: 76.229 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

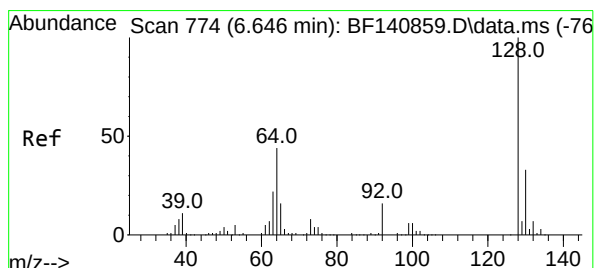
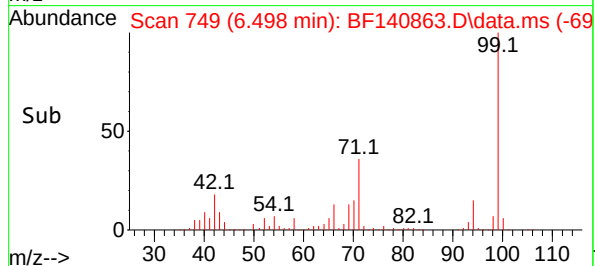
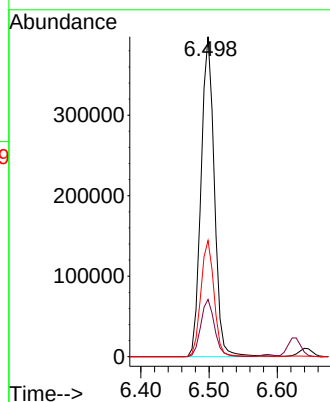
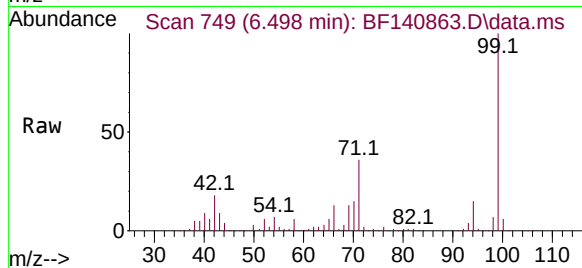
Tgt Ion: 99 Resp: 539951

Ion Ratio Lower Upper

99 100

42 17.9 14.3 21.5

71 36.3 29.9 44.9



#8

2-Chlorophenol

Concen: 38.761 ng

RT: 6.640 min Scan# 773

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

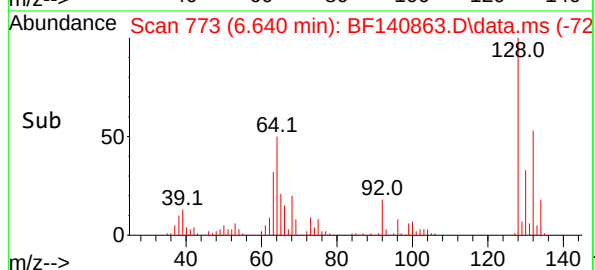
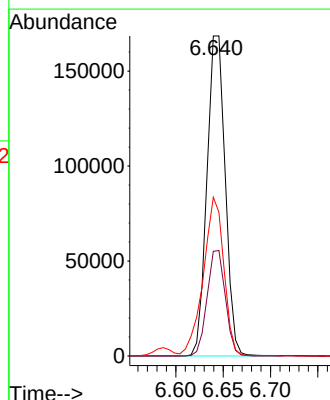
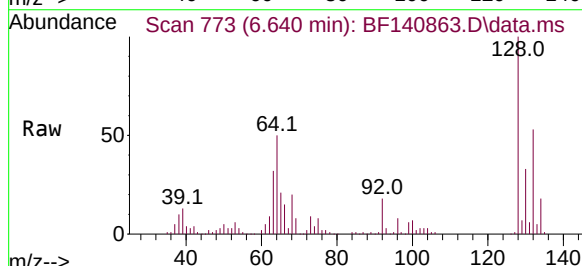
Tgt Ion: 128 Resp: 226045

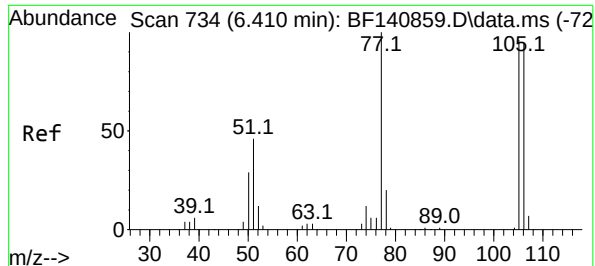
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 49.6 24.3 64.3





#9

Benzaldehyde

Concen: 40.491 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

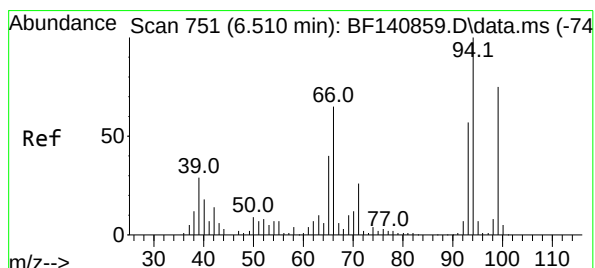
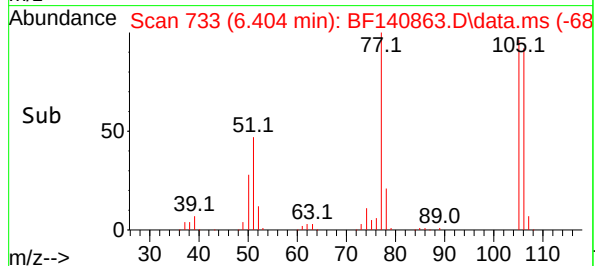
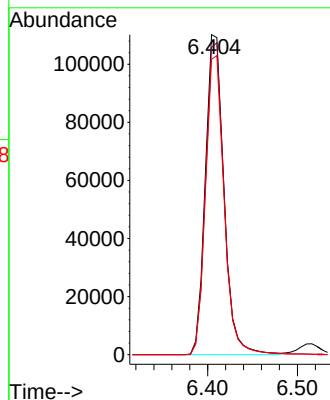
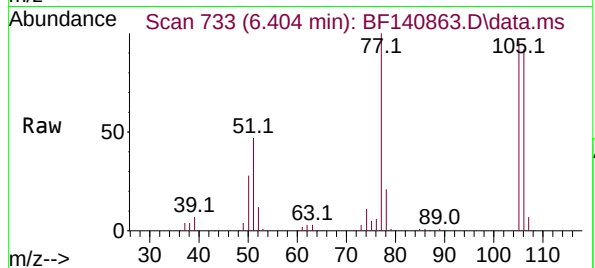
Tgt Ion: 77 Resp: 158915

Ion Ratio Lower Upper

77 100

105 96.0 75.8 115.8

106 92.4 74.1 114.1



#10

Phenol

Concen: 38.683 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

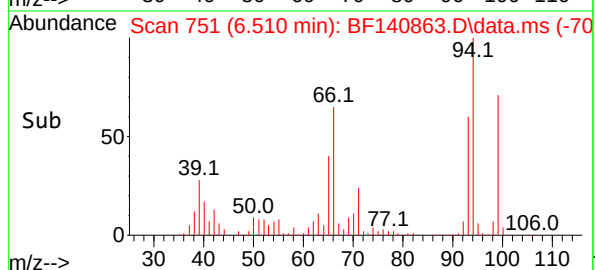
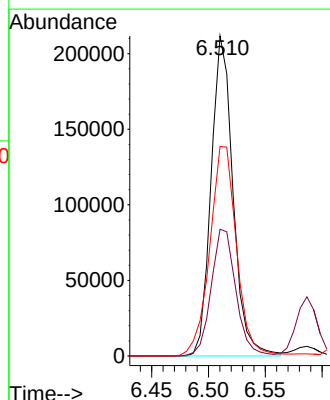
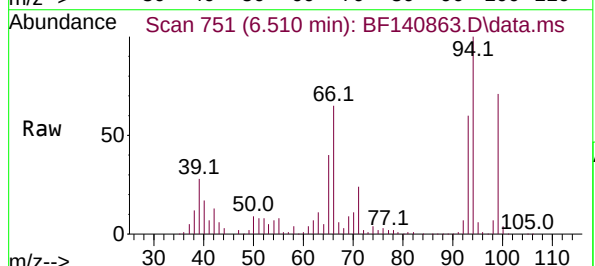
Tgt Ion: 94 Resp: 283984

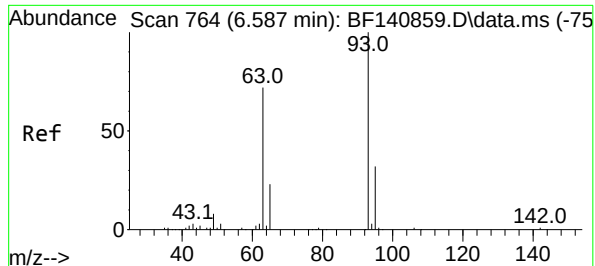
Ion Ratio Lower Upper

94 100

65 39.6 19.9 59.9

66 65.4 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 39.504 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

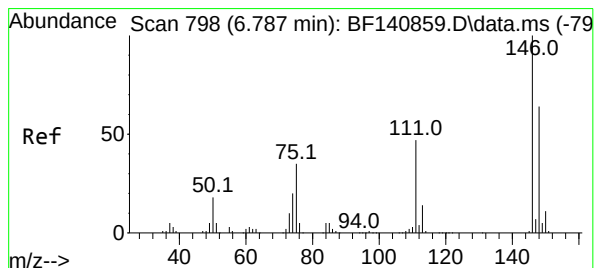
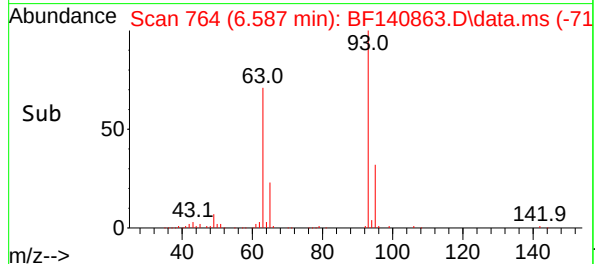
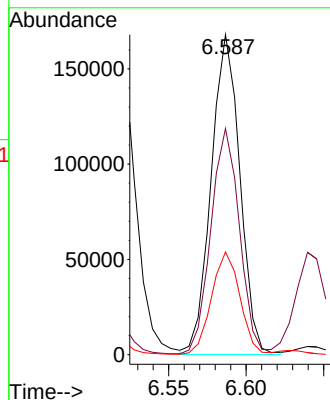
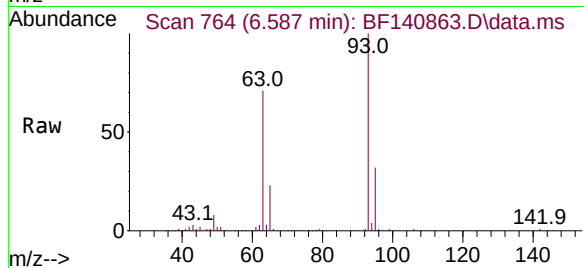
BNA_F

ClientSampleId :

ICVBF121624

Tgt Ion: 93 Resp: 216280

Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.0	91.0
95	32.1	12.0	52.0



#12

1,3-Dichlorobenzene

Concen: 39.111 ng

RT: 6.787 min Scan# 798

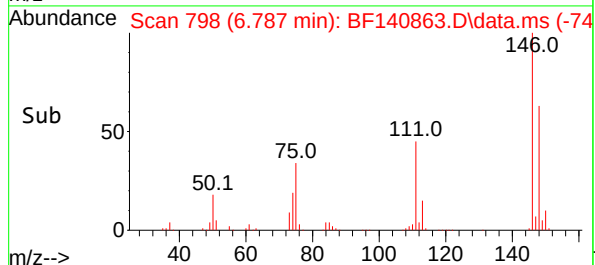
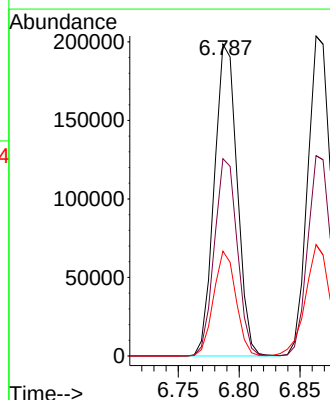
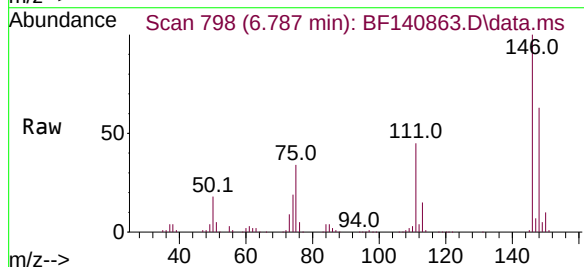
Delta R.T. -0.000 min

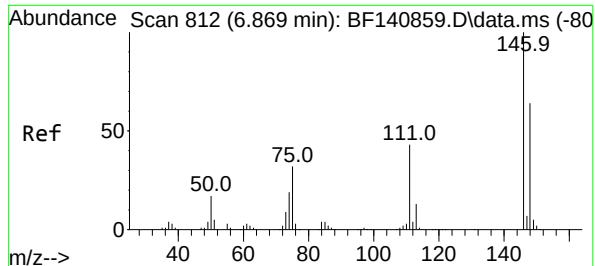
Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion: 146 Resp: 259904

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
75	33.6	28.1	42.1





#13

1,4-Dichlorobenzene

Concen: 39.745 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

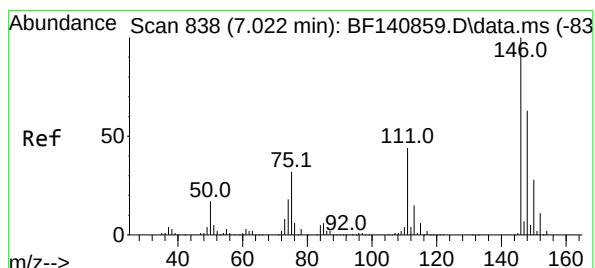
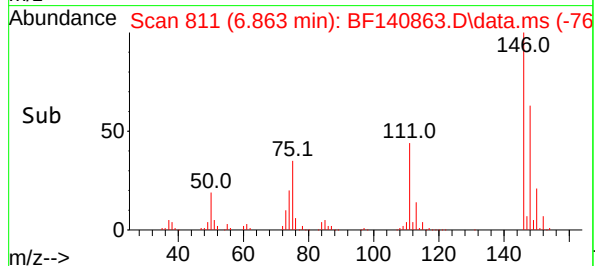
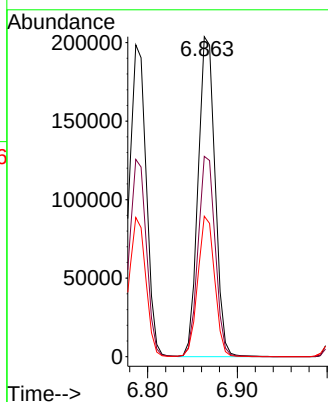
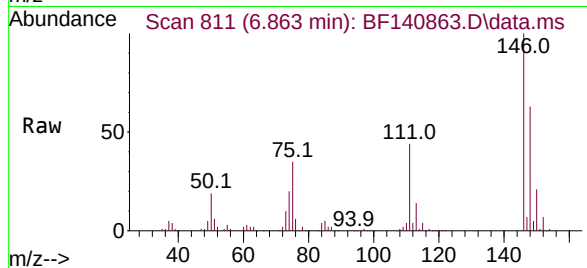
Tgt Ion:146 Resp: 268094

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

111 43.9 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.527 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

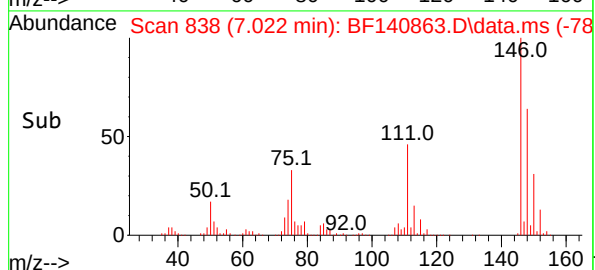
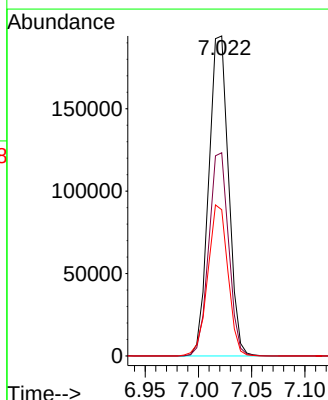
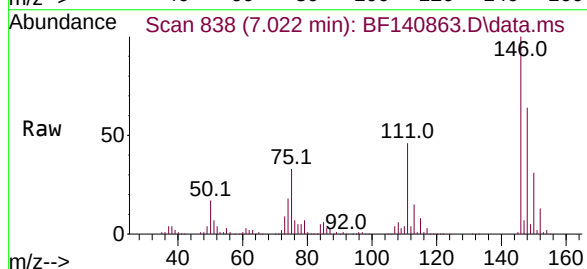
Tgt Ion:146 Resp: 251561

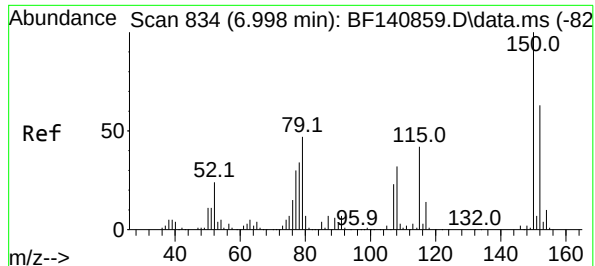
Ion Ratio Lower Upper

146 100

148 63.5 50.0 75.0

111 45.7 35.6 53.4





#15

Benzyl Alcohol

Concen: 39.782 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

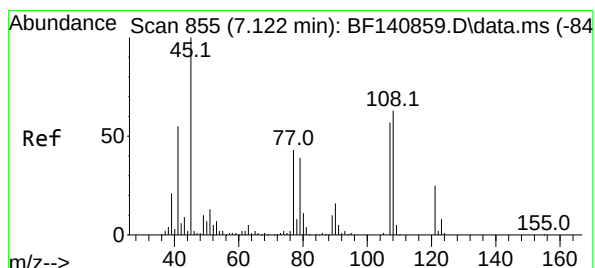
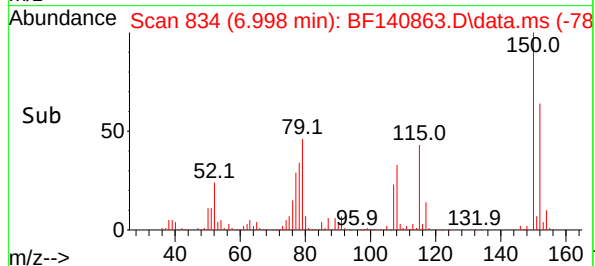
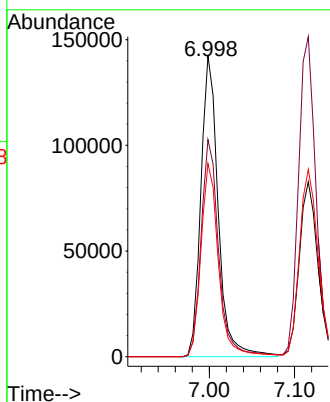
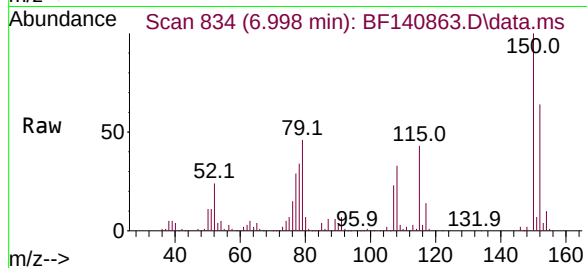
Tgt Ion: 79 Resp: 201477

Ion Ratio Lower Upper

79 100

108 72.1 55.1 82.7

77 64.2 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.970 ng

RT: 7.122 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

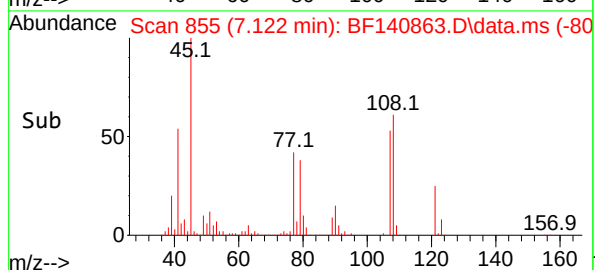
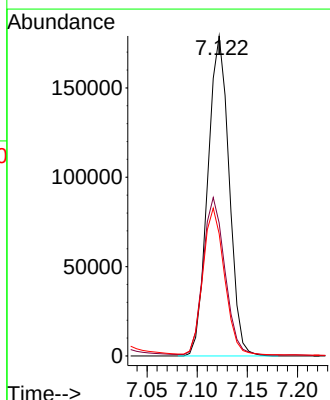
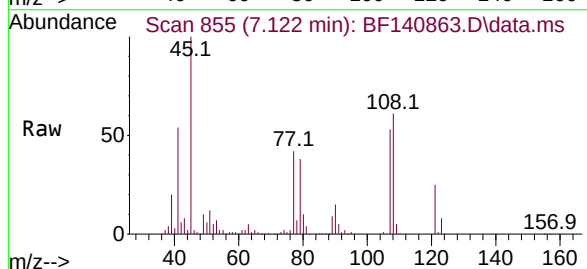
Tgt Ion: 45 Resp: 264233

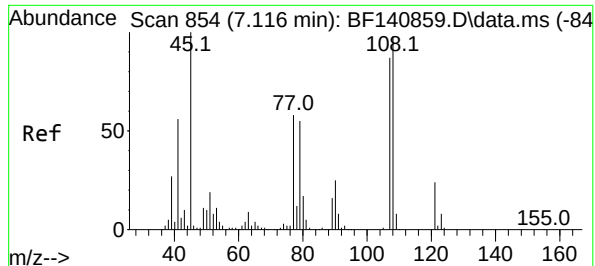
Ion Ratio Lower Upper

45 100

77 41.6 23.3 63.3

79 38.2 20.0 60.0

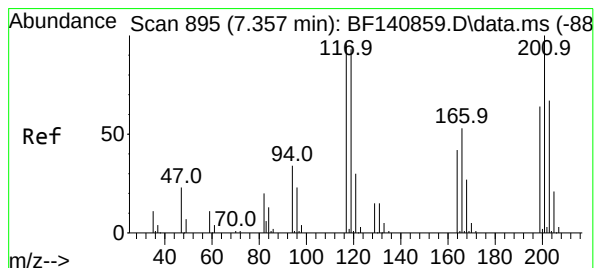
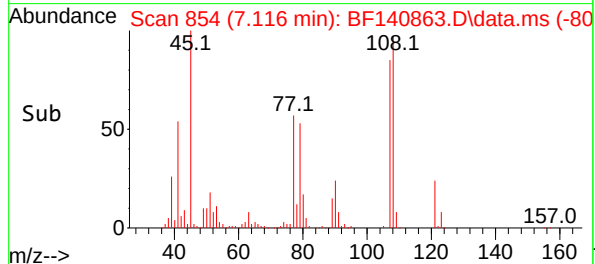
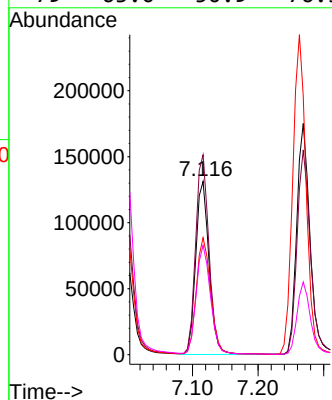
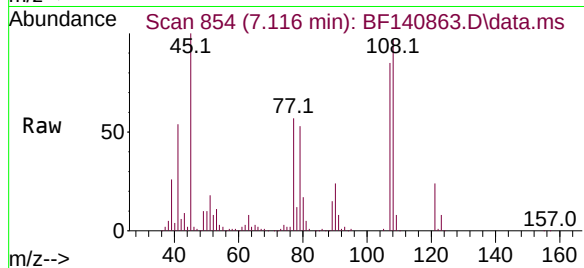




#17
2-Methylphenol
Concen: 40.189 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

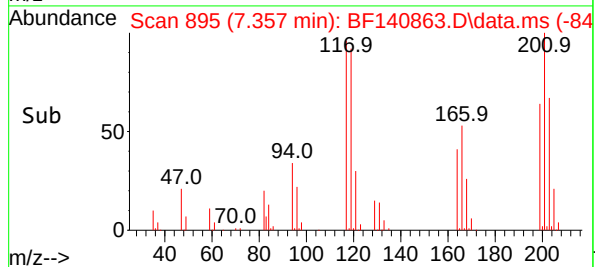
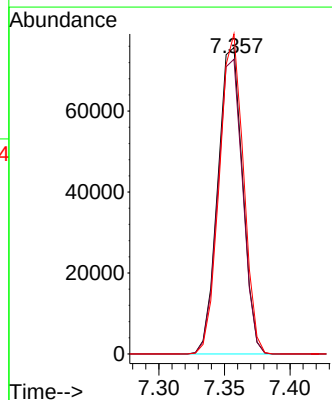
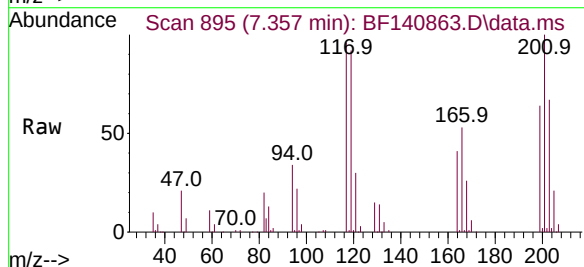
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

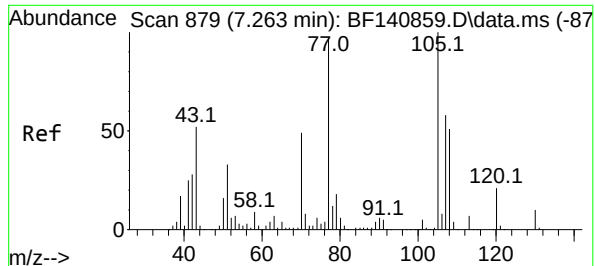
Tgt Ion:107 Resp: 187119
Ion Ratio Lower Upper
107 100
108 115.3 90.2 135.4
77 67.5 53.8 80.6
79 63.0 50.9 76.3



#18
Hexachloroethane
Concen: 39.568 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:117 Resp: 99360
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 104.5 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.861 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140863.D

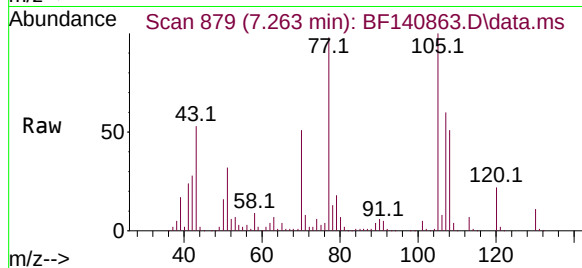
Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

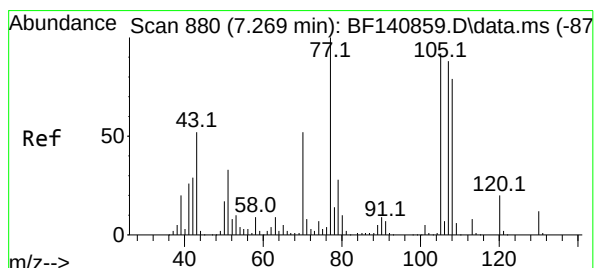
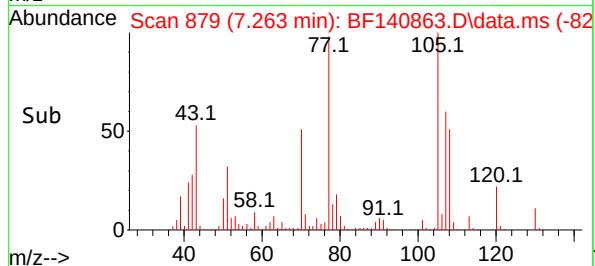
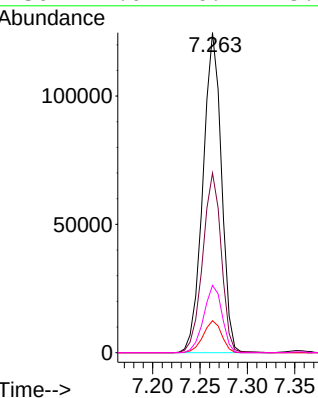
ClientSampleId :

ICVBF121624



Tgt Ion: 70 Resp: 169362

Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.3	67.9
101	10.0	8.0	12.0
130	21.0	16.9	25.3



#20

3+4-Methylphenols

Concen: 39.995 ng

RT: 7.269 min Scan# 880

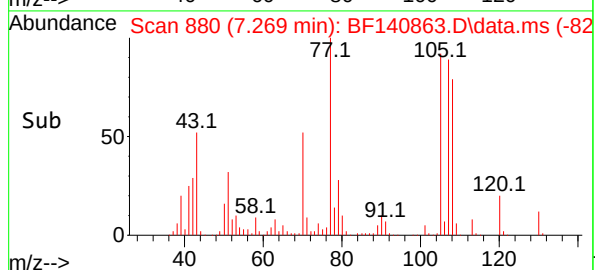
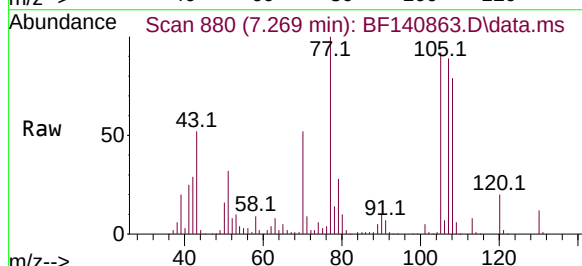
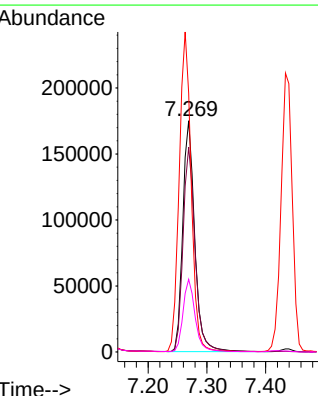
Delta R.T. -0.000 min

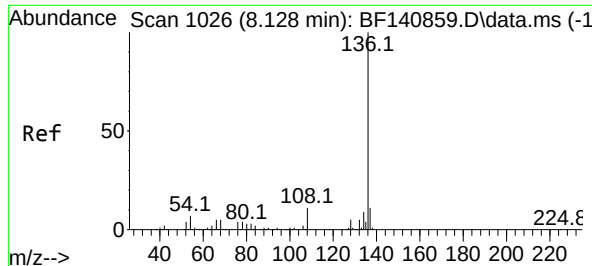
Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion: 107 Resp: 246929

Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.1	110.1
77	111.9	94.4	134.4
79	31.4	12.2	52.2



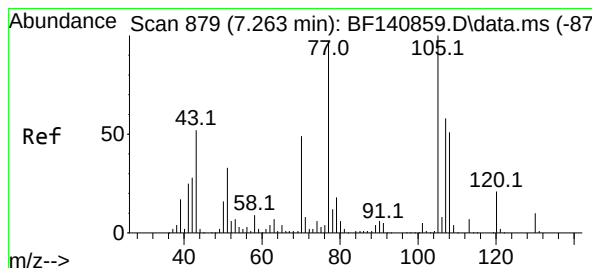
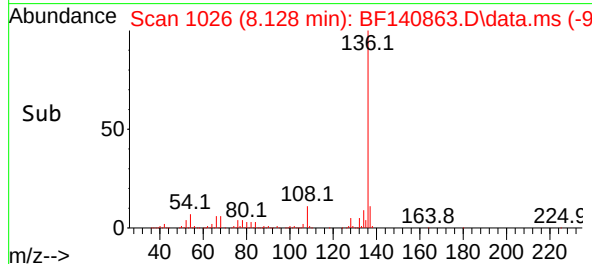
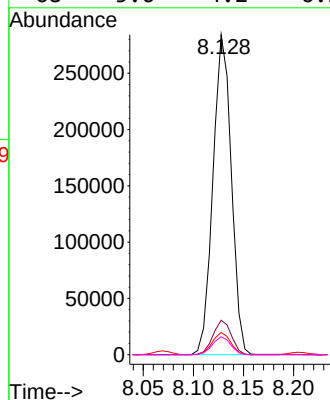
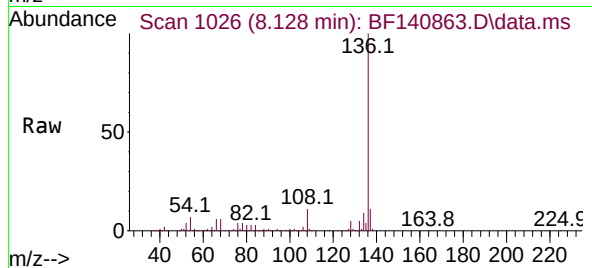


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Tgt Ion:136 Resp: 361248

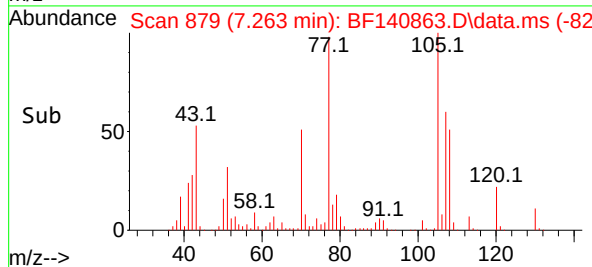
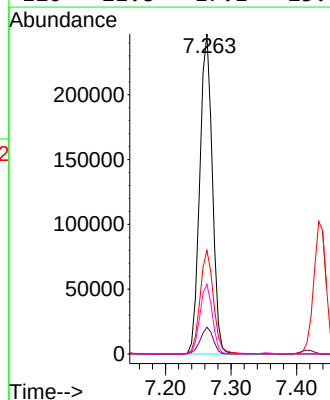
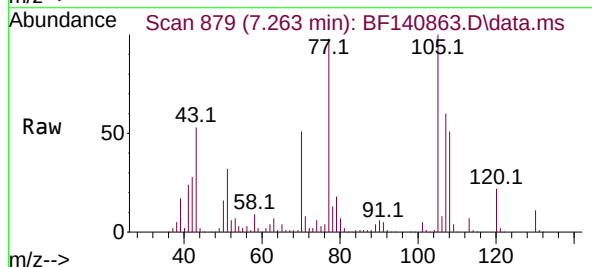
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.0	5.6	8.4
68	5.6	4.2	6.2

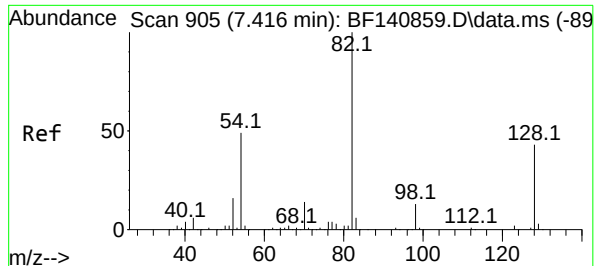


#22
Acetophenone
Concen: 36.536 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:105 Resp: 330166

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.2	9.4
51	32.3	26.3	39.5
120	21.8	17.1	25.7





#23

Nitrobenzene-d5

Concen: 75.408 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

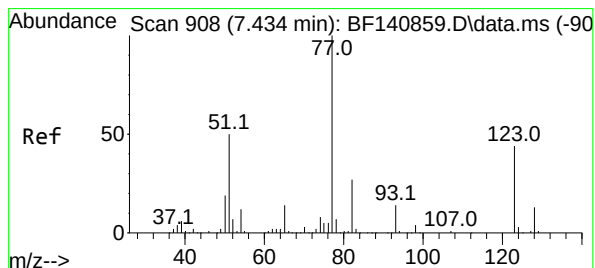
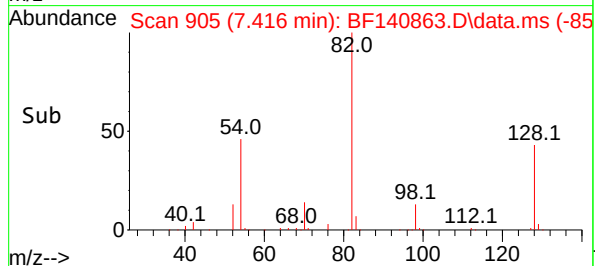
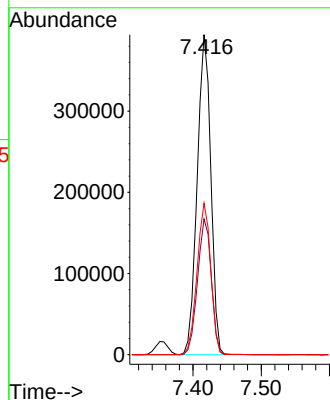
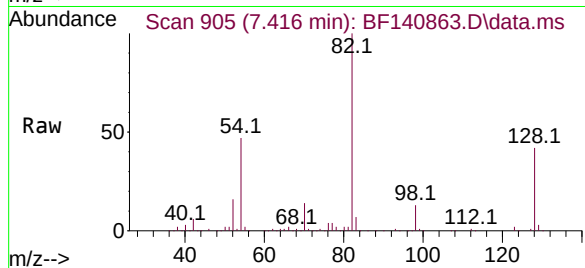
Tgt Ion: 82 Resp: 544482

Ion Ratio Lower Upper

82 100

128 42.4 34.4 51.6

54 47.4 38.8 58.2



#24

Nitrobenzene

Concen: 37.836 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

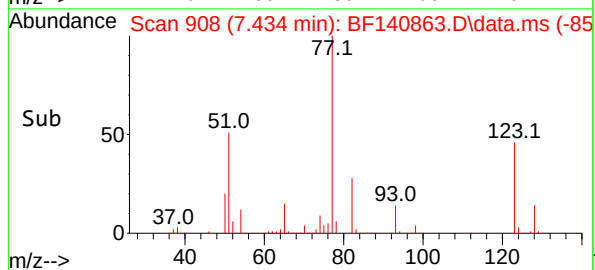
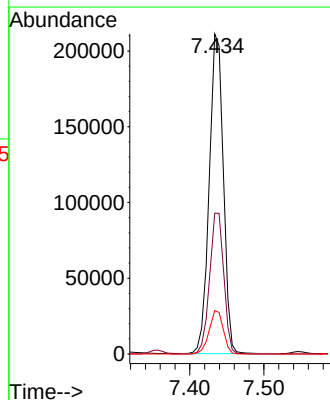
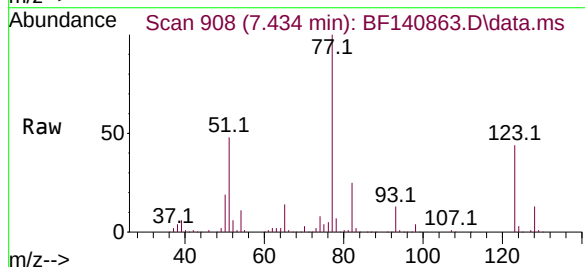
Tgt Ion: 77 Resp: 279878

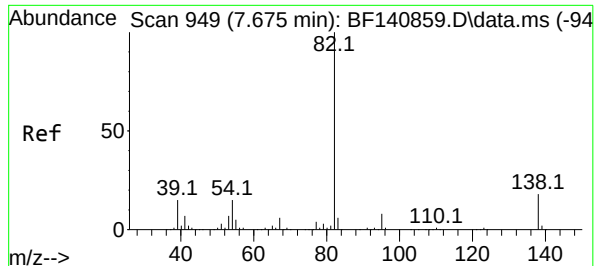
Ion Ratio Lower Upper

77 100

123 44.0 35.0 52.4

65 13.6 11.4 17.0





#25

Isophorone

Concen: 38.231 ng

RT: 7.675 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

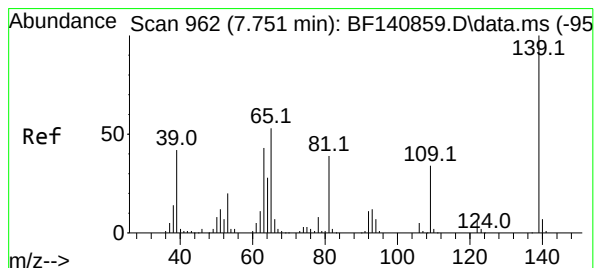
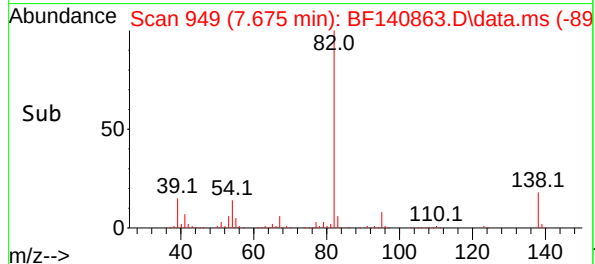
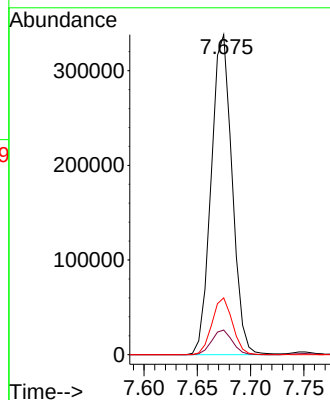
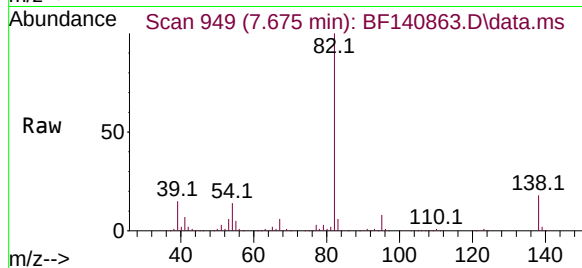
Tgt Ion: 82 Resp: 462528

Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

138 17.8 14.1 21.1



#26

2-Nitrophenol

Concen: 40.407 ng

RT: 7.751 min Scan# 962

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

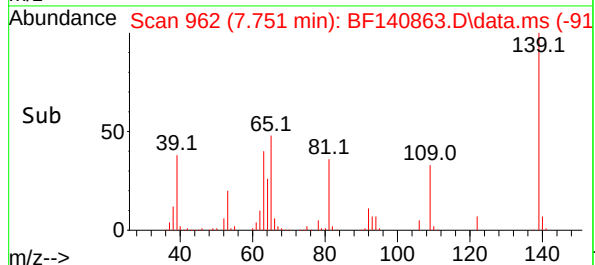
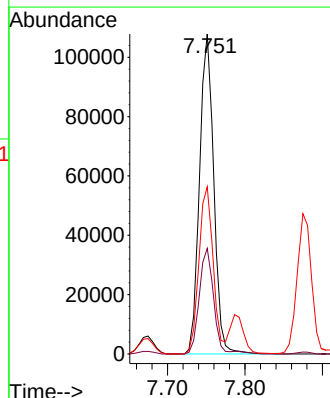
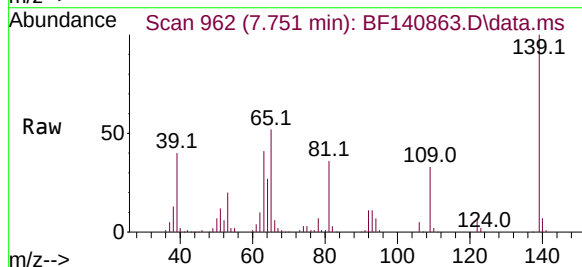
Tgt Ion:139 Resp: 137663

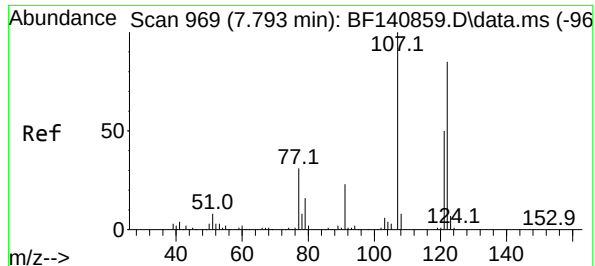
Ion Ratio Lower Upper

139 100

109 33.0 26.9 40.3

65 52.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.466 ng

RT: 7.787 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

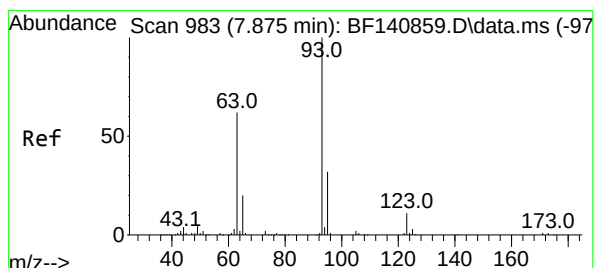
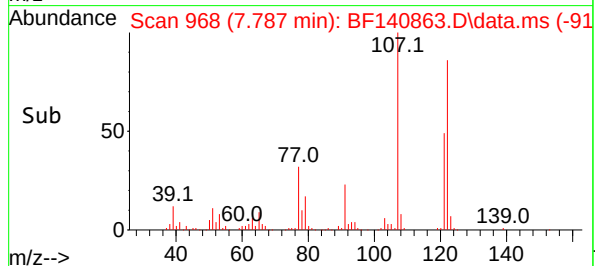
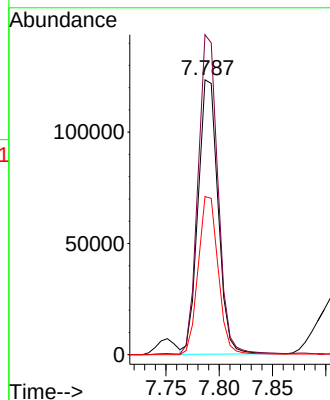
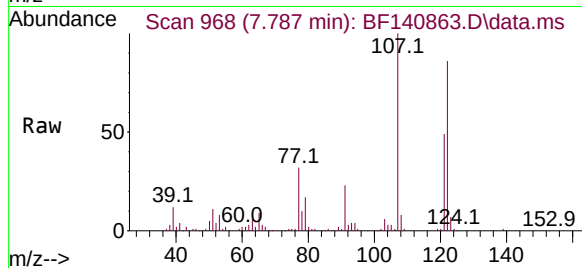
Tgt Ion:122 Resp: 161001

Ion Ratio Lower Upper

122 100

107 116.4 92.6 139.0

121 57.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.334 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

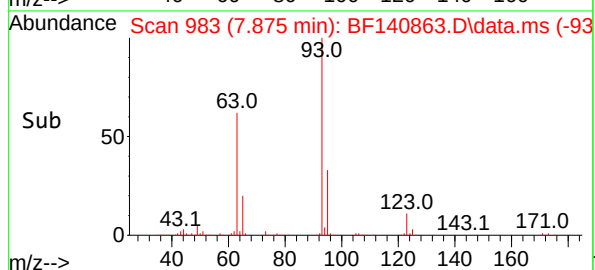
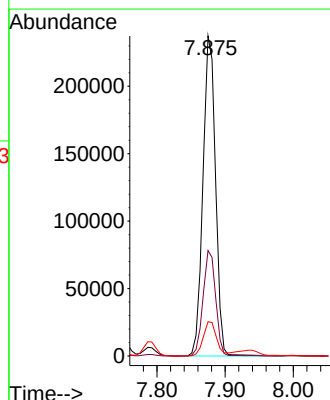
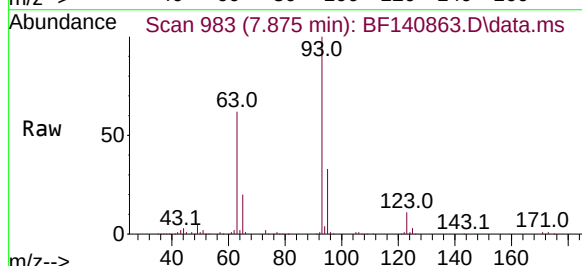
Tgt Ion: 93 Resp: 304778

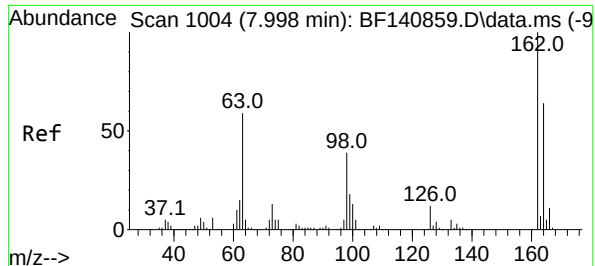
Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

123 10.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.658 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

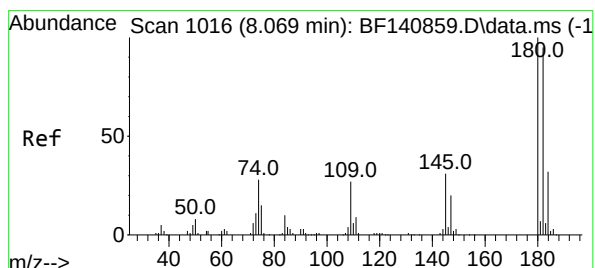
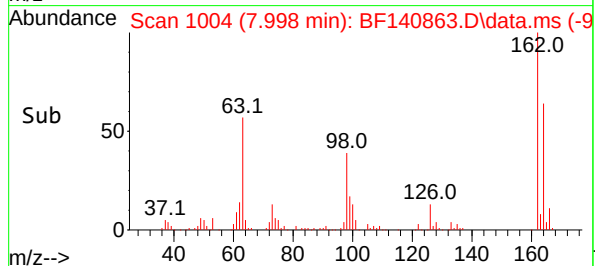
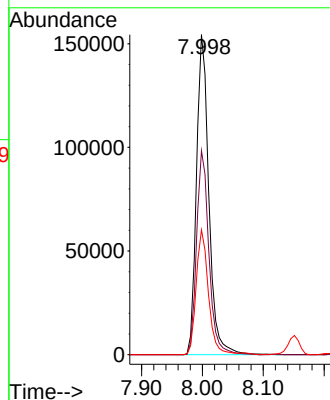
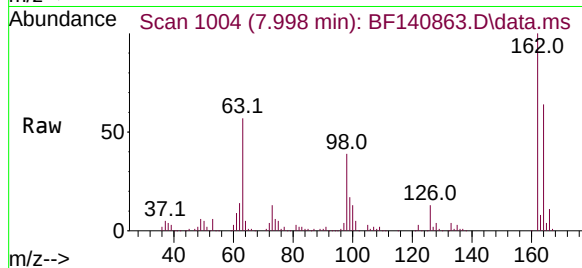
Tgt Ion:162 Resp: 217841

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

98 39.0 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 38.332 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

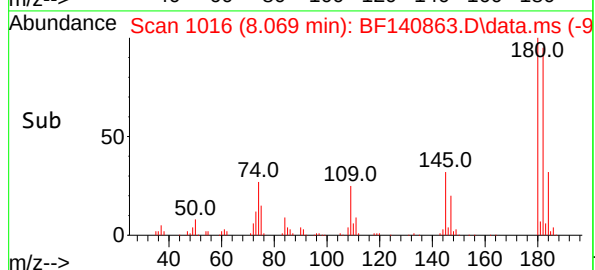
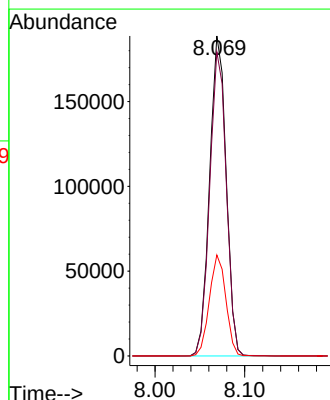
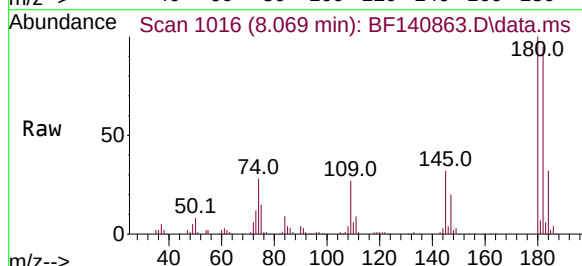
Tgt Ion:180 Resp: 241375

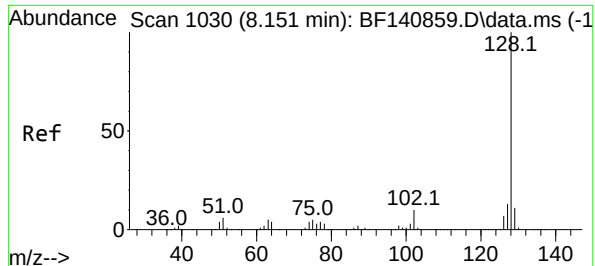
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

145 31.6 25.2 37.8





#31

Naphthalene

Concen: 38.473 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

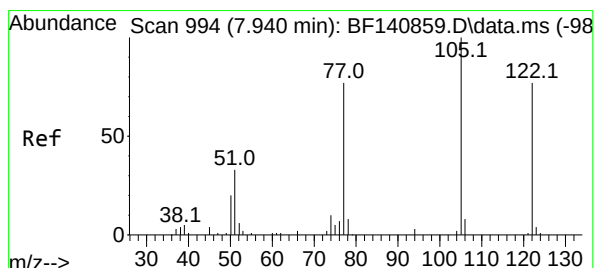
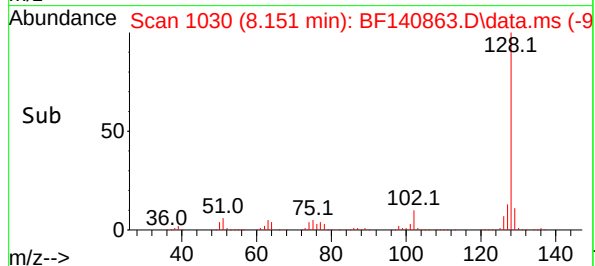
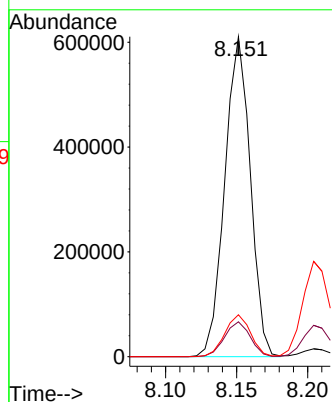
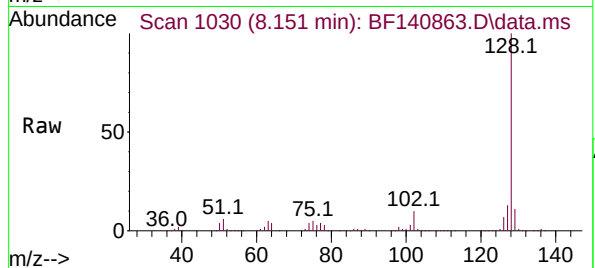
Tgt Ion:128 Resp: 763453

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 42.351 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.001 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

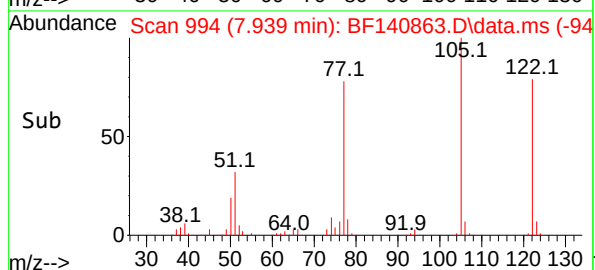
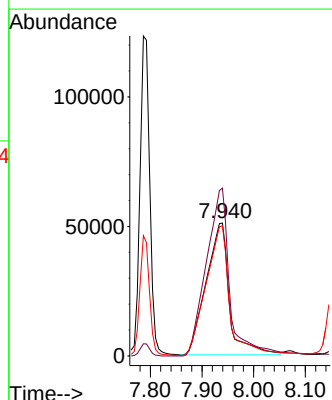
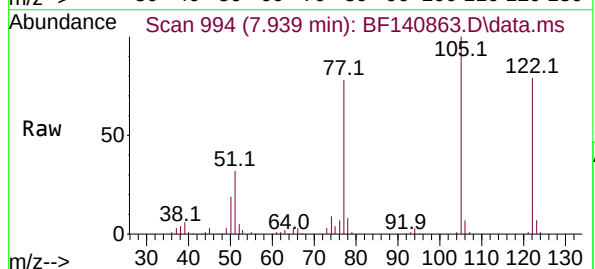
Tgt Ion:122 Resp: 159806

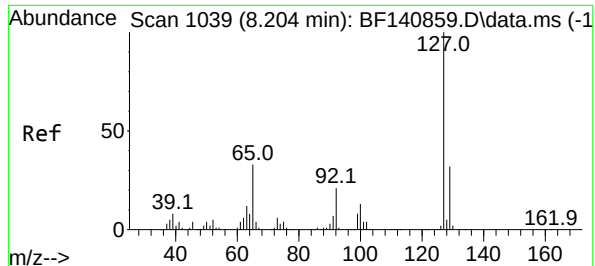
Ion Ratio Lower Upper

122 100

105 126.3 108.3 148.3

77 98.0 78.8 118.8





#33

4-Chloroaniline

Concen: 37.650 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

Tgt Ion:127 Resp: 248138

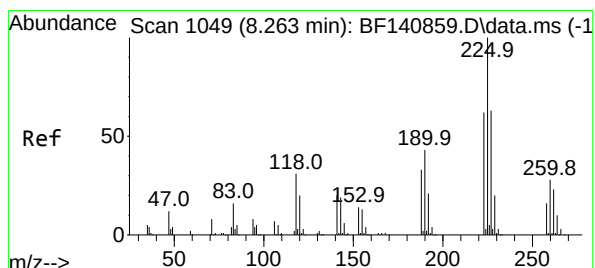
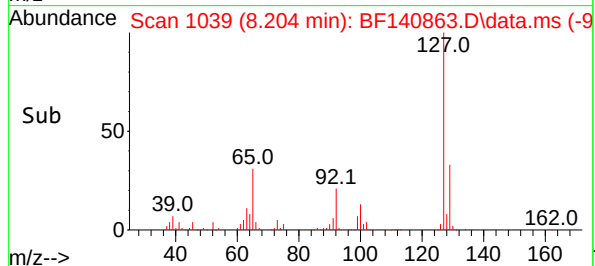
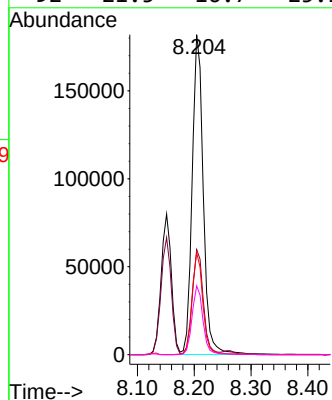
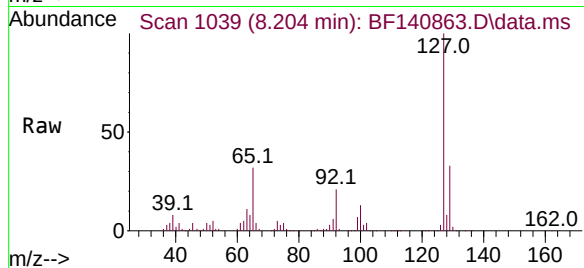
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 31.9 26.0 39.0

92 21.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 36.462 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

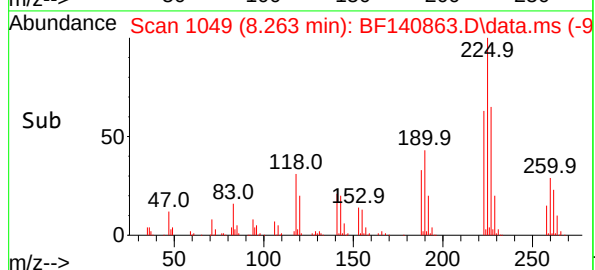
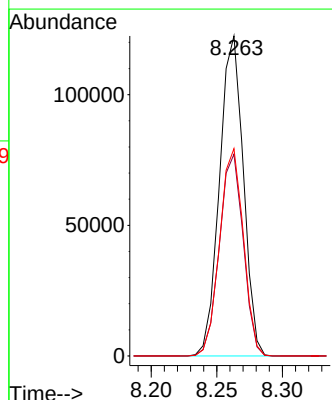
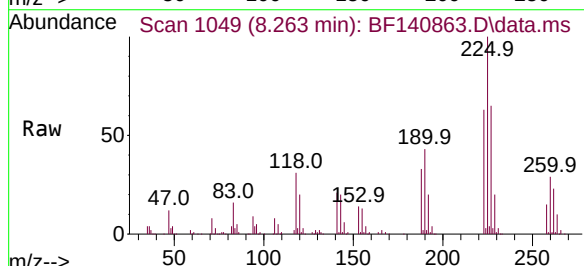
Tgt Ion:225 Resp: 154475

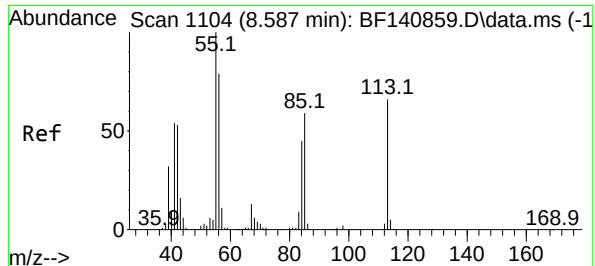
Ion Ratio Lower Upper

225 100

223 63.0 49.6 74.4

227 64.8 50.7 76.1

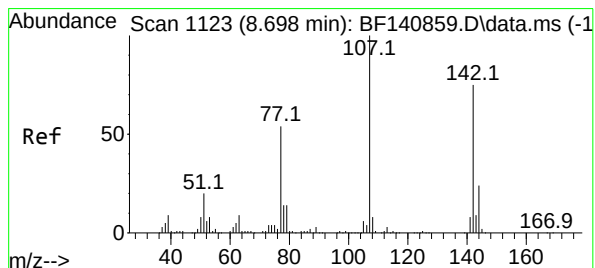
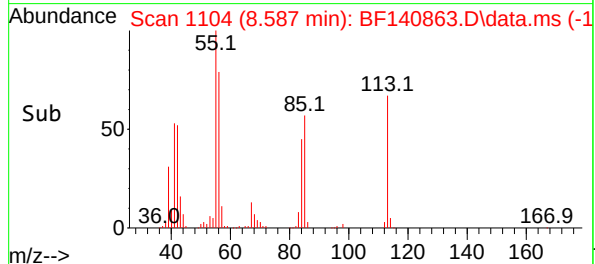
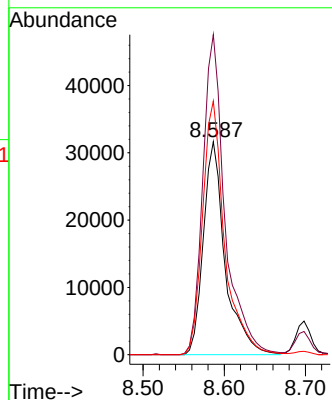
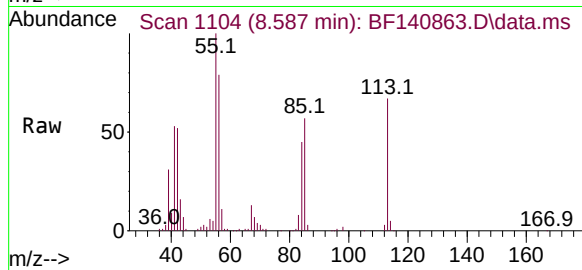




#35
Caprolactam
Concen: 36.113 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

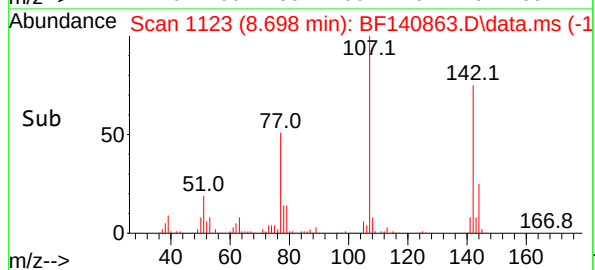
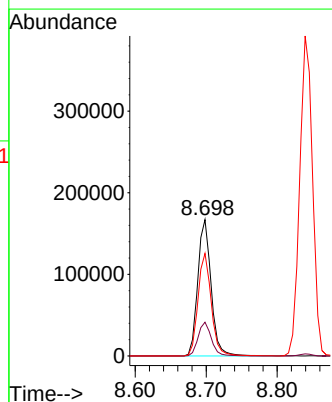
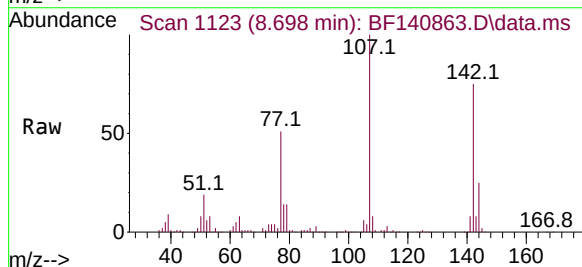
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

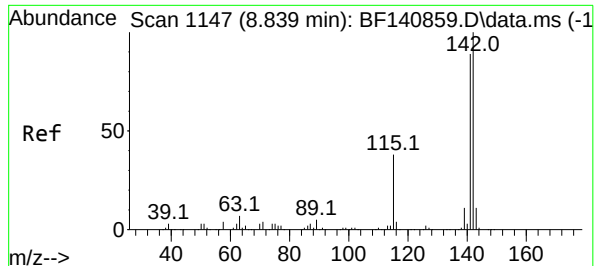
Tgt Ion:113 Resp: 59056
Ion Ratio Lower Upper
113 100
55 150.3 132.3 172.3
56 119.1 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 35.477 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:107 Resp: 219338
Ion Ratio Lower Upper
107 100
144 24.8 19.4 29.2
142 75.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 37.337 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

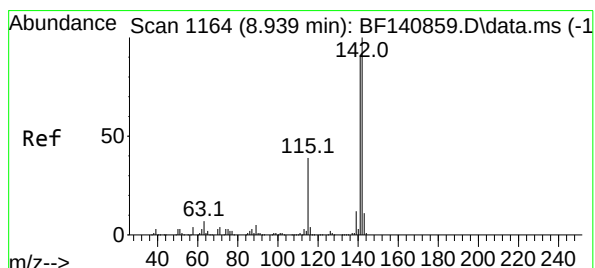
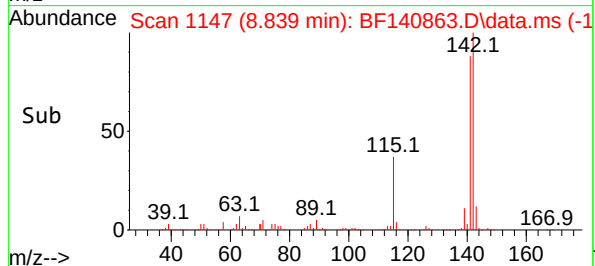
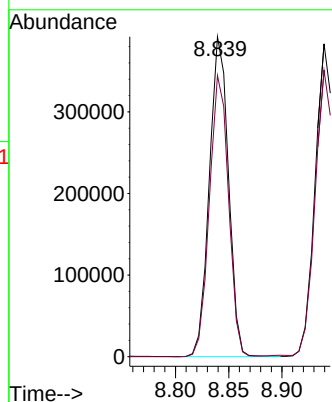
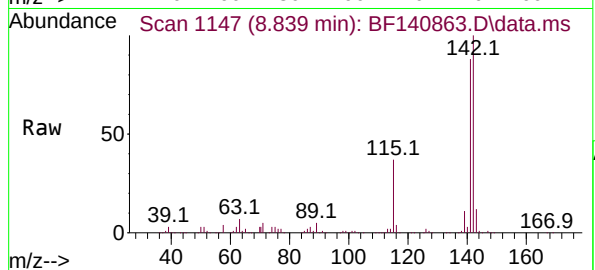
ICVBF121624

Tgt Ion:142 Resp: 490114

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 36.969 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140863.D

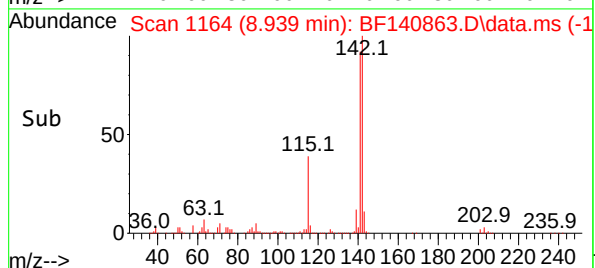
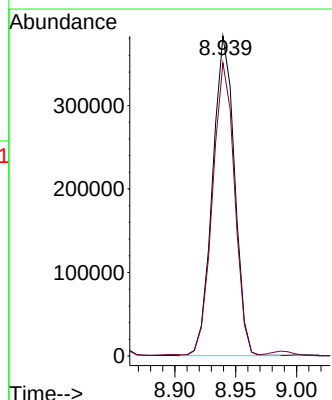
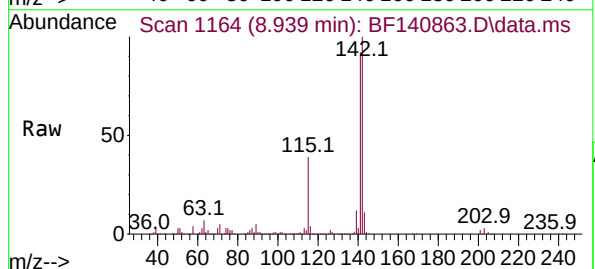
Acq: 16 Dec 2024 16:41

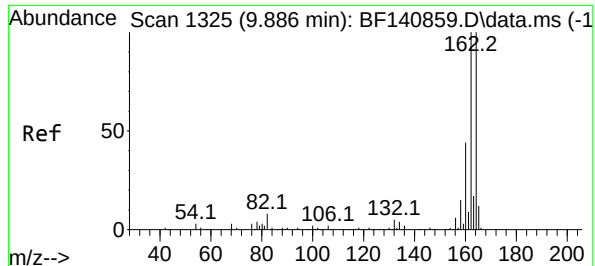
Tgt Ion:142 Resp: 479930

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

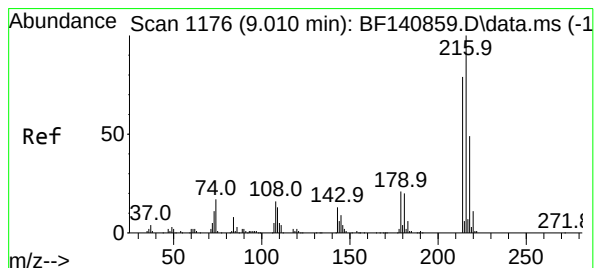
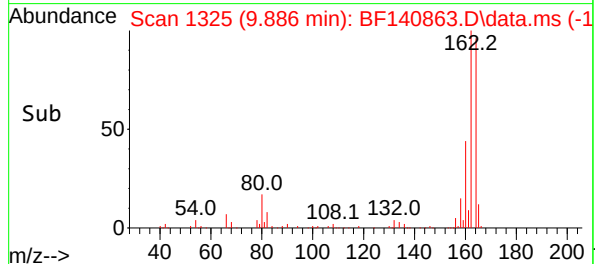
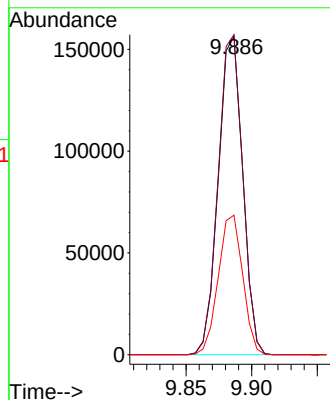
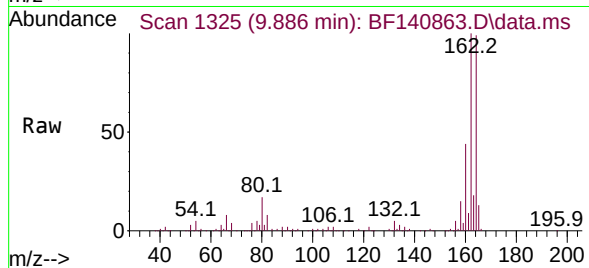
Tgt Ion:164 Resp: 202013

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

160 43.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.668 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion:216 Resp: 240096

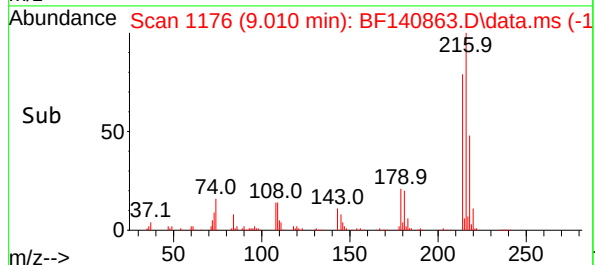
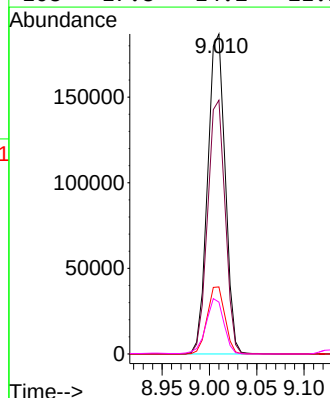
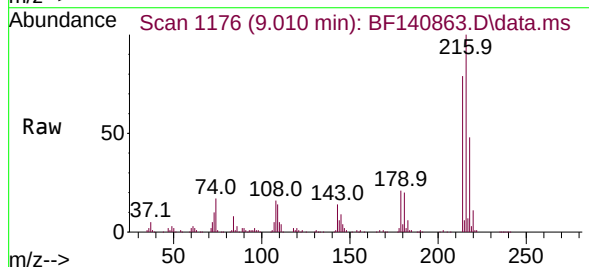
Ion Ratio Lower Upper

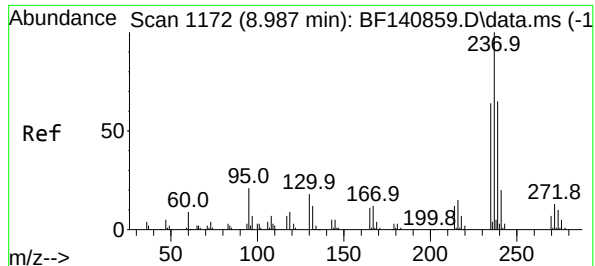
216 100

214 79.3 63.6 95.4

179 21.1 17.0 25.4

108 17.8 14.2 21.2

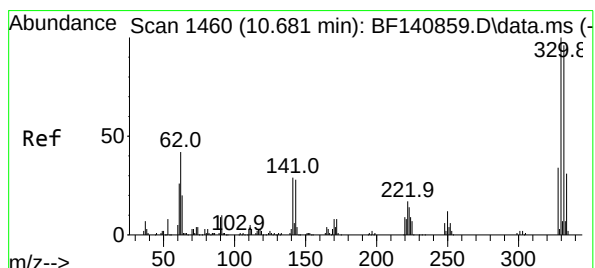
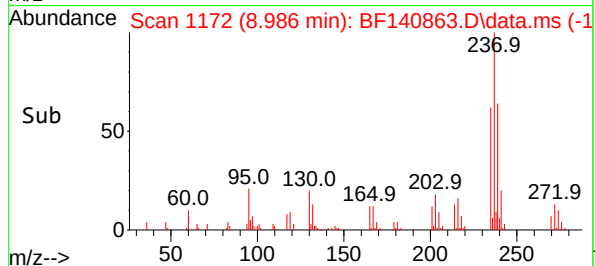
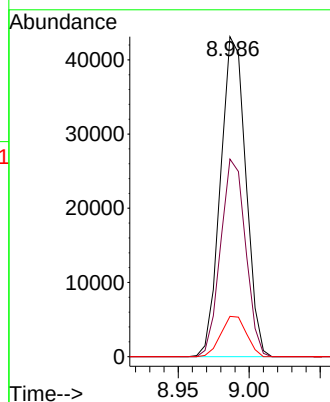
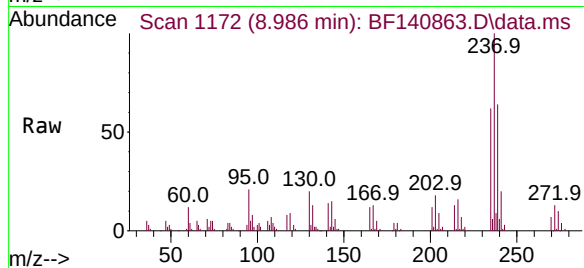




#41
Hexachlorocyclopentadiene
Concen: 37.672 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

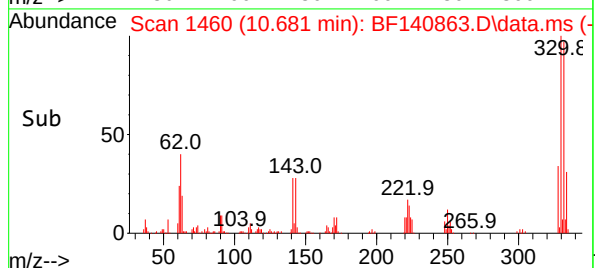
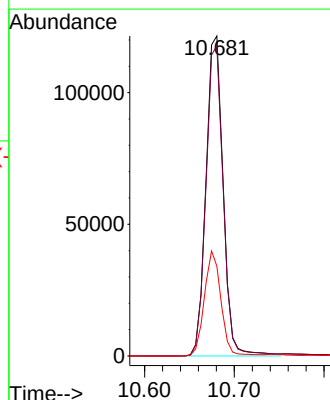
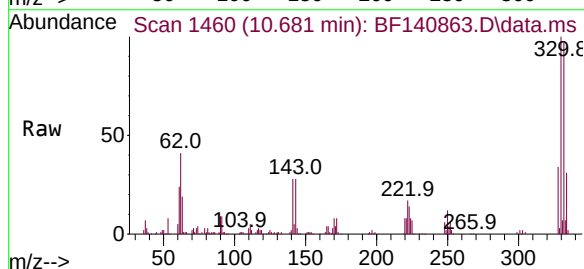
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

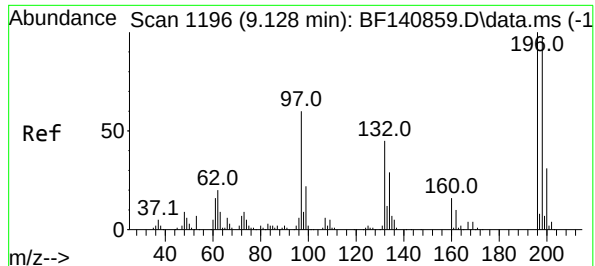
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.7	83.7
272	12.6	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 67.791 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.2	114.4
141	31.6	24.9	37.3





#43

2,4,6-Trichlorophenol

Concen: 39.419 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

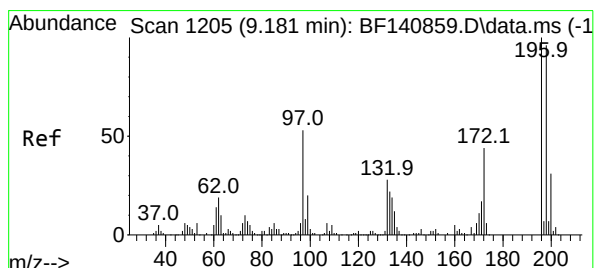
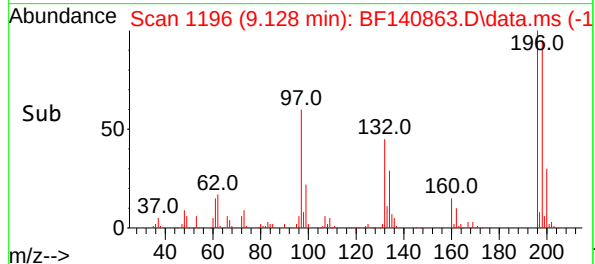
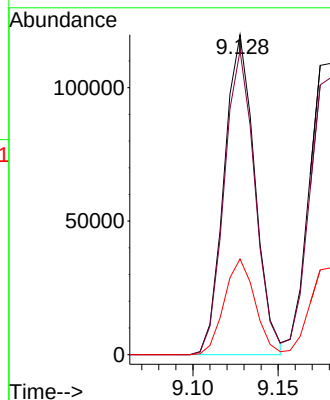
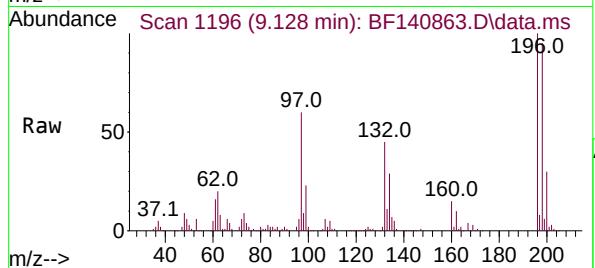
Tgt Ion:196 Resp: 149871

Ion Ratio Lower Upper

196 100

198 95.0 77.4 116.0

200 29.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 39.895 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion:196 Resp: 166716

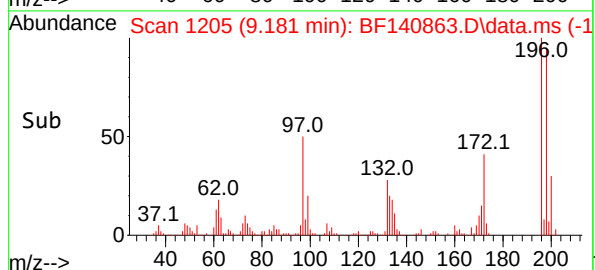
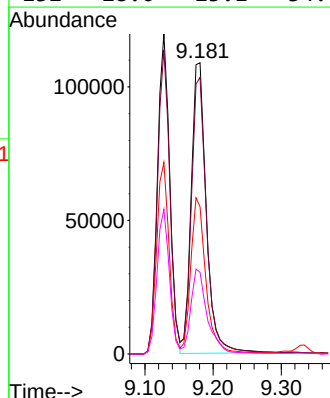
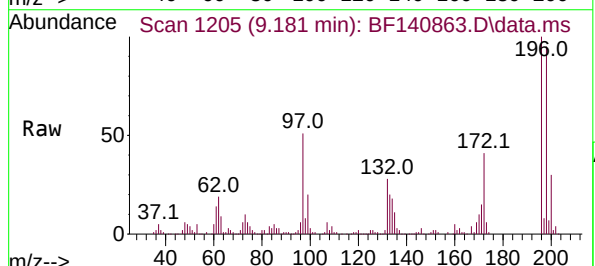
Ion Ratio Lower Upper

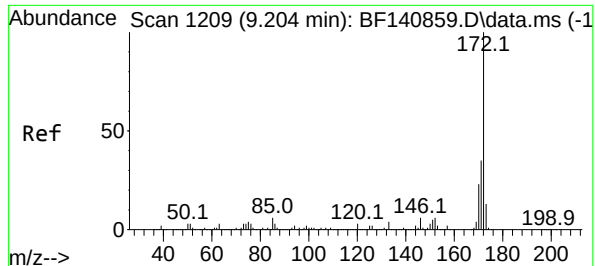
196 100

198 95.0 77.2 115.8

97 50.5 42.2 63.4

132 28.0 23.1 34.7

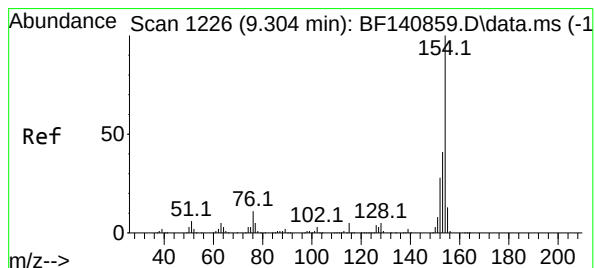
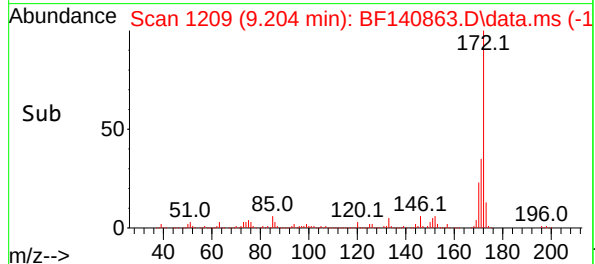
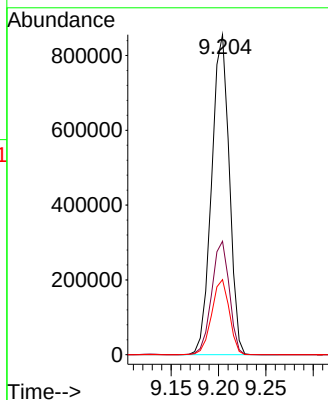
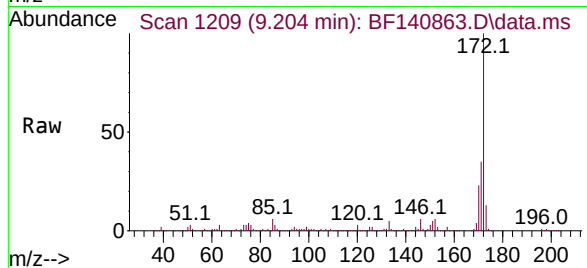




#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

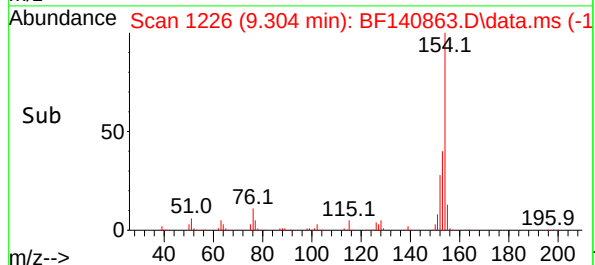
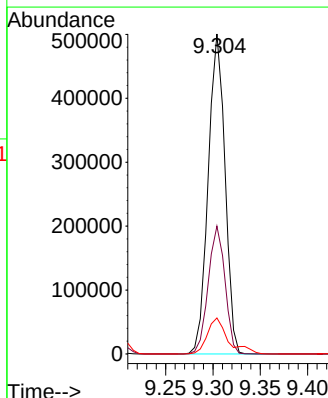
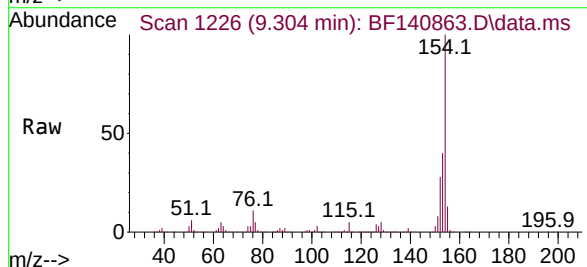
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

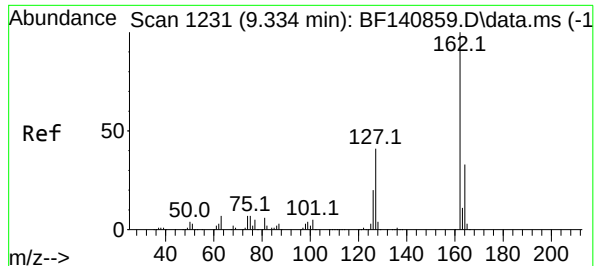
Tgt Ion:172 Resp: 1108356
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.412 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:154 Resp: 617038
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 11.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 36.522 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

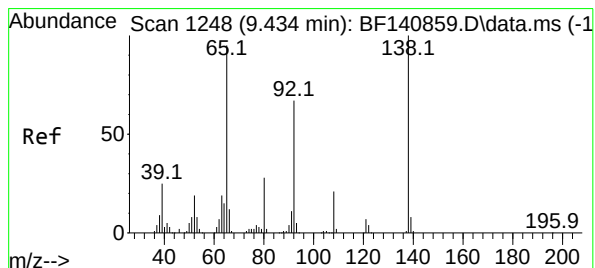
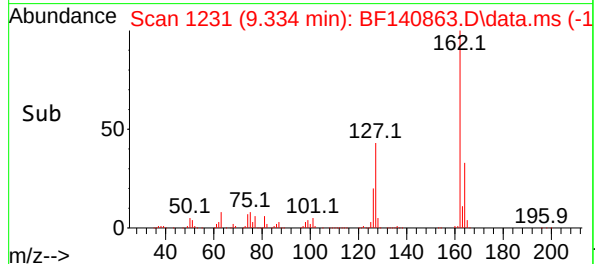
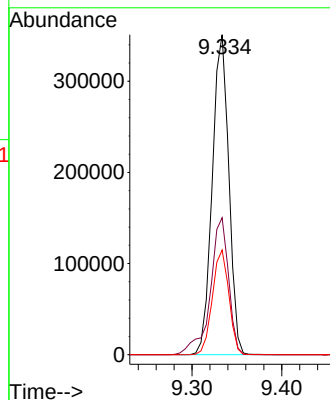
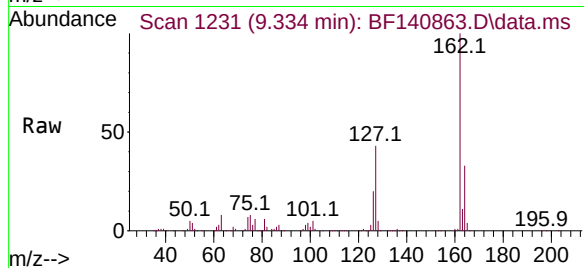
Tgt Ion:162 Resp: 448814

Ion Ratio Lower Upper

162 100

127 42.8 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 37.990 ng

RT: 9.434 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

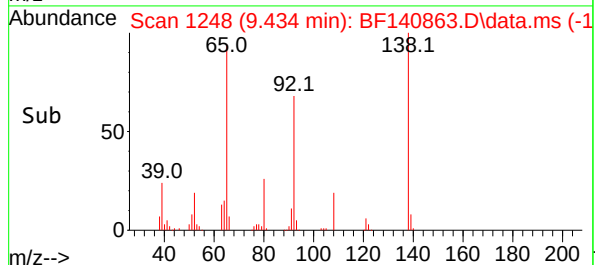
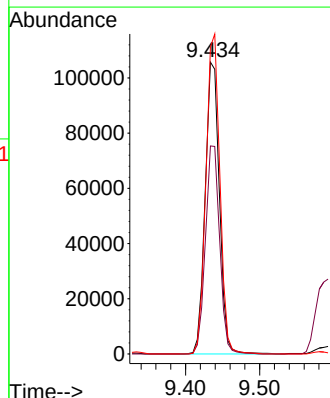
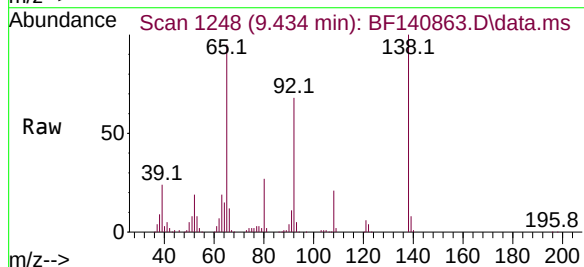
Tgt Ion: 65 Resp: 140999

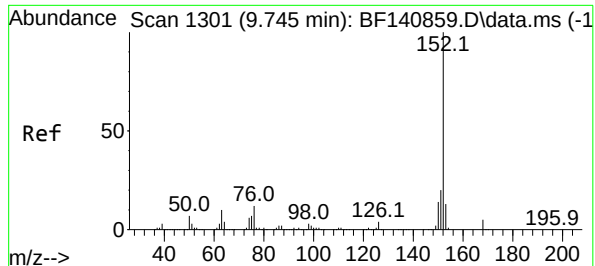
Ion Ratio Lower Upper

65 100

92 71.3 56.3 84.5

138 105.2 83.8 125.6





#49

Acenaphthylene

Concen: 37.651 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

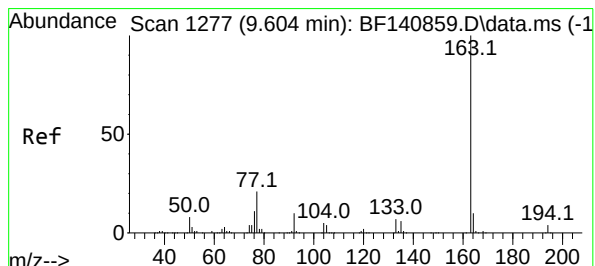
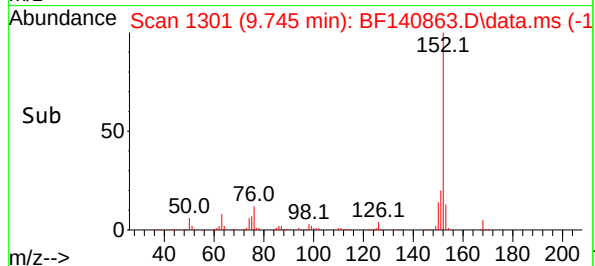
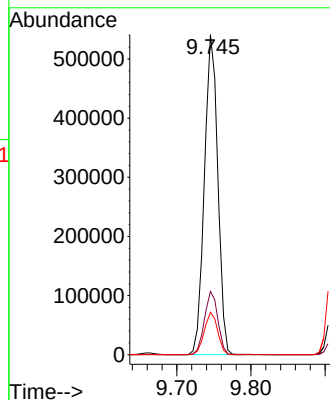
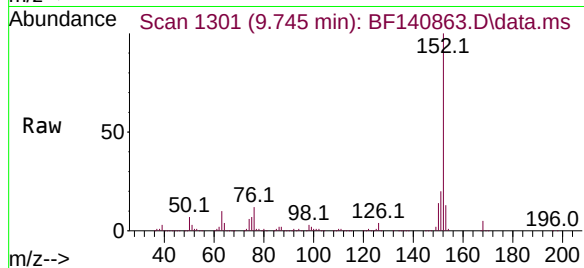
Tgt Ion:152 Resp: 679962

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 36.704 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

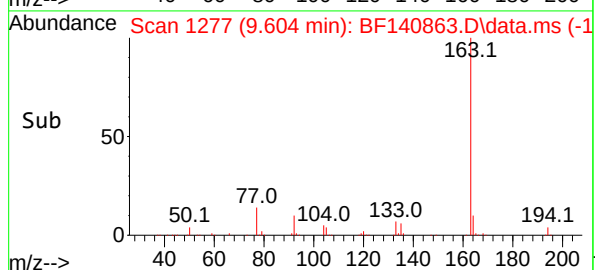
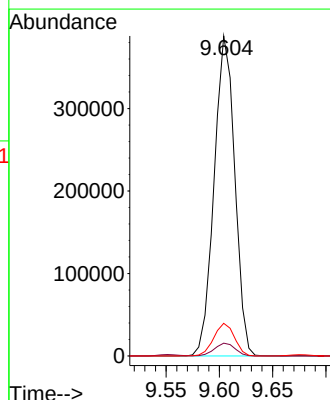
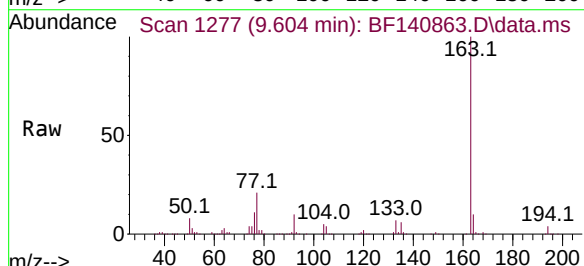
Tgt Ion:163 Resp: 522757

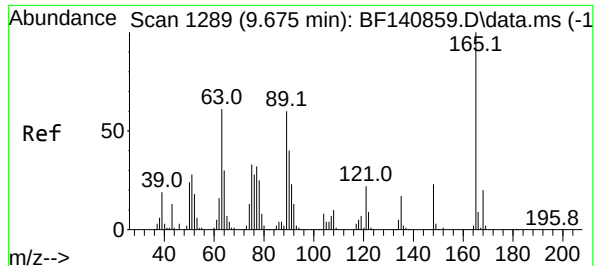
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 37.595 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

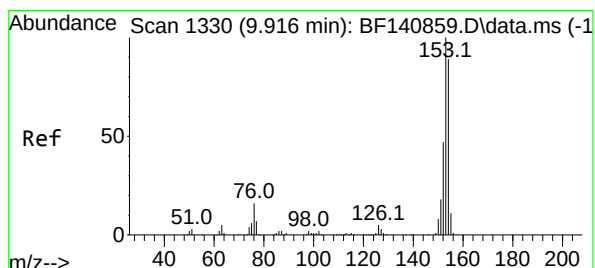
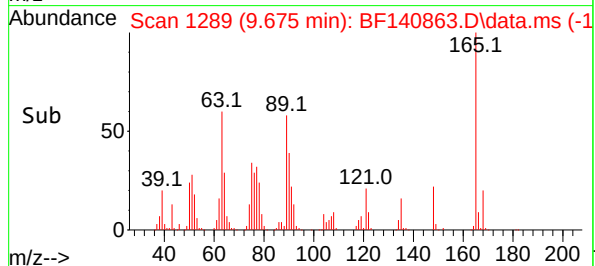
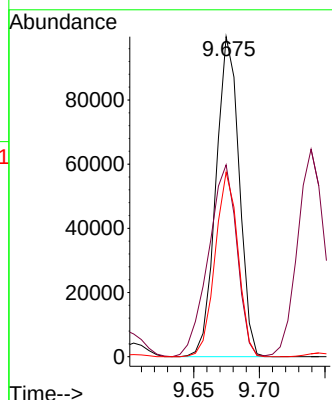
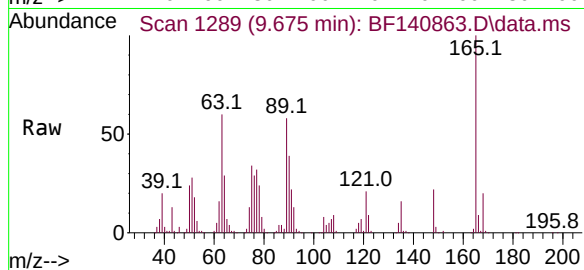
Tgt Ion:165 Resp: 122408

Ion Ratio Lower Upper

165 100

63 60.0 49.7 74.5

89 57.6 48.2 72.4



#52

Acenaphthene

Concen: 38.275 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

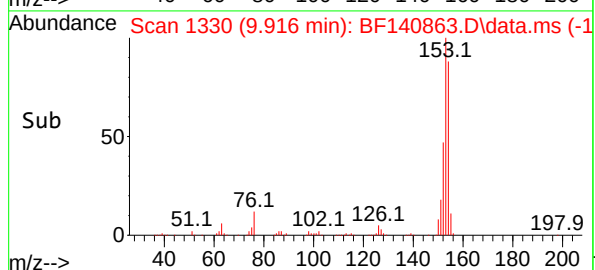
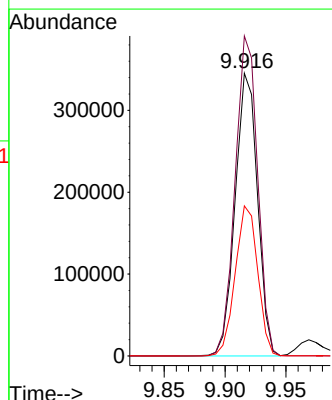
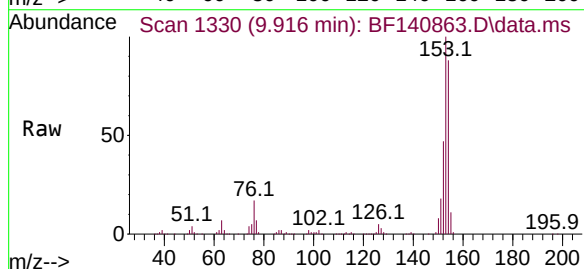
Tgt Ion:154 Resp: 441540

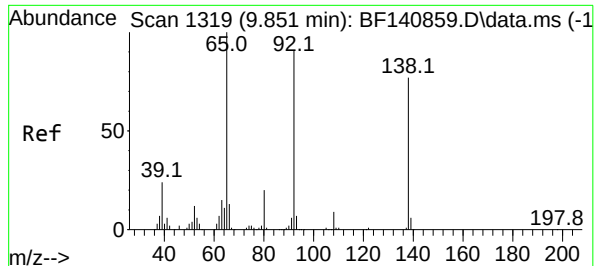
Ion Ratio Lower Upper

154 100

153 113.2 89.9 134.9

152 53.1 42.6 63.8

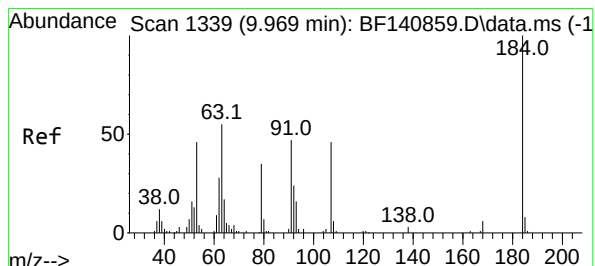
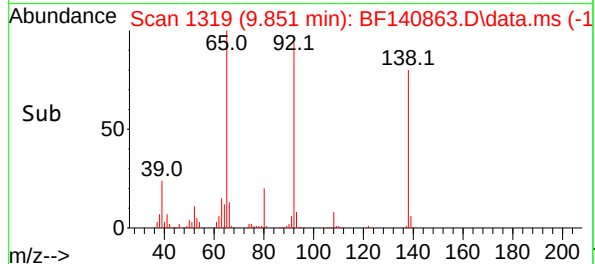
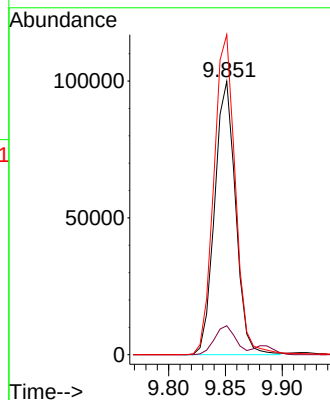
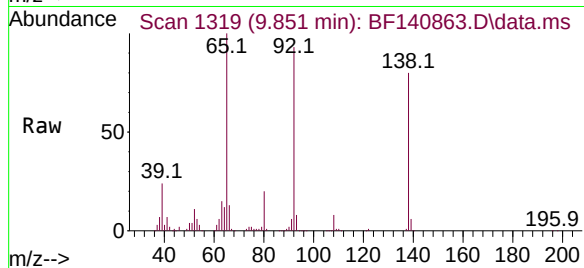




#53
3-Nitroaniline
Concen: 39.722 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

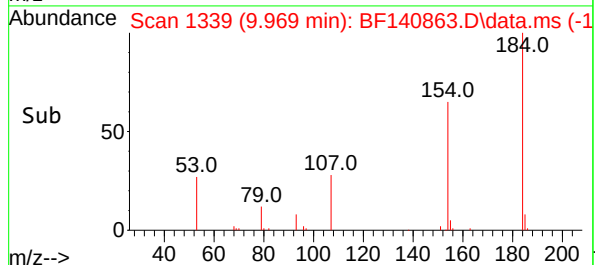
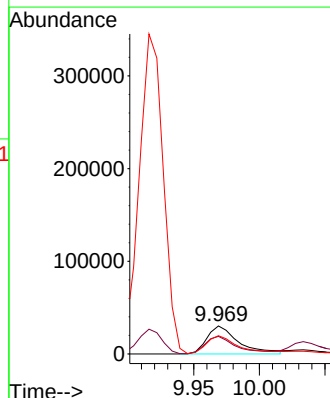
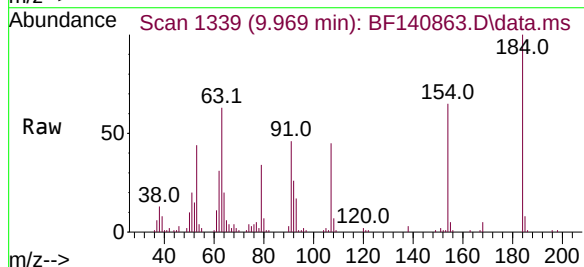
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

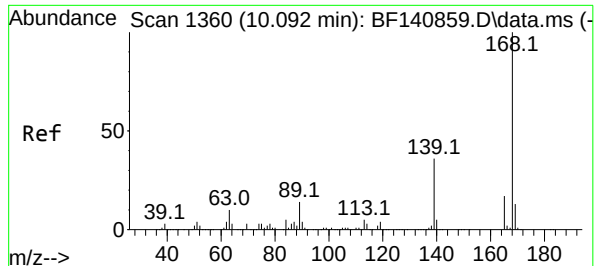
Tgt Ion:138 Resp: 128348
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 117.1 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 35.766 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:184 Resp: 50562
Ion Ratio Lower Upper
184 100
63 63.0 51.6 77.4
154 65.4 56.1 84.1





#55

Dibenzofuran

Concen: 37.113 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

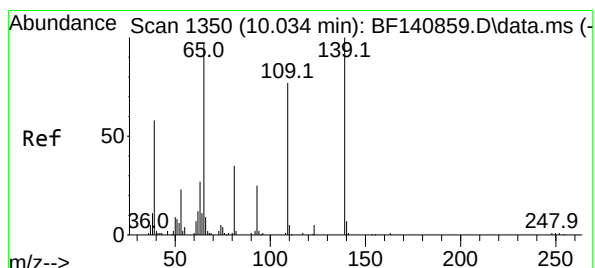
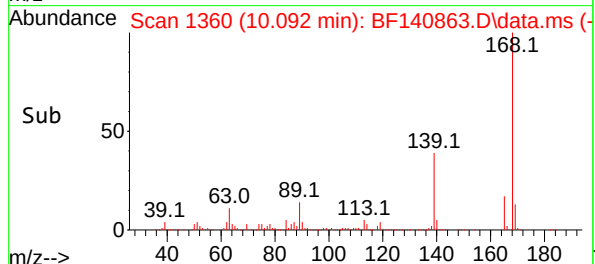
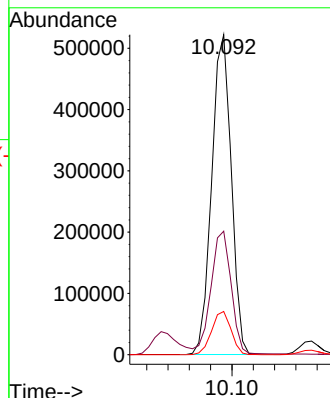
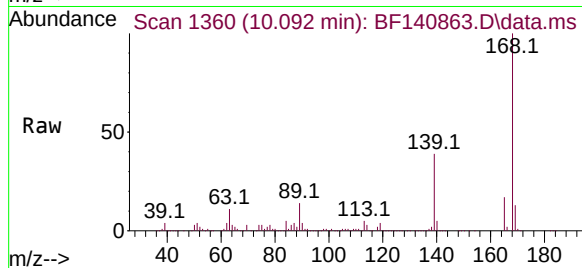
Tgt Ion:168 Resp: 663435

Ion Ratio Lower Upper

168 100

139 38.6 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 38.834 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.001 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

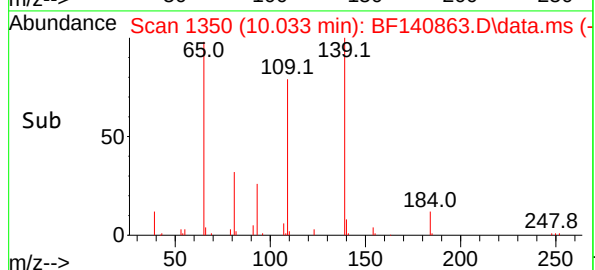
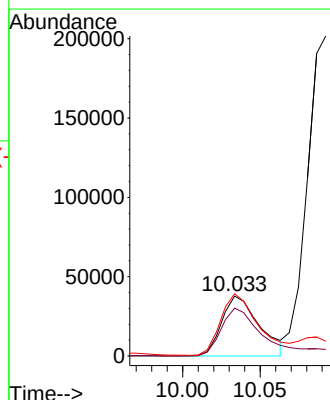
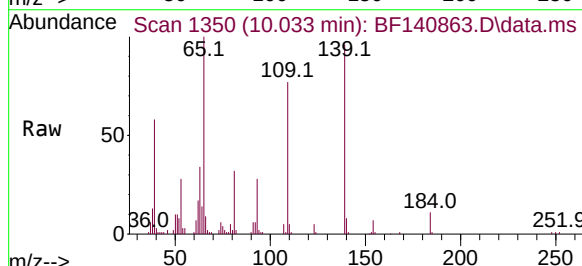
Tgt Ion:139 Resp: 63289

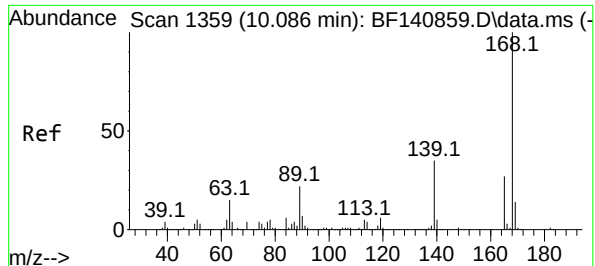
Ion Ratio Lower Upper

139 100

109 80.0 56.7 96.7

65 103.8 78.1 118.1

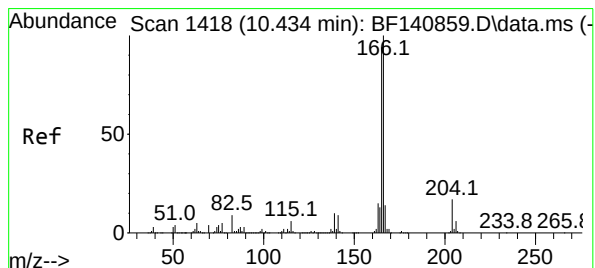
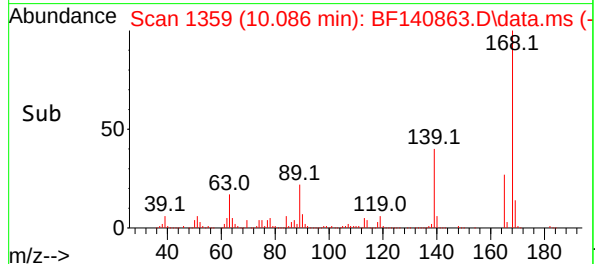
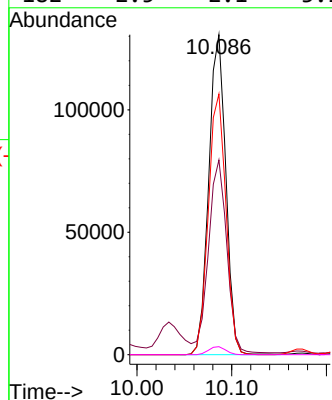
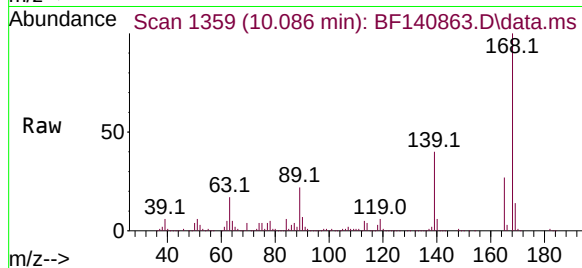




#57
2,4-Dinitrotoluene
Concen: 38.076 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

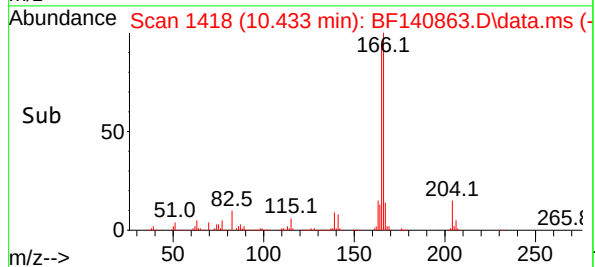
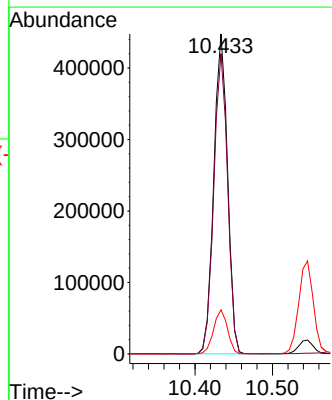
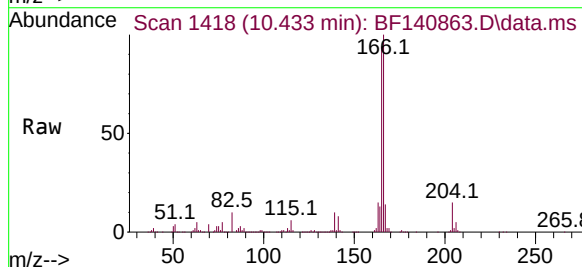
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

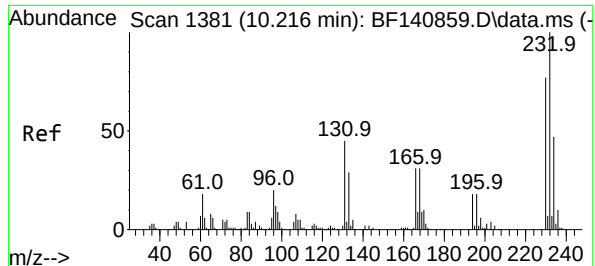
Tgt Ion:165 Resp: 163115
Ion Ratio Lower Upper
165 100
63 60.9 49.3 73.9
89 81.5 66.2 99.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 37.370 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

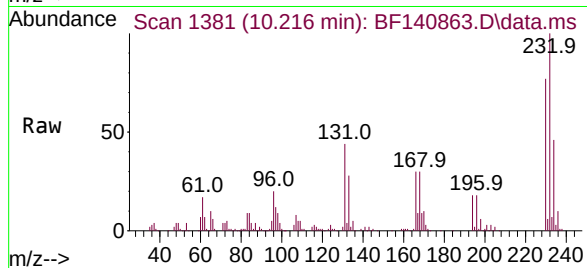
Tgt Ion:166 Resp: 551110
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.8 11.1 16.7



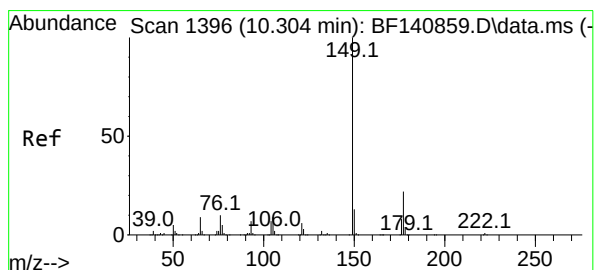
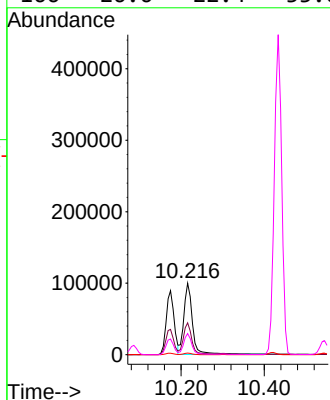
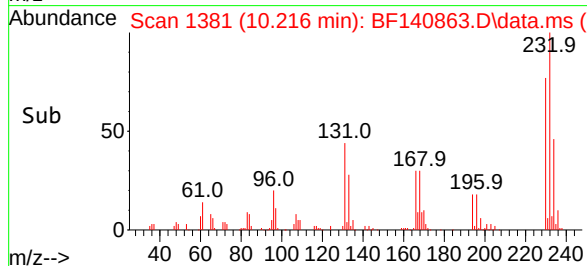


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.405 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

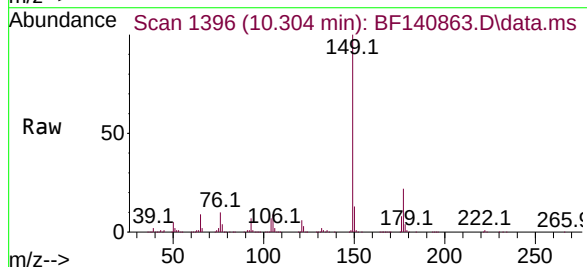
Instrument :
BNA_F
ClientSampleId :
ICVBF121624



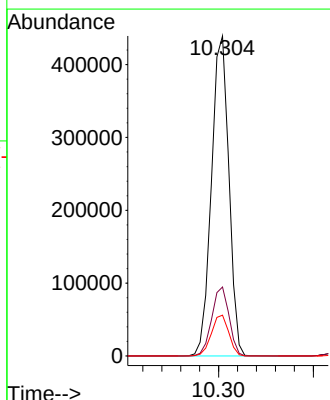
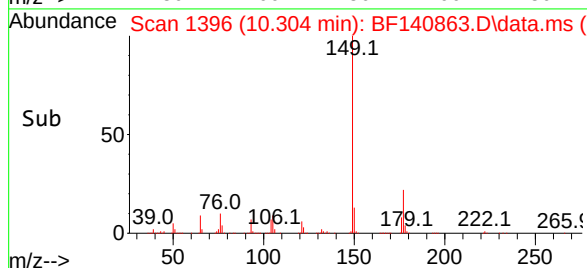
Tgt Ion:232 Resp: 144396
Ion Ratio Lower Upper
232 100
131 42.6 35.1 52.7
130 2.2 1.8 2.8
166 26.6 22.4 33.6

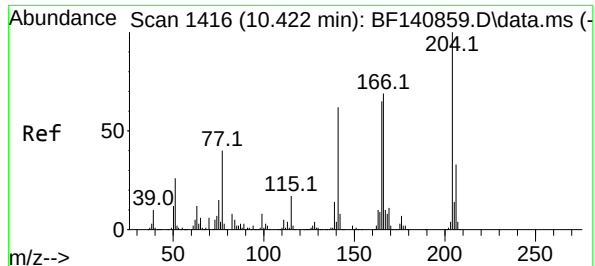


#60
Diethylphthalate
Concen: 37.926 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41



Tgt Ion:149 Resp: 560121
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.7 10.1 15.1

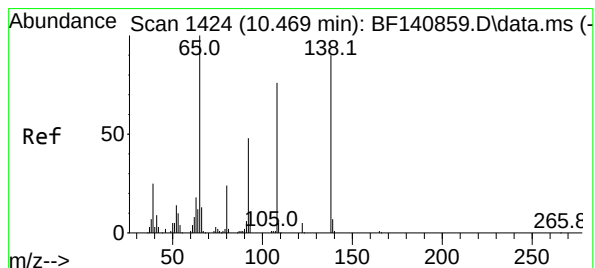
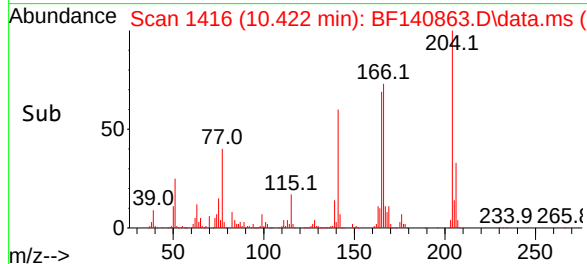
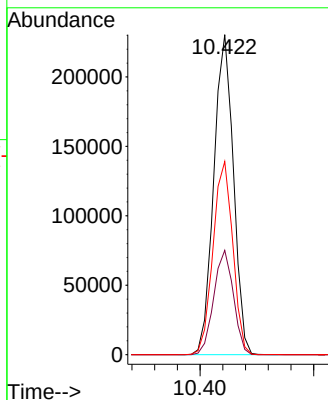
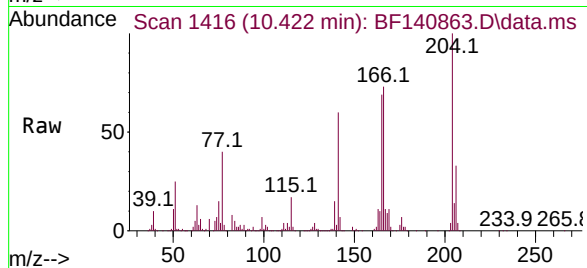




#61
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

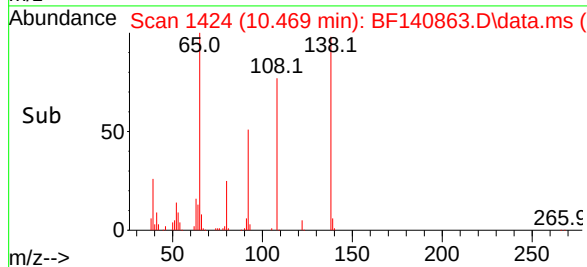
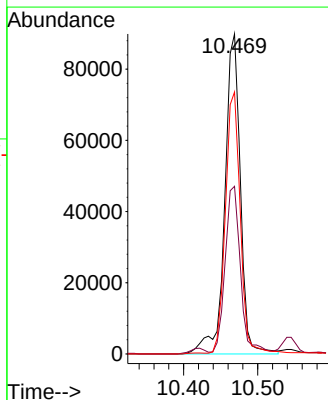
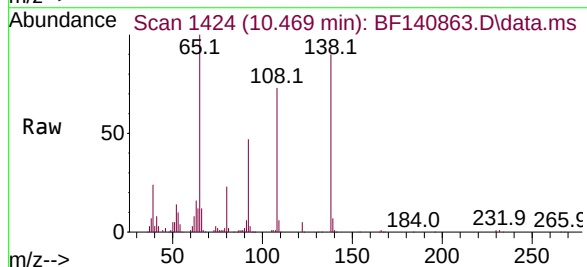
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

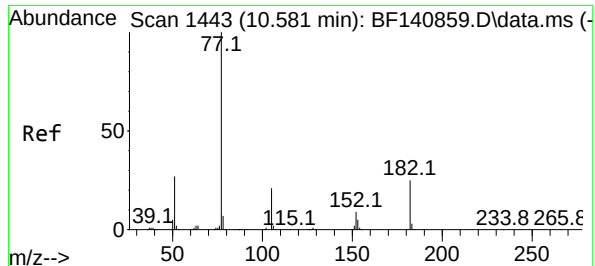
Tgt Ion:204 Resp: 277040
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.3 50.0 75.0



#62
4-Nitroaniline
Concen: 38.912 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:138 Resp: 131388
Ion Ratio Lower Upper
138 100
92 52.4 32.6 72.6
108 81.8 64.1 104.1

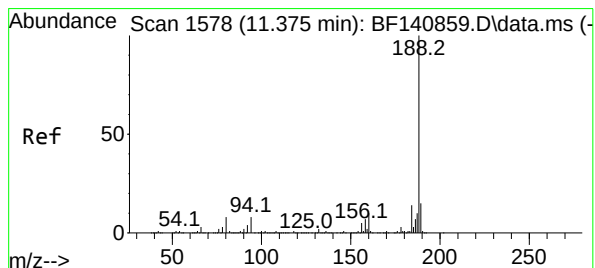
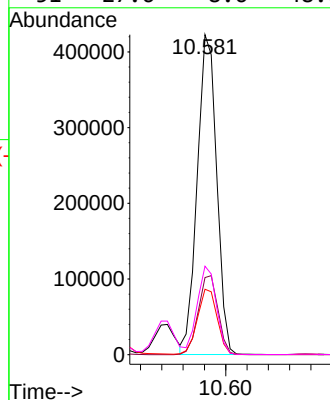
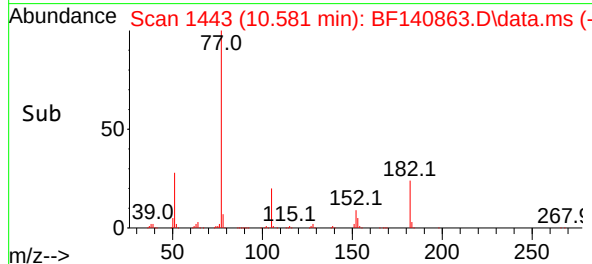
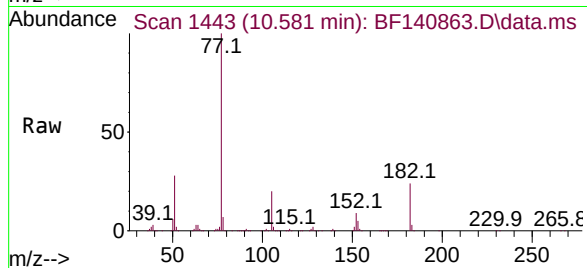




#63
Azobenzene
Concen: 38.657 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

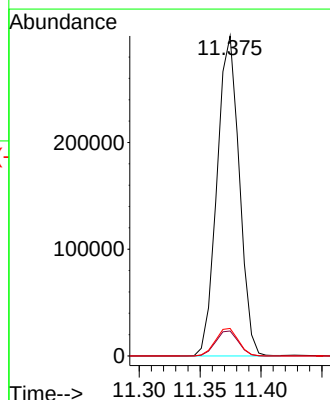
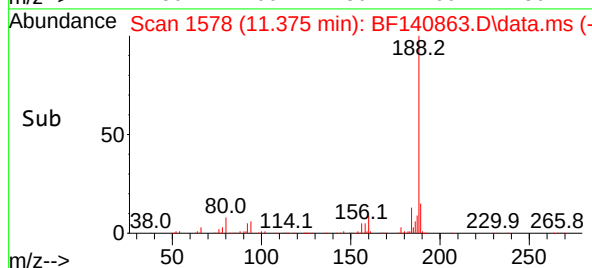
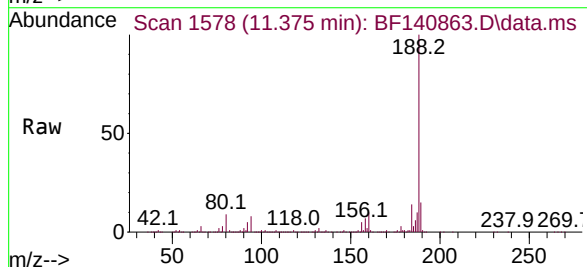
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

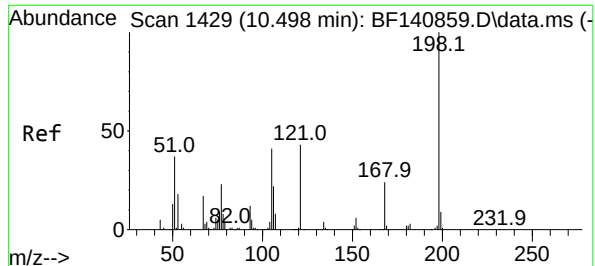
Tgt Ion: 77	Resp: 536731
Ion Ratio	Lower Upper
77	100
182	24.1 4.5 44.5
105	20.5 0.9 40.9
51	27.6 8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 188	Resp: 381984
Ion Ratio	Lower Upper
188	100
94	7.8 6.4 9.6
80	8.6 6.8 10.2

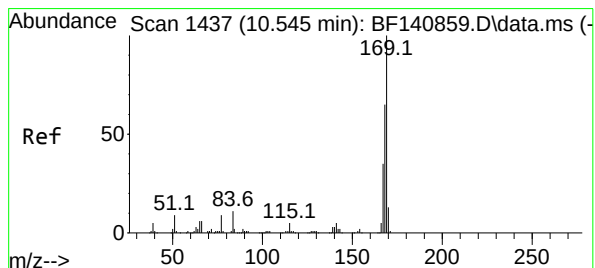
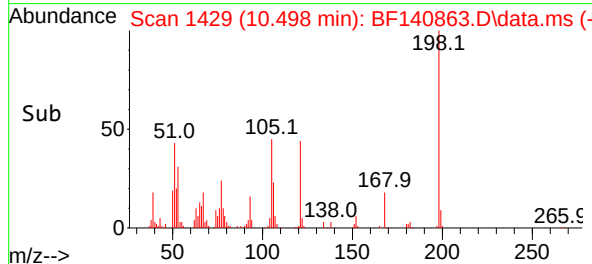
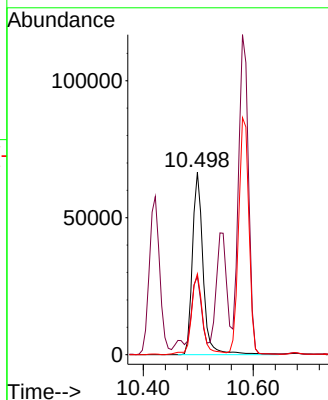
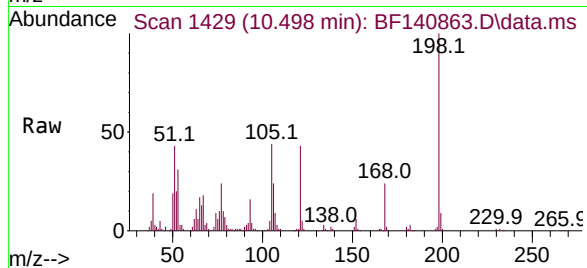




#65
4,6-Dinitro-2-methylphenol
Concen: 41.637 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

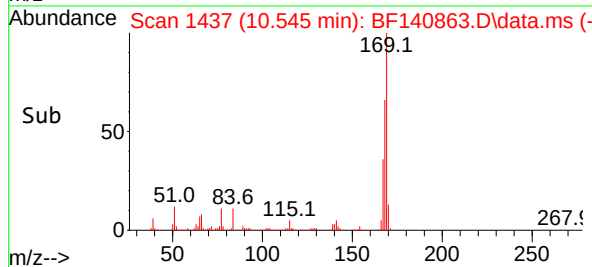
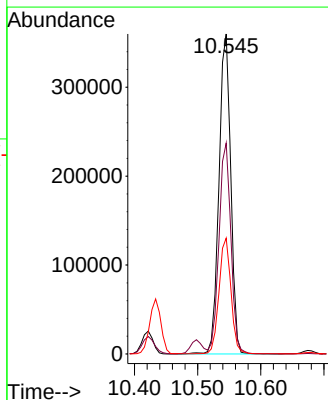
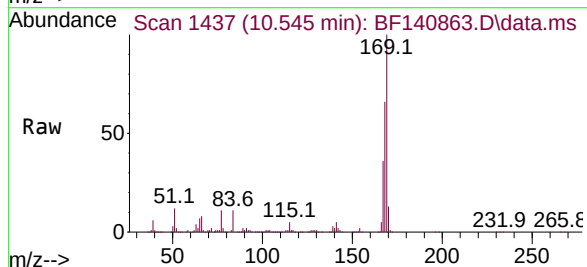
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

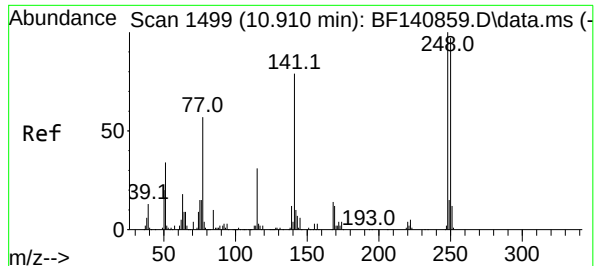
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.9	24.4	64.4
105	44.3	22.1	62.1



#66
n-Nitrosodiphenylamine
Concen: 39.710 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.4	80.0
167	36.2	28.3	42.5

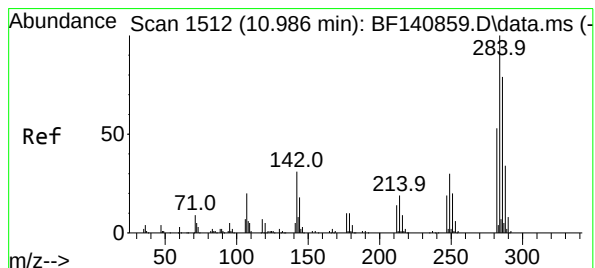
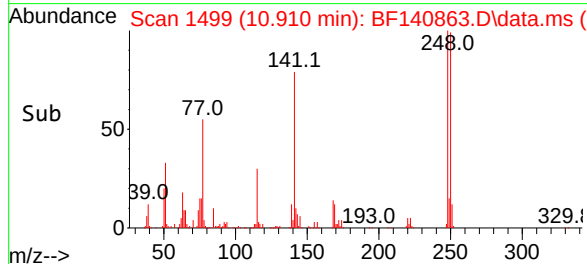
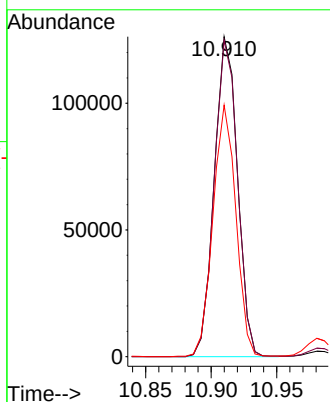
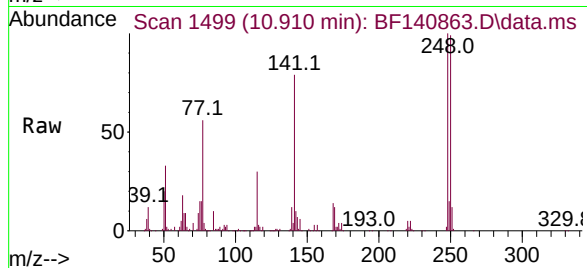




#67
4-Bromophenyl-phenylether
Concen: 36.329 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

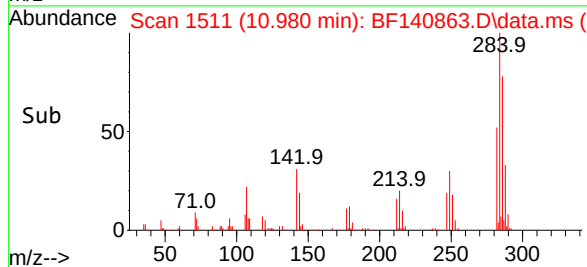
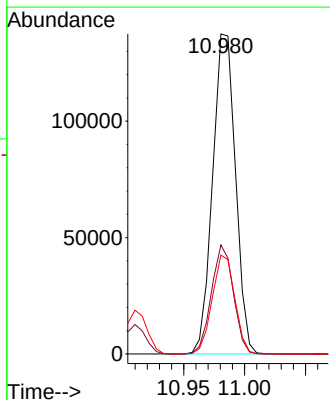
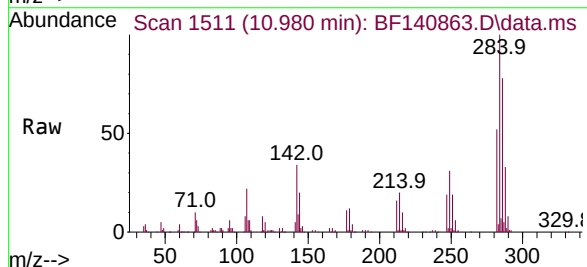
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

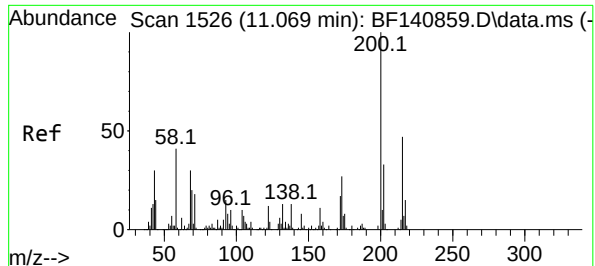
Tgt Ion:248 Resp: 155245
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 78.6 62.9 94.3



#68
Hexachlorobenzene
Concen: 37.132 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:284 Resp: 179906
Ion Ratio Lower Upper
284 100
142 34.0 24.6 36.8
249 30.9 24.3 36.5





#69

Atrazine

Concen: 36.838 ng

RT: 11.069 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

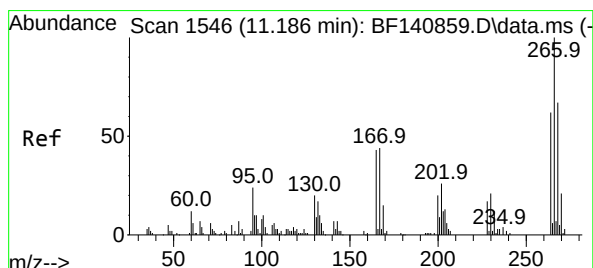
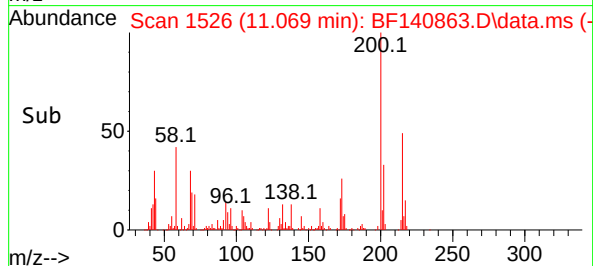
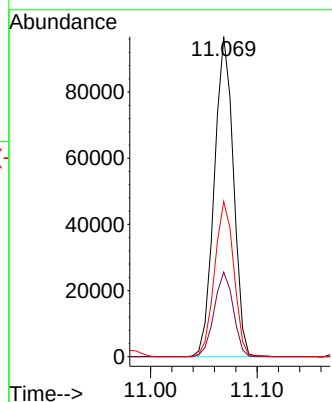
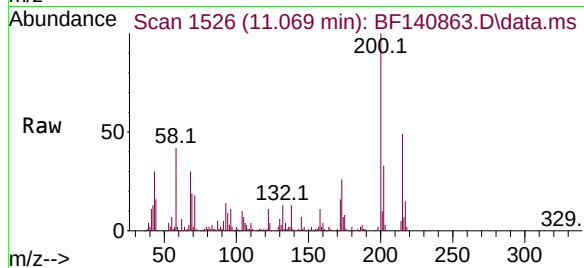
Tgt Ion:200 Resp: 120830

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 48.5 26.7 66.7



#70

Pentachlorophenol

Concen: 38.679 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

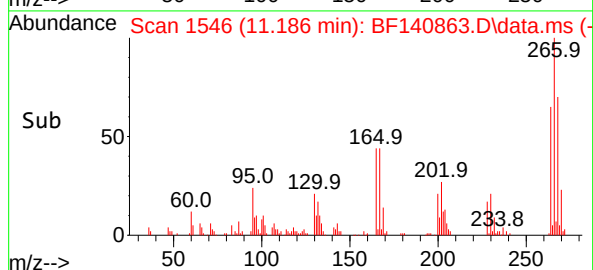
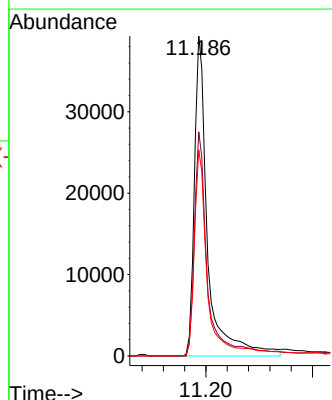
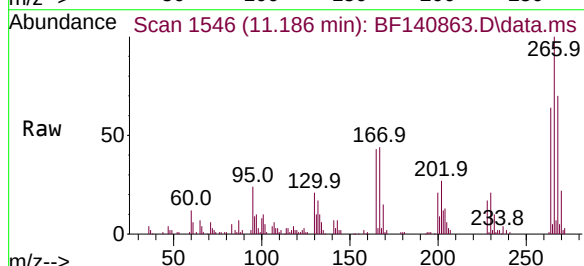
Tgt Ion:266 Resp: 68516

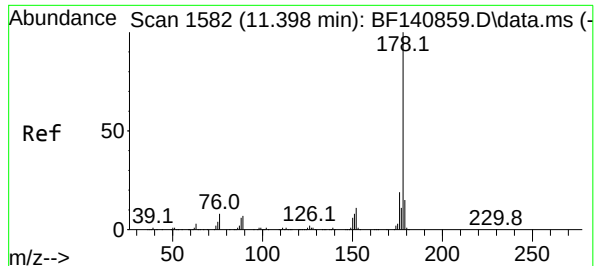
Ion Ratio Lower Upper

266 100

268 70.1 54.0 81.0

264 64.4 49.4 74.2

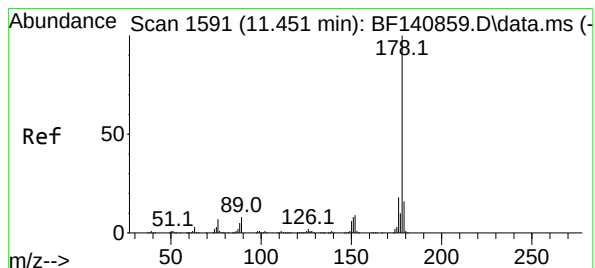
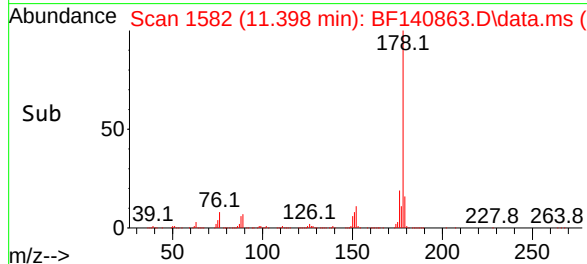
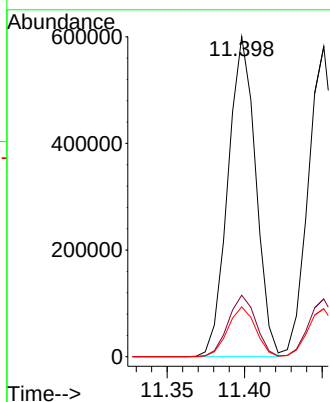
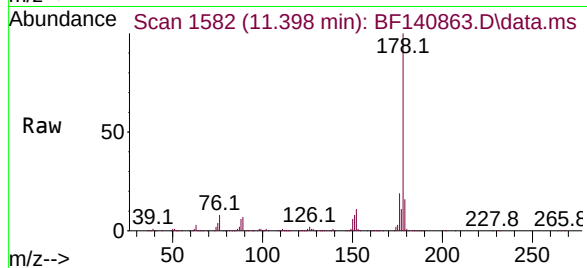




#71
Phenanthrene
Concen: 38.078 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

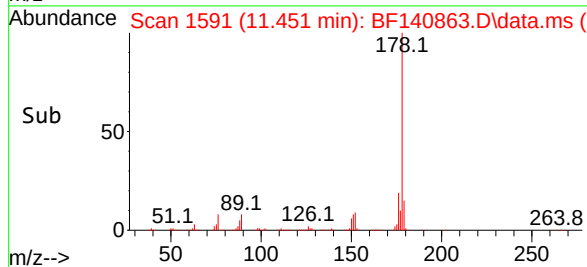
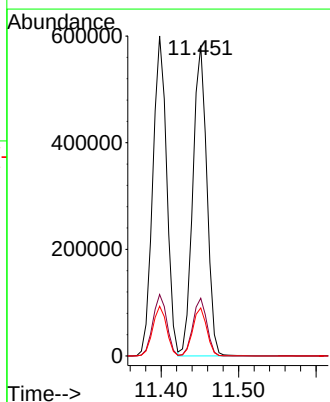
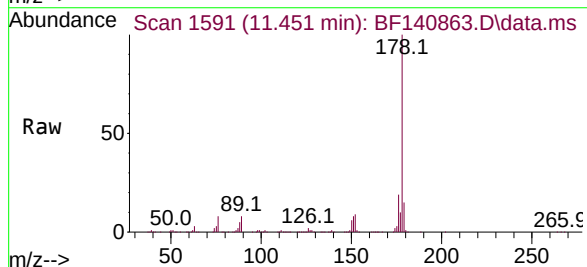
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

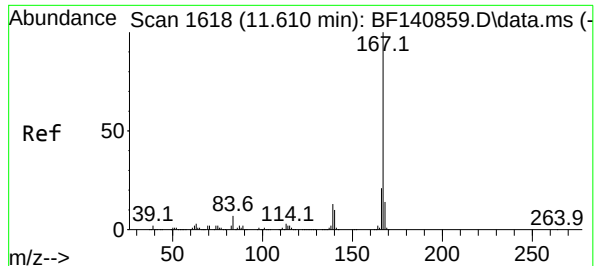
Tgt Ion:178 Resp: 747974
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 37.720 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:178 Resp: 729685
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.5 12.6 18.8

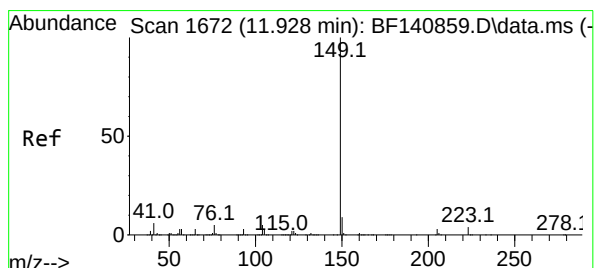
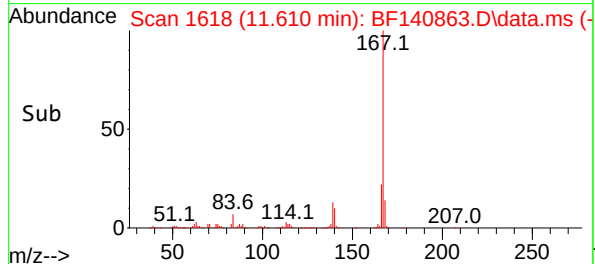
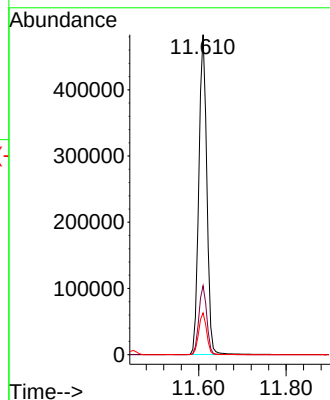
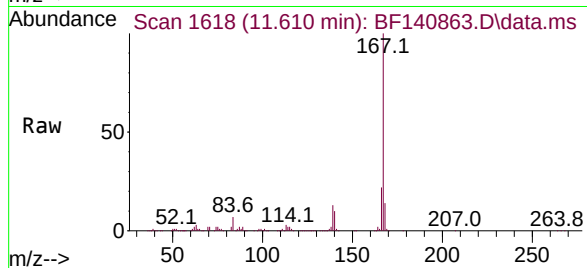




#73
Carbazole
Concen: 32.390 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

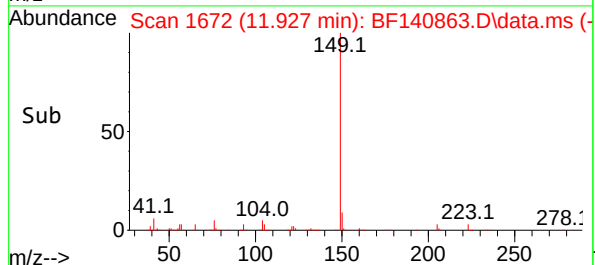
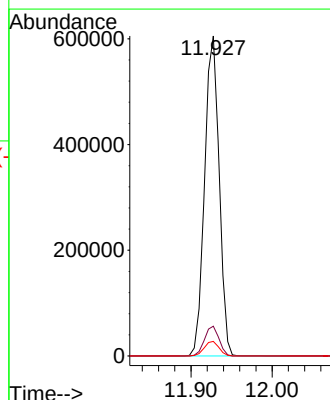
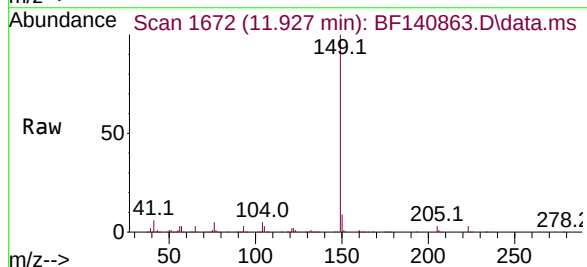
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

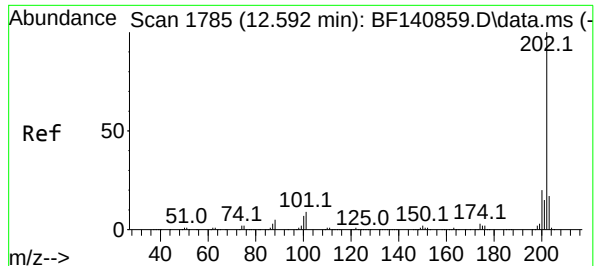
Tgt Ion:167 Resp: 613711
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.2 15.2



#74
Di-n-butylphthalate
Concen: 33.782 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

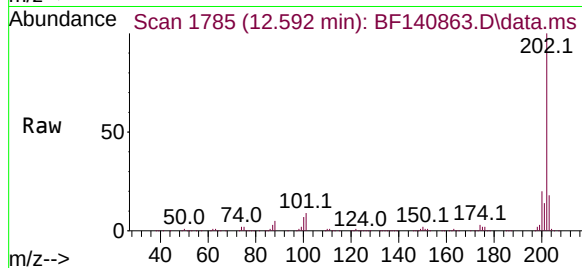
Tgt Ion:149 Resp: 751217
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.5 3.8 5.8



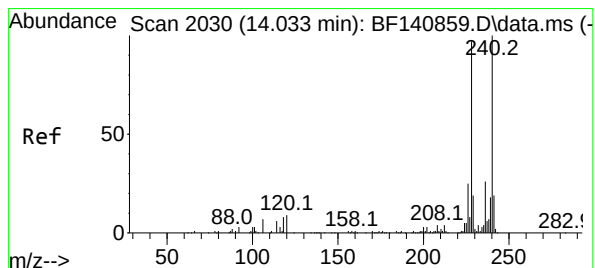
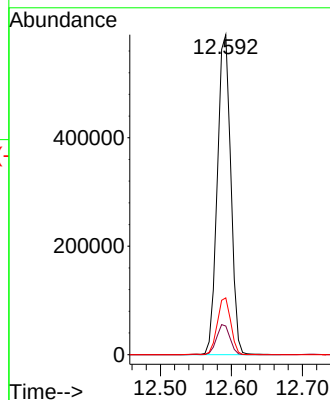


#75
Fluoranthene
Concen: 34.163 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

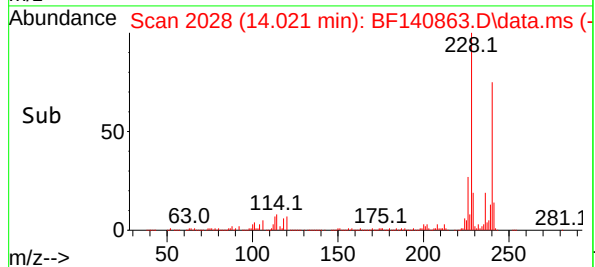
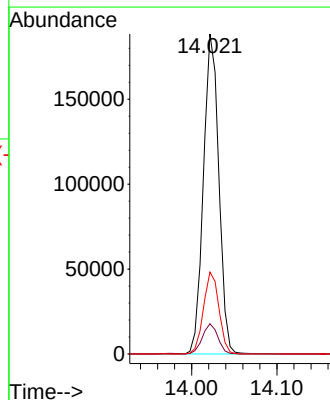
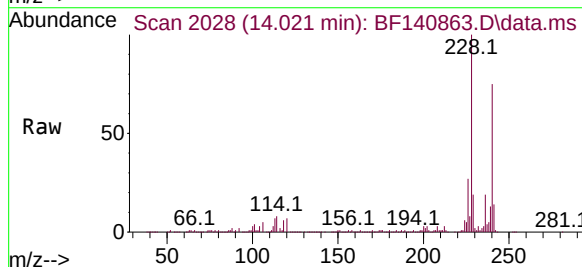


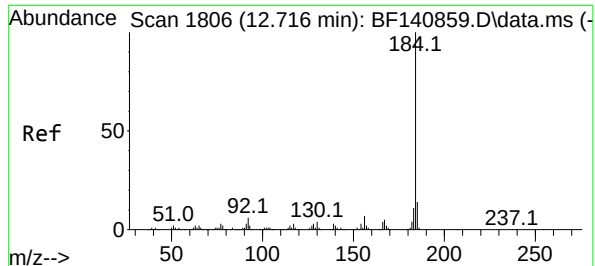
Tgt Ion:202 Resp: 772859
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:240 Resp: 236413
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.6 20.5 30.7

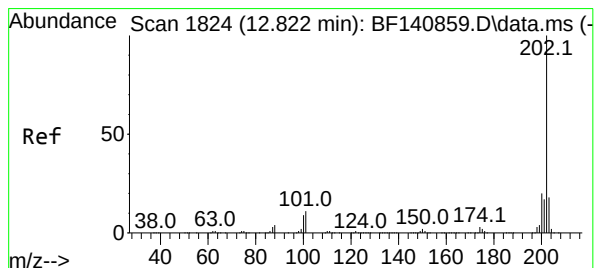
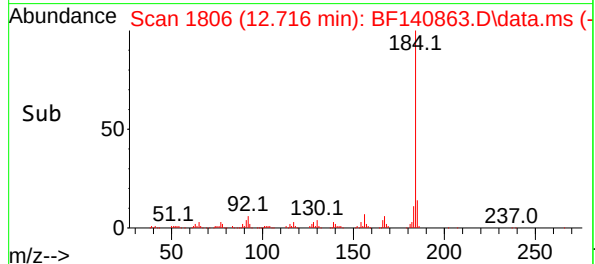
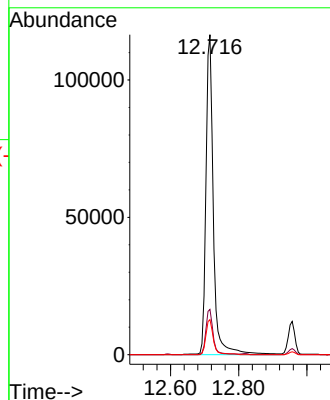
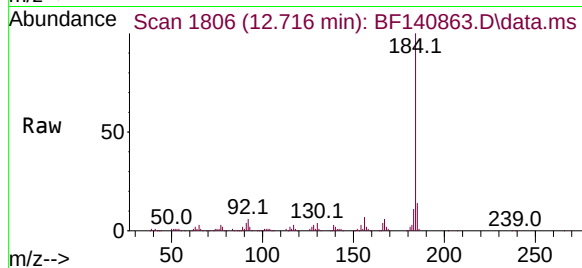




#77
Benzidine
Concen: 36.642 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

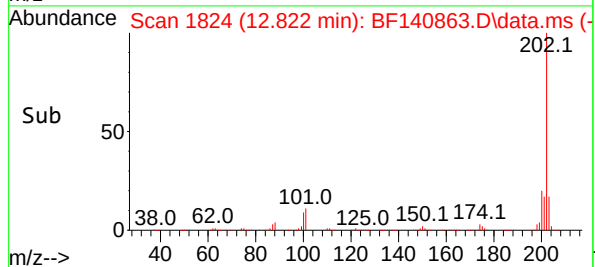
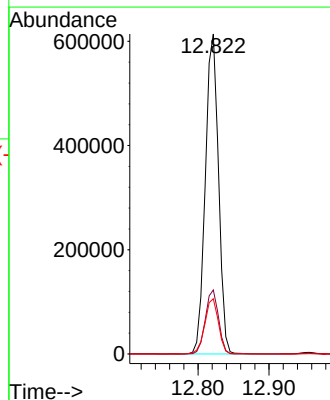
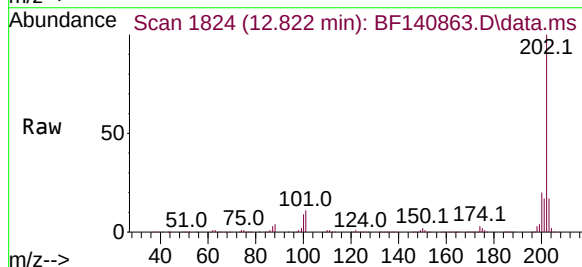
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

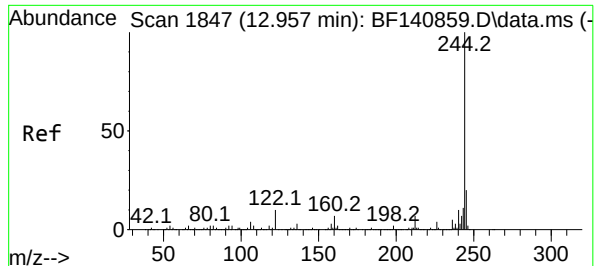
Tgt Ion:184 Resp: 176802
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 10.9 9.0 13.4



#78
Pyrene
Concen: 37.714 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:202 Resp: 792874
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.3 14.2 21.4

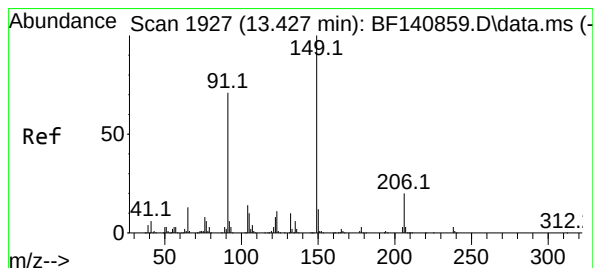
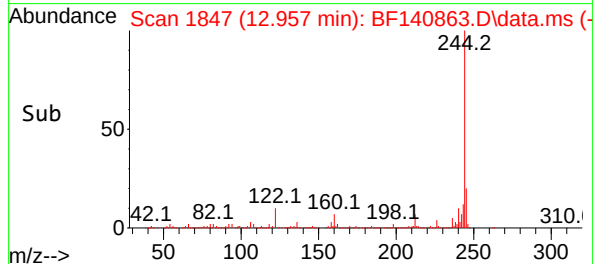
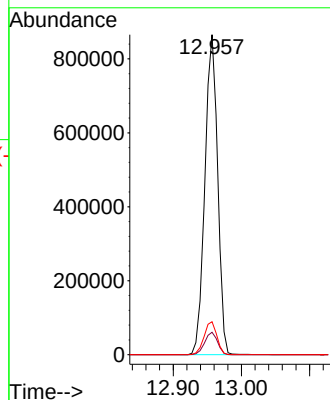
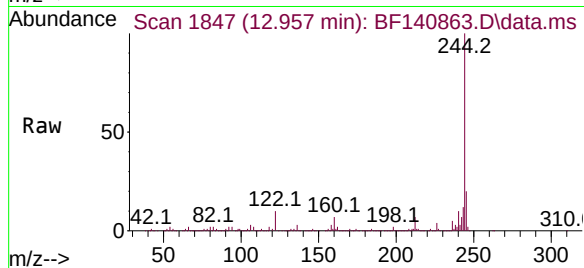




#79
Terphenyl-d14
Concen: 75.108 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

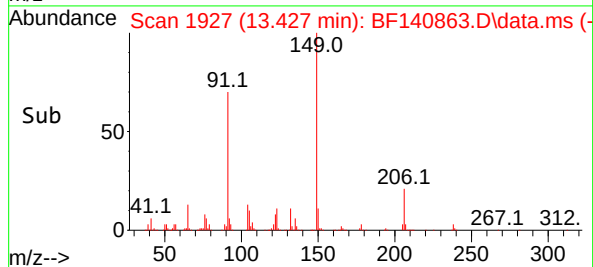
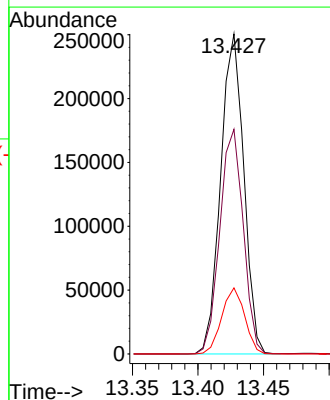
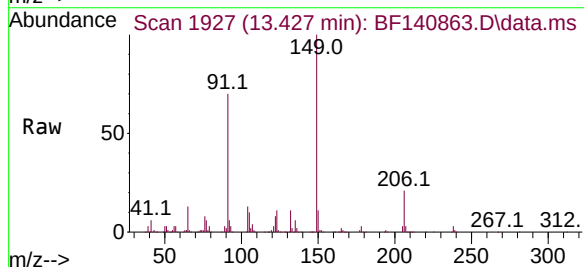
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

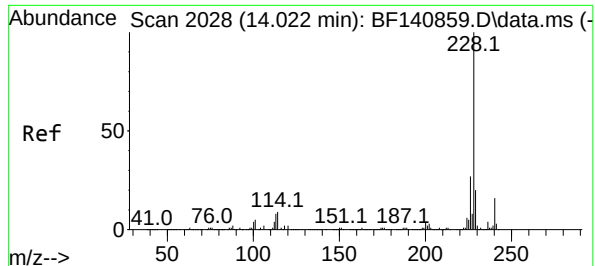
Tgt Ion:244 Resp: 1126061
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.3 8.2 12.2



#80
Butylbenzylphthalate
Concen: 39.692 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

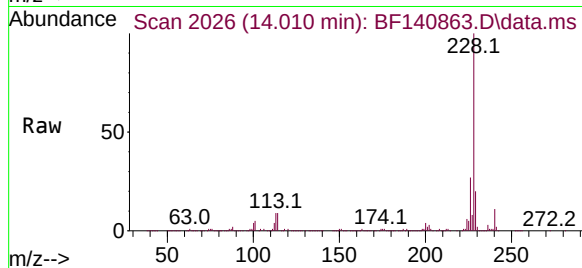
Tgt Ion:149 Resp: 307036
Ion Ratio Lower Upper
149 100
91 70.2 56.7 85.1
206 20.6 16.4 24.6



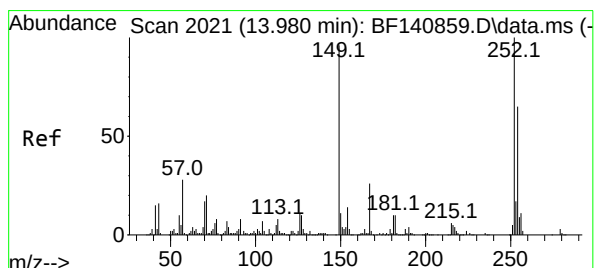
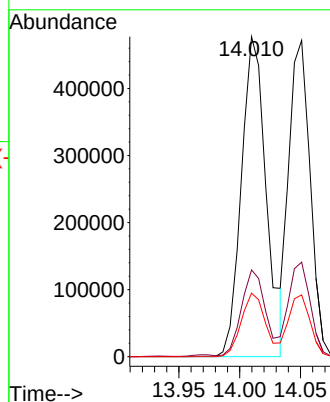
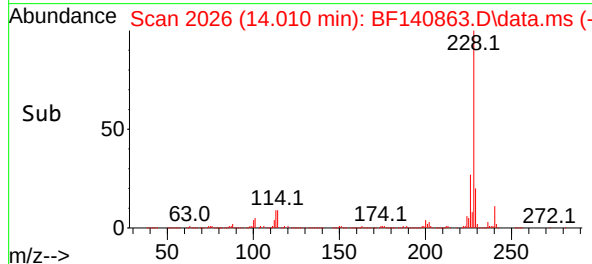


#81
Benzo(a)anthracene
Concen: 40.525 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

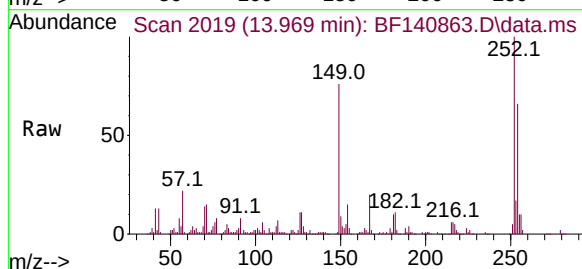
Instrument :
BNA_F
ClientSampleId :
ICVBF121624



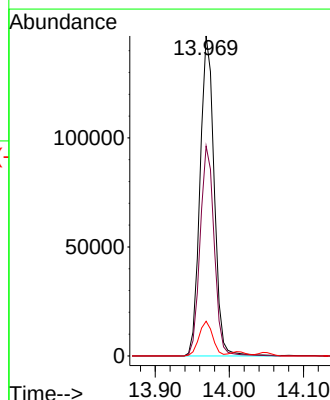
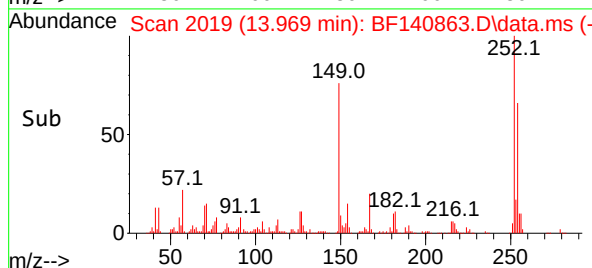
Tgt Ion:228 Resp: 679017
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.8

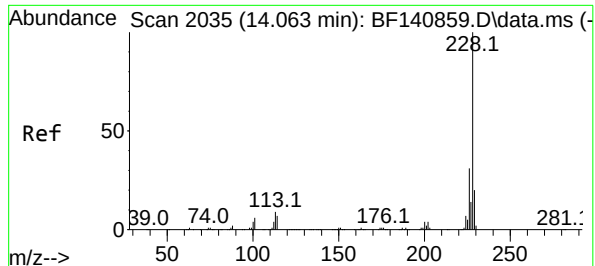


#82
3,3'-Dichlorobenzidine
Concen: 38.459 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41



Tgt Ion:252 Resp: 194418
Ion Ratio Lower Upper
252 100
254 65.6 52.3 78.5
126 10.8 8.4 12.6

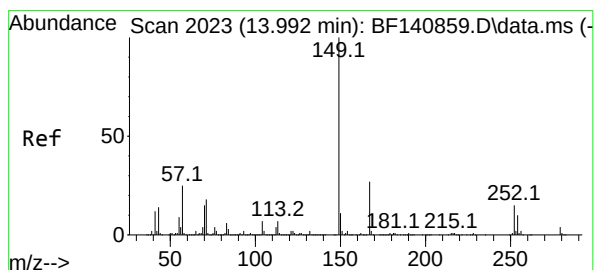
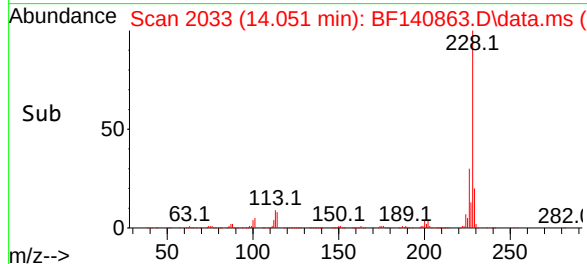
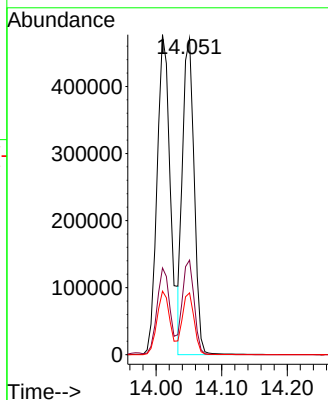
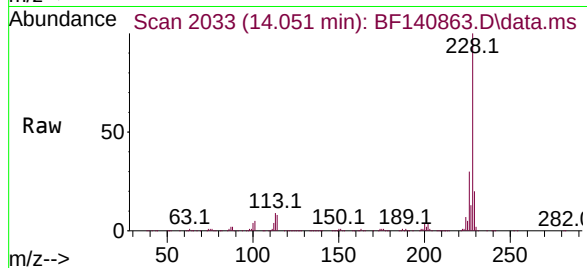




#83
Chrysene
Concen: 37.695 ng
RT: 14.051 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

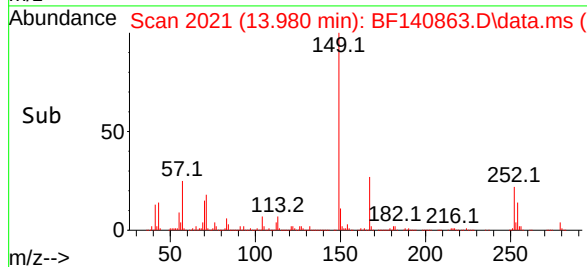
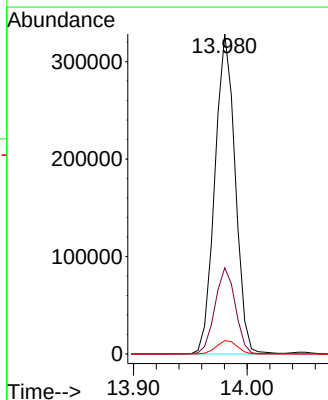
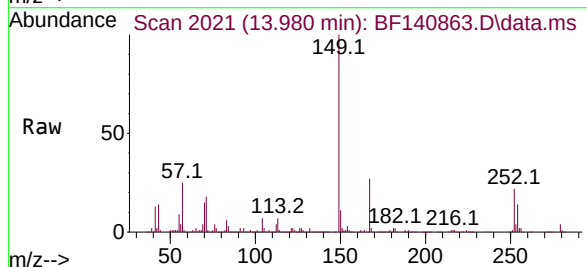
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

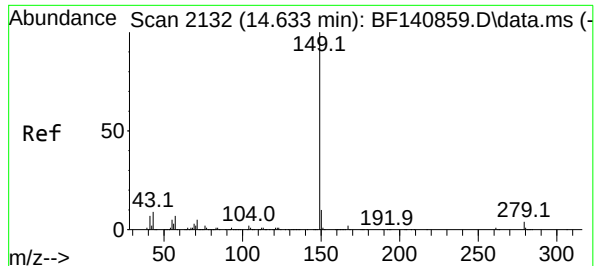
Tgt Ion:228 Resp: 574336
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.5 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.982 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:149 Resp: 408768
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.2 3.5 5.3

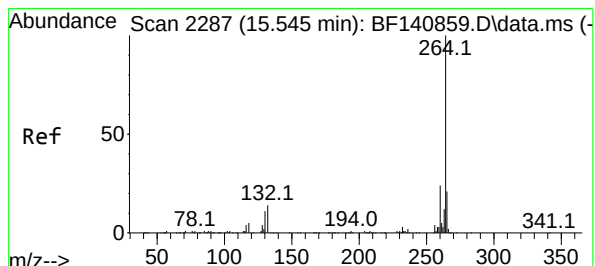
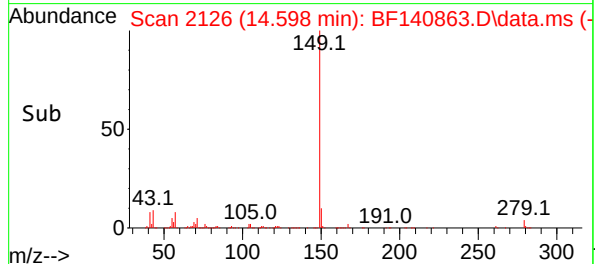
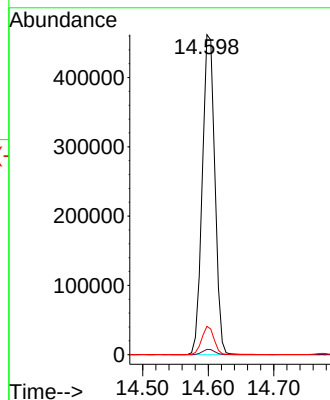
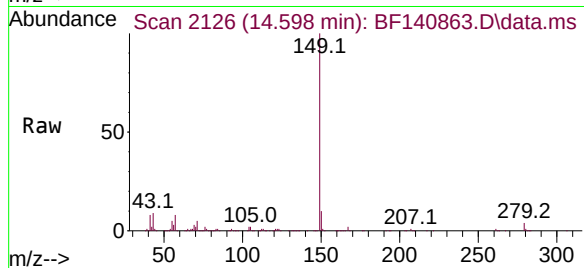




#85
Di-n-octyl phthalate
Concen: 40.907 ng
RT: 14.598 min Scan# 2132
Delta R.T. -0.035 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

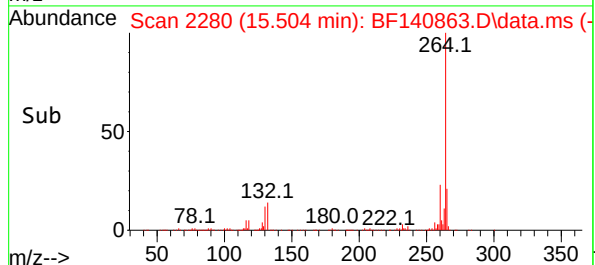
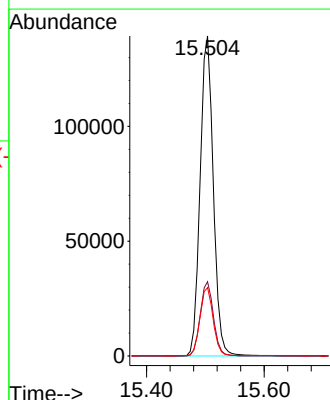
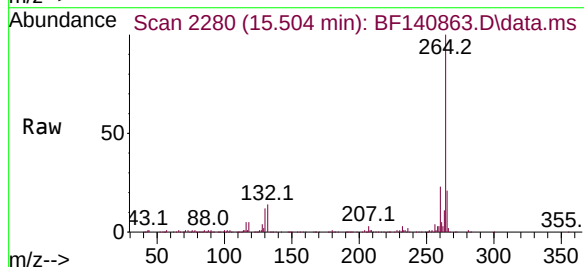
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

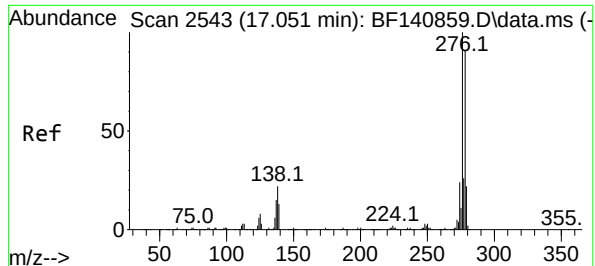
Tgt Ion:149 Resp: 617289
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.041 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:264 Resp: 217277
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.4 17.0 25.4

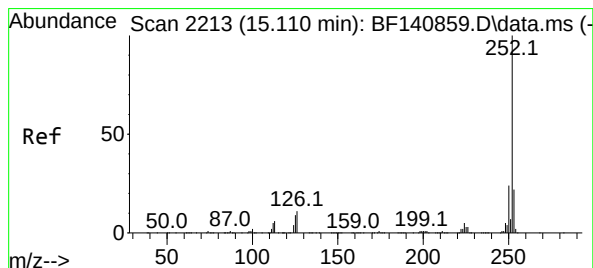
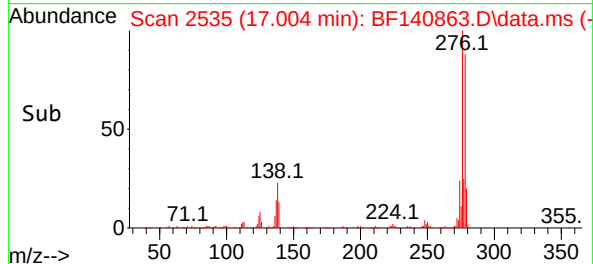
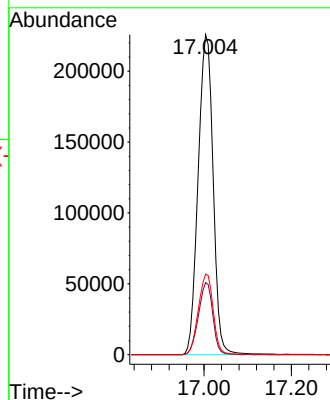
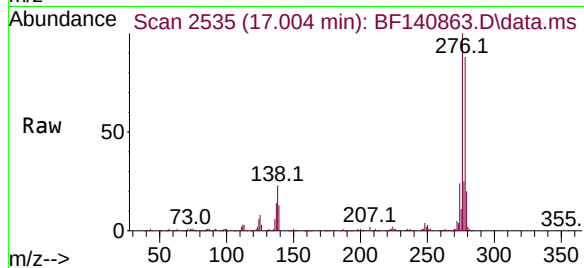




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.762 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

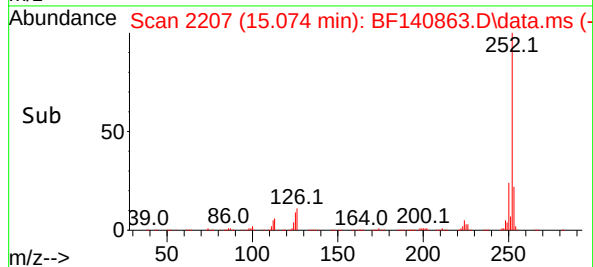
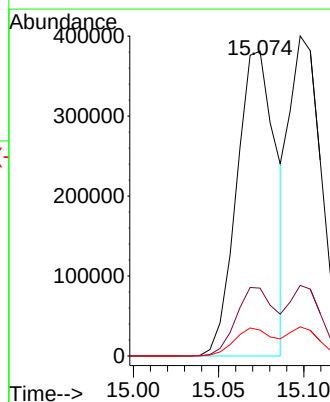
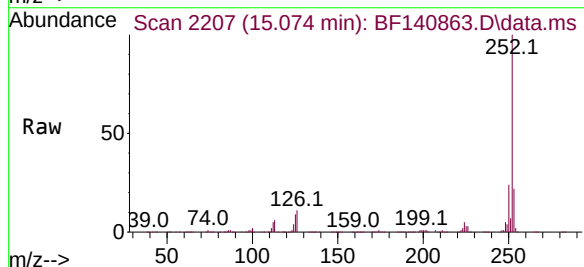
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

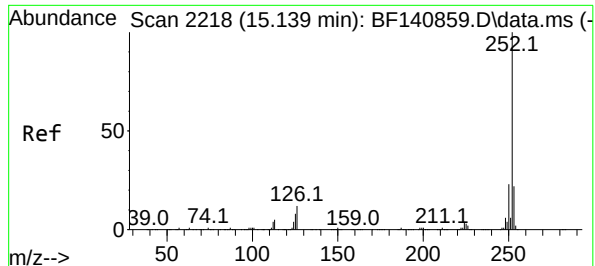
Tgt Ion:276 Resp: 539135
Ion Ratio Lower Upper
276 100
138 21.4 16.9 25.3
277 25.0 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 40.410 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.035 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:252 Resp: 609480
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 40.601 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

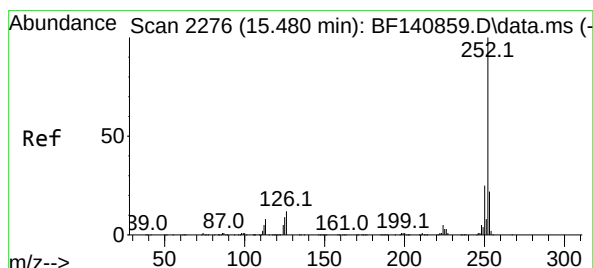
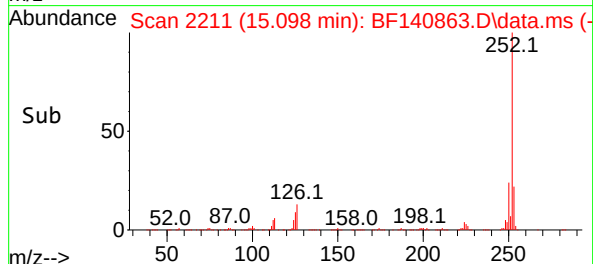
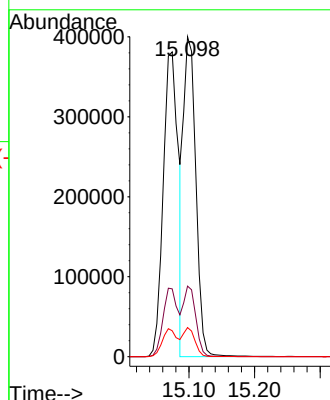
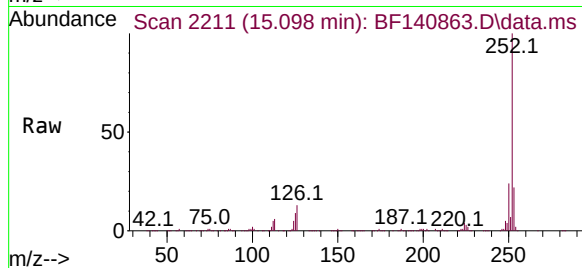
Tgt Ion:252 Resp: 525272

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.873 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.041 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

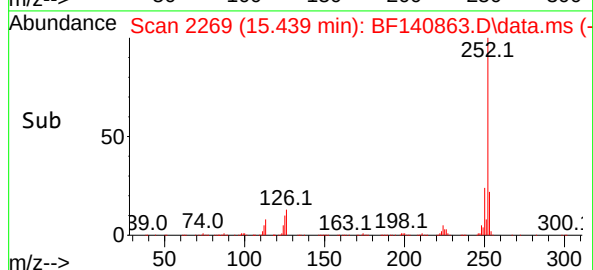
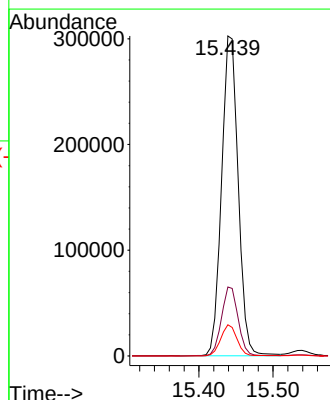
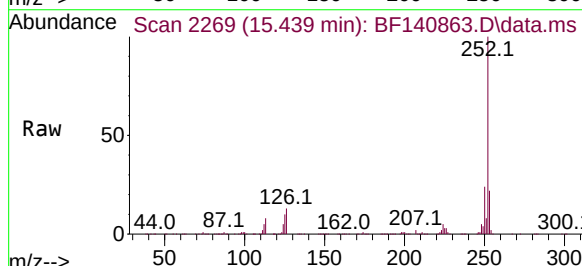
Tgt Ion:252 Resp: 470896

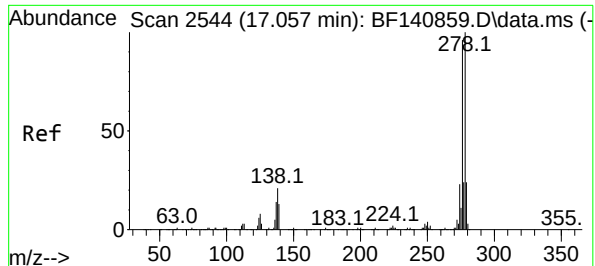
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.8 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 40.237 ng

RT: 17.009 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

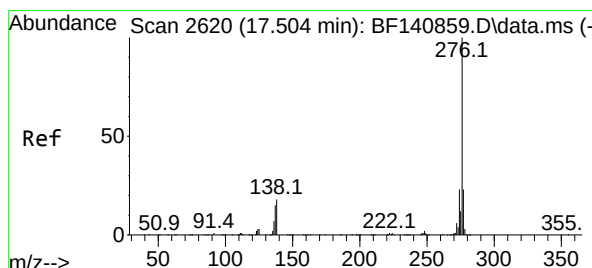
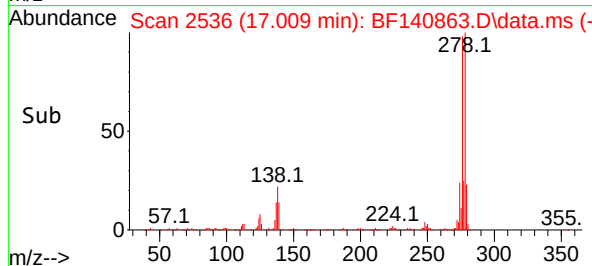
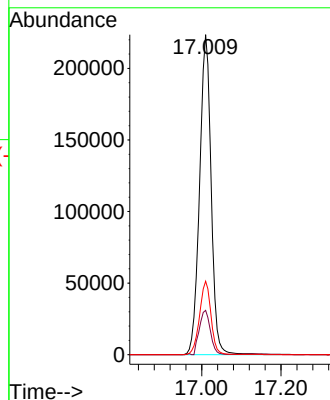
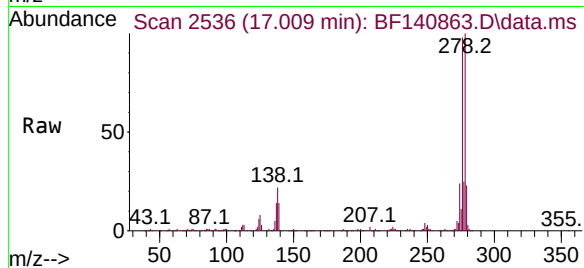
Tgt Ion:278 Resp: 451973

Ion Ratio Lower Upper

278 100

139 13.8 10.6 16.0

279 22.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 36.565 ng

RT: 17.457 min Scan# 2612

Delta R.T. -0.047 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

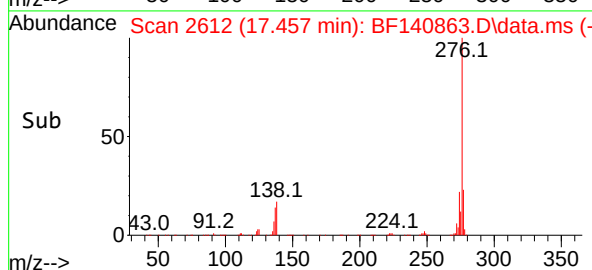
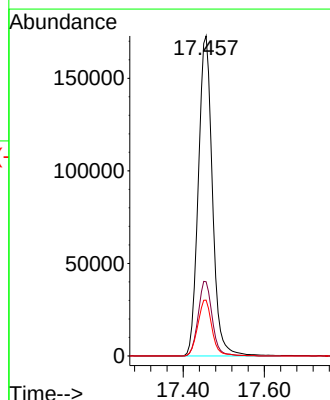
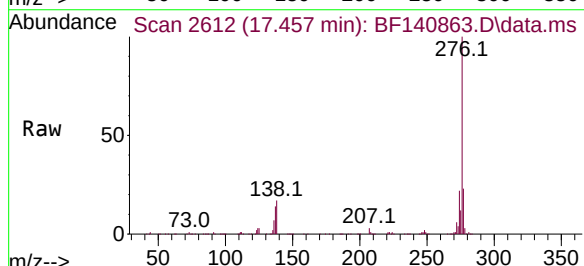
Tgt Ion:276 Resp: 418030

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 17.4 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

Quant Time: Dec 16 17:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	113	0.00
2	1,4-Dioxane	0.523	0.423	19.1	95	-0.02
3	Pyridine	1.212	1.057	12.8	98	-0.02
4	n-Nitrosodimethylamine	0.611	0.519	15.1	97	-0.02
5 S	2-Fluorophenol	1.215	1.157	4.8	109	0.00
6	Aniline	1.376	1.364	0.9	112	0.00
7 S	Phenol-d6	1.609	1.533	4.7	111	0.00
8	2-Chlorophenol	1.325	1.284	3.1	112	0.00
9	Benzaldehyde	0.892	0.903	-1.2	118	0.00
10 C	Phenol	1.668	1.613	3.3	112	0.00
11	bis(2-Chloroethyl)ether	1.244	1.228	1.3	113	0.00
12	1,3-Dichlorobenzene	1.510	1.476	2.3	114	0.00
13 C	1,4-Dichlorobenzene	1.532	1.523	0.6	115	0.00
14	1,2-Dichlorobenzene	1.446	1.429	1.2	113	0.00
15	Benzyl Alcohol	1.151	1.144	0.6	113	0.00
16	2,2'-oxybis(1-Chloropropane	1.465	1.501	-2.5	118	0.00
17	2-Methylphenol	1.058	1.063	-0.5	116	0.00
18	Hexachloroethane	0.570	0.564	1.1	115	0.00
19 P	n-Nitroso-di-n-propylamine	0.965	0.962	0.3	118	0.00
20	3+4-Methylphenols	1.403	1.402	0.1	117	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	123	0.00
22	Acetophenone	0.500	0.457	8.6	114	0.00
23 S	Nitrobenzene-d5	0.400	0.377	5.8	118	0.00
24	Nitrobenzene	0.410	0.387	5.6	119	0.00
25	Isophorone	0.670	0.640	4.5	121	0.00
26 C	2-Nitrophenol	0.189	0.191	-1.1	125	0.00
27	2,4-Dimethylphenol	0.220	0.223	-1.4	125	0.00
28	bis(2-Chloroethoxy)methane	0.418	0.422	-1.0	125	0.00
29 C	2,4-Dichlorophenol	0.304	0.302	0.7	124	0.00
30	1,2,4-Trichlorobenzene	0.349	0.334	4.3	120	0.00
31	Naphthalene	1.099	1.057	3.8	122	0.00
32	Benzoic acid	0.209	0.221	-5.7	129	0.00
33	4-Chloroaniline	0.365	0.343	6.0	117	0.00
34 C	Hexachlorobutadiene	0.235	0.214	8.9	113	0.00
35	Caprolactam	0.091	0.082	9.9	111	0.00
36 C	4-Chloro-3-methylphenol	0.342	0.304	11.1	111	0.00
37	2-Methylnaphthalene	0.727	0.678	6.7	116	0.00
38	1-Methylnaphthalene	0.719	0.664	7.6	116	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	113	0.00
40	1,2,4,5-Tetrachlorobenzene	0.615	0.594	3.4	115	0.00
41 P	Hexachlorocyclopentadiene	0.153	0.132	13.7	105	0.00
42 S	2,4,6-Tribromophenol	0.237	0.200	15.6	94	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.371	1.3	115	0.00
44	2,4,5-Trichlorophenol	0.414	0.413	0.2	117	0.00
45 S	2-Fluorobiphenyl	1.455	1.372	5.7	113	0.00
46	1,1'-Biphenyl	1.590	1.527	4.0	114	0.00
47	2-Chloronaphthalene	1.217	1.111	8.7	107	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

Quant Time: Dec 16 17:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	0.367	0.349	4.9	110	0.00
49	Acenaphthylene	1.788	1.683	5.9	109	0.00
50	Dimethylphthalate	1.410	1.294	8.2	107	0.00
51	2,6-Dinitrotoluene	0.322	0.303	5.9	109	0.00
52 C	Acenaphthene	1.142	1.093	4.3	111	0.00
53	3-Nitroaniline	0.320	0.318	0.6	113	0.00
54 P	2,4-Dinitrophenol	0.132	0.125	5.3	105	0.00
55	Dibenzofuran	1.770	1.642	7.2	107	0.00
56 P	4-Nitrophenol	0.150	0.157	-4.7	107	0.00
57	2,4-Dinitrotoluene	0.424	0.404	4.7	109	0.00
58	Fluorene	1.460	1.364	6.6	106	0.00
59	2,3,4,6-Tetrachlorophenol	0.337	0.357	-5.9	114	0.00
60	Diethylphthalate	1.462	1.386	5.2	109	0.00
61	4-Chlorophenyl-phenylether	0.733	0.686	6.4	108	0.00
62	4-Nitroaniline	0.334	0.325	2.7	108	0.00
63	Azobenzene	1.375	1.328	3.4	109	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.113	0.118	-4.4	107	0.00
66 c	n-Nitrosodiphenylamine	0.615	0.610	0.8	108	0.00
67	4-Bromophenyl-phenylether	0.224	0.203	9.4	98	0.00
68	Hexachlorobenzene	0.254	0.235	7.5	101	0.00
69	Atrazine	0.172	0.158	8.1	99	0.00
70 C	Pentachlorophenol	0.093	0.090	3.2	97	0.00
71	Phenanthrene	1.028	0.979	4.8	105	0.00
72	Anthracene	1.013	0.955	5.7	104	0.00
73	Carbazole	0.992	0.803	19.1	89	0.00
74	Di-n-butylphthalate	1.164	0.983	15.5	92	0.00
75 C	Fluoranthene	1.184	1.012	14.5	95	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	98	-0.01
77	Benzydine	0.408	0.374	8.3	91	0.00
78	Pyrene	1.779	1.677	5.7	97	0.00
79 S	Terphenyl-d14	1.268	1.191	6.1	97	0.00
80	Butylbenzylphthalate	0.654	0.649	0.8	99	0.00
81	Benzo(a)anthracene	1.417	1.436	-1.3	104	-0.01
82	3,3'-Dichlorobenzidine	0.428	0.411	4.0	98	-0.01
83	Chrysene	1.289	1.215	5.7	94	-0.01
84	Bis(2-ethylhexyl)phthalate	0.844	0.865	-2.5	103	-0.01
85 c	Di-n-octyl phthalate	1.277	1.306	-2.3	105	-0.04
86 I	Perylene-d12	1.000	1.000	0.0	107	-0.04
87	Indeno(1,2,3-cd)pyrene	1.248	1.241	0.6	105	-0.05
88	Benzo(b)fluoranthene	1.388	1.403	-1.1	116	-0.04
89	Benzo(k)fluoranthene	1.191	1.209	-1.5	106	-0.04
90 C	Benzo(a)pyrene	1.087	1.084	0.3	108	-0.04
91	Dibenzo(a,h)anthracene	1.034	1.040	-0.6	105	-0.05
92	Benzo(g,h,i)perylene	1.052	0.962	8.6	96	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
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\BF121624\
 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
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Instrument :
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Quant Time: Dec 16 17:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	113	0.00
2	1,4-Dioxane	40.000	32.360	19.1	95	-0.02
3	Pyridine	40.000	34.882	12.8	98	-0.02
4	n-Nitrosodimethylamine	40.000	33.984	15.0	97	-0.02
5 S	2-Fluorophenol	80.000	76.184	4.8	109	0.00
6	Aniline	40.000	39.644	0.9	112	0.00
7 S	Phenol-d6	80.000	76.229	4.7	111	0.00
8	2-Chlorophenol	40.000	38.761	3.1	112	0.00
9	Benzaldehyde	40.000	40.491	-1.2	118	0.00
10 C	Phenol	40.000	38.683	3.3	112	0.00
11	bis(2-Chloroethyl)ether	40.000	39.504	1.2	113	0.00
12	1,3-Dichlorobenzene	40.000	39.111	2.2	114	0.00
13 C	1,4-Dichlorobenzene	40.000	39.745	0.6	115	0.00
14	1,2-Dichlorobenzene	40.000	39.527	1.2	113	0.00
15	Benzyl Alcohol	40.000	39.782	0.5	113	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.970	-2.4	118	0.00
17	2-Methylphenol	40.000	40.189	-0.5	116	0.00
18	Hexachloroethane	40.000	39.568	1.1	115	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.861	0.3	118	0.00
20	3+4-Methylphenols	40.000	39.995	0.0	117	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	123	0.00
22	Acetophenone	40.000	36.536	8.7	114	0.00
23 S	Nitrobenzene-d5	80.000	75.408	5.7	118	0.00
24	Nitrobenzene	40.000	37.836	5.4	119	0.00
25	Isophorone	40.000	38.231	4.4	121	0.00
26 C	2-Nitrophenol	40.000	40.407	-1.0	125	0.00
27	2,4-Dimethylphenol	40.000	40.466	-1.2	125	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.334	-0.8	125	0.00
29 C	2,4-Dichlorophenol	40.000	39.658	0.9	124	0.00
30	1,2,4-Trichlorobenzene	40.000	38.332	4.2	120	0.00
31	Naphthalene	40.000	38.473	3.8	122	0.00
32	Benzoic acid	40.000	42.351	-5.9	129	0.00
33	4-Chloroaniline	40.000	37.650	5.9	117	0.00
34 C	Hexachlorobutadiene	40.000	36.462	8.8	113	0.00
35	Caprolactam	40.000	36.113	9.7	111	0.00
36 C	4-Chloro-3-methylphenol	40.000	35.477	11.3	111	0.00
37	2-Methylnaphthalene	40.000	37.337	6.7	116	0.00
38	1-Methylnaphthalene	40.000	36.969	7.6	116	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	113	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.668	3.3	115	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.672	5.8	105	0.00
42 S	2,4,6-Tribromophenol	80.000	67.791	15.3	94	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.419	1.5	115	0.00
44	2,4,5-Trichlorophenol	40.000	39.895	0.3	117	0.00
45 S	2-Fluorobiphenyl	80.000	75.432	5.7	113	0.00
46	1,1'-Biphenyl	40.000	38.412	4.0	114	0.00
47	2-Chloronaphthalene	40.000	36.522	8.7	107	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

Quant Time: Dec 16 17:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	37.990	5.0	110	0.00
49	Acenaphthylene	40.000	37.651	5.9	109	0.00
50	Dimethylphthalate	40.000	36.704	8.2	107	0.00
51	2,6-Dinitrotoluene	40.000	37.595	6.0	109	0.00
52 C	Acenaphthene	40.000	38.275	4.3	111	0.00
53	3-Nitroaniline	40.000	39.722	0.7	113	0.00
54 P	2,4-Dinitrophenol	40.000	35.766	10.6	105	0.00
55	Dibenzofuran	40.000	37.113	7.2	107	0.00
56 P	4-Nitrophenol	40.000	38.834	2.9	107	0.00
57	2,4-Dinitrotoluene	40.000	38.076	4.8	109	0.00
58	Fluorene	40.000	37.370	6.6	106	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.405	-6.0	114	0.00
60	Diethylphthalate	40.000	37.926	5.2	109	0.00
61	4-Chlorophenyl-phenylether	40.000	37.398	6.5	108	0.00
62	4-Nitroaniline	40.000	38.912	2.7	108	0.00
63	Azobenzene	40.000	38.657	3.4	109	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.637	-4.1	107	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.710	0.7	108	0.00
67	4-Bromophenyl-phenylether	40.000	36.329	9.2	98	0.00
68	Hexachlorobenzene	40.000	37.132	7.2	101	0.00
69	Atrazine	40.000	36.838	7.9	99	0.00
70 C	Pentachlorophenol	40.000	38.679	3.3	97	0.00
71	Phenanthrene	40.000	38.078	4.8	105	0.00
72	Anthracene	40.000	37.720	5.7	104	0.00
73	Carbazole	40.000	32.390	19.0	89	0.00
74	Di-n-butylphthalate	40.000	33.782	15.5	92	0.00
75 C	Fluoranthene	40.000	34.163	14.6	95	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	98	-0.01
77	Benzydine	40.000	36.642	8.4	91	0.00
78	Pyrene	40.000	37.714	5.7	97	0.00
79 S	Terphenyl-d14	80.000	75.108	6.1	97	0.00
80	Butylbenzylphthalate	40.000	39.692	0.8	99	0.00
81	Benzo(a)anthracene	40.000	40.525	-1.3	104	-0.01
82	3,3'-Dichlorobenzidine	40.000	38.459	3.9	98	-0.01
83	Chrysene	40.000	37.695	5.8	94	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.982	-2.5	103	-0.01
85 c	Di-n-octyl phthalate	40.000	40.907	-2.3	105	-0.04
86 I	Perylene-d12	20.000	20.000	0.0	107	-0.04
87	Indeno(1,2,3-cd)pyrene	40.000	39.762	0.6	105	-0.05
88	Benzo(b)fluoranthene	40.000	40.410	-1.0	116	-0.04
89	Benzo(k)fluoranthene	40.000	40.601	-1.5	106	-0.04
90 C	Benzo(a)pyrene	40.000	39.873	0.3	108	-0.04
91	Dibenzo(a,h)anthracene	40.000	40.237	-0.6	105	-0.05
92	Benzo(g,h,i)perylene	40.000	36.565	8.6	96	-0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140863.D
Acq On : 16 Dec 2024 16:41
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

Quant Time: Dec 16 17:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: P5291 SAS No.: P5291 SDG No.: P5291

Instrument ID: BNA_F Calibration Date/Time: 12/19/2024 11:38

Lab File ID: BF140918.D Init. Calib. Date(s): 12/16/2024 12/16/2024

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:13 16:15

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.212	1.128		-6.9	
2-Fluorophenol	1.215	1.221		0.5	
Phenol-d6	1.609	1.487		-7.6	
1,4-Dichlorobenzene	1.532	1.474		-3.8	20.0
2-Methylphenol	1.058	0.965		-8.8	
3+4-Methylphenols	1.403	1.307		-6.8	
Nitrobenzene-d5	0.400	0.386		-3.5	
Hexachloroethane	0.570	0.530		-7.0	
Nitrobenzene	0.410	0.392		-4.4	
Hexachlorobutadiene	0.235	0.224		-4.7	20.0
2,4,6-Trichlorophenol	0.376	0.385		2.4	20.0
2-Fluorobiphenyl	1.455	1.472		1.2	
2,4,5-Trichlorophenol	0.414	0.412		-0.5	
2,4-Dinitrotoluene	0.424	0.419		-1.2	
2,4,6-Tribromophenol	0.237	0.237		0.0	
Hexachlorobenzene	0.254	0.242		-4.7	
Pentachlorophenol	0.093	0.077		-17.2	20.0
Terphenyl-d14	1.268	1.238		-2.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140918.D
 Acq On : 19 Dec 2024 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	84249	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	305577	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	170469	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	341650	20.000	ng	0.00
76) Chrysene-d12	14.033	240	232895	20.000	ng	0.00
86) Perylene-d12	15.515	264	172998	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	411577	80.420	ng	0.00
7) Phenol-d6	6.504	99	501242	73.945	ng	0.00
23) Nitrobenzene-d5	7.416	82	471746	77.237	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	161668	80.186	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1003441	80.929	ng	0.00
79) Terphenyl-d14	12.963	244	1153538	78.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	75828	34.398	ng	99
3) Pyridine	3.375	79	190044	37.226	ng	98
4) n-Nitrosodimethylamine	3.328	42	89458	34.760	ng	95
6) Aniline	6.516	93	218818	37.754	ng	95
8) 2-Chlorophenol	6.645	128	213969	38.339	ng	99
9) Benzaldehyde	6.410	77	143406	38.181	ng	99
10) Phenol	6.516	94	264126	37.595	ng	95
11) bis(2-Chloroethyl)ether	6.586	93	200041	38.180	ng	99
12) 1,3-Dichlorobenzene	6.792	146	241546	37.982	ng	97
13) 1,4-Dichlorobenzene	6.869	146	248345	38.472	ng	100
14) 1,2-Dichlorobenzene	7.022	146	227698	37.385	ng	98
15) Benzyl Alcohol	6.998	79	184958	38.161	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	231101	37.443	ng	90
17) 2-Methylphenol	7.116	107	162635	36.500	ng	98
18) Hexachloroethane	7.357	117	89366	37.187	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	147876	36.368	ng	99
20) 3+4-Methylphenols	7.275	107	220217	37.271	ng	# 82
22) Acetophenone	7.263	105	294496	38.526	ng	97
24) Nitrobenzene	7.439	77	239875	38.336	ng	96
25) Isophorone	7.675	82	395780	38.674	ng	100
26) 2-Nitrophenol	7.751	139	114638	39.779	ng	97
27) 2,4-Dimethylphenol	7.792	122	132424	39.347	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	249138	38.978	ng	98
29) 2,4-Dichlorophenol	8.004	162	183519	39.496	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	204009	38.301	ng	99
31) Naphthalene	8.151	128	654138	38.970	ng	99
32) Benzoic acid	7.945	122	123570	38.714	ng	97
33) 4-Chloroaniline	8.210	127	224241	40.223	ng	98
34) Hexachlorobutadiene	8.263	225	136617	38.122	ng	100
35) Caprolactam	8.592	113	60832	43.976	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	202329	38.688	ng	99
37) 2-Methylnaphthalene	8.845	142	434855	39.163	ng	99
38) 1-Methylnaphthalene	8.939	142	415212	37.810	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	215076	41.048	ng	100
41) Hexachlorocyclopentadiene	8.992	237	37591	33.321	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	131103	40.863	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140918.D
 Acq On : 19 Dec 2024 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

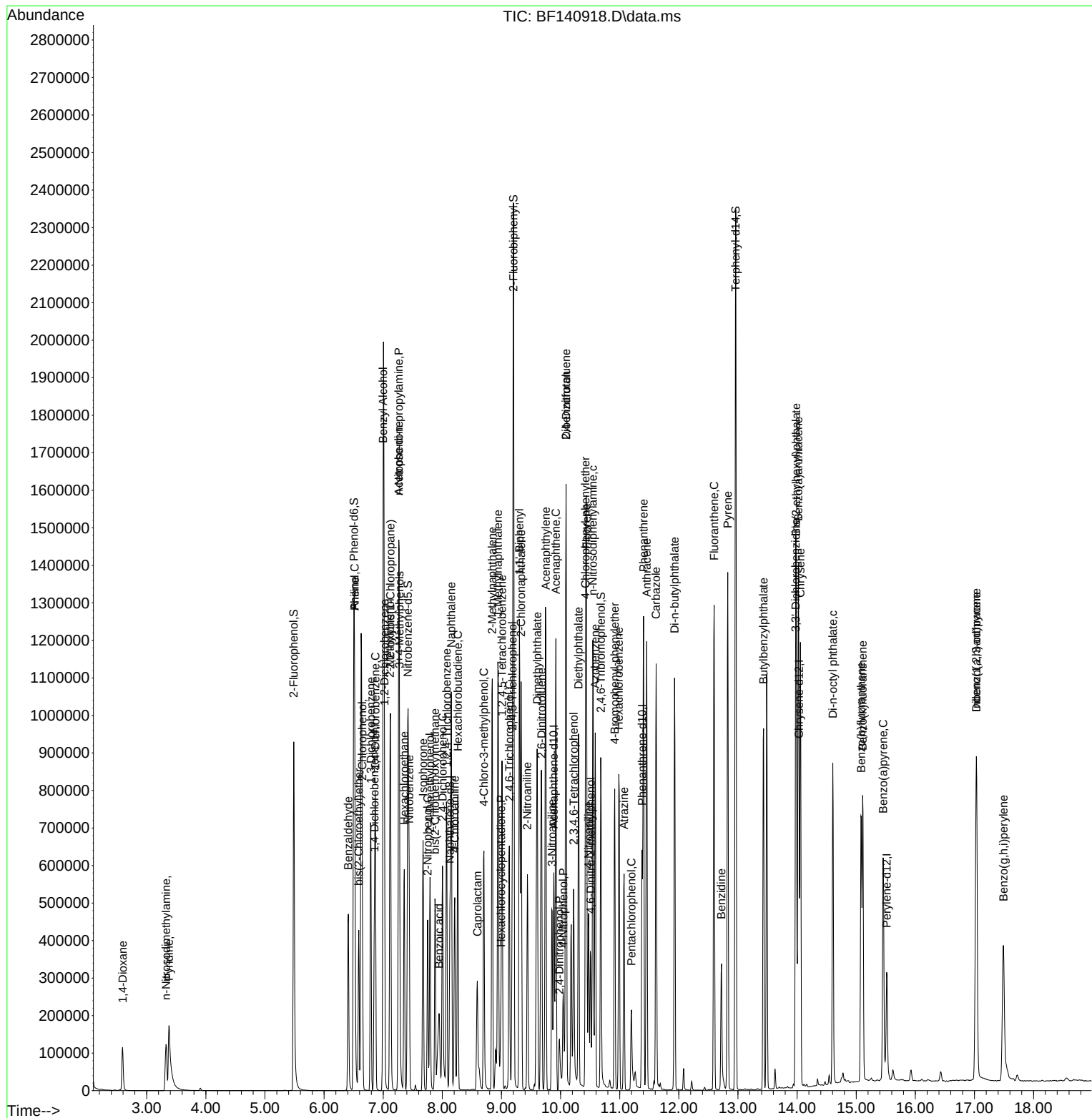
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	140360	39.803	ng	99
46) 1,1'-Biphenyl	9.304	154	561991	41.459	ng	98
47) 2-Chloronaphthalene	9.333	162	431564	41.616	ng	99
48) 2-Nitroaniline	9.439	65	133473	42.617	ng	96
49) Acenaphthylene	9.751	152	652886	42.842	ng	99
50) Dimethylphthalate	9.604	163	499397	41.552	ng	100
51) 2,6-Dinitrotoluene	9.680	165	112231	40.848	ng	96
52) Acenaphthene	9.922	154	377262	38.754	ng	100
53) 3-Nitroaniline	9.857	138	111648	40.947	ng	97
54) 2,4-Dinitrophenol	9.980	184	42021	35.324	ng	91
55) Dibenzofuran	10.092	168	586539	38.883	ng	99
56) 4-Nitrophenol	10.045	139	61754	44.209	ng	99
57) 2,4-Dinitrotoluene	10.092	165	142779	39.496	ng	100
58) Fluorene	10.439	166	494118	39.705	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	119606	41.624	ng	93
60) Diethylphthalate	10.304	149	489083	39.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	254131	40.653	ng	97
62) 4-Nitroaniline	10.474	138	119268	41.859	ng	95
63) Azobenzene	10.586	77	474575	40.505	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	79849	41.245	ng	96
66) n-Nitrosodiphenylamine	10.545	169	433206	41.241	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	143364	37.509	ng	98
68) Hexachlorobenzene	10.986	284	165408	38.170	ng	98
69) Atrazine	11.074	200	98779	33.670	ng	97
70) Pentachlorophenol	11.198	266	52928	33.407	ng	99
71) Phenanthrene	11.404	178	676035	38.479	ng	100
72) Anthracene	11.457	178	659532	38.119	ng	100
73) Carbazole	11.616	167	671330	39.613	ng	100
74) Di-n-butylphthalate	11.927	149	798949	40.170	ng	100
75) Fluoranthene	12.598	202	772766	38.192	ng	100
77) Benzidine	12.721	184	225655	47.473	ng	100
78) Pyrene	12.827	202	814346	39.321	ng	100
80) Butylbenzylphthalate	13.433	149	325092	42.661	ng	99
81) Benzo(a)anthracene	14.021	228	645218	39.090	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	194188	38.994	ng	98
83) Chrysene	14.057	228	585267	38.993	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	410498	41.777	ng	99
85) Di-n-octyl phthalate	14.604	149	581635	39.126	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	481528	44.604	ng	100
88) Benzo(b)fluoranthene	15.086	252	472804	39.372	ng	99
89) Benzo(k)fluoranthene	15.109	252	402948	39.117	ng	99
90) Benzo(a)pyrene	15.456	252	372061	39.568	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	399099	44.623	ng	98
92) Benzo(g,h,i)perylene	17.492	276	400706	44.021	ng	100

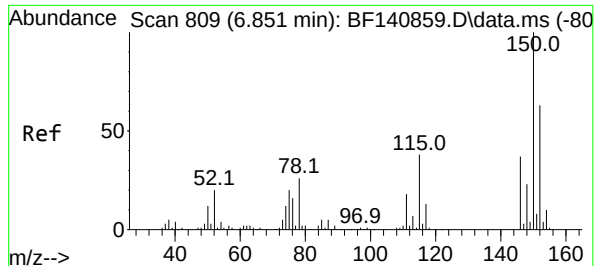
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

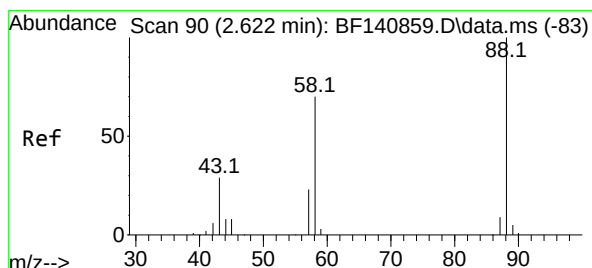
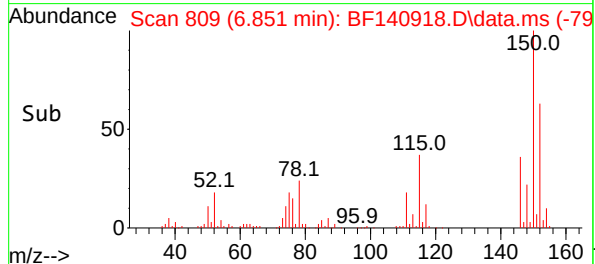
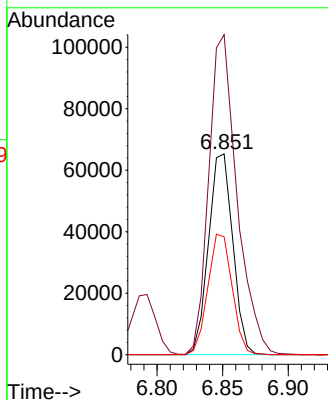
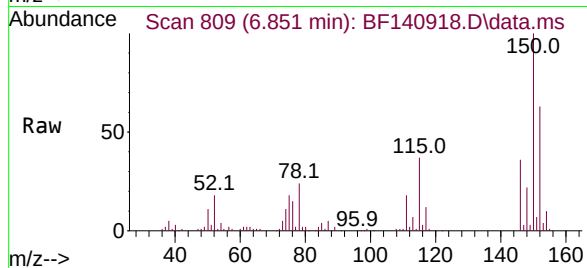




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140918.D
 Acq: 19 Dec 2024 11:38

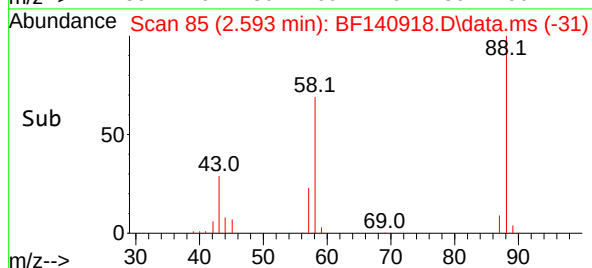
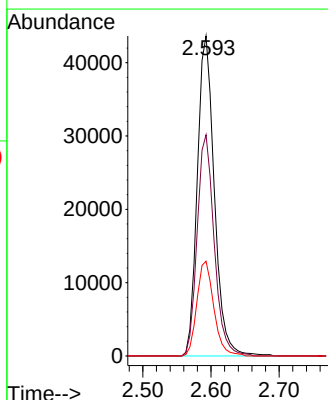
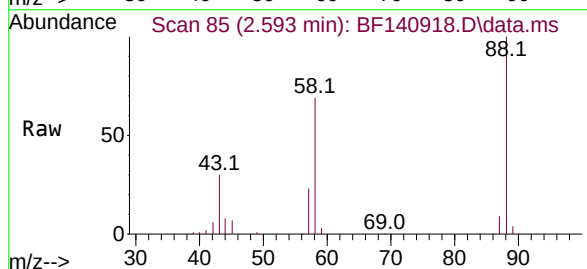
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

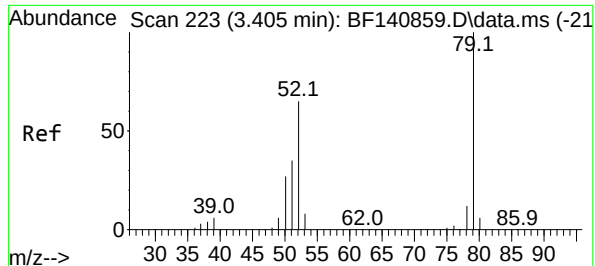
Tgt Ion:152 Resp: 84249
 Ion Ratio Lower Upper
 152 100
 150 159.4 127.9 191.9
 115 58.8 48.0 72.0



#2
 1,4-Dioxane
 Concen: 34.398 ng
 RT: 2.593 min Scan# 85
 Delta R.T. -0.030 min
 Lab File: BF140918.D
 Acq: 19 Dec 2024 11:38

Tgt Ion: 88 Resp: 75828
 Ion Ratio Lower Upper
 88 100
 58 69.1 55.8 83.8
 43 29.5 22.7 34.1

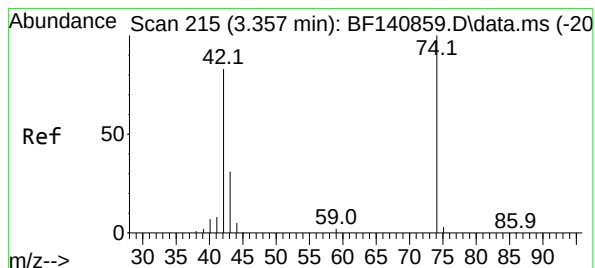
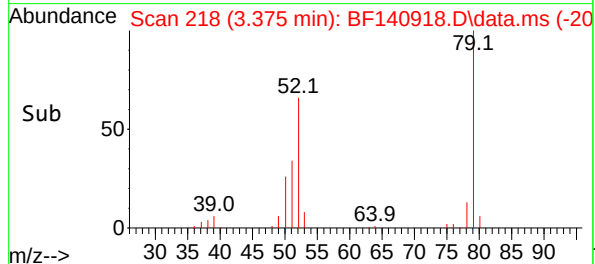
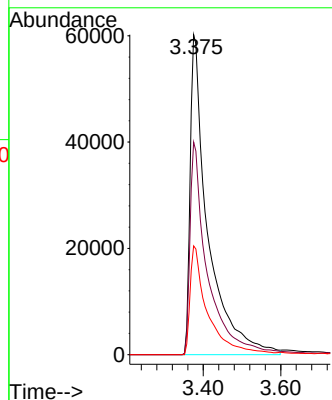
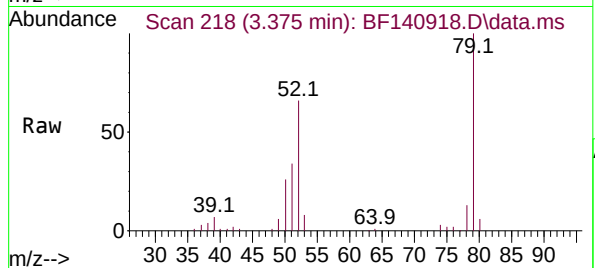




#3
Pyridine
Concen: 37.226 ng
RT: 3.375 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

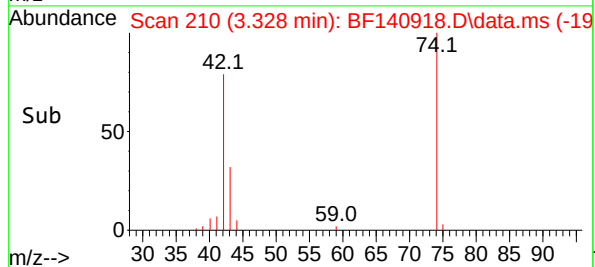
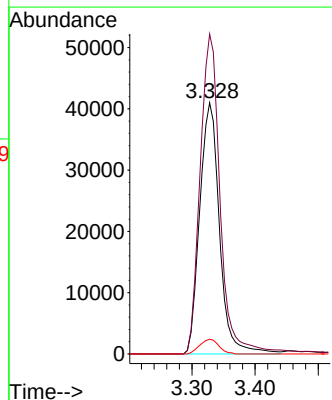
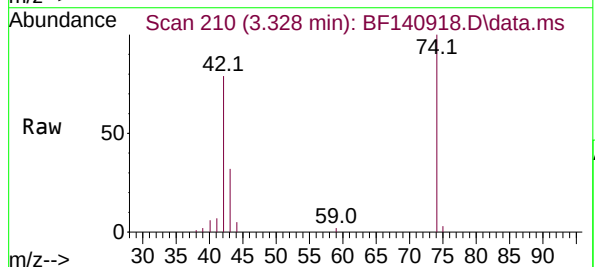
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

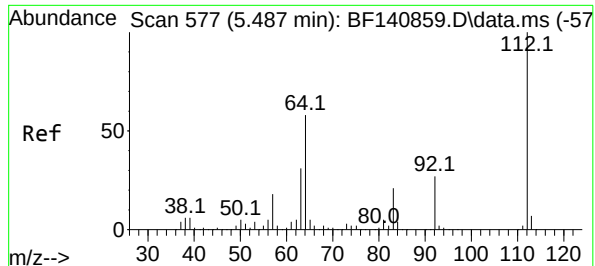
Tgt Ion: 79 Resp: 190044
Ion Ratio Lower Upper
79 100
52 66.4 51.7 77.5
51 34.0 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 34.760 ng
RT: 3.328 min Scan# 210
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 42 Resp: 89458
Ion Ratio Lower Upper
42 100
74 127.4 96.9 145.3
44 5.8 4.4 6.6

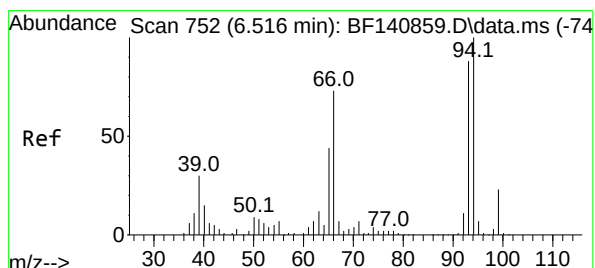
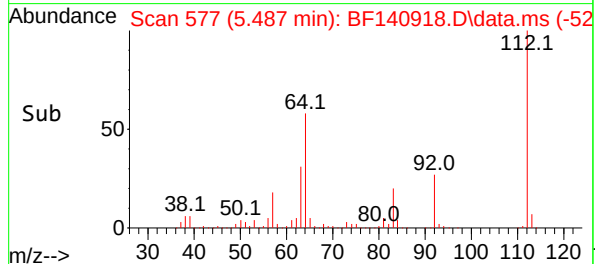
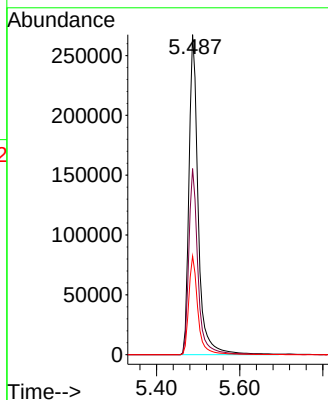
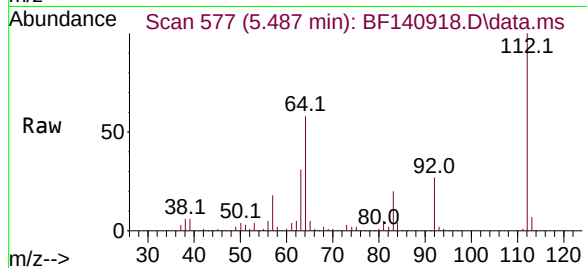




#5
2-Fluorophenol
Concen: 80.420 ng
RT: 5.487 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

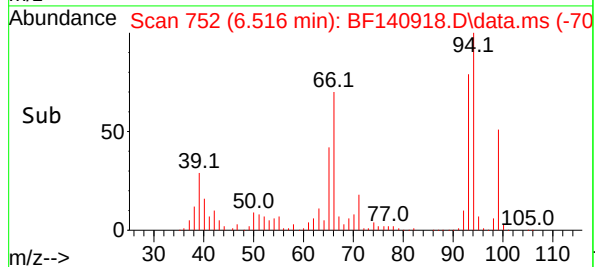
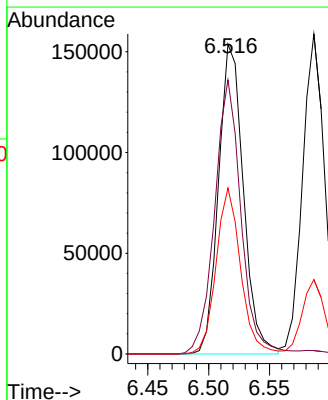
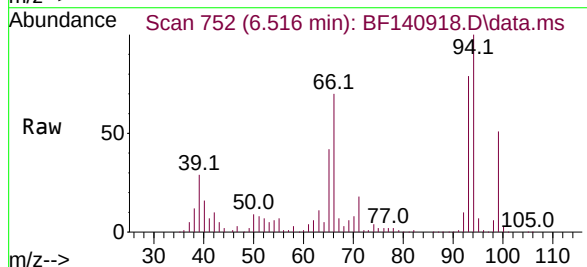
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

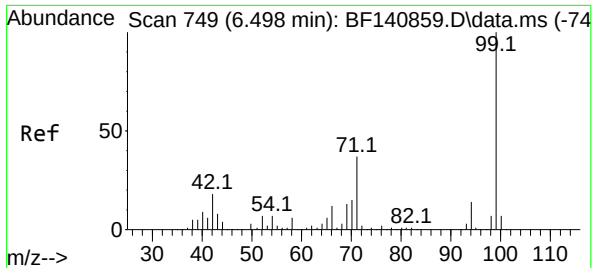
Tgt Ion:112 Resp: 411577
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 30.8 24.9 37.3



#6
Aniline
Concen: 37.754 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 93 Resp: 218818
Ion Ratio Lower Upper
93 100
66 88.5 67.0 100.4
65 53.6 40.4 60.6

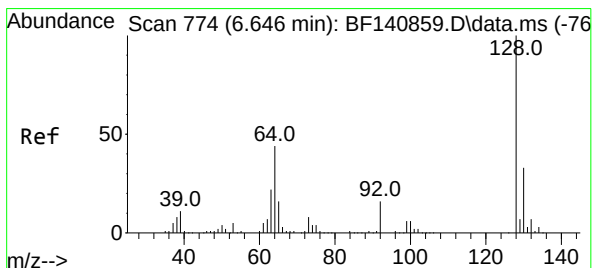
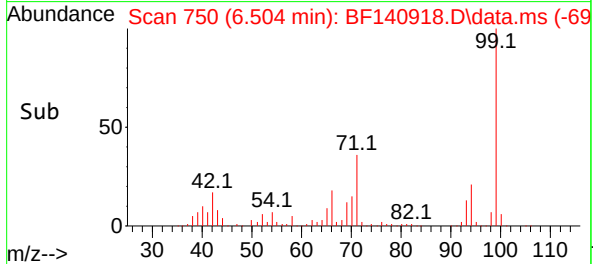
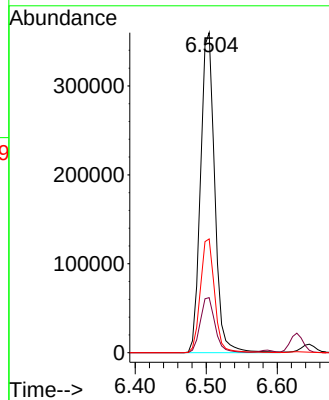
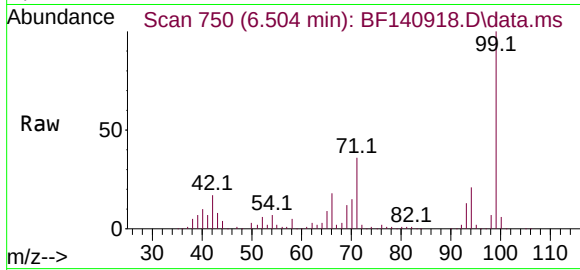




#7
Phenol-d6
Concen: 73.945 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

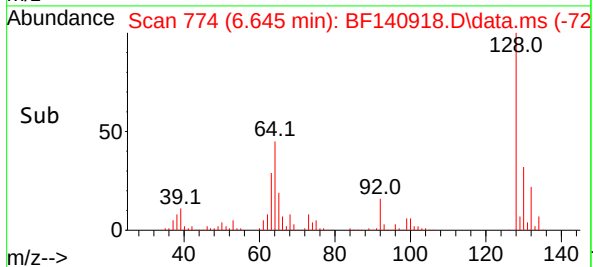
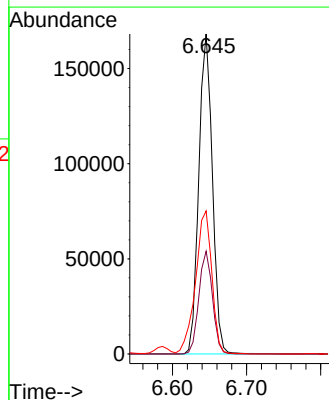
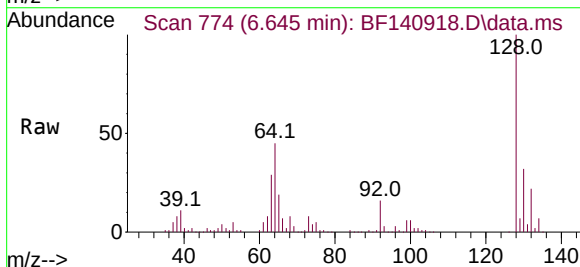
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

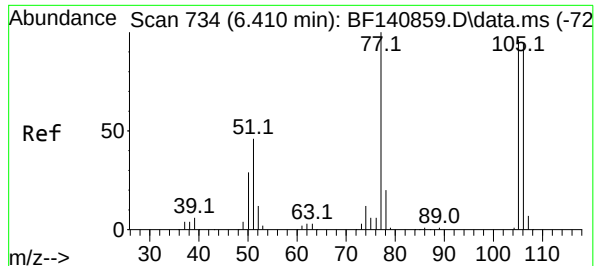
Tgt Ion: 99 Resp: 501242
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 35.6 29.9 44.9



#8
2-Chlorophenol
Concen: 38.339 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 128 Resp: 213969
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 44.7 24.3 64.3





#9

Benzaldehyde

Concen: 38.181 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

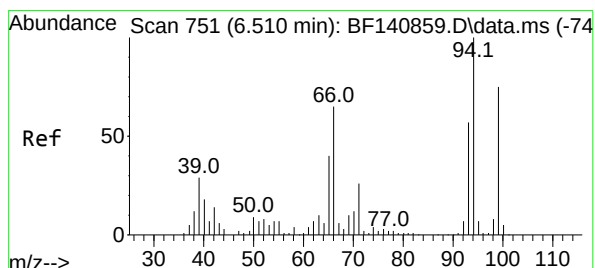
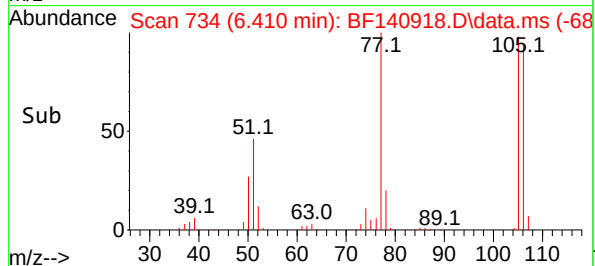
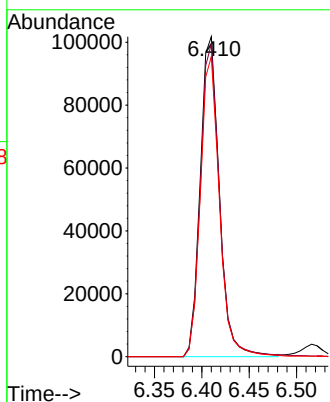
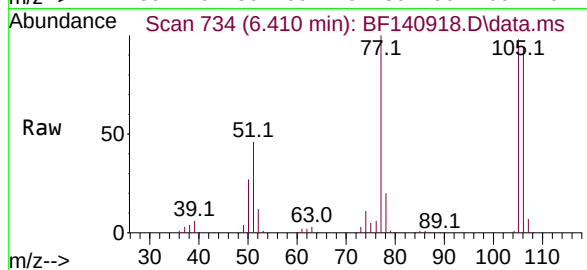
Tgt Ion: 77 Resp: 143406

Ion Ratio Lower Upper

77 100

105 97.7 75.8 115.8

106 93.8 74.1 114.1



#10

Phenol

Concen: 37.595 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

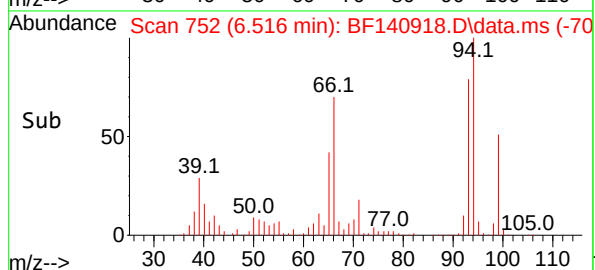
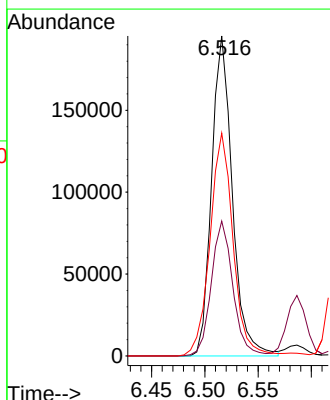
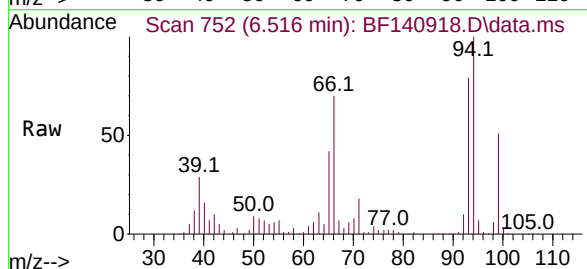
Tgt Ion: 94 Resp: 264126

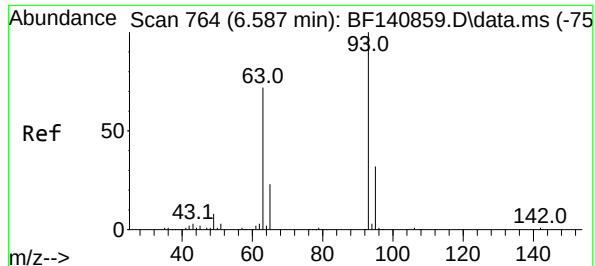
Ion Ratio Lower Upper

94 100

65 42.2 19.9 59.9

66 69.6 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 38.180 ng

RT: 6.586 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

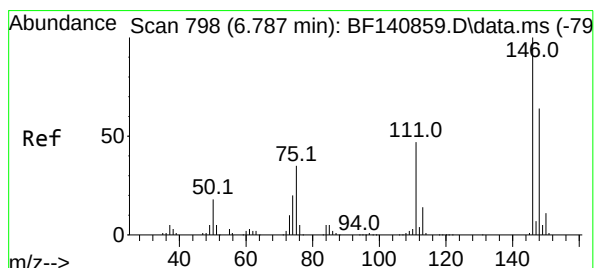
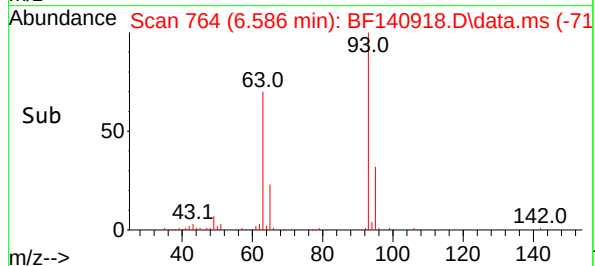
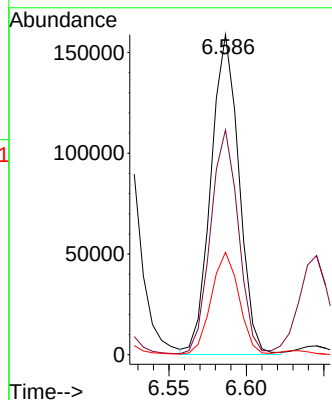
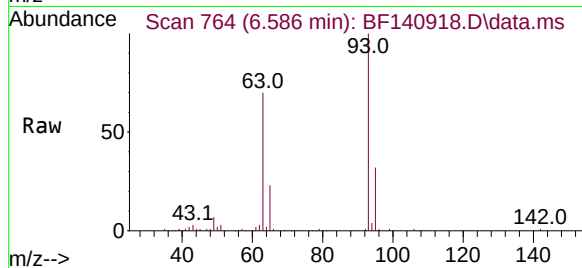
Tgt Ion: 93 Resp: 200041

Ion Ratio Lower Upper

93 100

63 70.2 51.0 91.0

95 32.0 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 37.982 ng

RT: 6.792 min Scan# 799

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

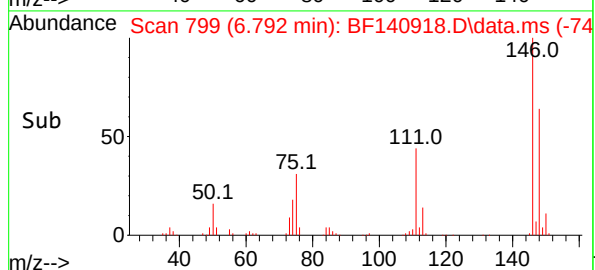
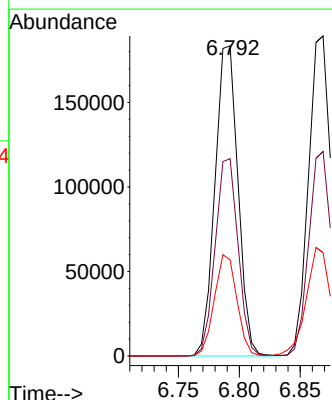
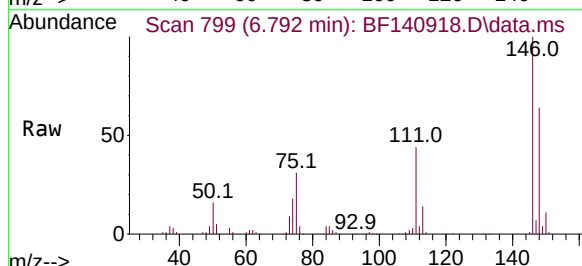
Tgt Ion: 146 Resp: 241546

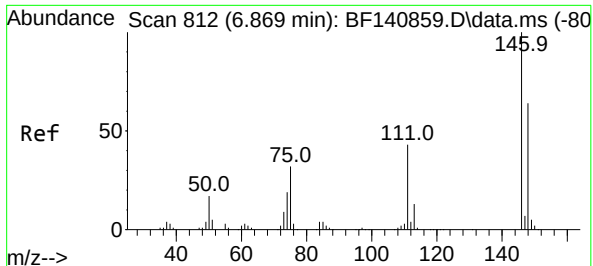
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

75 31.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.472 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

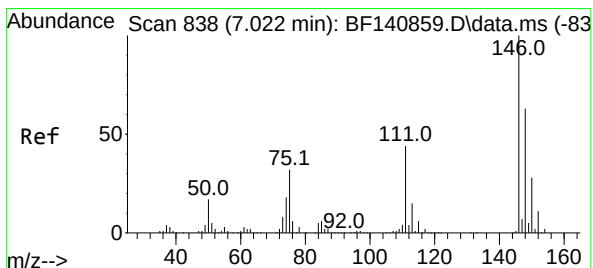
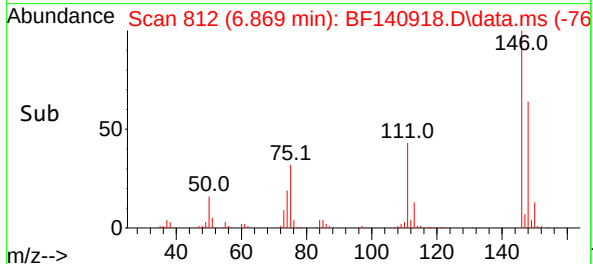
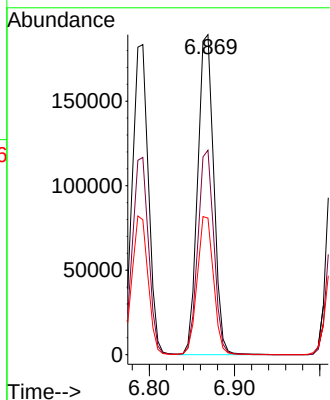
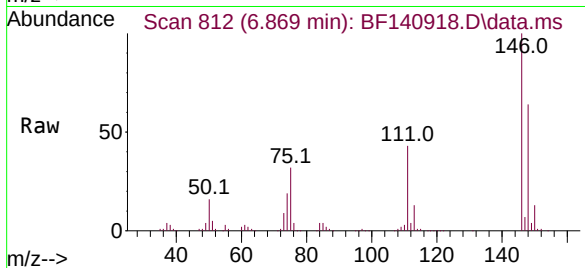
Tgt Ion:146 Resp: 248345

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

111 42.7 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 37.385 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

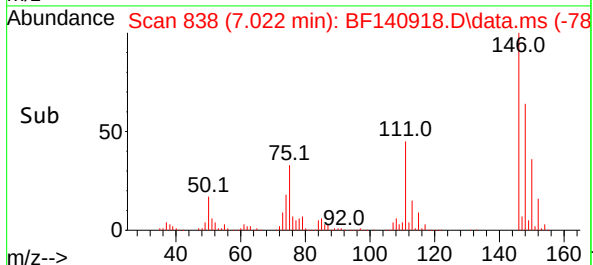
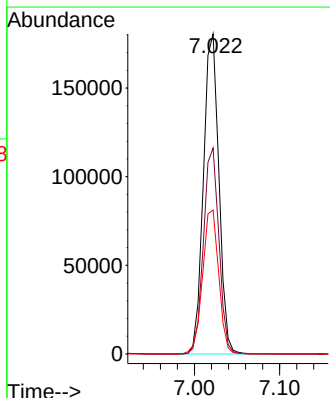
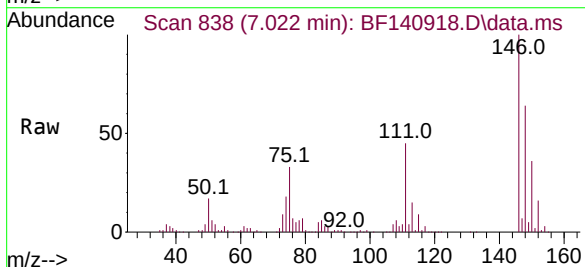
Tgt Ion:146 Resp: 227698

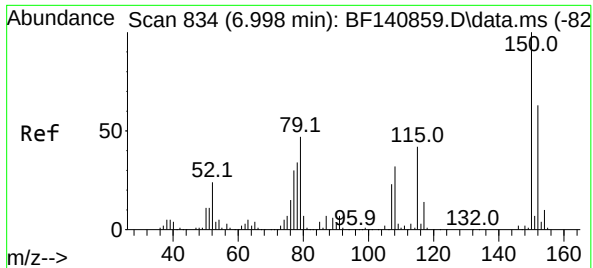
Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 45.0 35.6 53.4

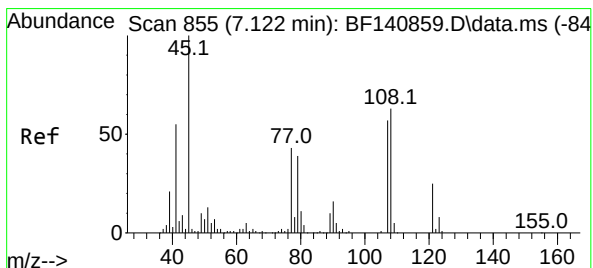
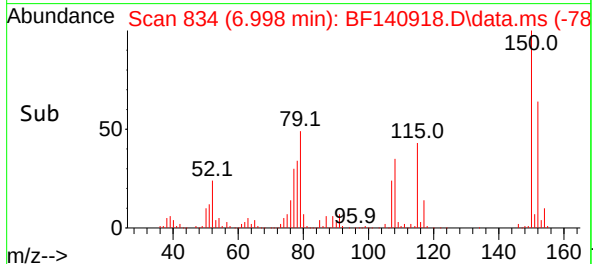
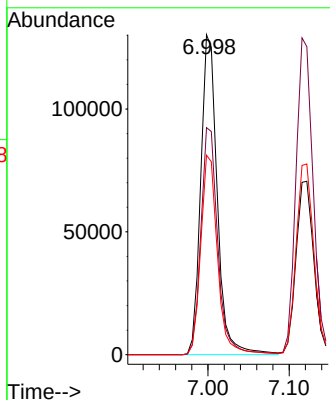
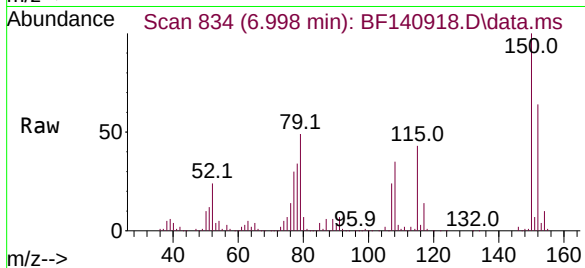




#15
Benzyl Alcohol
Concen: 38.161 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

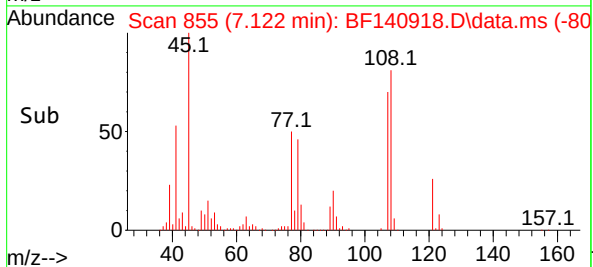
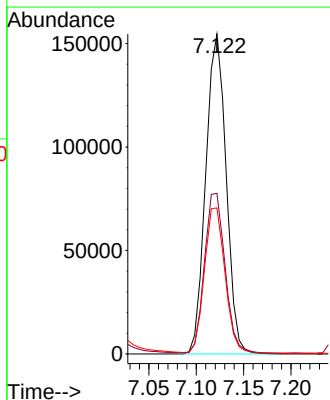
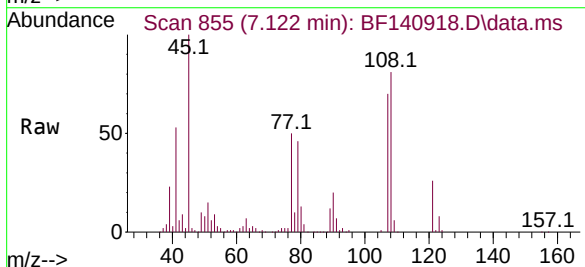
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

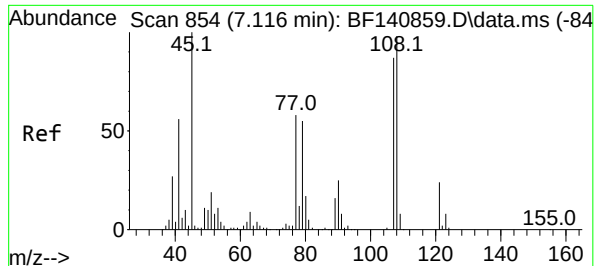
Tgt Ion: 79 Resp: 184958
Ion Ratio Lower Upper
79 100
108 71.0 55.1 82.7
77 62.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.443 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 45 Resp: 231101
Ion Ratio Lower Upper
45 100
77 50.2 23.3 63.3
79 45.7 20.0 60.0

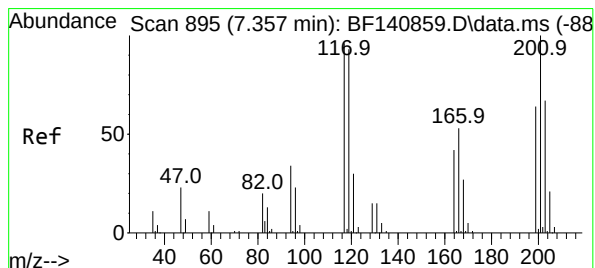
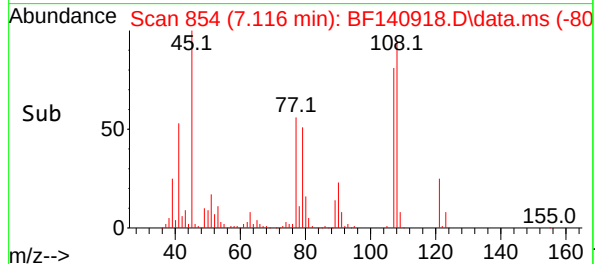
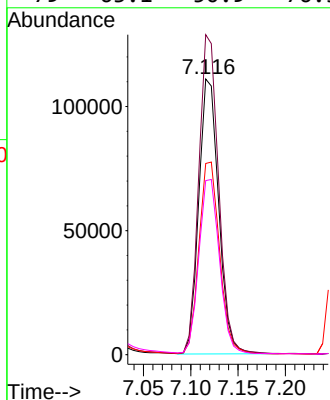
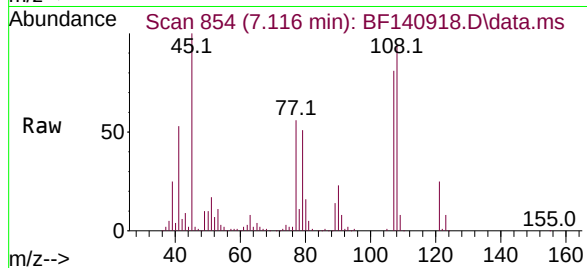




#17
2-Methylphenol
Concen: 36.500 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

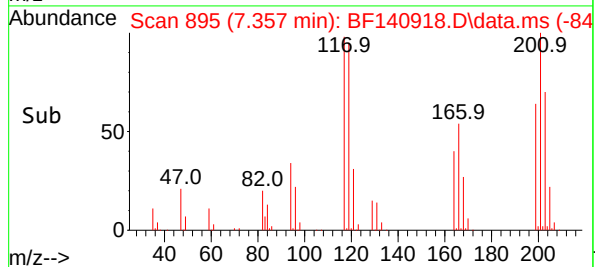
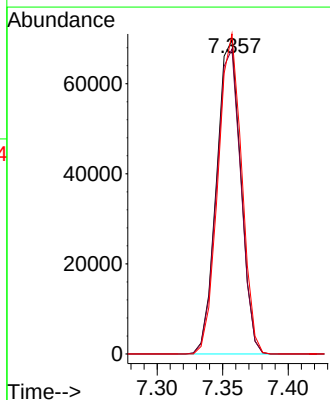
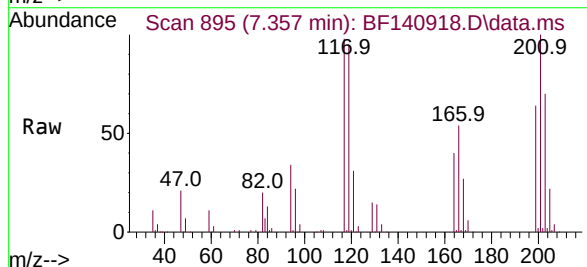
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

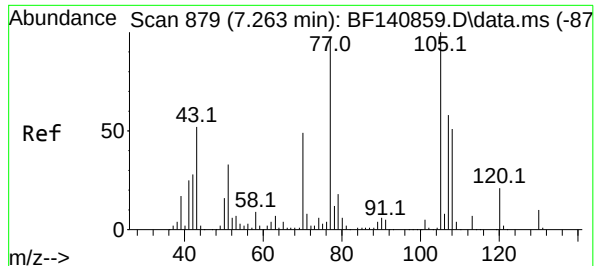
Tgt Ion:107 Resp: 162635
Ion Ratio Lower Upper
107 100
108 116.1 90.2 135.4
77 69.3 53.8 80.6
79 63.1 50.9 76.3



#18
Hexachloroethane
Concen: 37.187 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:117 Resp: 89366
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 102.0 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 36.368 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140918.D

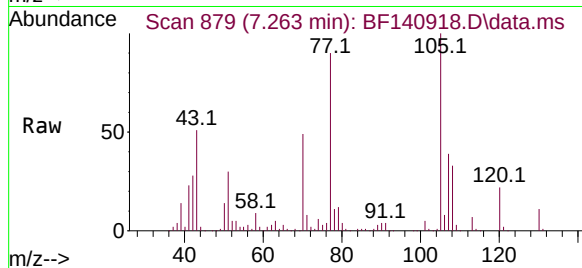
Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 147876

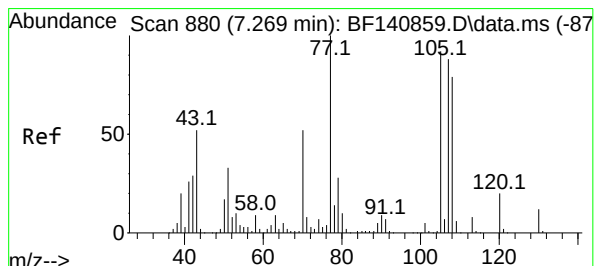
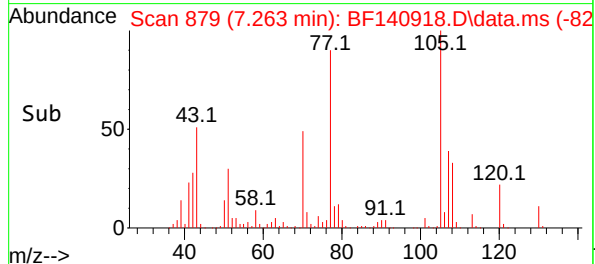
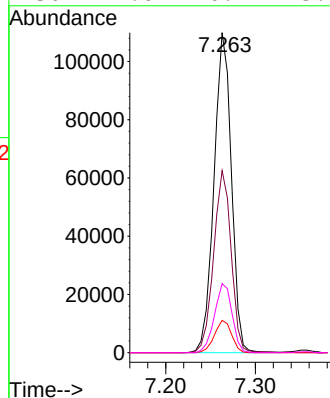
Ion Ratio Lower Upper

70 100

42 56.9 45.3 67.9

101 10.1 8.0 12.0

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 37.271 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Tgt Ion: 107 Resp: 220217

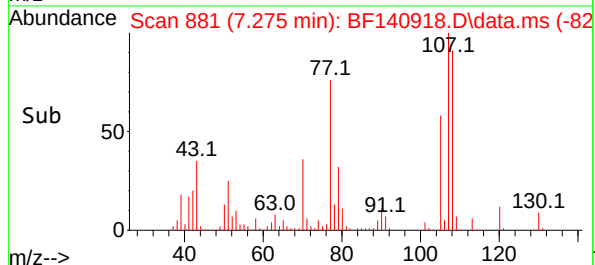
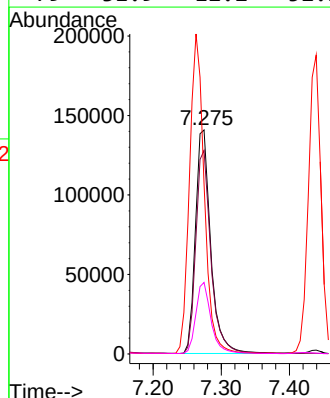
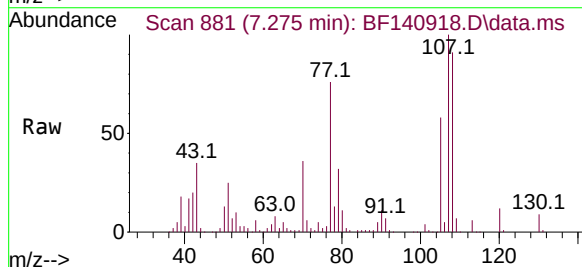
Ion Ratio Lower Upper

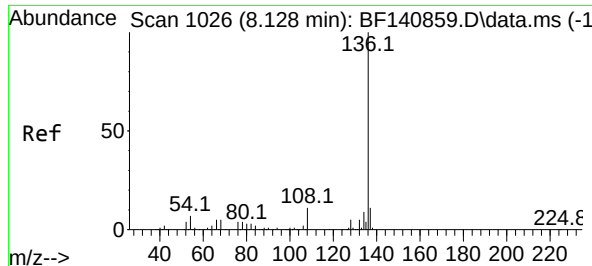
107 100

108 90.9 70.1 110.1

77 75.9 94.4 134.4#

79 31.9 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 305577

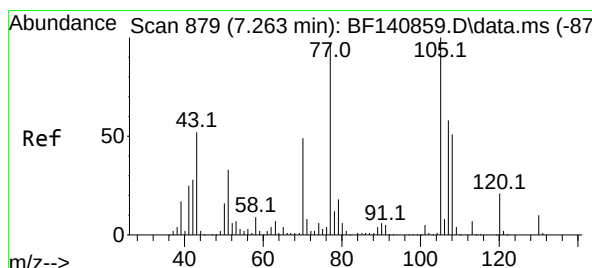
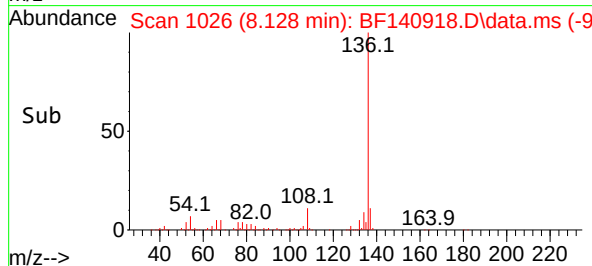
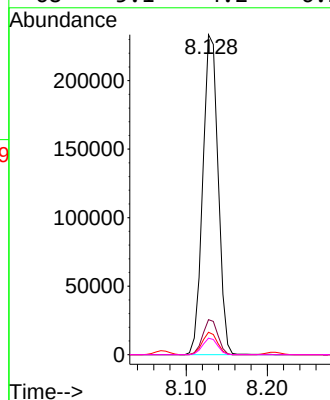
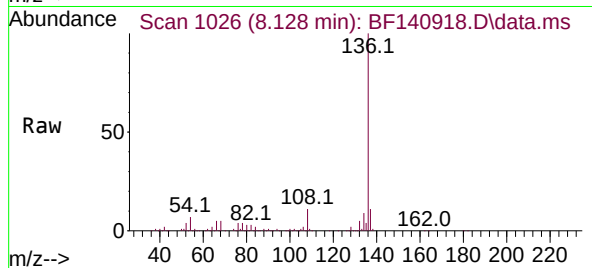
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 5.6 8.4

68 5.1 4.2 6.2



#22

Acetophenone

Concen: 38.526 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Tgt Ion:105 Resp: 294496

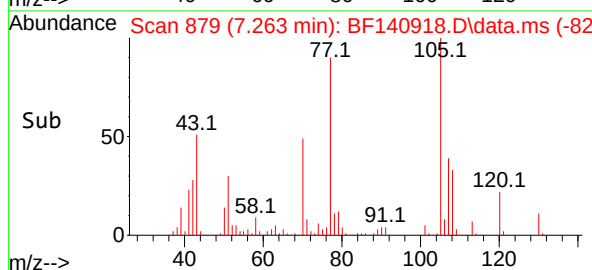
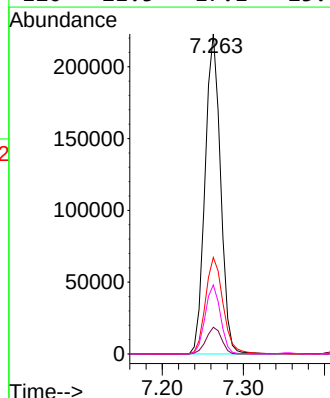
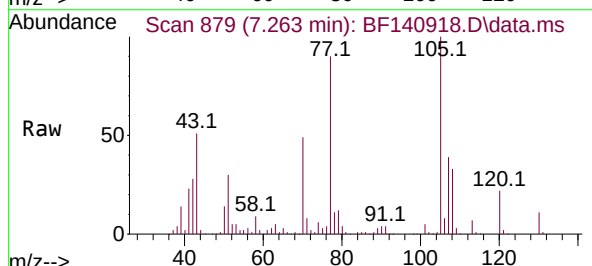
Ion Ratio Lower Upper

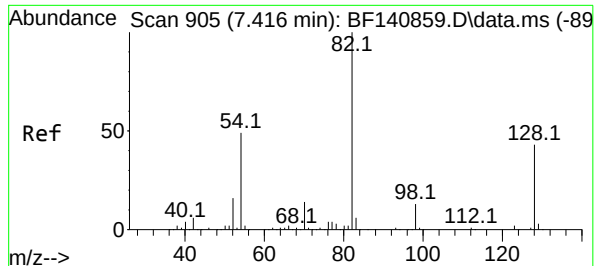
105 100

71 8.4 6.2 9.4

51 30.1 26.3 39.5

120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 77.237 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

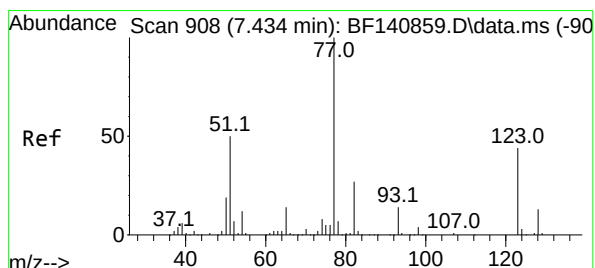
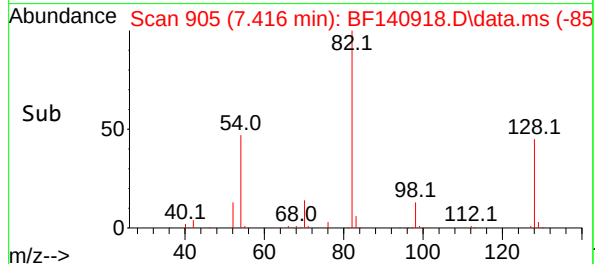
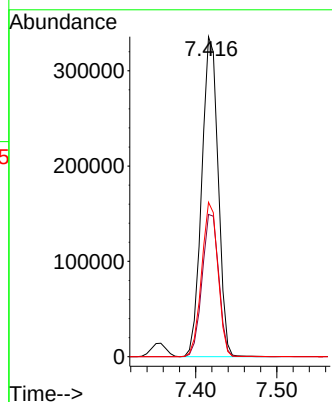
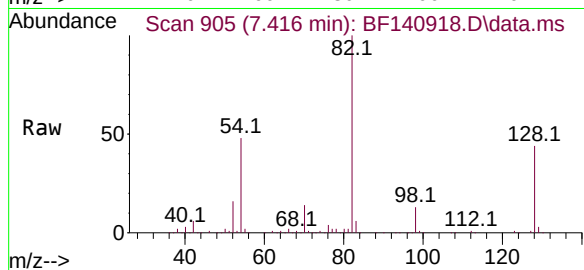
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 471746

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	48.2	38.8	58.2



#24

Nitrobenzene

Concen: 38.336 ng

RT: 7.439 min Scan# 909

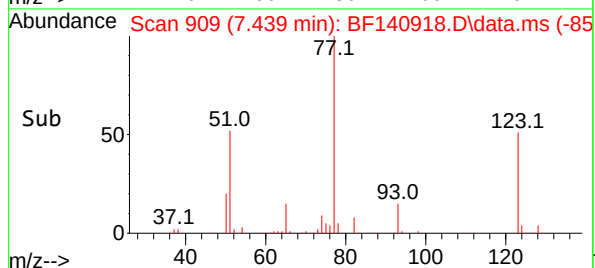
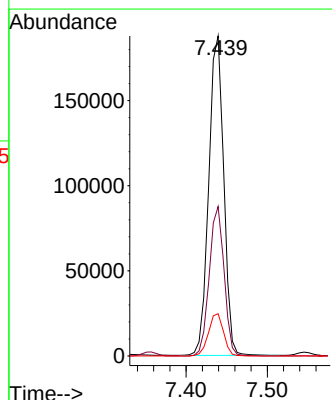
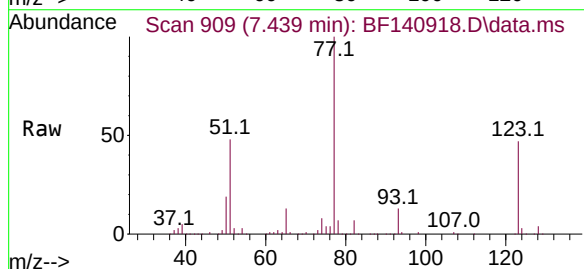
Delta R.T. 0.006 min

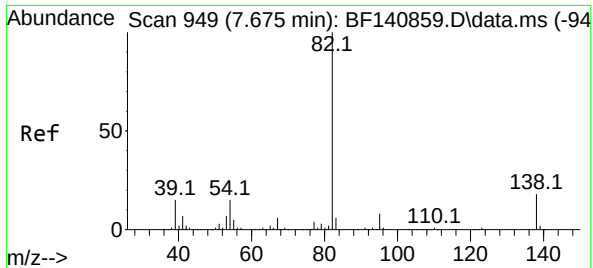
Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Tgt Ion: 77 Resp: 239875

Ion	Ratio	Lower	Upper
77	100		
123	46.7	35.0	52.4
65	13.2	11.4	17.0

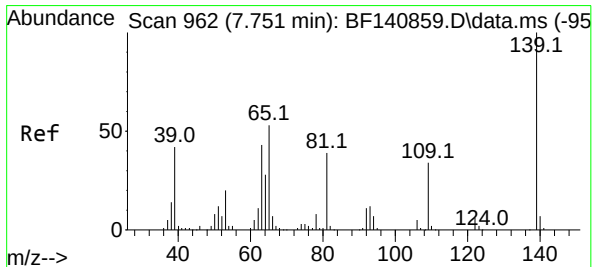
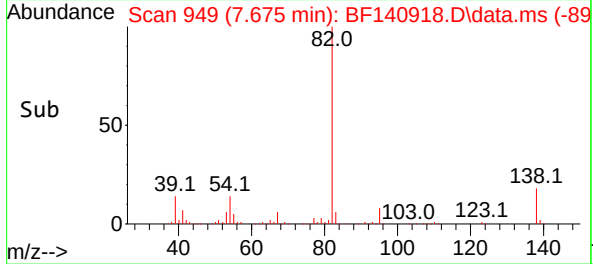
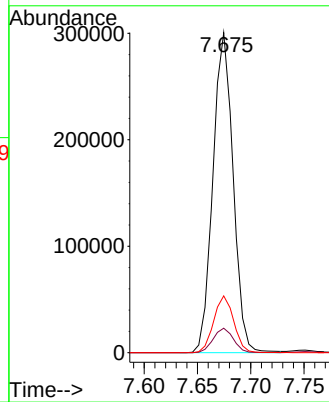
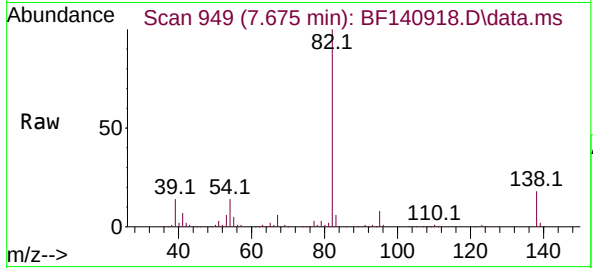




#25
Isophorone
Concen: 38.674 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

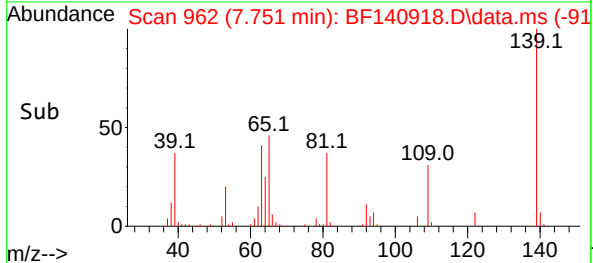
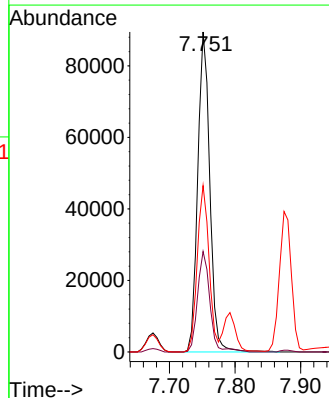
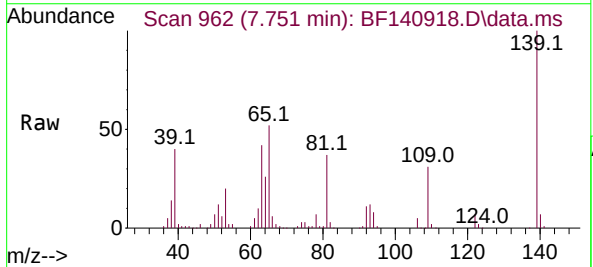
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

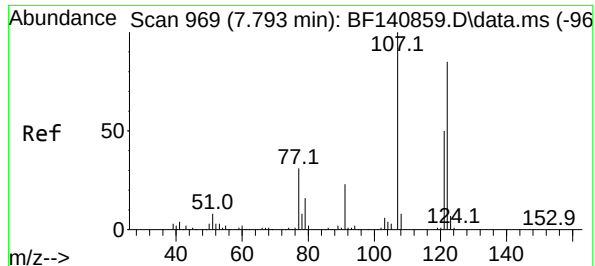
Tgt Ion: 82 Resp: 395780
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.7 14.1 21.1



#26
2-Nitrophenol
Concen: 39.779 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion: 139 Resp: 114638
Ion Ratio Lower Upper
139 100
109 31.4 26.9 40.3
65 52.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 39.347 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

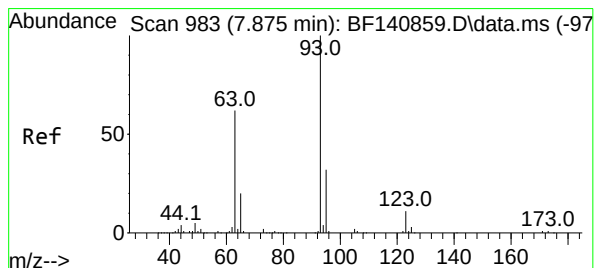
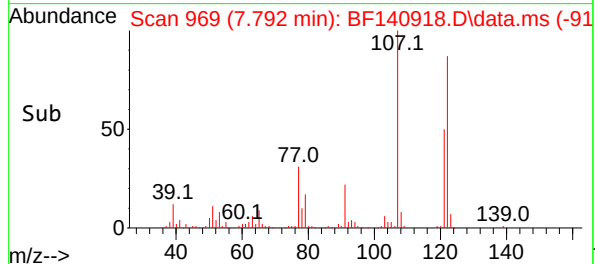
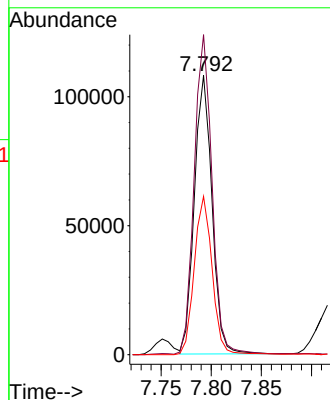
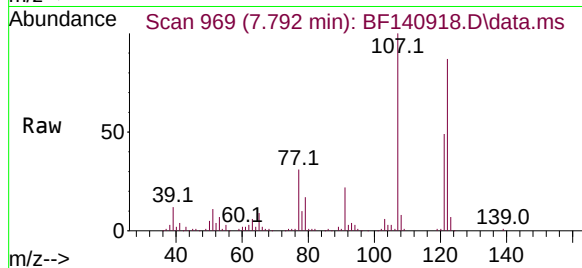
Tgt Ion:122 Resp: 132424

Ion Ratio Lower Upper

122 100

107 114.6 92.6 139.0

121 56.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.978 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

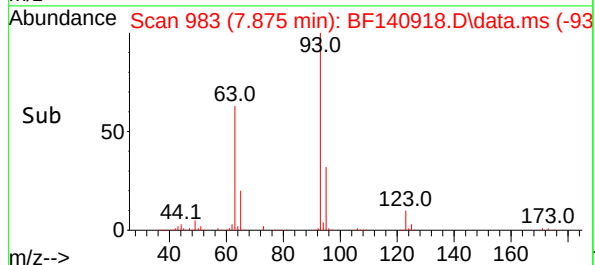
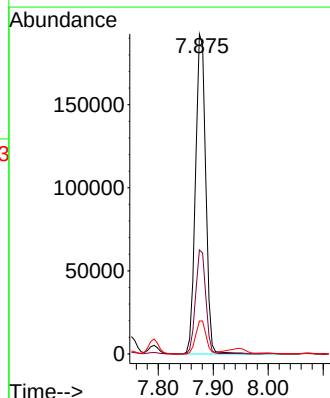
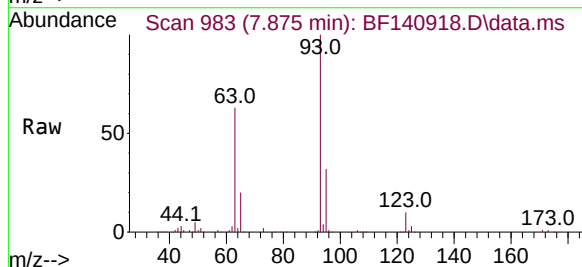
Tgt Ion: 93 Resp: 249138

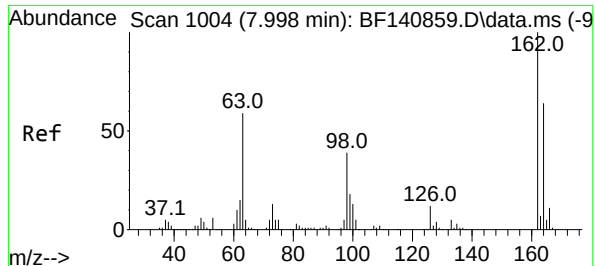
Ion Ratio Lower Upper

93 100

95 32.5 25.3 37.9

123 10.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.496 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

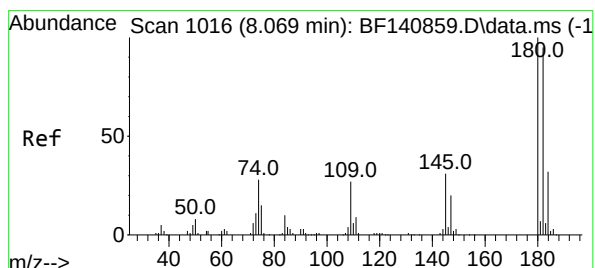
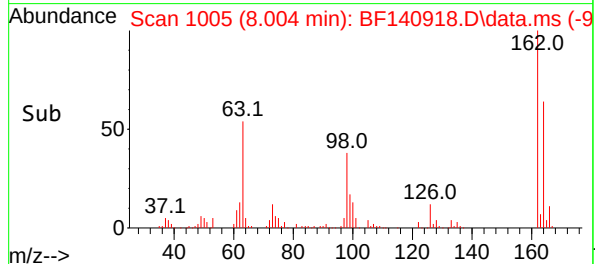
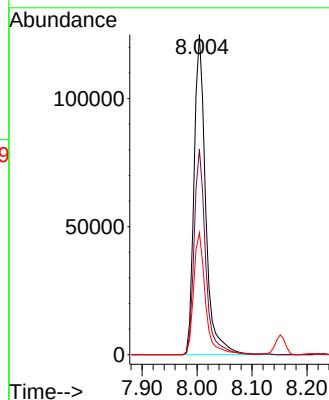
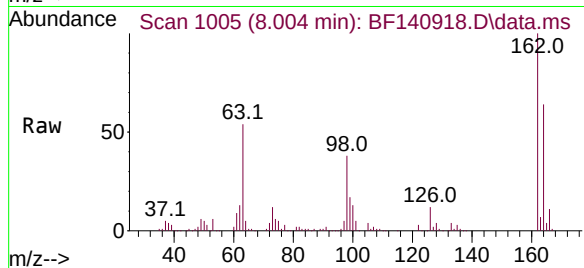
Tgt Ion:162 Resp: 183519

Ion Ratio Lower Upper

162 100

164 64.2 43.7 83.7

98 38.1 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 38.301 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

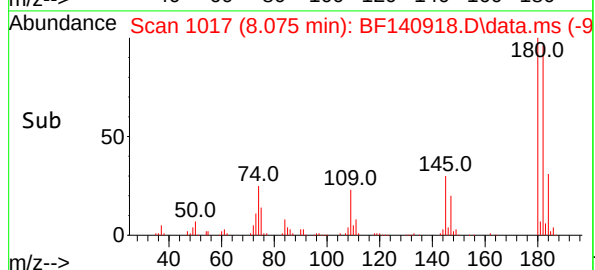
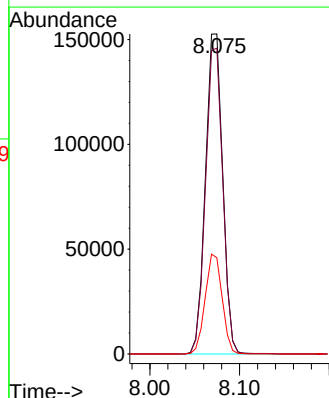
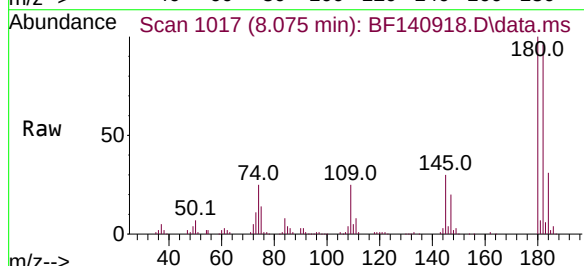
Tgt Ion:180 Resp: 204009

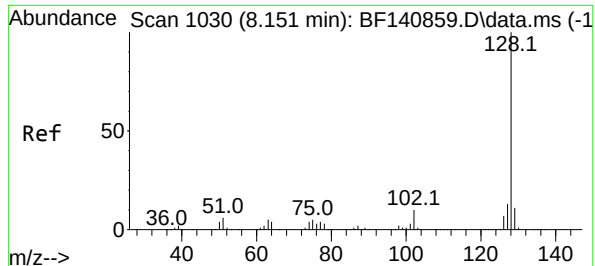
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

145 30.1 25.2 37.8





#31

Naphthalene

Concen: 38.970 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

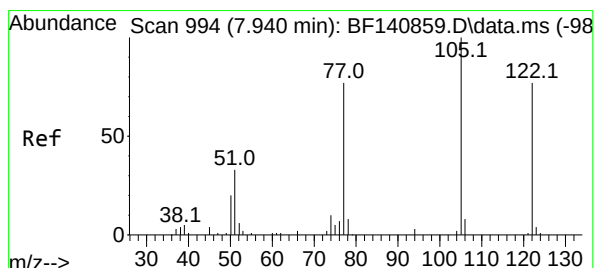
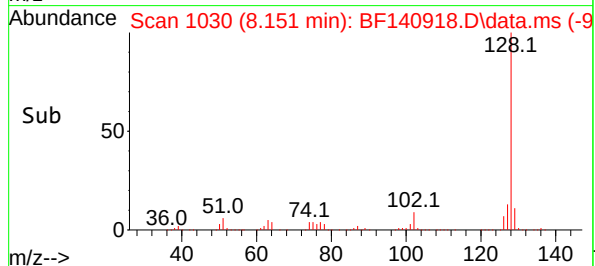
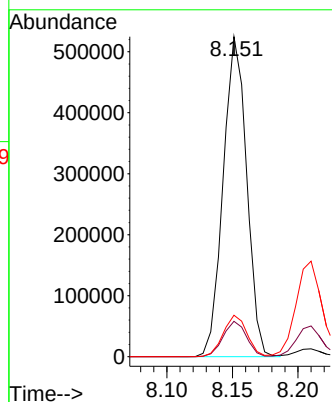
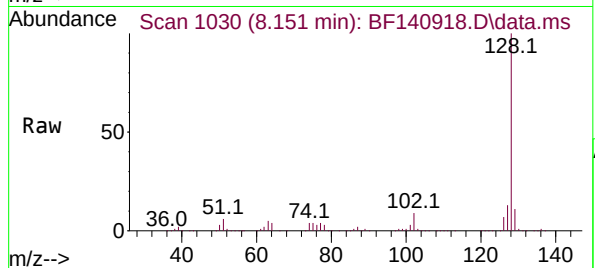
Tgt Ion:128 Resp: 654138

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.0 10.6 16.0



#32

Benzoic acid

Concen: 38.714 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.005 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

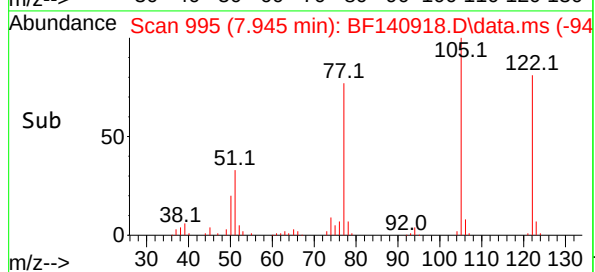
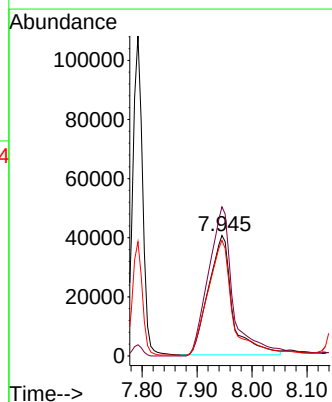
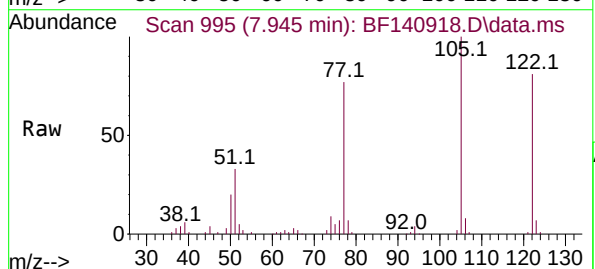
Tgt Ion:122 Resp: 123570

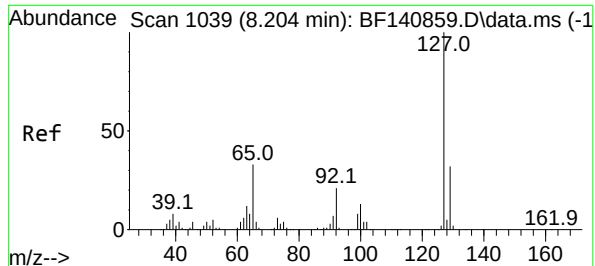
Ion Ratio Lower Upper

122 100

105 123.9 108.3 148.3

77 96.0 78.8 118.8





#33

4-Chloroaniline

Concen: 40.223 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 224241

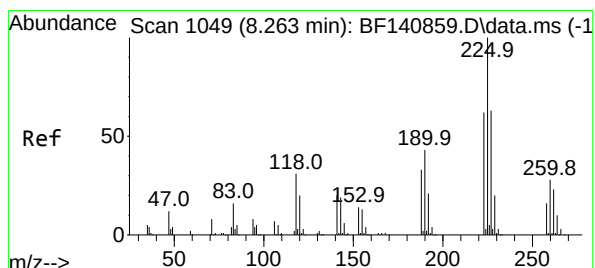
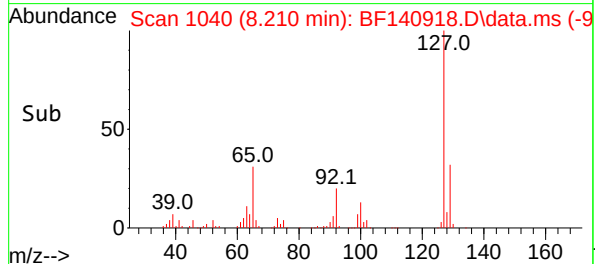
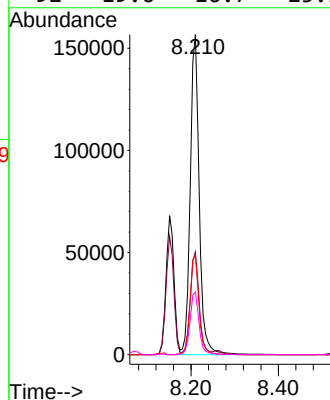
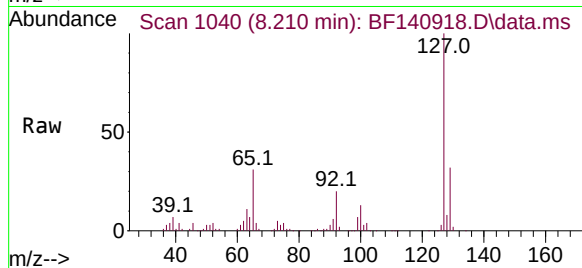
Ion Ratio Lower Upper

127 100

129 32.2 26.0 39.0

65 30.9 26.0 39.0

92 19.6 16.7 25.1



#34

Hexachlorobutadiene

Concen: 38.122 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

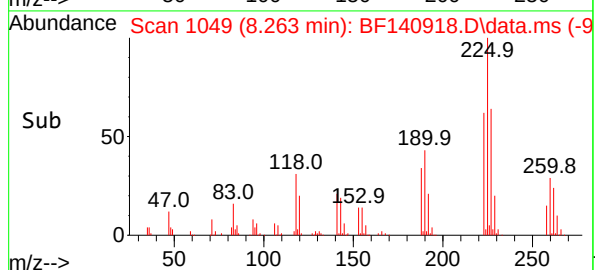
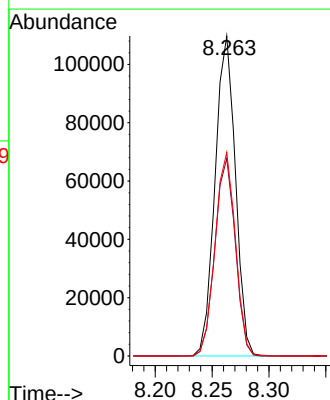
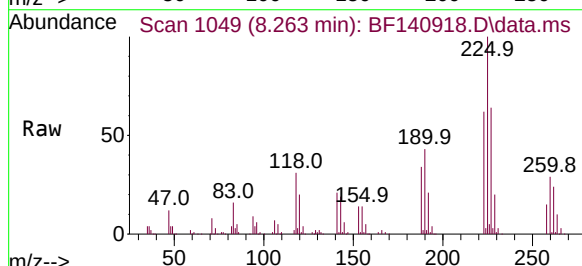
Tgt Ion:225 Resp: 136617

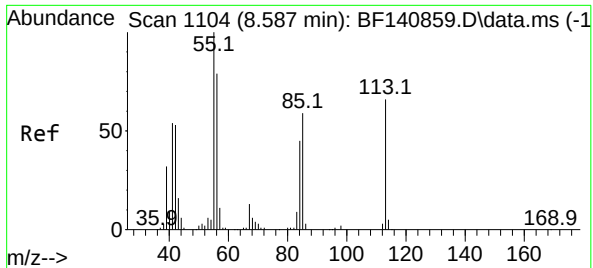
Ion Ratio Lower Upper

225 100

223 61.7 49.6 74.4

227 63.6 50.7 76.1





#35

Caprolactam

Concen: 43.976 ng

RT: 8.592 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

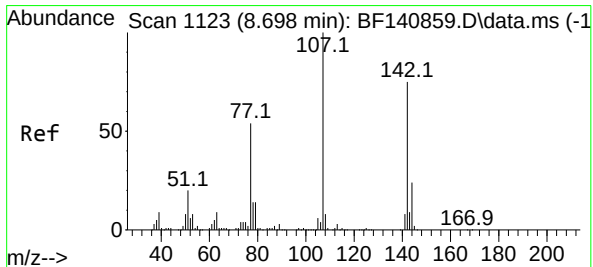
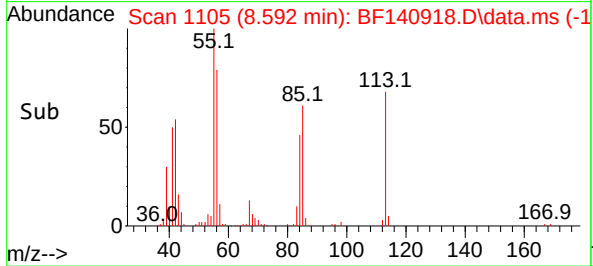
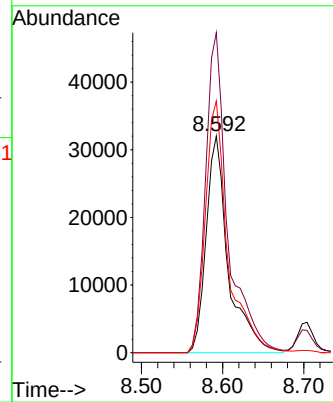
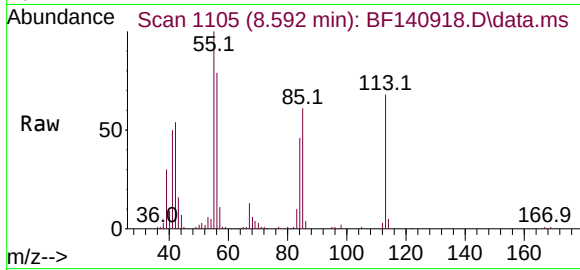
Tgt Ion:113 Resp: 60832

Ion Ratio Lower Upper

113 100

55 147.7 132.3 172.3

56 116.2 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 38.688 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

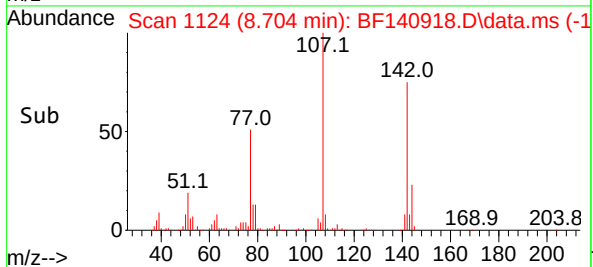
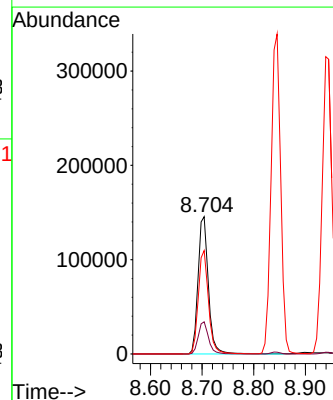
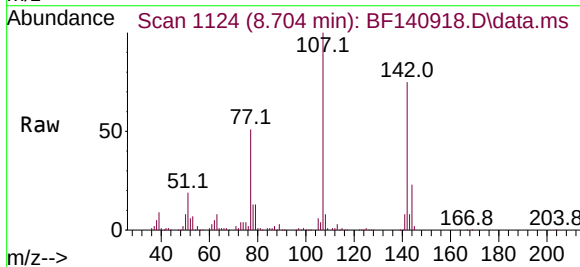
Tgt Ion:107 Resp: 202329

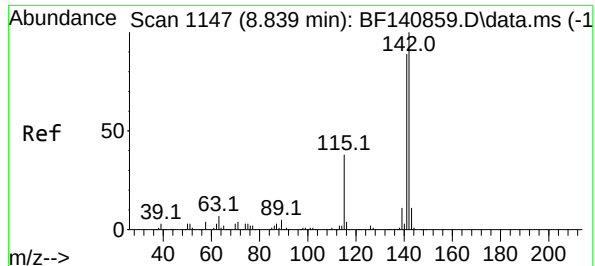
Ion Ratio Lower Upper

107 100

144 23.5 19.4 29.2

142 75.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 39.163 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

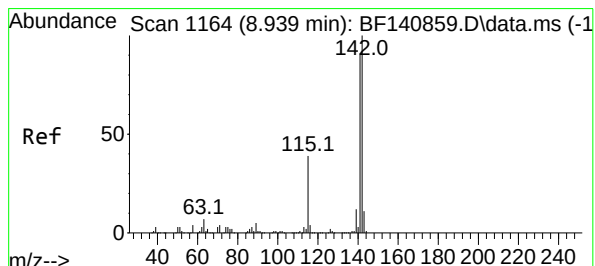
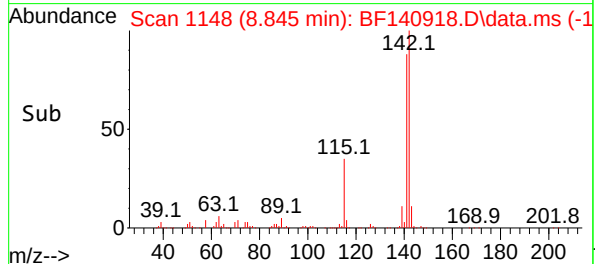
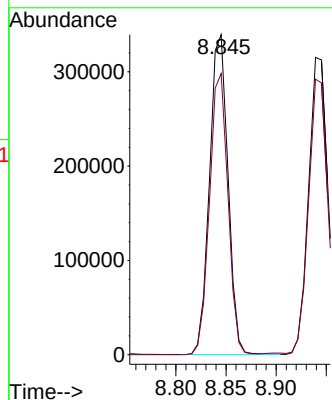
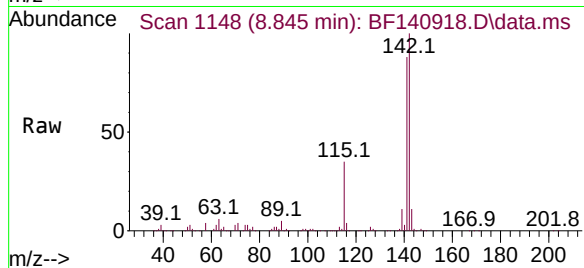
SSTDCCC040

Tgt Ion:142 Resp: 434855

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 37.810 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140918.D

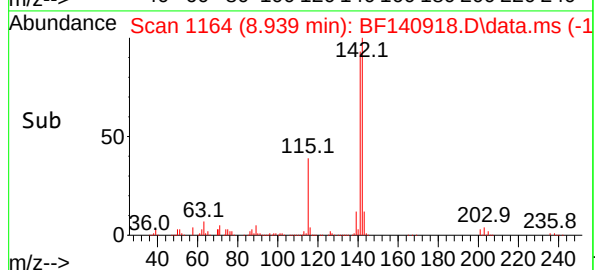
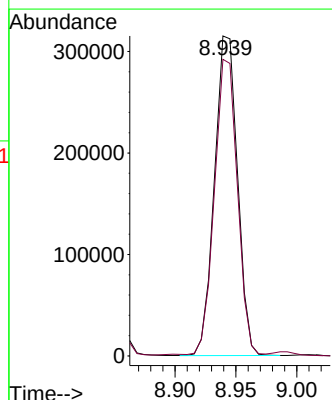
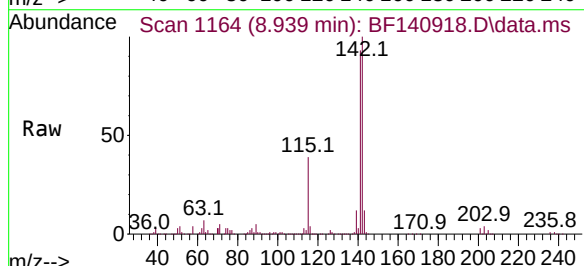
Acq: 19 Dec 2024 11:38

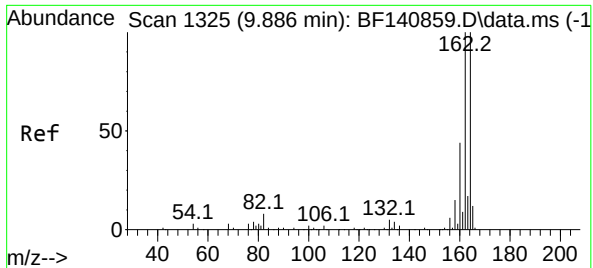
Tgt Ion:142 Resp: 415212

Ion Ratio Lower Upper

142 100

141 92.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

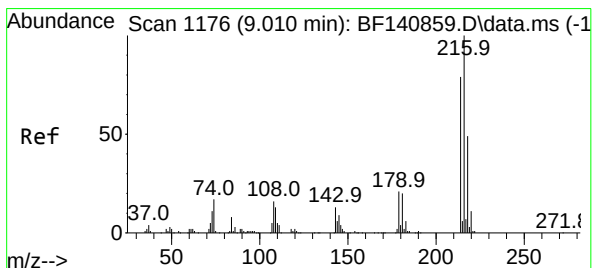
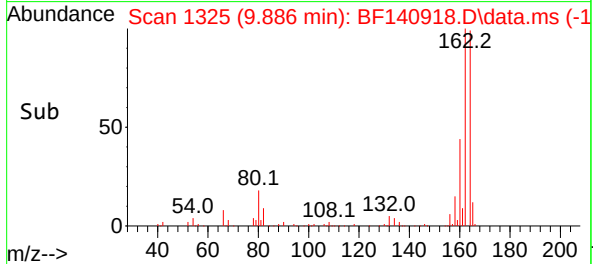
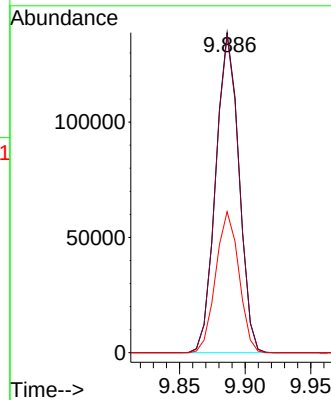
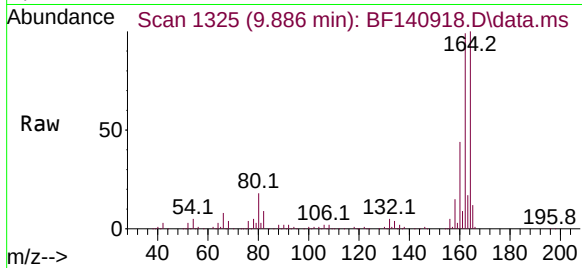
Tgt Ion:164 Resp: 170469

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 44.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.048 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Tgt Ion:216 Resp: 215076

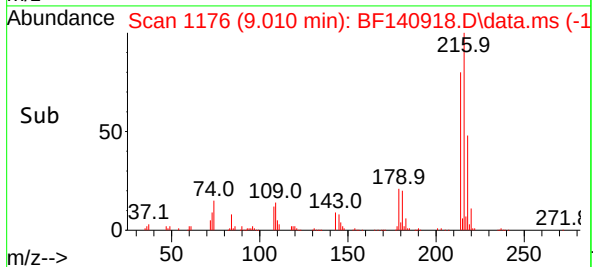
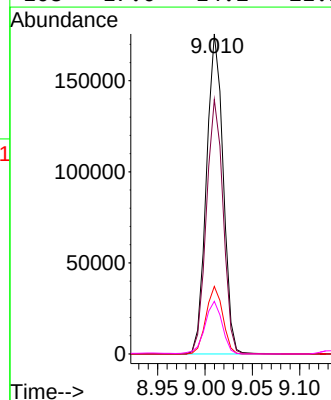
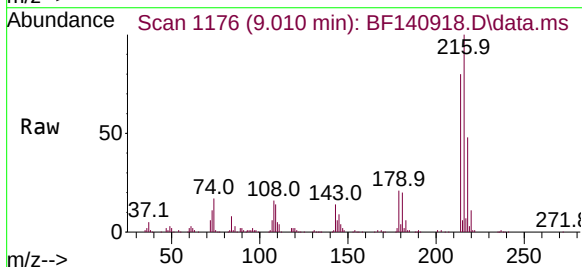
Ion Ratio Lower Upper

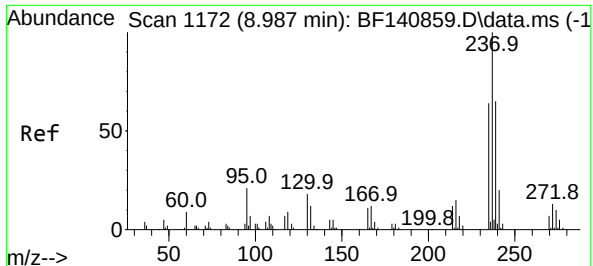
216 100

214 79.6 63.6 95.4

179 21.0 17.0 25.4

108 17.0 14.2 21.2

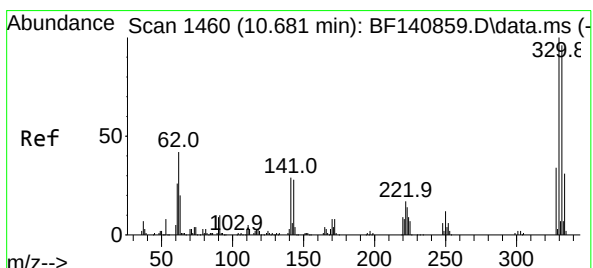
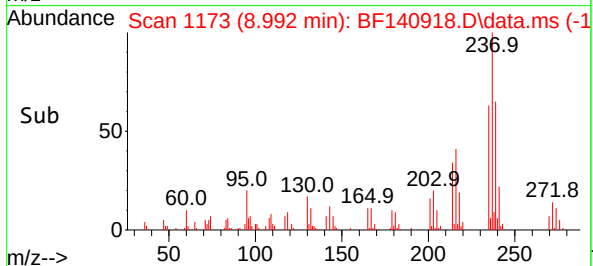
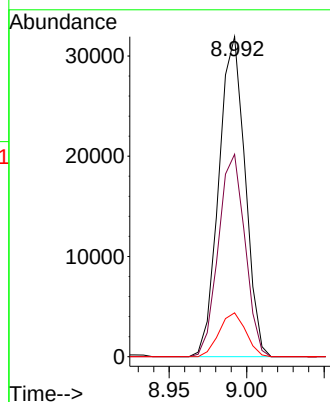
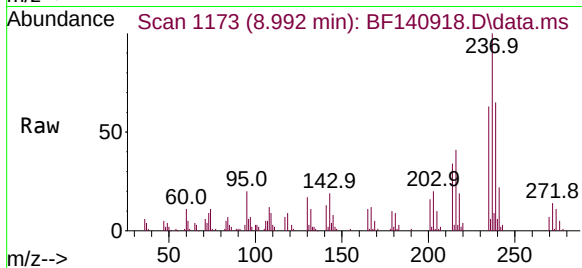




#41
Hexachlorocyclopentadiene
Concen: 33.321 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

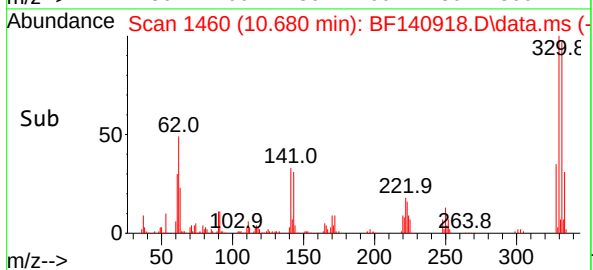
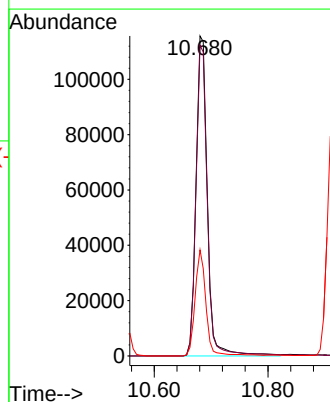
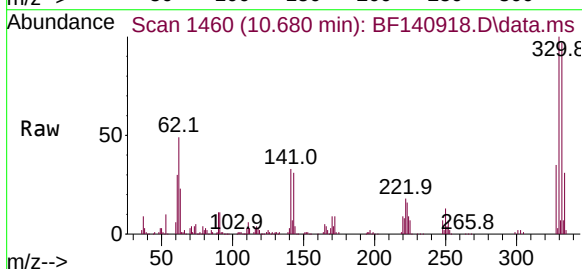
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

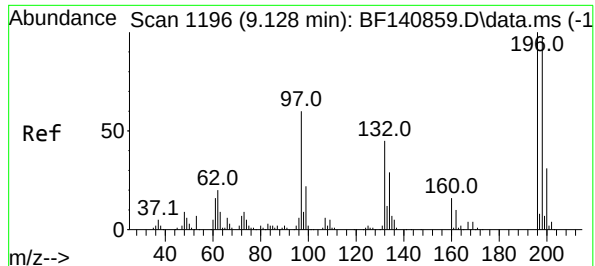
Tgt Ion:237 Resp: 37591
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 13.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 80.186 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:330 Resp: 161668
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 31.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 40.863 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

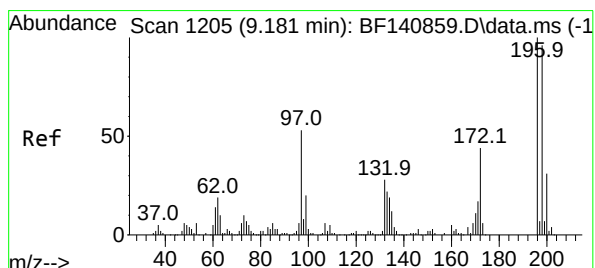
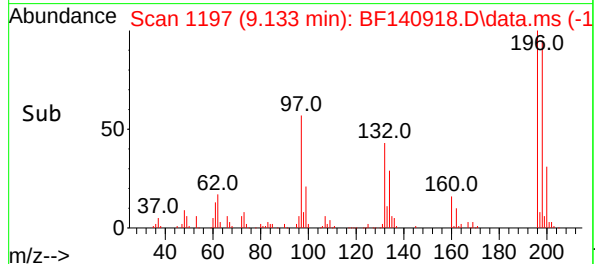
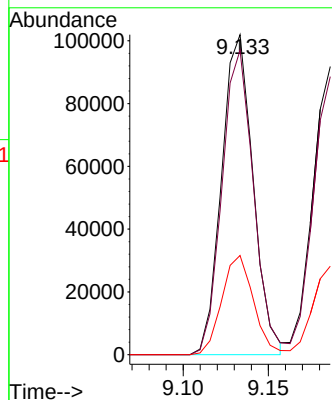
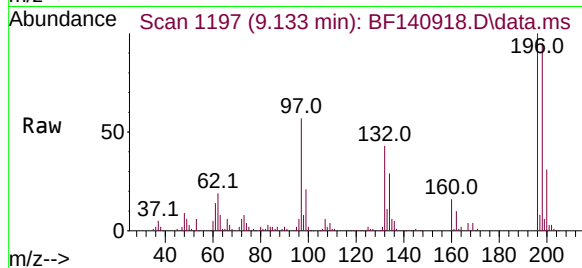
Tgt Ion:196 Resp: 131103

Ion Ratio Lower Upper

196 100

198 95.2 77.4 116.0

200 31.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 39.803 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Tgt Ion:196 Resp: 140360

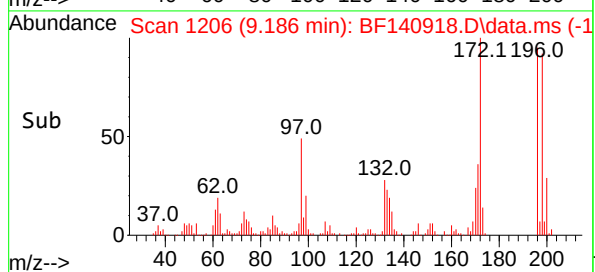
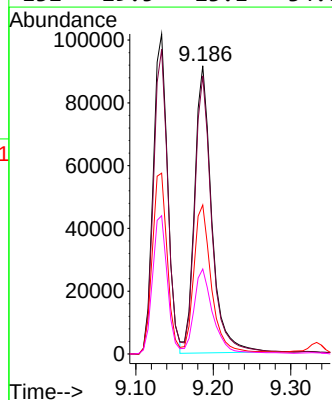
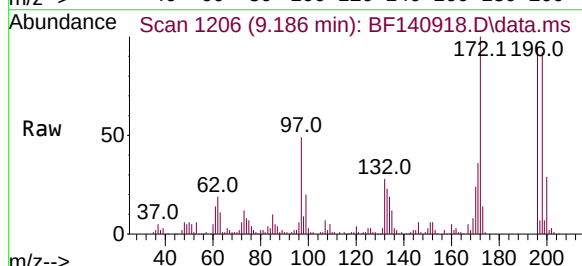
Ion Ratio Lower Upper

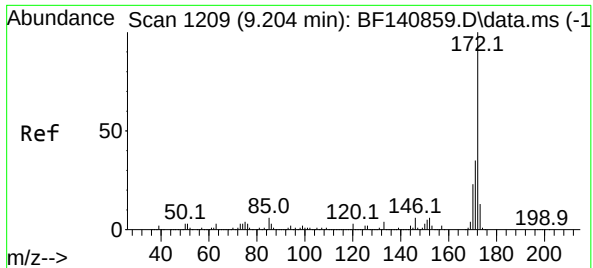
196 100

198 96.5 77.2 115.8

97 51.7 42.2 63.4

132 29.5 23.1 34.7

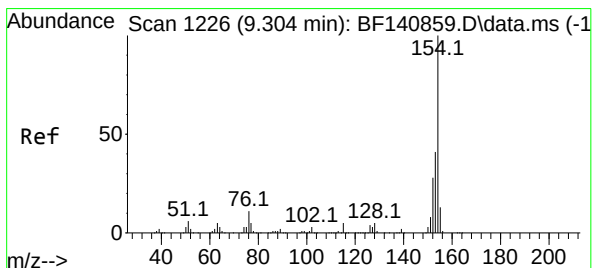
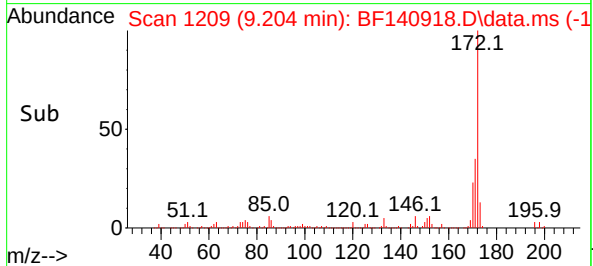
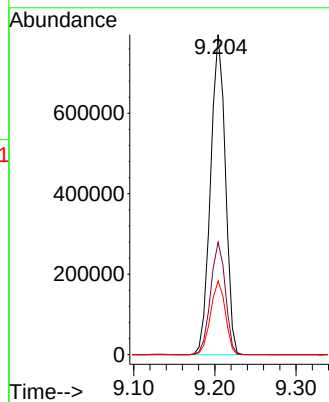
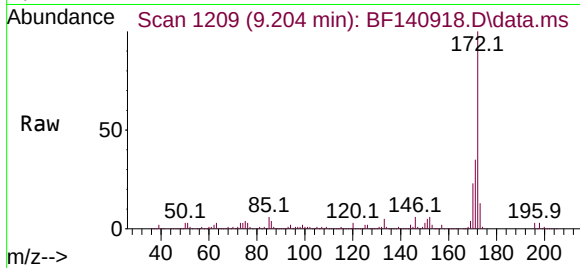




#45
2-Fluorobiphenyl
Concen: 80.929 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

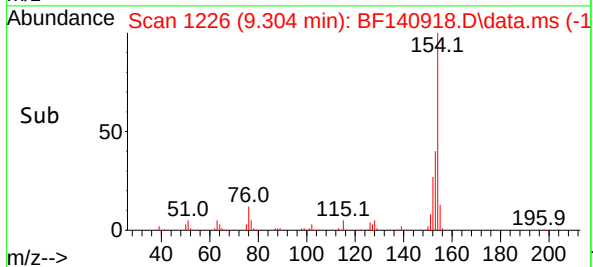
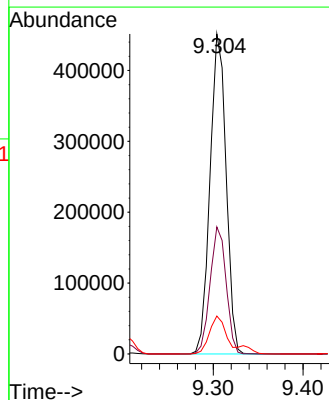
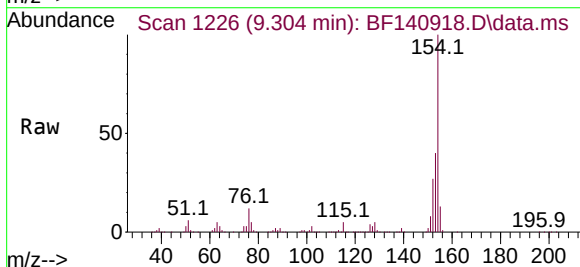
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

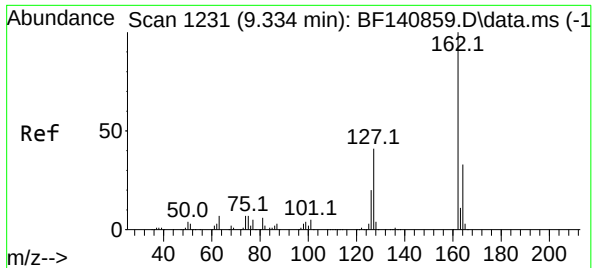
Tgt Ion:172 Resp: 1003441
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.0 18.6 28.0



#46
1,1'-Biphenyl
Concen: 41.459 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:154 Resp: 561991
Ion Ratio Lower Upper
154 100
153 39.7 20.8 60.8
76 11.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.616 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

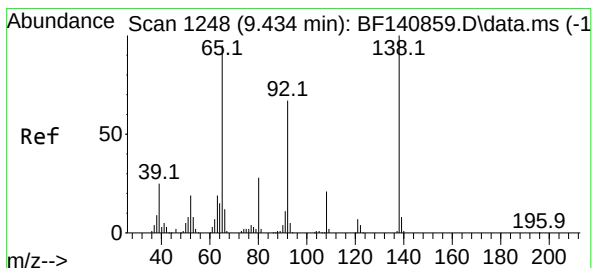
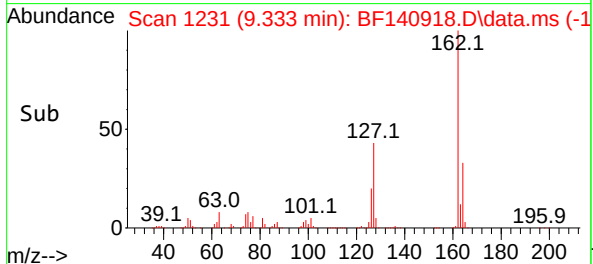
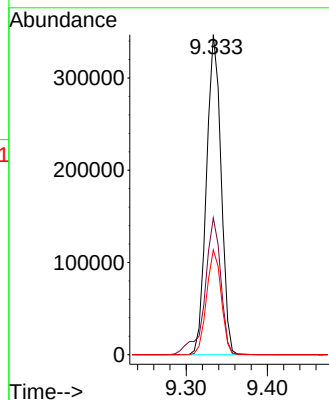
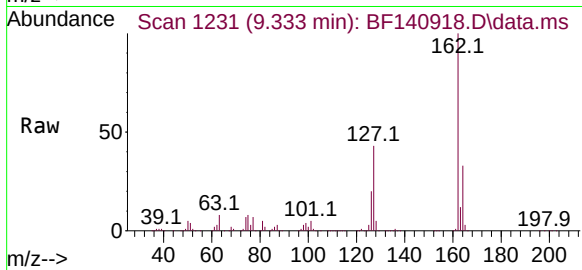
Tgt Ion:162 Resp: 431564

Ion Ratio Lower Upper

162 100

127 42.8 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 42.617 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

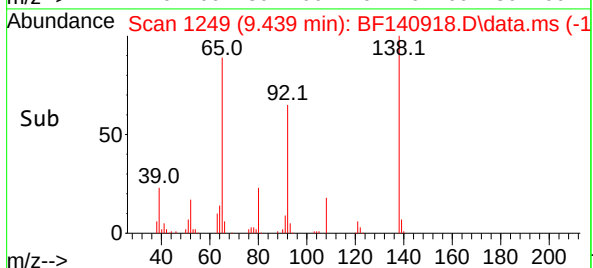
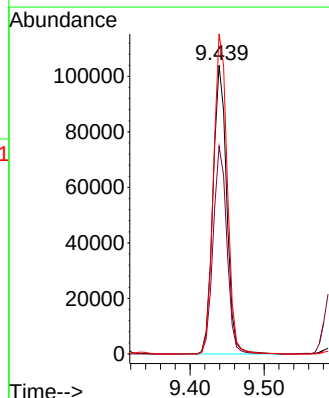
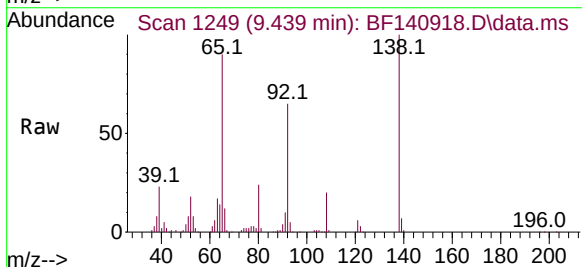
Tgt Ion: 65 Resp: 133473

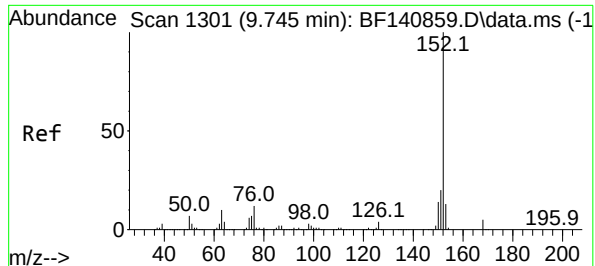
Ion Ratio Lower Upper

65 100

92 71.9 56.3 84.5

138 110.8 83.8 125.6





#49

Acenaphthylene

Concen: 42.842 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

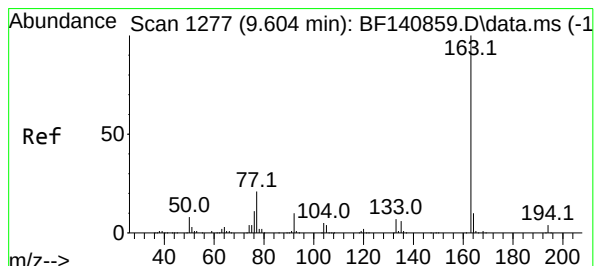
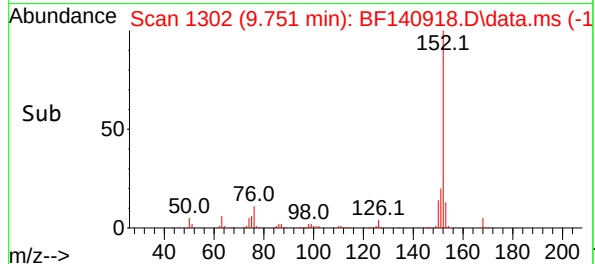
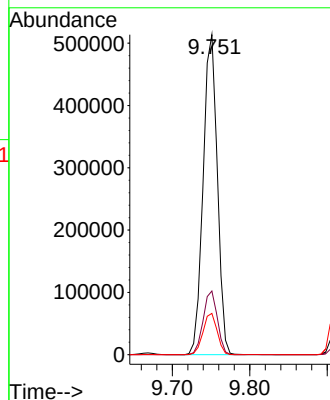
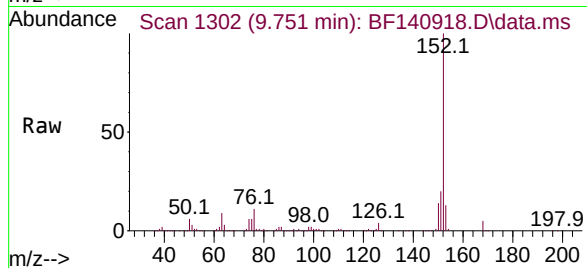
Tgt Ion:152 Resp: 652886

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 41.552 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

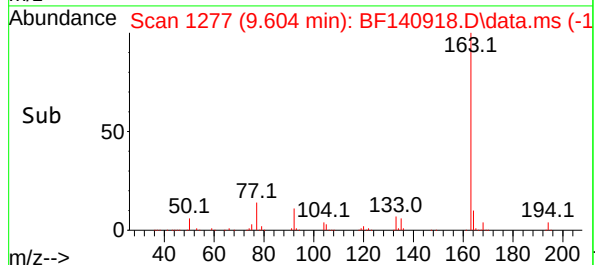
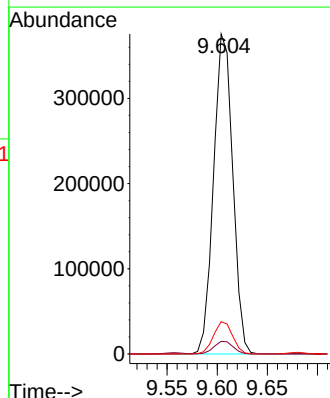
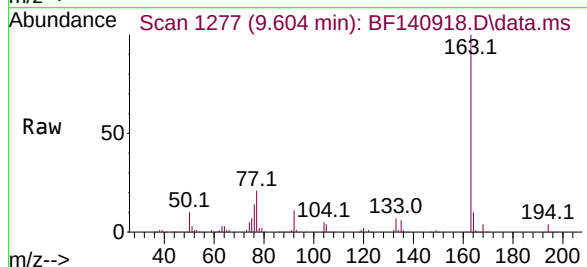
Tgt Ion:163 Resp: 499397

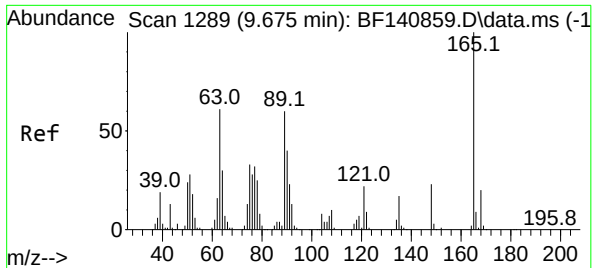
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.1 12.1

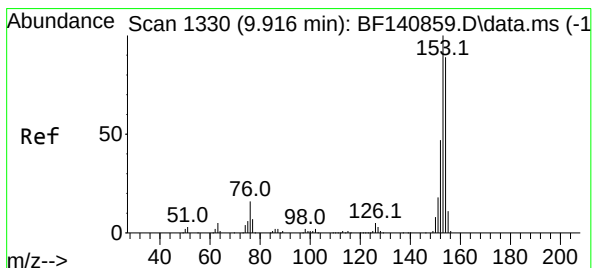
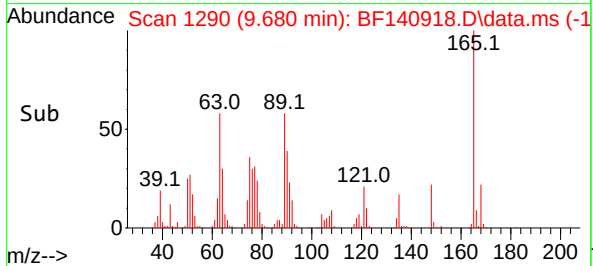
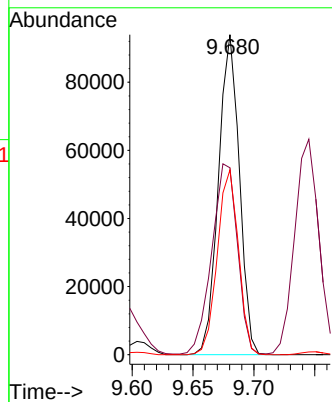
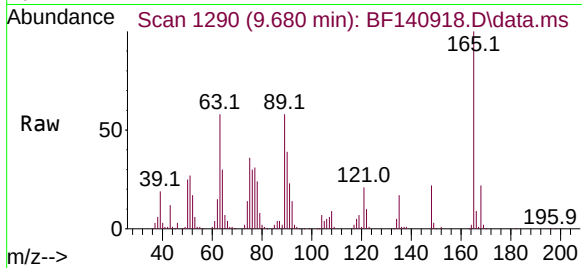




#51
2,6-Dinitrotoluene
Concen: 40.848 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

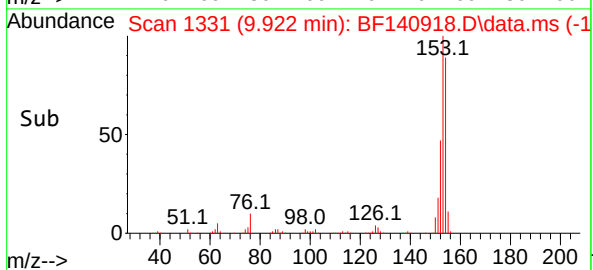
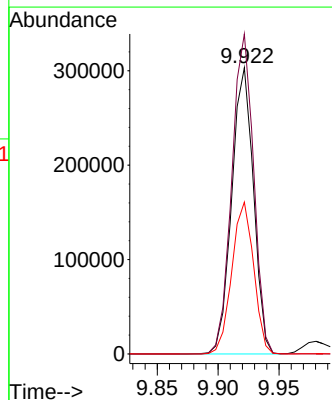
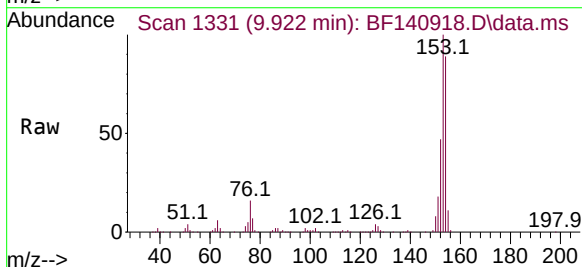
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

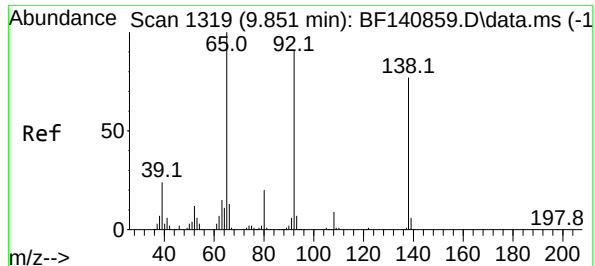
Tgt Ion:165 Resp: 112231
Ion Ratio Lower Upper
165 100
63 58.4 49.7 74.5
89 57.8 48.2 72.4



#52
Acenaphthene
Concen: 38.754 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:154 Resp: 377262
Ion Ratio Lower Upper
154 100
153 111.8 89.9 134.9
152 53.0 42.6 63.8





#53

3-Nitroaniline

Concen: 40.947 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

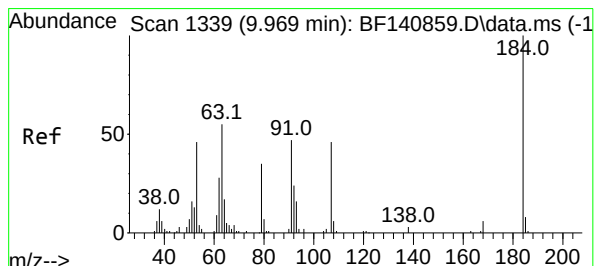
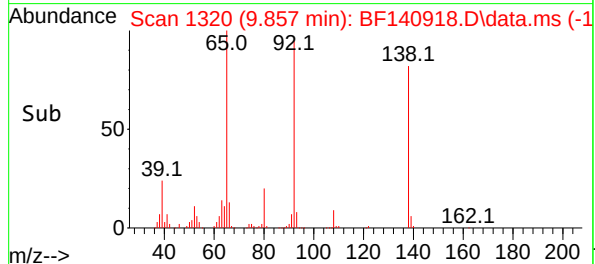
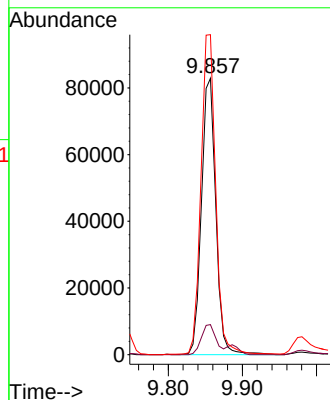
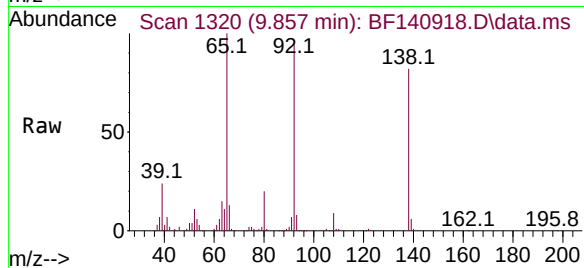
Tgt Ion:138 Resp: 111648

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

92 115.8 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 35.324 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.011 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

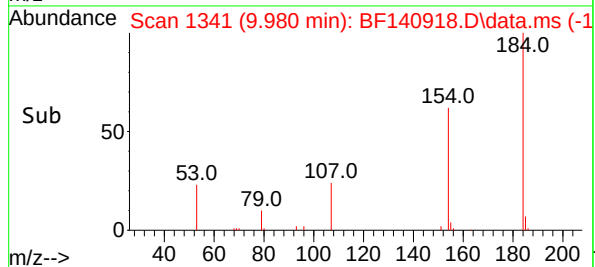
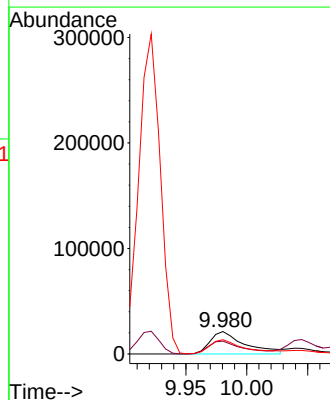
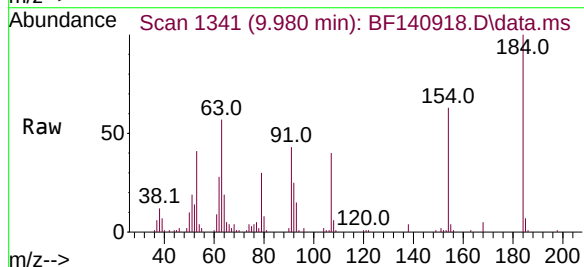
Tgt Ion:184 Resp: 42021

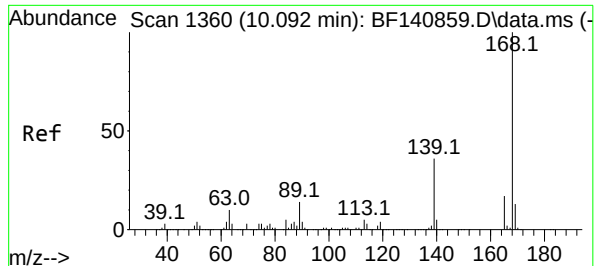
Ion Ratio Lower Upper

184 100

63 57.2 51.6 77.4

154 63.3 56.1 84.1





#55

Dibenzenofuran

Concen: 38.883 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

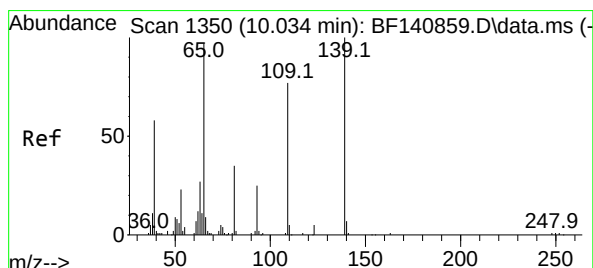
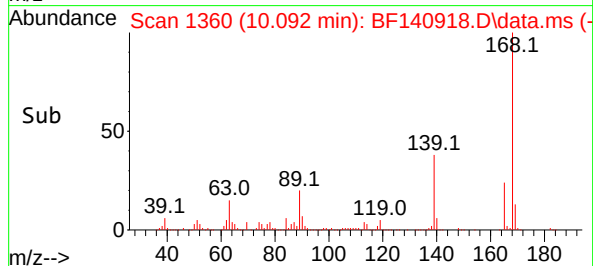
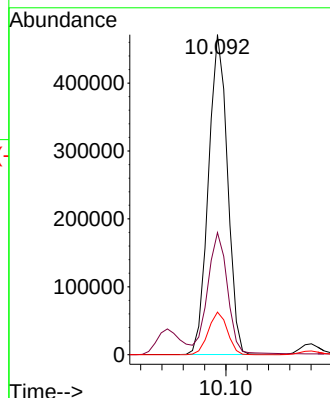
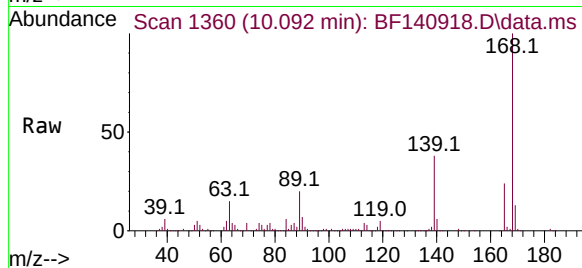
Tgt Ion:168 Resp: 586539

Ion Ratio Lower Upper

168 100

139 38.1 31.1 46.7

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 44.209 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

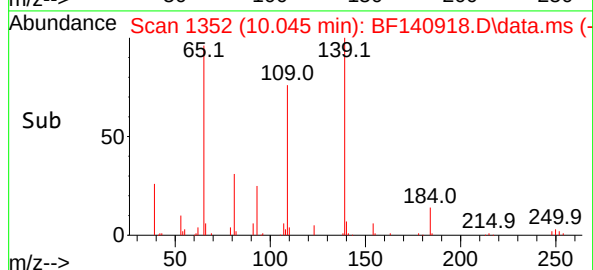
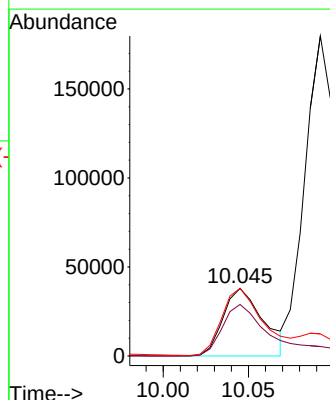
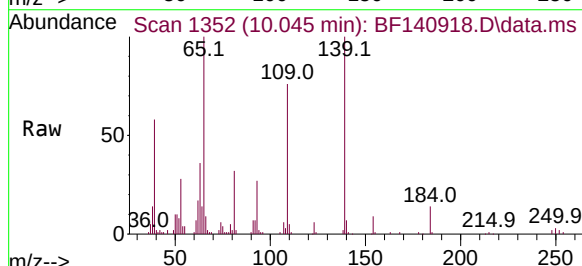
Tgt Ion:139 Resp: 61754

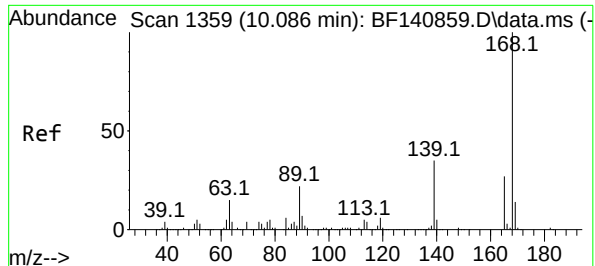
Ion Ratio Lower Upper

139 100

109 76.2 56.7 96.7

65 100.2 78.1 118.1





#57

2,4-Dinitrotoluene

Concen: 39.496 ng

RT: 10.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 142779

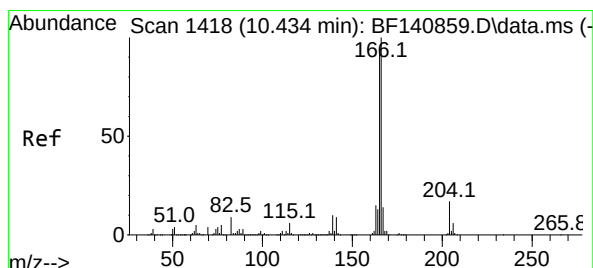
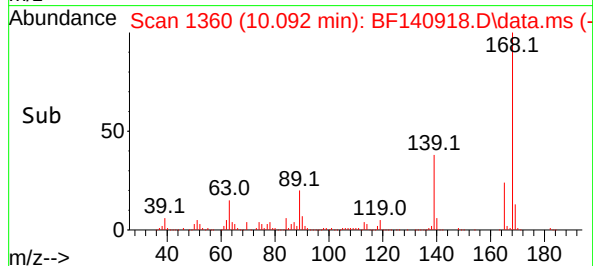
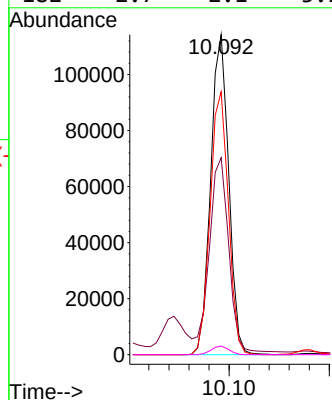
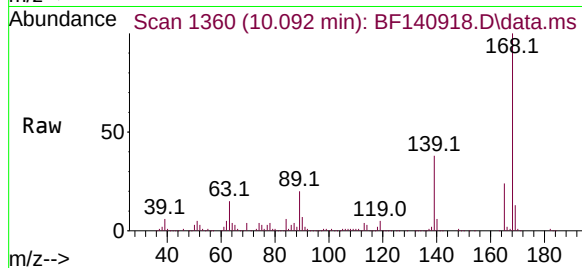
Ion Ratio Lower Upper

165 100

63 61.5 49.3 73.9

89 82.1 66.2 99.4

182 2.7 2.1 3.1



#58

Fluorene

Concen: 39.705 ng

RT: 10.439 min Scan# 1419

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

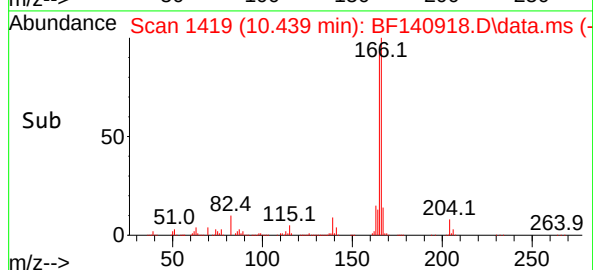
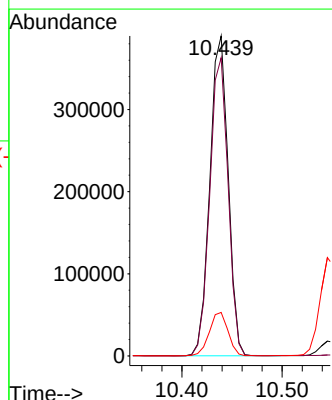
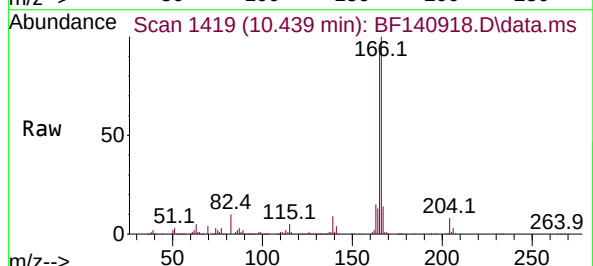
Tgt Ion:166 Resp: 494118

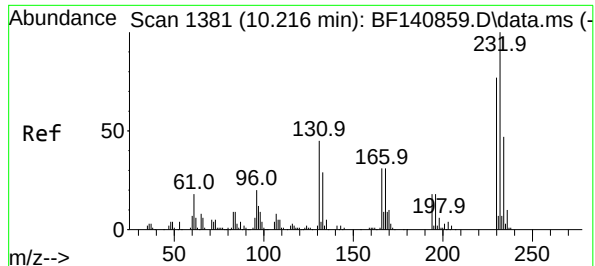
Ion Ratio Lower Upper

166 100

165 93.2 75.1 112.7

167 13.6 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.624 ng

RT: 10.222 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 119606

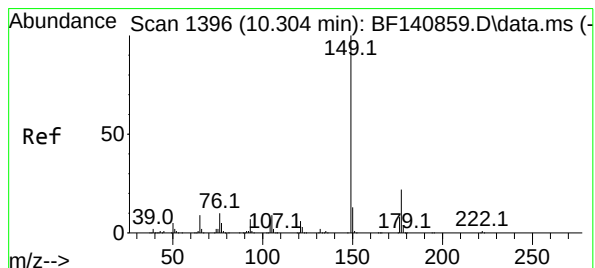
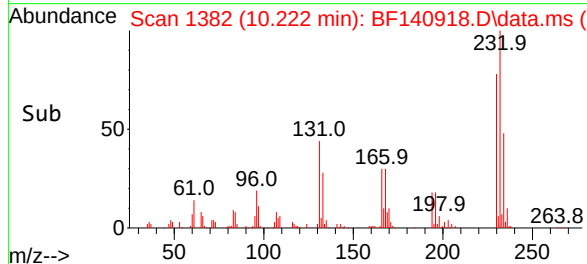
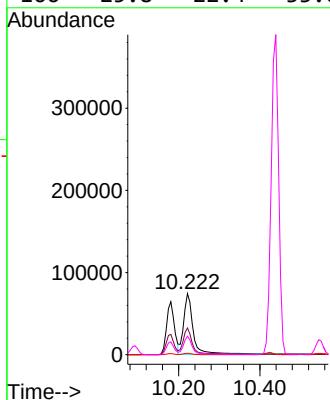
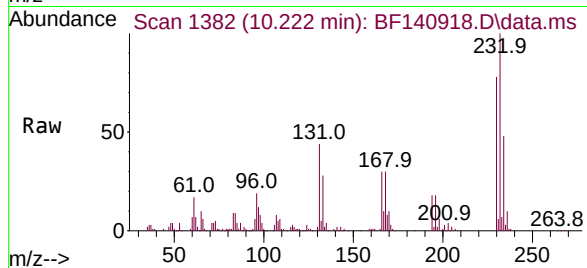
Ion Ratio Lower Upper

232 100

131 37.9 35.1 52.7

130 2.2 1.8 2.8

166 25.8 22.4 33.6



#60

Diethylphthalate

Concen: 39.244 ng

RT: 10.304 min Scan# 1396

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

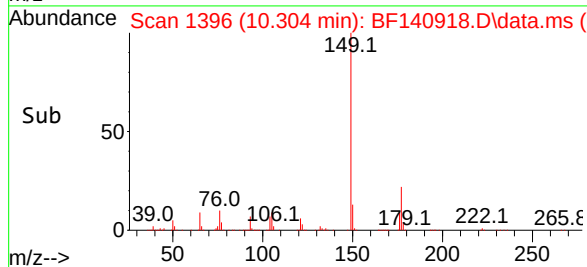
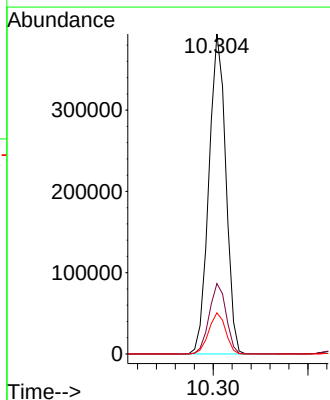
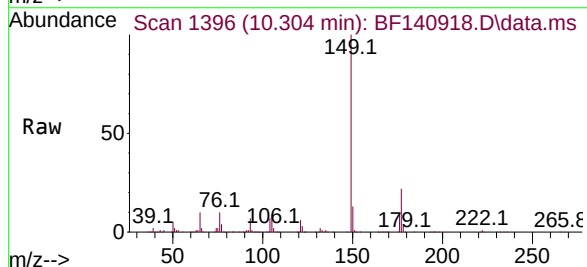
Tgt Ion:149 Resp: 489083

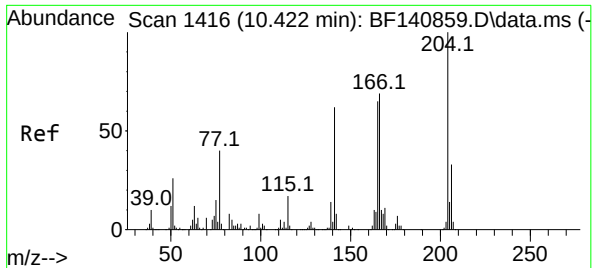
Ion Ratio Lower Upper

149 100

177 22.0 17.2 25.8

150 12.8 10.1 15.1

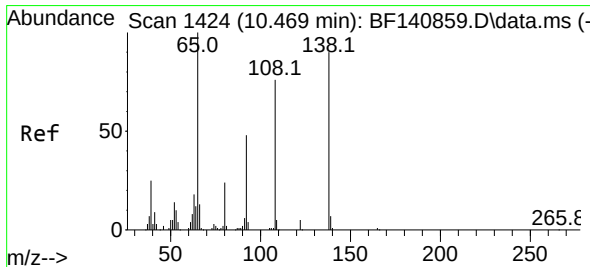
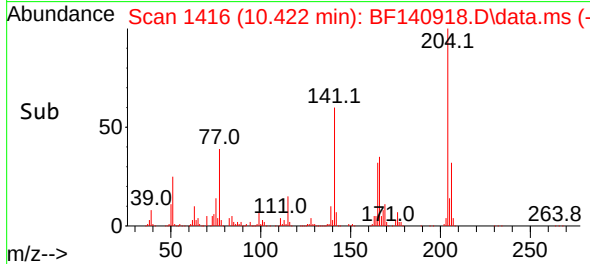
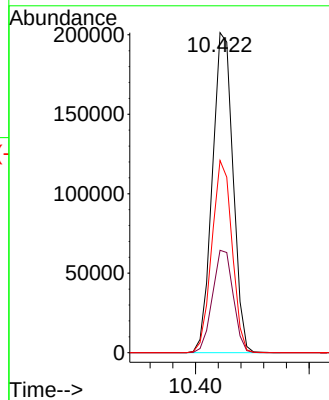
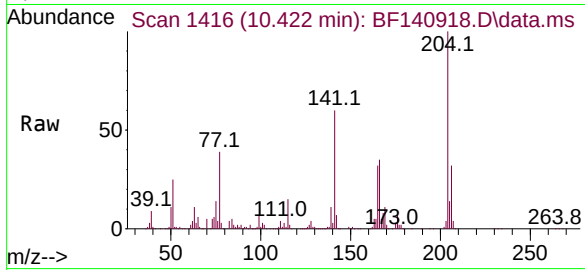




#61
4-Chlorophenyl-phenylether
Concen: 40.653 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

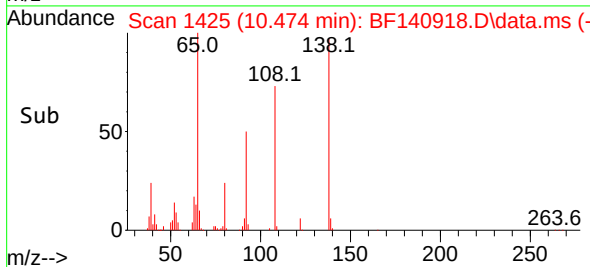
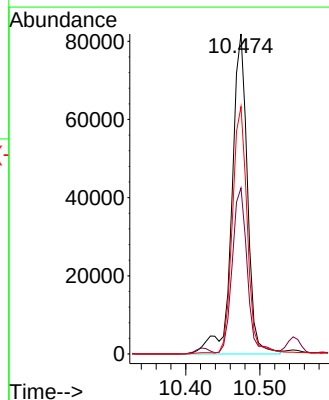
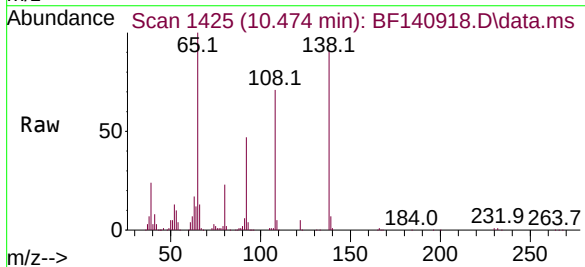
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

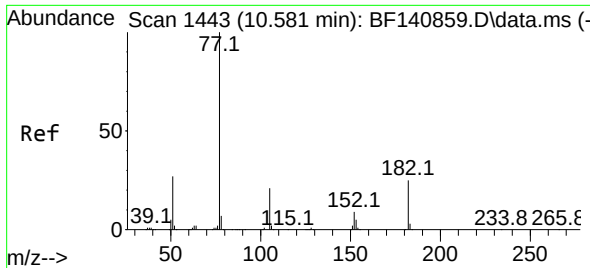
Tgt Ion:204 Resp: 254131
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 60.0 50.0 75.0



#62
4-Nitroaniline
Concen: 41.859 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:138 Resp: 119268
Ion Ratio Lower Upper
138 100
92 51.9 32.6 72.6
108 77.3 64.1 104.1

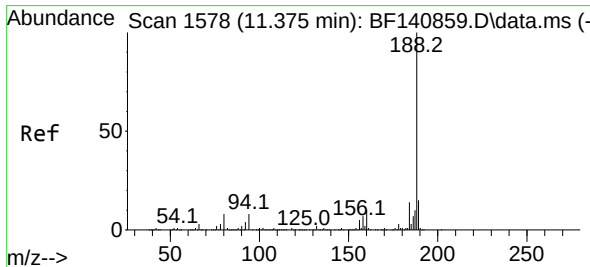
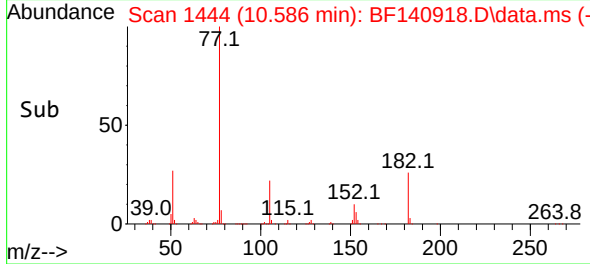
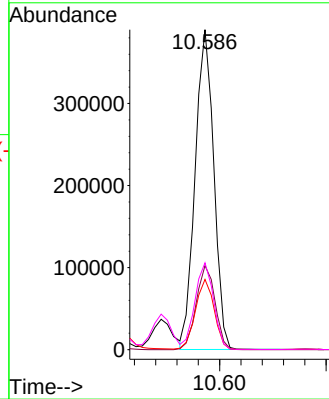
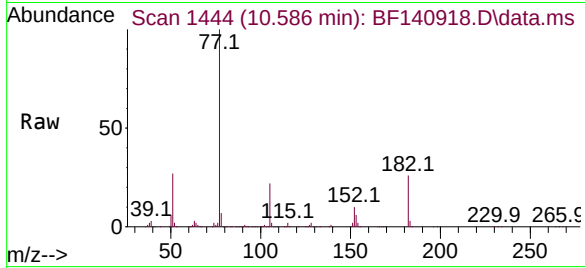




#63
Azobenzene
Concen: 40.505 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

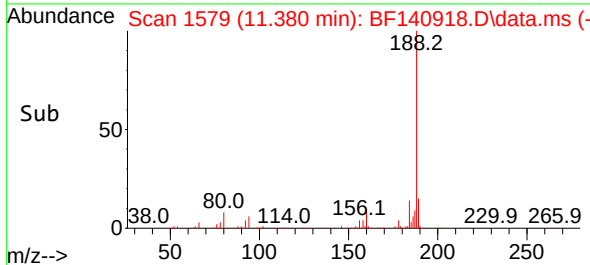
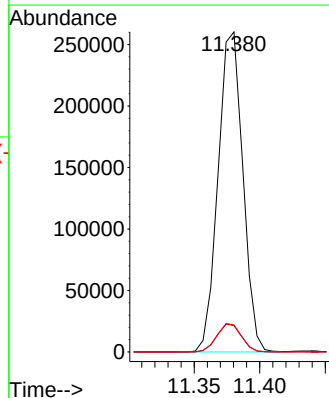
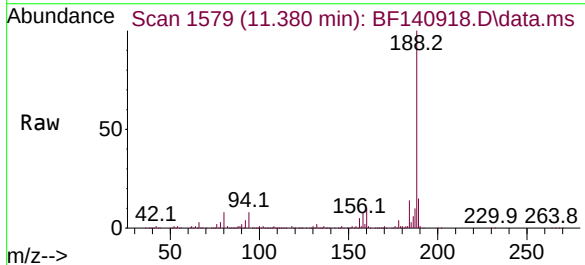
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

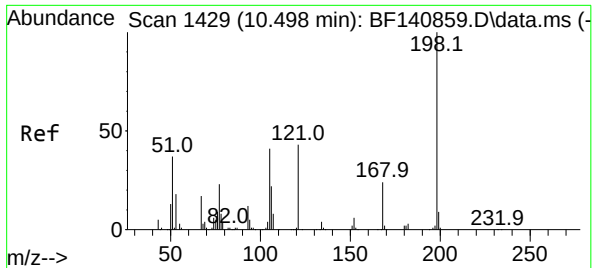
Tgt Ion: 77	Resp: 474575
Ion Ratio	Lower Upper
77 100	
182 26.3	4.5 44.5
105 21.9	0.9 40.9
51 27.1	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:188	Resp: 341650
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.5	6.8 10.2

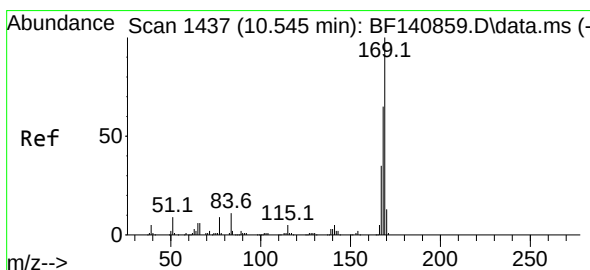
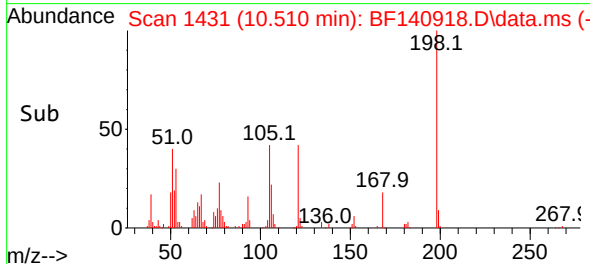
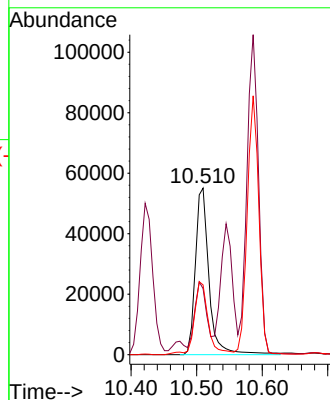
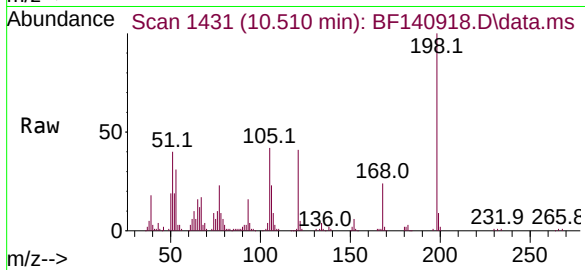




#65
4,6-Dinitro-2-methylphenol
Concen: 41.245 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

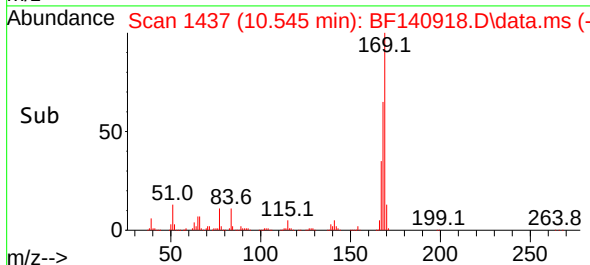
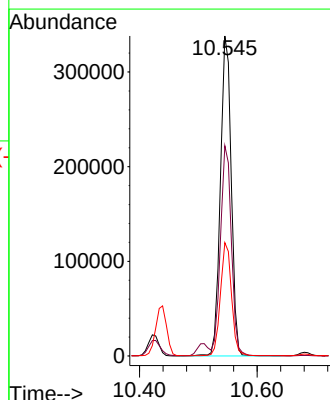
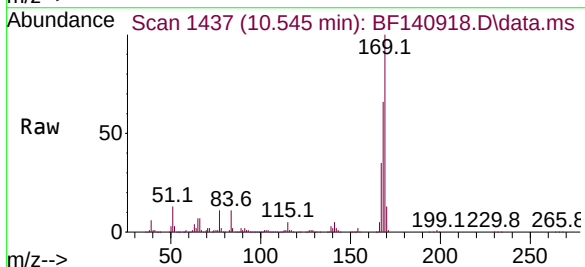
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

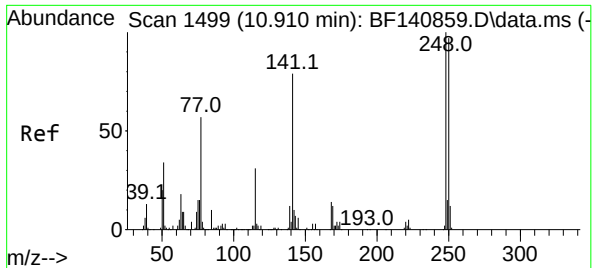
Tgt Ion:198 Resp: 79849
Ion Ratio Lower Upper
198 100
51 39.6 24.4 64.4
105 41.9 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 41.241 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:169 Resp: 433206
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.0
167 35.4 28.3 42.5

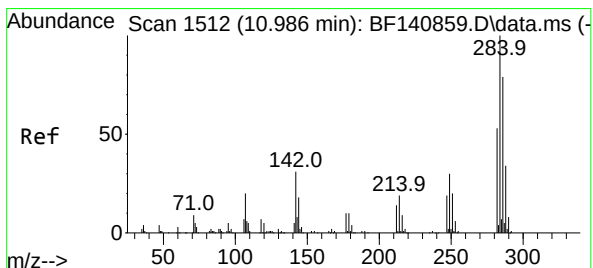
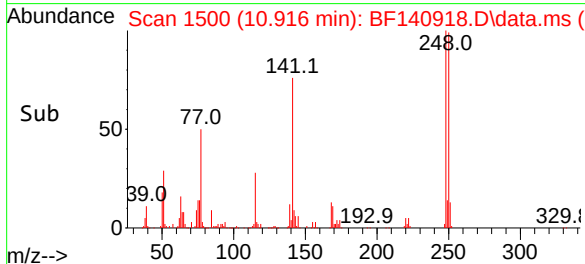
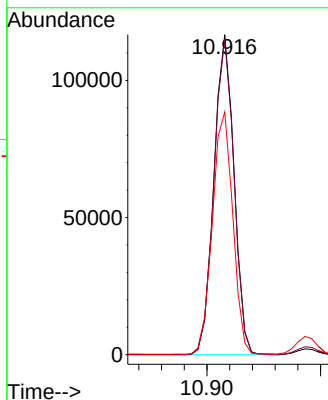
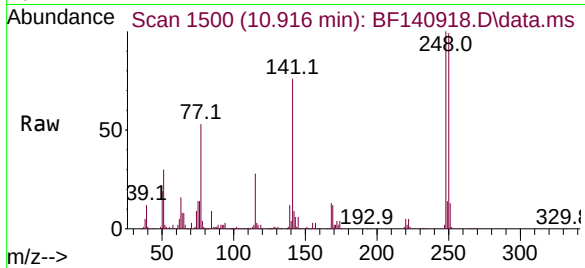




#67
4-Bromophenyl-phenylether
Concen: 37.509 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

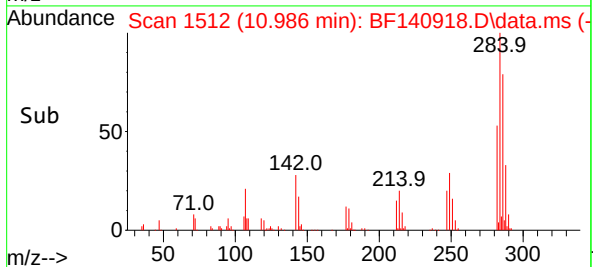
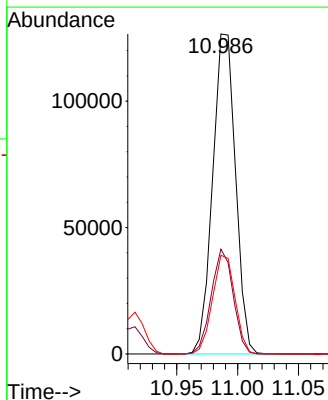
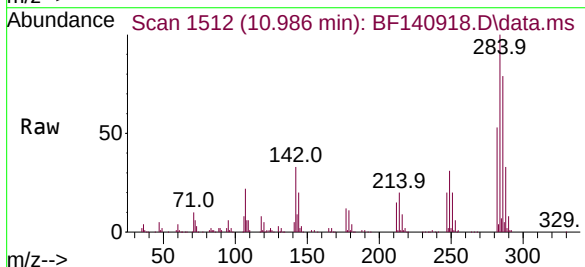
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

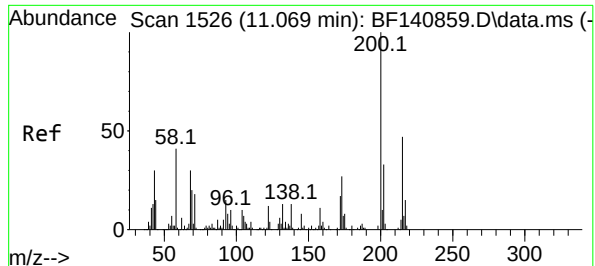
Tgt Ion:248 Resp: 143364
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.2
141 75.9 62.9 94.3



#68
Hexachlorobenzene
Concen: 38.170 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:284 Resp: 165408
Ion Ratio Lower Upper
284 100
142 32.8 24.6 36.8
249 30.8 24.3 36.5





#69

Atrazine

Concen: 33.670 ng

RT: 11.074 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

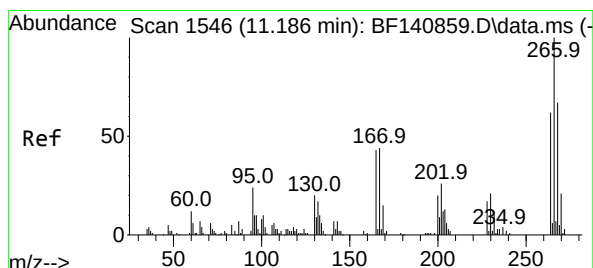
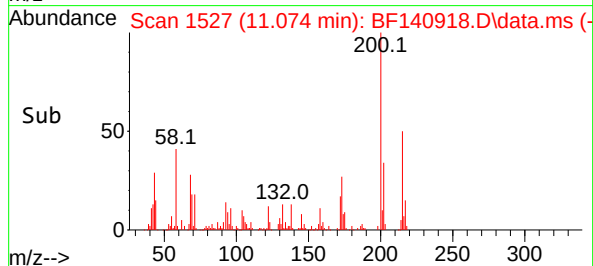
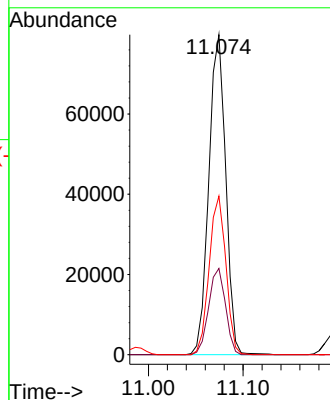
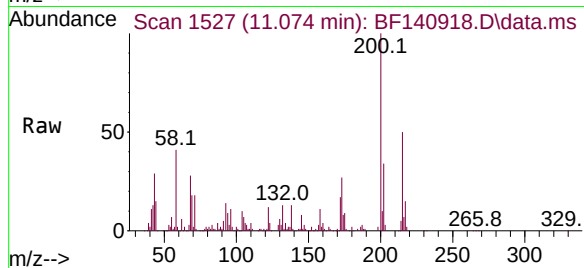
Tgt Ion:200 Resp: 98779

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 49.6 26.7 66.7



#70

Pentachlorophenol

Concen: 33.407 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

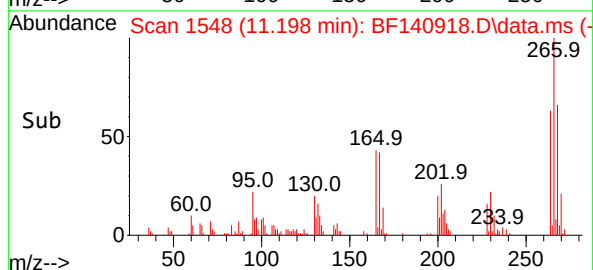
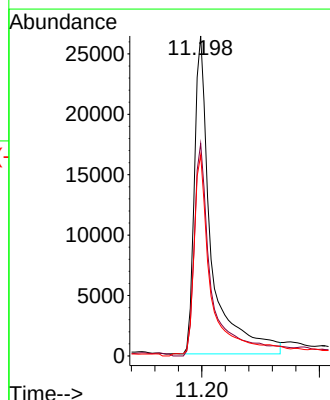
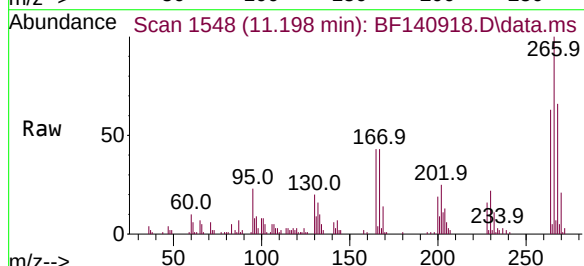
Tgt Ion:266 Resp: 52928

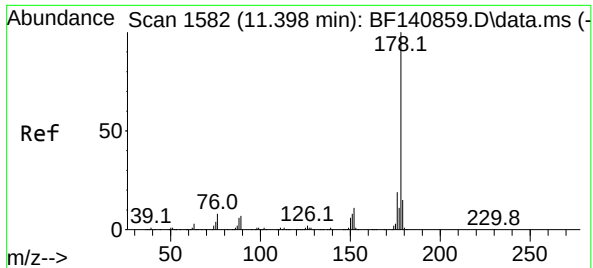
Ion Ratio Lower Upper

266 100

268 66.4 54.0 81.0

264 62.8 49.4 74.2





#71

Phenanthrene

Concen: 38.479 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

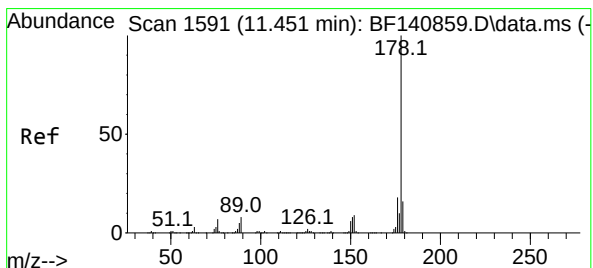
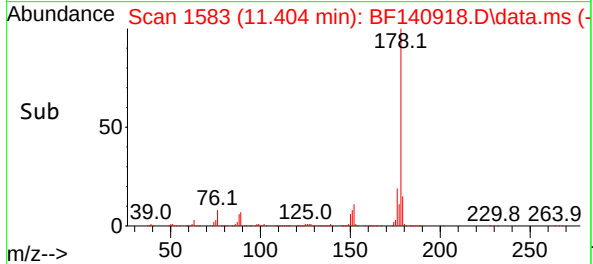
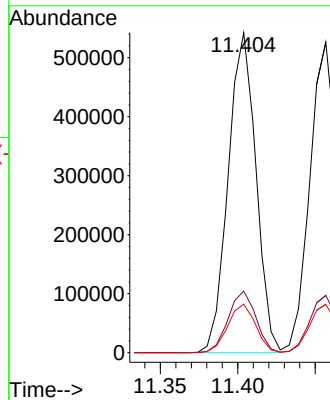
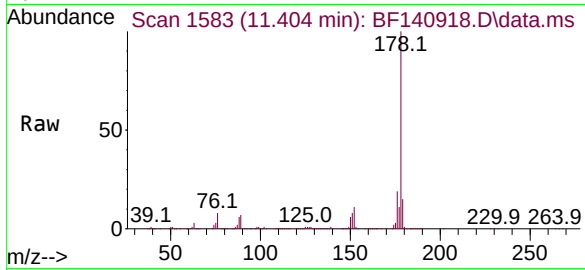
Tgt Ion:178 Resp: 676035

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.1 12.1 18.1



#72

Anthracene

Concen: 38.119 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

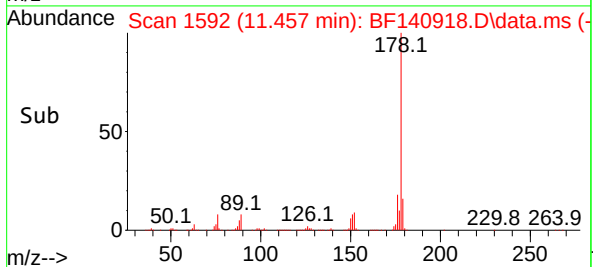
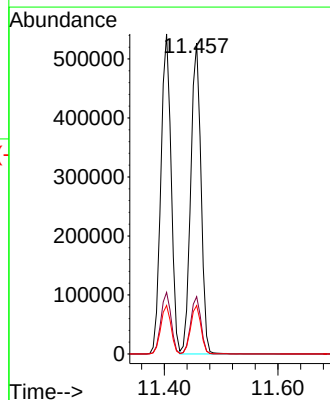
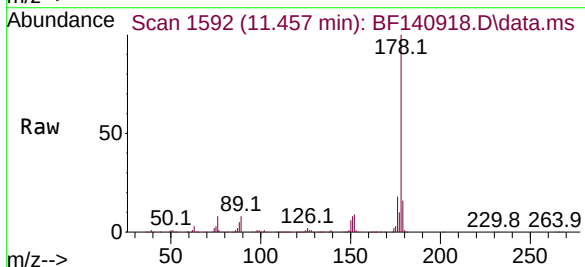
Tgt Ion:178 Resp: 659532

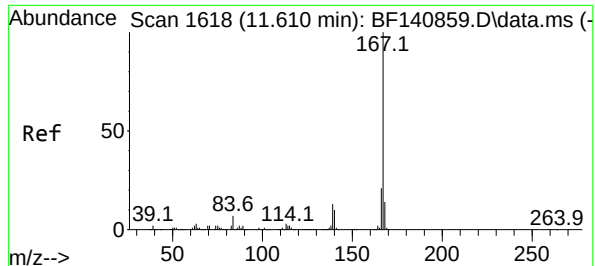
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.5 12.6 18.8





#73

Carbazole

Concen: 39.613 ng

RT: 11.616 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

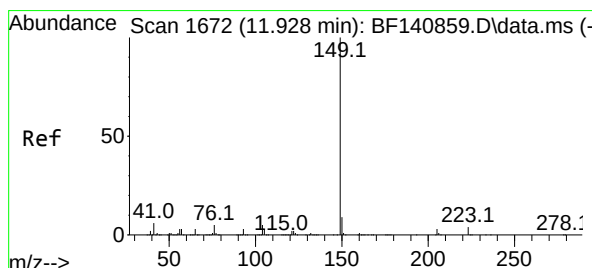
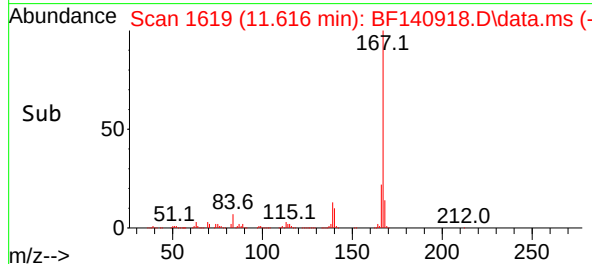
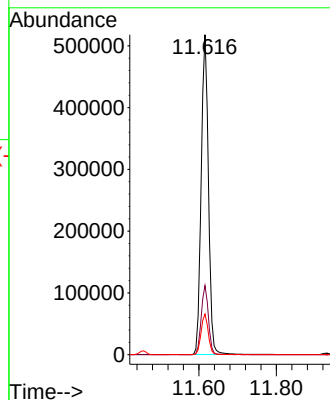
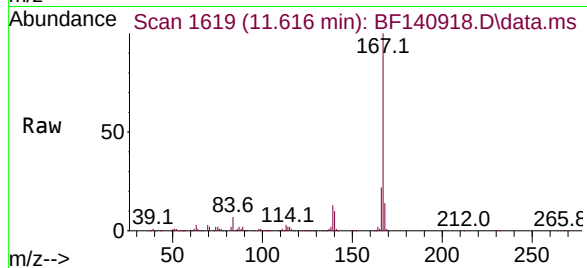
Tgt Ion:167 Resp: 671330

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 40.170 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

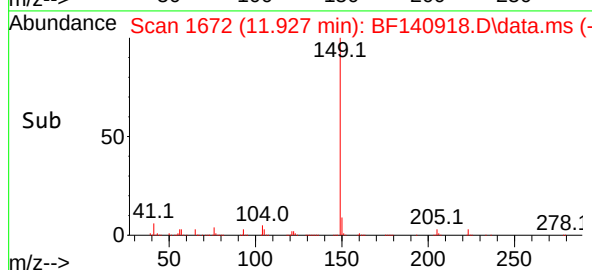
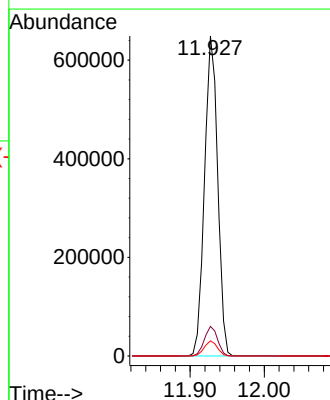
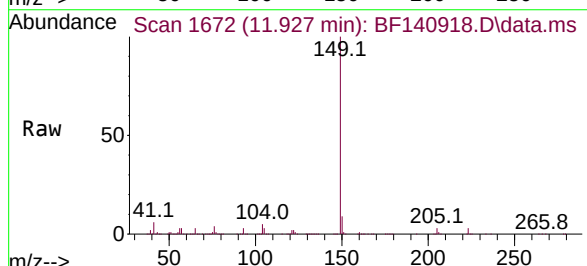
Tgt Ion:149 Resp: 798949

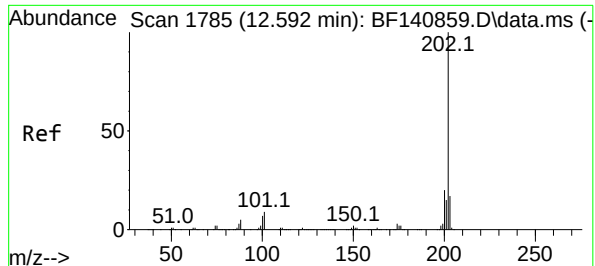
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 38.192 ng

RT: 12.598 min Scan# 1786

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

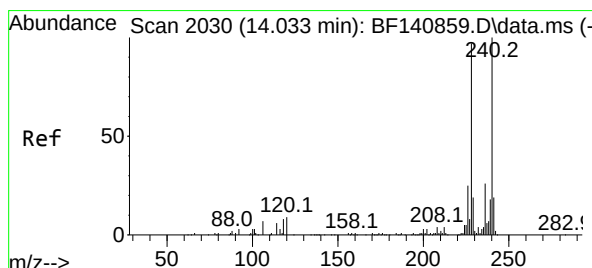
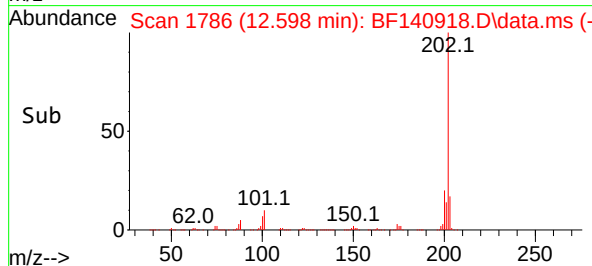
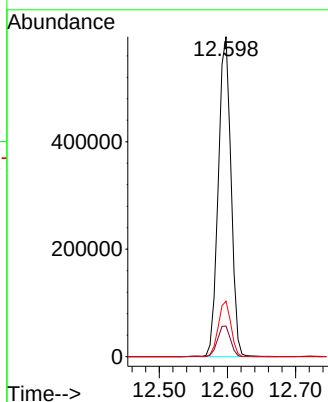
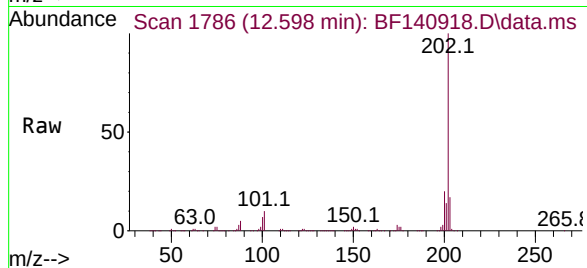
Tgt Ion:202 Resp: 772766

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.3

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

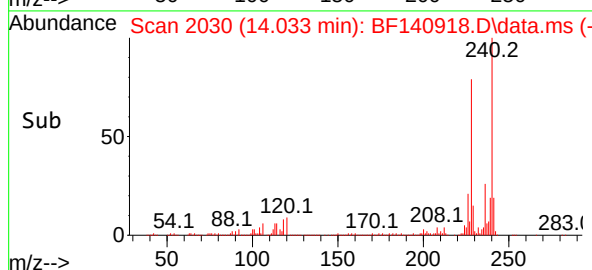
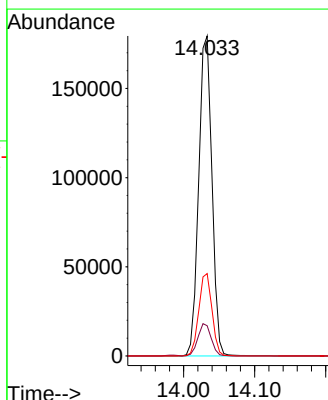
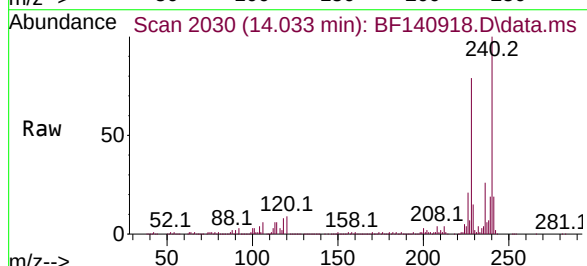
Tgt Ion:240 Resp: 232895

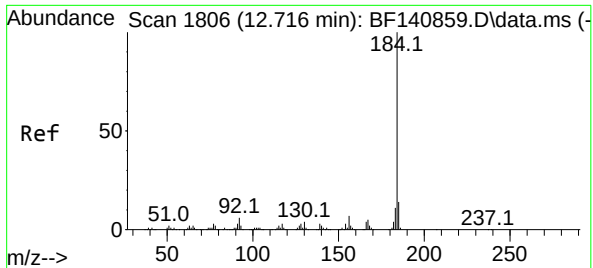
Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

236 25.8 20.5 30.7





#77

Benzidine

Concen: 47.473 ng

RT: 12.721 min Scan# 1807

Delta R.T. 0.005 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

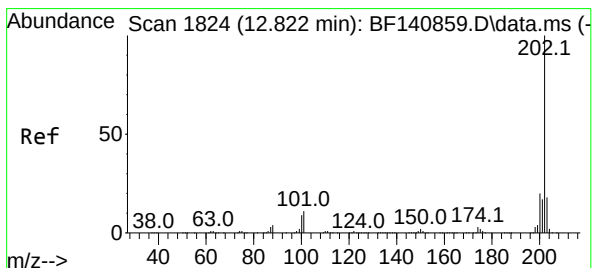
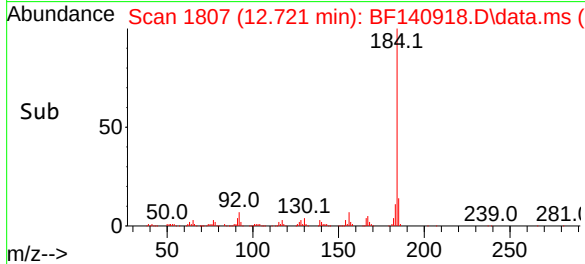
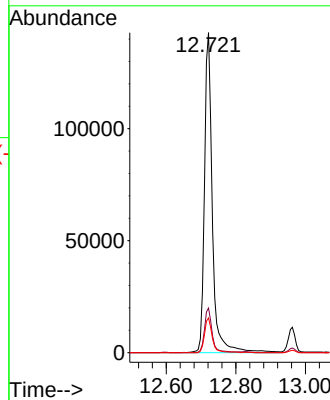
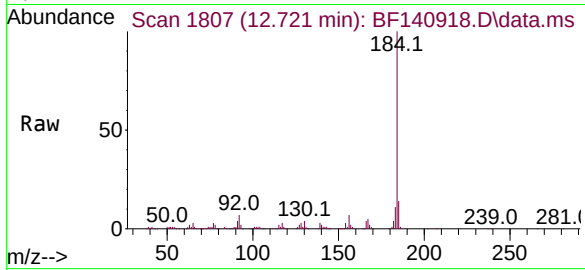
Tgt Ion:184 Resp: 225655

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

183 10.8 9.0 13.4



#78

Pyrene

Concen: 39.321 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

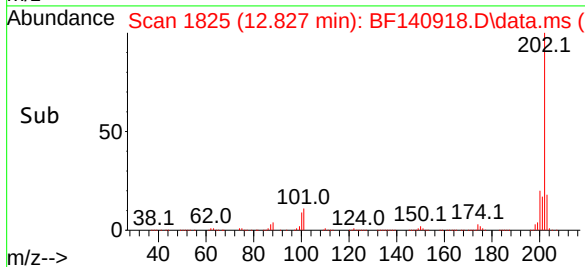
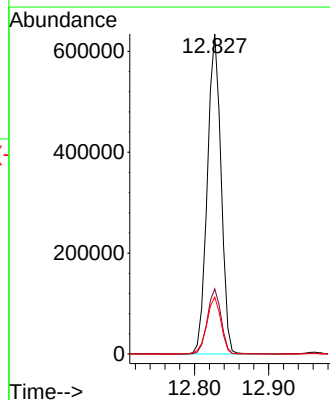
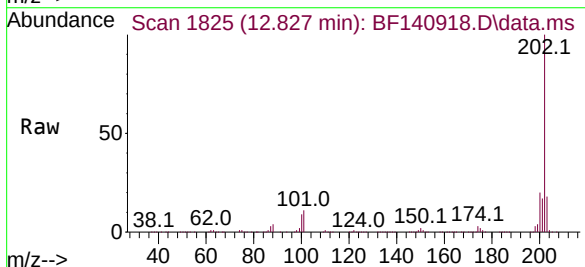
Tgt Ion:202 Resp: 814346

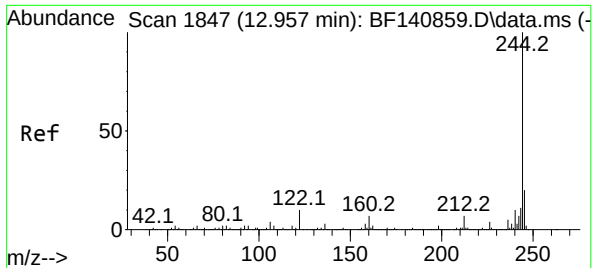
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 78.103 ng

RT: 12.963 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

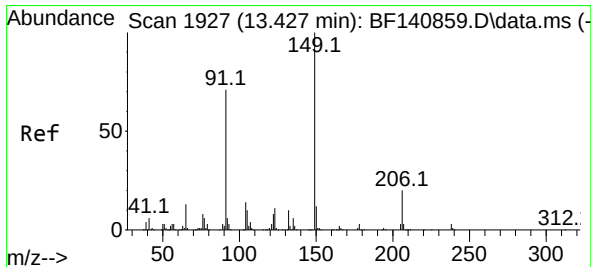
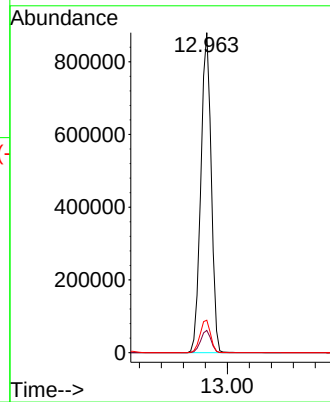
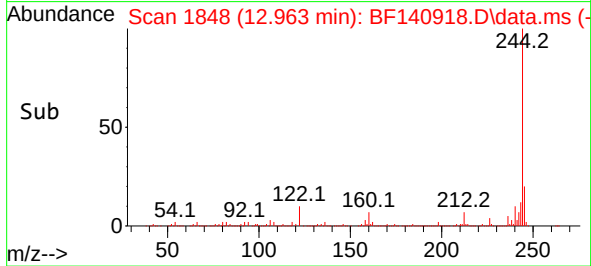
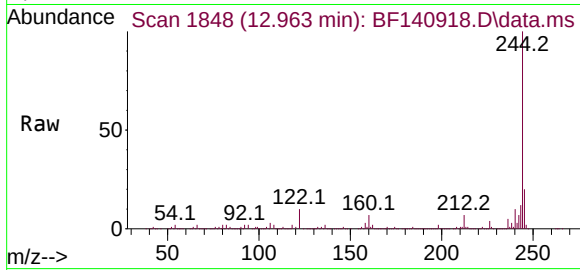
Tgt Ion:244 Resp: 1153538

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 42.661 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

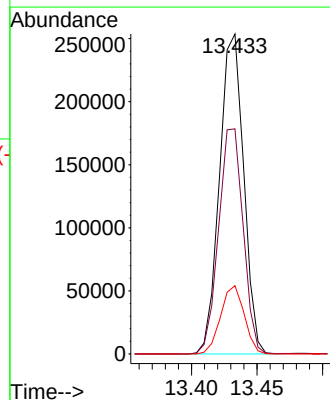
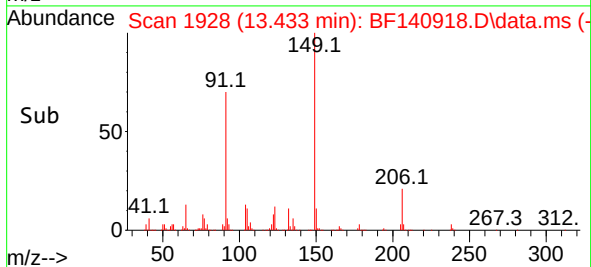
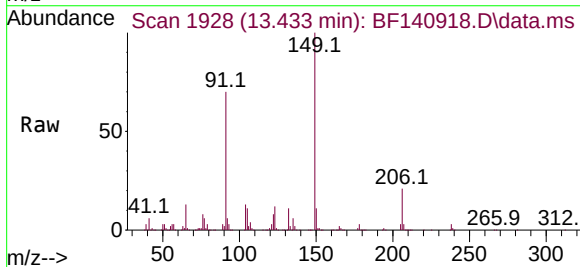
Tgt Ion:149 Resp: 325092

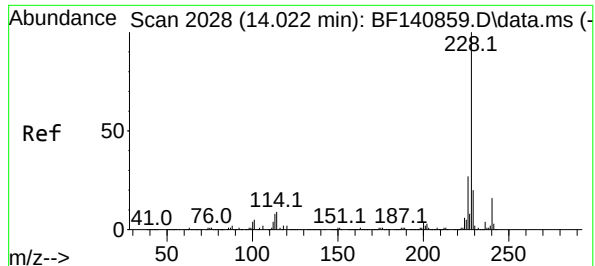
Ion Ratio Lower Upper

149 100

91 70.4 56.7 85.1

206 21.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.090 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

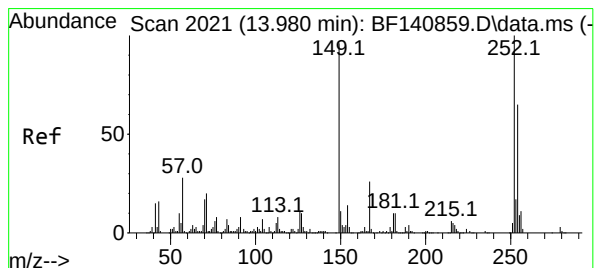
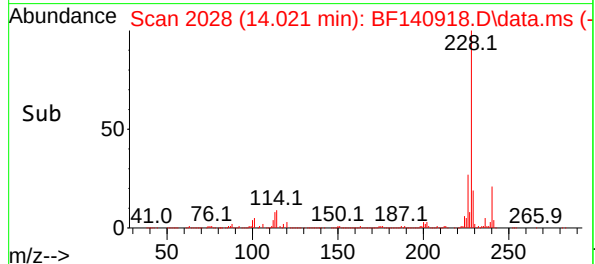
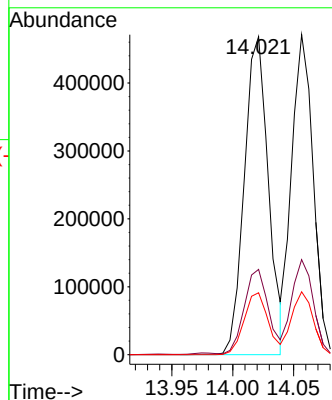
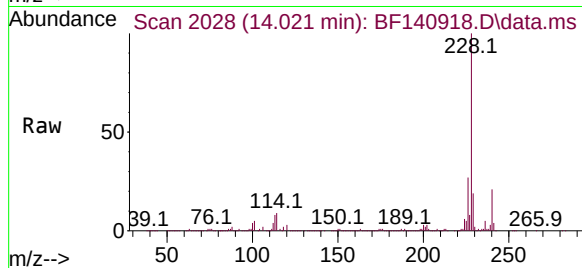
Tgt Ion:228 Resp: 645218

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.994 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

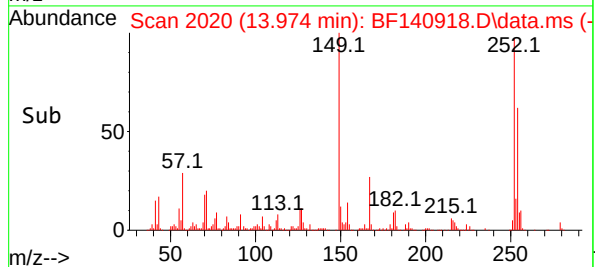
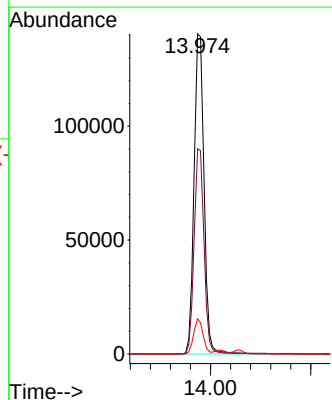
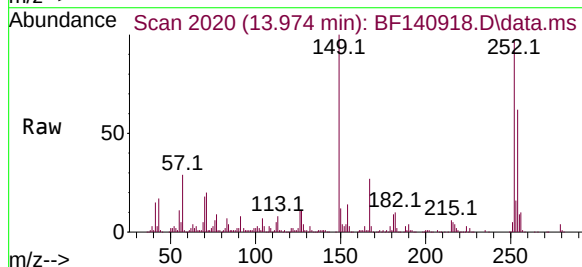
Tgt Ion:252 Resp: 194188

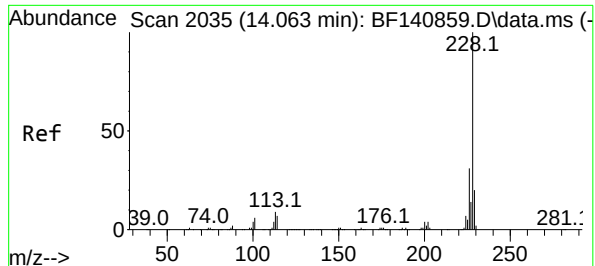
Ion Ratio Lower Upper

252 100

254 64.1 52.3 78.5

126 11.0 8.4 12.6





#83

Chrysene

Concen: 38.993 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

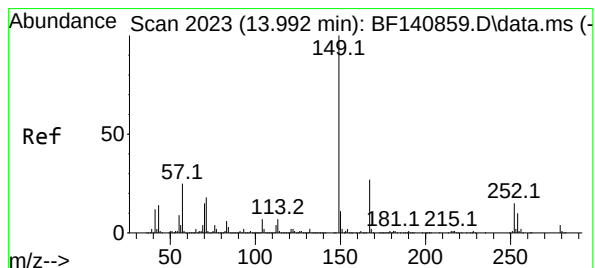
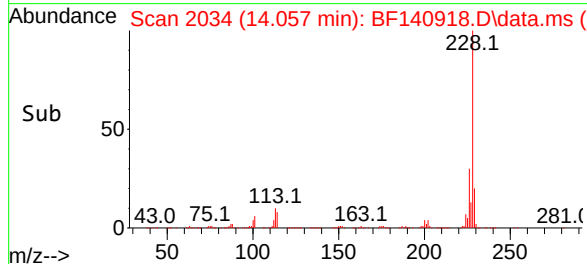
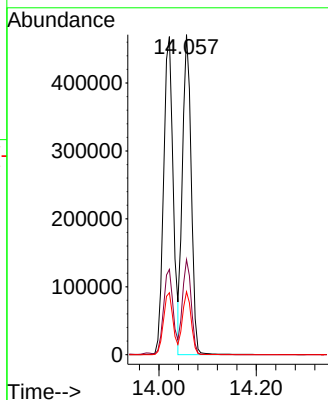
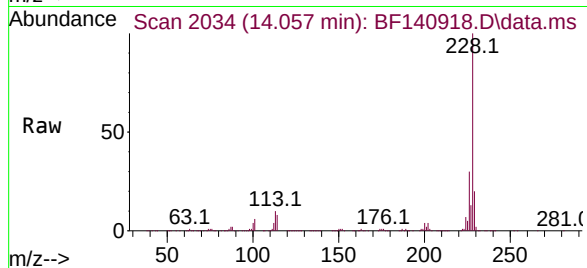
Tgt Ion:228 Resp: 585267

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.777 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

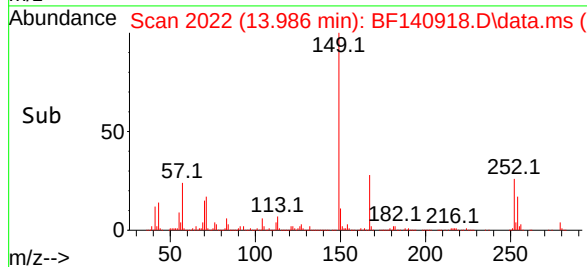
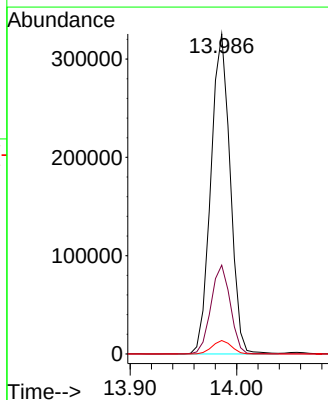
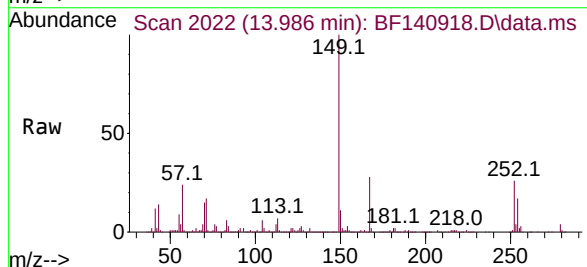
Tgt Ion:149 Resp: 410498

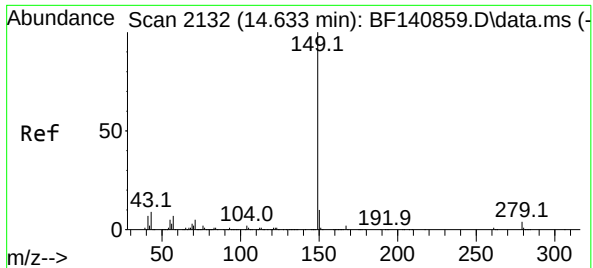
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.2 3.5 5.3

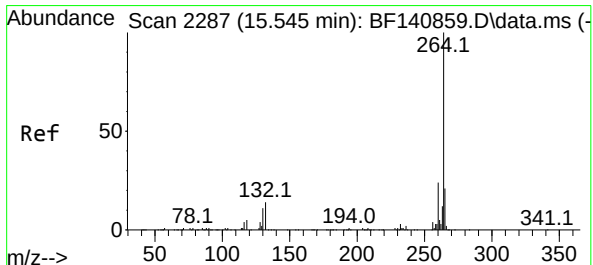
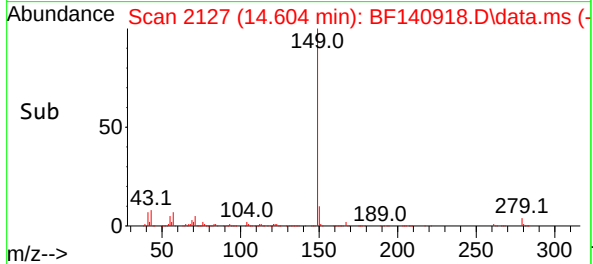
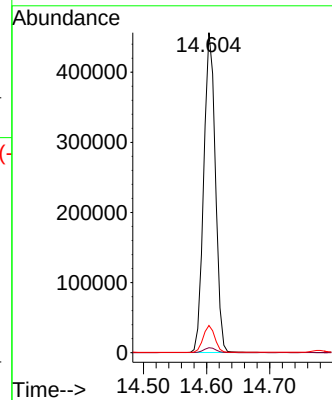
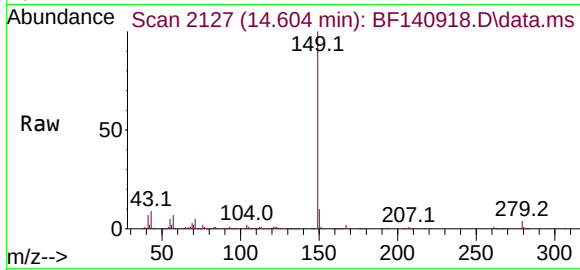




#85
Di-n-octyl phthalate
Concen: 39.126 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

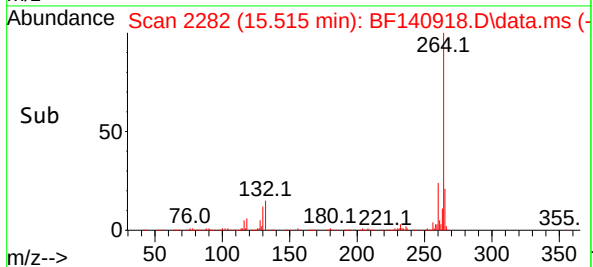
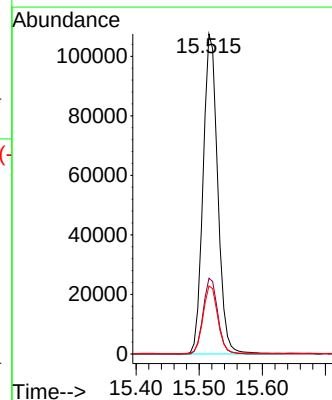
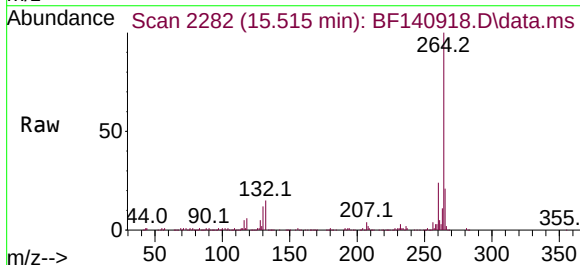
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

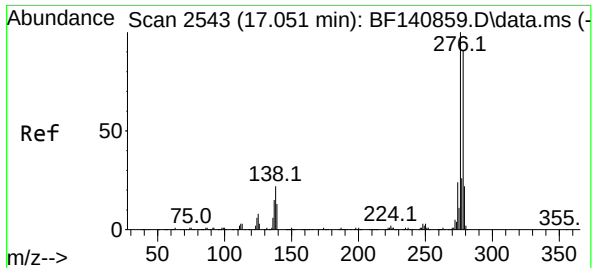
Tgt Ion:149 Resp: 581635
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.030 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:264 Resp: 172998
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.3 17.0 25.4

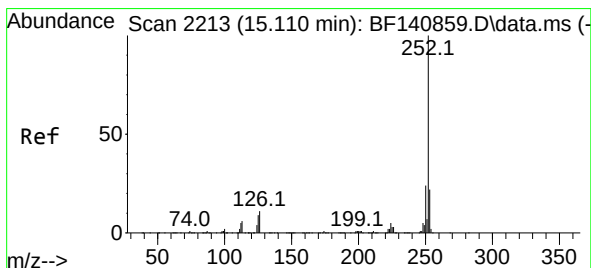
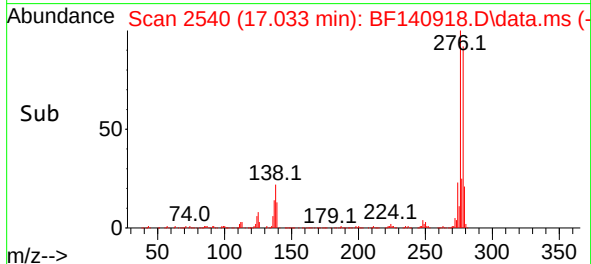
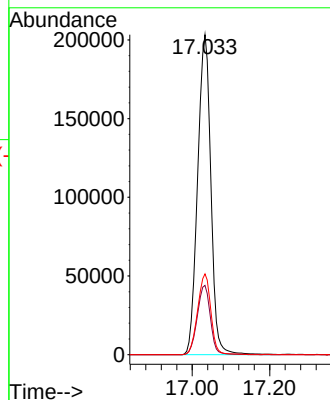
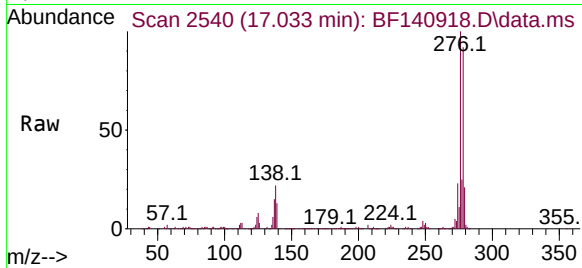




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.604 ng
RT: 17.033 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

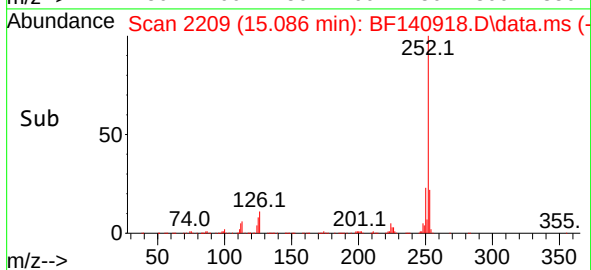
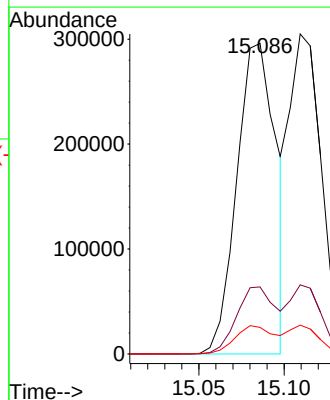
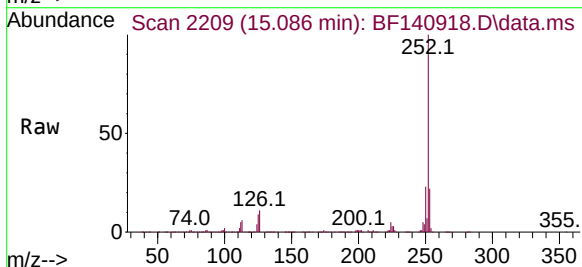
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

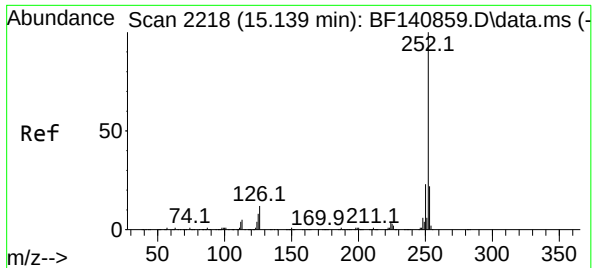
Tgt Ion:276 Resp: 481528
Ion Ratio Lower Upper
276 100
138 21.4 16.9 25.3
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 39.372 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.024 min
Lab File: BF140918.D
Acq: 19 Dec 2024 11:38

Tgt Ion:252 Resp: 472804
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.6 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 39.117 ng

RT: 15.109 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

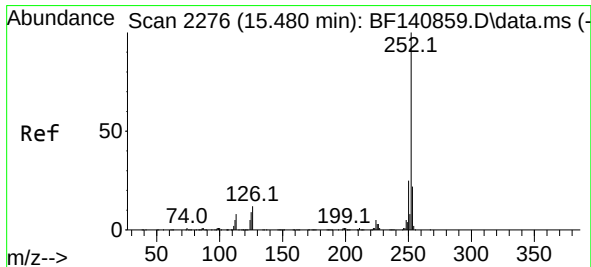
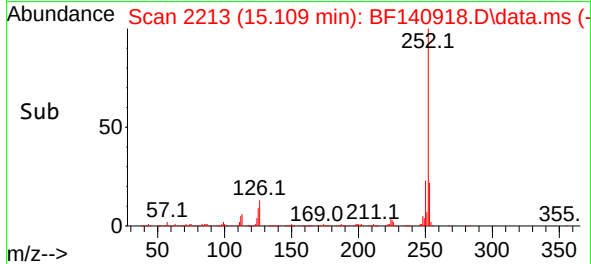
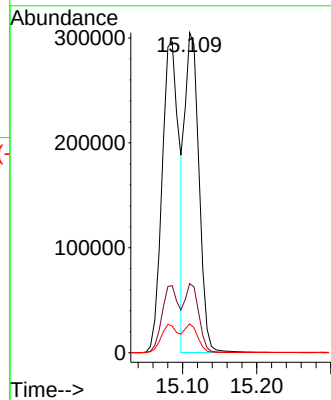
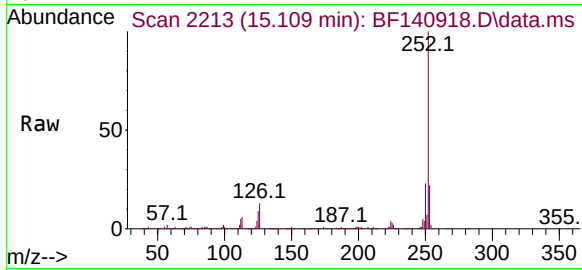
Tgt Ion:252 Resp: 402948

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.0 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.568 ng

RT: 15.456 min Scan# 2272

Delta R.T. -0.024 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

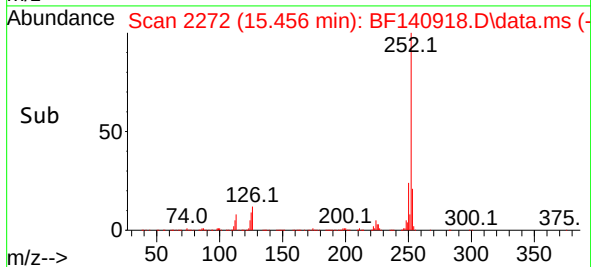
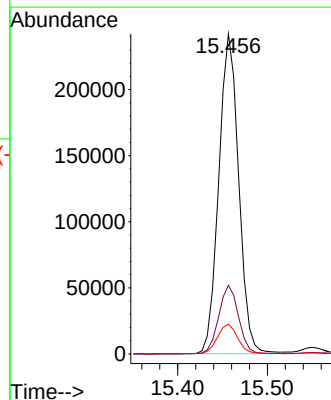
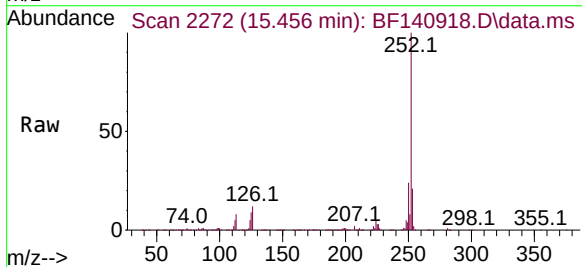
Tgt Ion:252 Resp: 372061

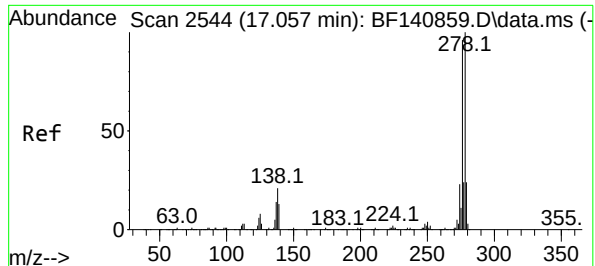
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.3 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 44.623 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

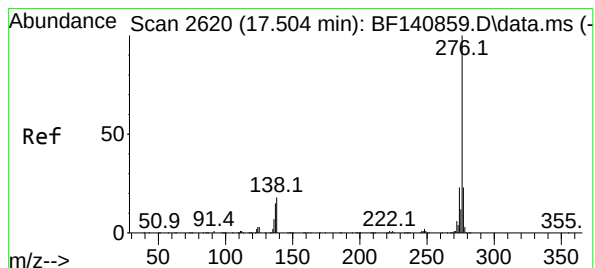
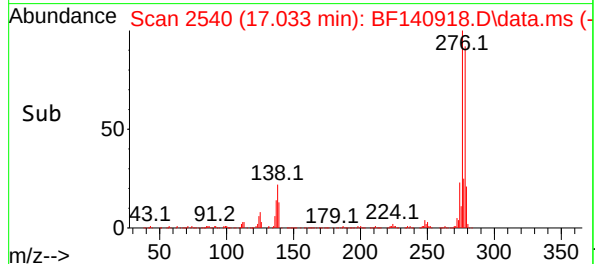
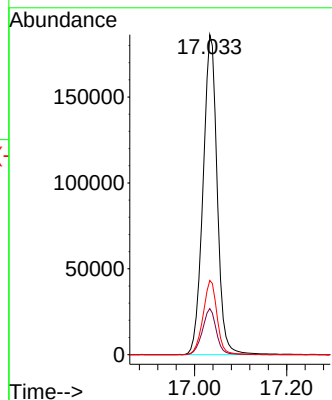
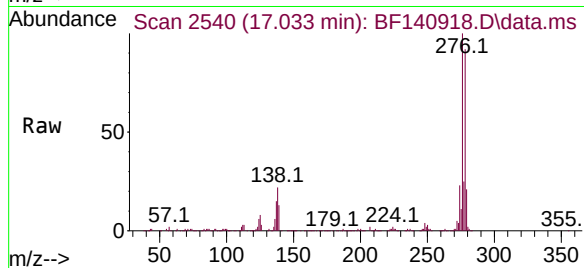
Tgt Ion:278 Resp: 399099

Ion Ratio Lower Upper

278 100

139 14.4 10.6 16.0

279 23.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 44.021 ng

RT: 17.492 min Scan# 2618

Delta R.T. -0.012 min

Lab File: BF140918.D

Acq: 19 Dec 2024 11:38

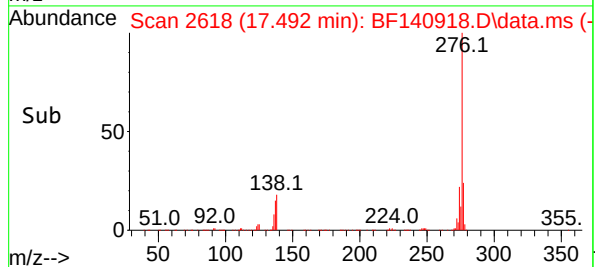
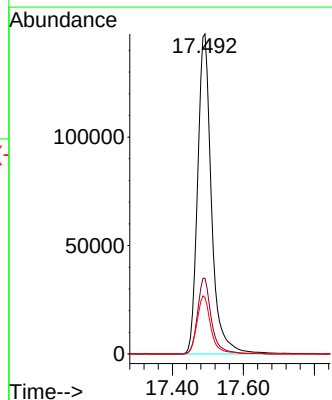
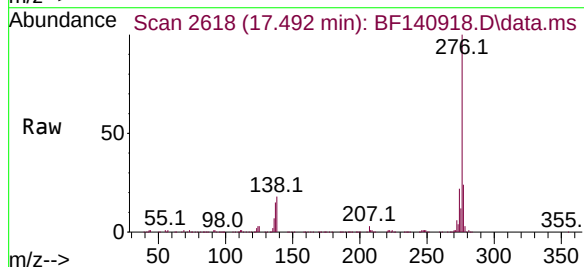
Tgt Ion:276 Resp: 400706

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.7 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140918.D
 Acq On : 19 Dec 2024 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	108	0.00
2	1,4-Dioxane	0.523	0.450	14.0	97	-0.03
3	Pyridine	1.212	1.128	6.9	100	-0.03
4	n-Nitrosodimethylamine	0.611	0.531	13.1	95	-0.03
5 S	2-Fluorophenol	1.215	1.221	-0.5	110	0.00
6	Aniline	1.376	1.299	5.6	103	0.00
7 S	Phenol-d6	1.609	1.487	7.6	103	0.00
8	2-Chlorophenol	1.325	1.270	4.2	106	0.00
9	Benzaldehyde	0.892	0.851	4.6	107	0.00
10 C	Phenol	1.668	1.568	6.0	104	0.00
11	bis(2-Chloroethyl)ether	1.244	1.187	4.6	105	0.00
12	1,3-Dichlorobenzene	1.510	1.434	5.0	106	0.00
13 C	1,4-Dichlorobenzene	1.532	1.474	3.8	107	0.00
14	1,2-Dichlorobenzene	1.446	1.351	6.6	102	0.00
15	Benzyl Alcohol	1.151	1.098	4.6	104	0.00
16	2,2'-oxybis(1-Chloropropane	1.465	1.372	6.3	103	0.00
17	2-Methylphenol	1.058	0.965	8.8	101	0.00
18	Hexachloroethane	0.570	0.530	7.0	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.965	0.878	9.0	103	0.00
20	3+4-Methylphenols	1.403	1.307	6.8	105	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22	Acetophenone	0.500	0.482	3.6	102	0.00
23 S	Nitrobenzene-d5	0.400	0.386	3.5	102	0.00
24	Nitrobenzene	0.410	0.392	4.4	102	0.00
25	Isophorone	0.670	0.648	3.3	104	0.00
26 C	2-Nitrophenol	0.189	0.188	0.5	104	0.00
27	2,4-Dimethylphenol	0.220	0.217	1.4	103	0.00
28	bis(2-Chloroethoxy)methane	0.418	0.408	2.4	102	0.00
29 C	2,4-Dichlorophenol	0.304	0.300	1.3	105	0.00
30	1,2,4-Trichlorobenzene	0.349	0.334	4.3	102	0.00
31	Naphthalene	1.099	1.070	2.6	104	0.00
32	Benzoic acid	0.209	0.202	3.3	99	0.00
33	4-Chloroaniline	0.365	0.367	-0.5	106	0.00
34 C	Hexachlorobutadiene	0.235	0.224	4.7	100	0.00
35	Caprolactam	0.091	0.100	-9.9	115	0.00
36 C	4-Chloro-3-methylphenol	0.342	0.331	3.2	102	0.00
37	2-Methylnaphthalene	0.727	0.712	2.1	103	0.00
38	1-Methylnaphthalene	0.719	0.679	5.6	100	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.615	0.631	-2.6	103	0.00
41 P	Hexachlorocyclopentadiene	0.153	0.110	28.1#	74	0.00
42 S	2,4,6-Tribromophenol	0.237	0.237	0.0	94	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.385	-2.4	101	0.00
44	2,4,5-Trichlorophenol	0.414	0.412	0.5	99	0.00
45 S	2-Fluorobiphenyl	1.455	1.472	-1.2	102	0.00
46	1,1'-Biphenyl	1.590	1.648	-3.6	104	0.00
47	2-Chloronaphthalene	1.217	1.266	-4.0	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140918.D
 Acq On : 19 Dec 2024 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	0.367	0.391	-6.5	104	0.00
49	Acenaphthylene	1.788	1.915	-7.1	105	0.00
50	Dimethylphthalate	1.410	1.465	-3.9	102	0.00
51	2,6-Dinitrotoluene	0.322	0.329	-2.2	100	0.00
52 C	Acenaphthene	1.142	1.107	3.1	95	0.00
53	3-Nitroaniline	0.320	0.327	-2.2	99	0.00
54 P	2,4-Dinitrophenol	0.132	0.123	6.8	88	0.01
55	Dibenzofuran	1.770	1.720	2.8	95	0.00
56 P	4-Nitrophenol	0.150	0.181	-20.7	105	0.01
57	2,4-Dinitrotoluene	0.424	0.419	1.2	95	0.00
58	Fluorene	1.460	1.449	0.8	95	0.00
59	2,3,4,6-Tetrachlorophenol	0.337	0.351	-4.2	94	0.00
60	Diethylphthalate	1.462	1.435	1.8	95	0.00
61	4-Chlorophenyl-phenylether	0.733	0.745	-1.6	99	0.00
62	4-Nitroaniline	0.334	0.350	-4.8	98	0.00
63	Azobenzene	1.375	1.392	-1.2	97	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	94	0.00
65	4,6-Dinitro-2-methylphenol	0.113	0.117	-3.5	95	0.01
66 c	n-Nitrosodiphenylamine	0.615	0.634	-3.1	100	0.00
67	4-Bromophenyl-phenylether	0.224	0.210	6.3	90	0.00
68	Hexachlorobenzene	0.254	0.242	4.7	93	0.00
69	Atrazine	0.172	0.145	15.7	81	0.00
70 C	Pentachlorophenol	0.093	0.077	17.2	75	0.01
71	Phenanthrene	1.028	0.989	3.8	95	0.00
72	Anthracene	1.013	0.965	4.7	94	0.00
73	Carbazole	0.992	0.982	1.0	97	0.00
74	Di-n-butylphthalate	1.164	1.169	-0.4	98	0.00
75 C	Fluoranthene	1.184	1.131	4.5	94	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	97	0.00
77	Benzydine	0.408	0.484	-18.6	116	0.00
78	Pyrene	1.779	1.748	1.7	99	0.00
79 S	Terphenyl-d14	1.268	1.238	2.4	99	0.00
80	Butylbenzylphthalate	0.654	0.698	-6.7	104	0.00
81	Benzo(a)anthracene	1.417	1.385	2.3	99	0.00
82	3,3'-Dichlorobenzidine	0.428	0.417	2.6	98	0.00
83	Chrysene	1.289	1.257	2.5	96	0.00
84	Bis(2-ethylhexyl)phthalate	0.844	0.881	-4.4	104	0.00
85 c	Di-n-octyl phthalate	1.277	1.249	2.2	99	-0.03
86 I	Perylene-d12	1.000	1.000	0.0	85	-0.03
87	Indeno(1,2,3-cd)pyrene	1.248	1.392	-11.5	94	-0.02
88	Benzo(b)fluoranthene	1.388	1.367	1.5	90	-0.02
89	Benzo(k)fluoranthene	1.191	1.165	2.2	81	-0.03
90 C	Benzo(a)pyrene	1.087	1.075	1.1	86	-0.02
91	Dibenzo(a,h)anthracene	1.034	1.153	-11.5	93	-0.02
92	Benzo(g,h,i)perylene	1.052	1.158	-10.1	92	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
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\BF121924\
 Data File : BF140918.D
 Acq On : 19 Dec 2024 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	108	0.00
2	1,4-Dioxane	40.000	34.398	14.0	97	-0.03
3	Pyridine	40.000	37.226	6.9	100	-0.03
4	n-Nitrosodimethylamine	40.000	34.760	13.1	95	-0.03
5 S	2-Fluorophenol	80.000	80.420	-0.5	110	0.00
6	Aniline	40.000	37.754	5.6	103	0.00
7 S	Phenol-d6	80.000	73.945	7.6	103	0.00
8	2-Chlorophenol	40.000	38.339	4.2	106	0.00
9	Benzaldehyde	40.000	38.181	4.5	107	0.00
10 C	Phenol	40.000	37.595	6.0	104	0.00
11	bis(2-Chloroethyl)ether	40.000	38.180	4.6	105	0.00
12	1,3-Dichlorobenzene	40.000	37.982	5.0	106	0.00
13 C	1,4-Dichlorobenzene	40.000	38.472	3.8	107	0.00
14	1,2-Dichlorobenzene	40.000	37.385	6.5	102	0.00
15	Benzyl Alcohol	40.000	38.161	4.6	104	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.443	6.4	103	0.00
17	2-Methylphenol	40.000	36.500	8.8	101	0.00
18	Hexachloroethane	40.000	37.187	7.0	103	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.368	9.1	103	0.00
20	3+4-Methylphenols	40.000	37.271	6.8	105	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22	Acetophenone	40.000	38.526	3.7	102	0.00
23 S	Nitrobenzene-d5	80.000	77.237	3.5	102	0.00
24	Nitrobenzene	40.000	38.336	4.2	102	0.00
25	Isophorone	40.000	38.674	3.3	104	0.00
26 C	2-Nitrophenol	40.000	39.779	0.6	104	0.00
27	2,4-Dimethylphenol	40.000	39.347	1.6	103	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.978	2.6	102	0.00
29 C	2,4-Dichlorophenol	40.000	39.496	1.3	105	0.00
30	1,2,4-Trichlorobenzene	40.000	38.301	4.2	102	0.00
31	Naphthalene	40.000	38.970	2.6	104	0.00
32	Benzoic acid	40.000	38.714	3.2	99	0.00
33	4-Chloroaniline	40.000	40.223	-0.6	106	0.00
34 C	Hexachlorobutadiene	40.000	38.122	4.7	100	0.00
35	Caprolactam	40.000	43.976	-9.9	115	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.688	3.3	102	0.00
37	2-Methylnaphthalene	40.000	39.163	2.1	103	0.00
38	1-Methylnaphthalene	40.000	37.810	5.5	100	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.048	-2.6	103	0.00
41 P	Hexachlorocyclopentadiene	40.000	33.321	16.7	74	0.00
42 S	2,4,6-Tribromophenol	80.000	80.186	-0.2	94	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.863	-2.2	101	0.00
44	2,4,5-Trichlorophenol	40.000	39.803	0.5	99	0.00
45 S	2-Fluorobiphenyl	80.000	80.929	-1.2	102	0.00
46	1,1'-Biphenyl	40.000	41.459	-3.6	104	0.00
47	2-Chloronaphthalene	40.000	41.616	-4.0	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140918.D
 Acq On : 19 Dec 2024 11:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 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	42.617	-6.5	104	0.00
49	Acenaphthylene	40.000	42.842	-7.1	105	0.00
50	Dimethylphthalate	40.000	41.552	-3.9	102	0.00
51	2,6-Dinitrotoluene	40.000	40.848	-2.1	100	0.00
52 C	Acenaphthene	40.000	38.754	3.1	95	0.00
53	3-Nitroaniline	40.000	40.947	-2.4	99	0.00
54 P	2,4-Dinitrophenol	40.000	35.324	11.7	88	0.01
55	Dibenzofuran	40.000	38.883	2.8	95	0.00
56 P	4-Nitrophenol	40.000	44.209	-10.5	105	0.01
57	2,4-Dinitrotoluene	40.000	39.496	1.3	95	0.00
58	Fluorene	40.000	39.705	0.7	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.624	-4.1	94	0.00
60	Diethylphthalate	40.000	39.244	1.9	95	0.00
61	4-Chlorophenyl-phenylether	40.000	40.653	-1.6	99	0.00
62	4-Nitroaniline	40.000	41.859	-4.6	98	0.00
63	Azobenzene	40.000	40.505	-1.3	97	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	94	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.245	-3.1	95	0.01
66 c	n-Nitrosodiphenylamine	40.000	41.241	-3.1	100	0.00
67	4-Bromophenyl-phenylether	40.000	37.509	6.2	90	0.00
68	Hexachlorobenzene	40.000	38.170	4.6	93	0.00
69	Atrazine	40.000	33.670	15.8	81	0.00
70 C	Pentachlorophenol	40.000	33.407	16.5	75	0.01
71	Phenanthrene	40.000	38.479	3.8	95	0.00
72	Anthracene	40.000	38.119	4.7	94	0.00
73	Carbazole	40.000	39.613	1.0	97	0.00
74	Di-n-butylphthalate	40.000	40.170	-0.4	98	0.00
75 C	Fluoranthene	40.000	38.192	4.5	94	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77	Benzydine	40.000	47.473	-18.7	116	0.00
78	Pyrene	40.000	39.321	1.7	99	0.00
79 S	Terphenyl-d14	80.000	78.103	2.4	99	0.00
80	Butylbenzylphthalate	40.000	42.661	-6.7	104	0.00
81	Benzo(a)anthracene	40.000	39.090	2.3	99	0.00
82	3,3'-Dichlorobenzidine	40.000	38.994	2.5	98	0.00
83	Chrysene	40.000	38.993	2.5	96	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.777	-4.4	104	0.00
85 c	Di-n-octyl phthalate	40.000	39.126	2.2	99	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	85	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	44.604	-11.5	94	-0.02
88	Benzo(b)fluoranthene	40.000	39.372	1.6	90	-0.02
89	Benzo(k)fluoranthene	40.000	39.117	2.2	81	-0.03
90 C	Benzo(a)pyrene	40.000	39.568	1.1	86	-0.02
91	Dibenzo(a,h)anthracene	40.000	44.623	-11.6	93	-0.02
92	Benzo(g,h,i)perylene	40.000	44.021	-10.1	92	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140918.D
Acq On : 19 Dec 2024 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 19 12:03:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
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



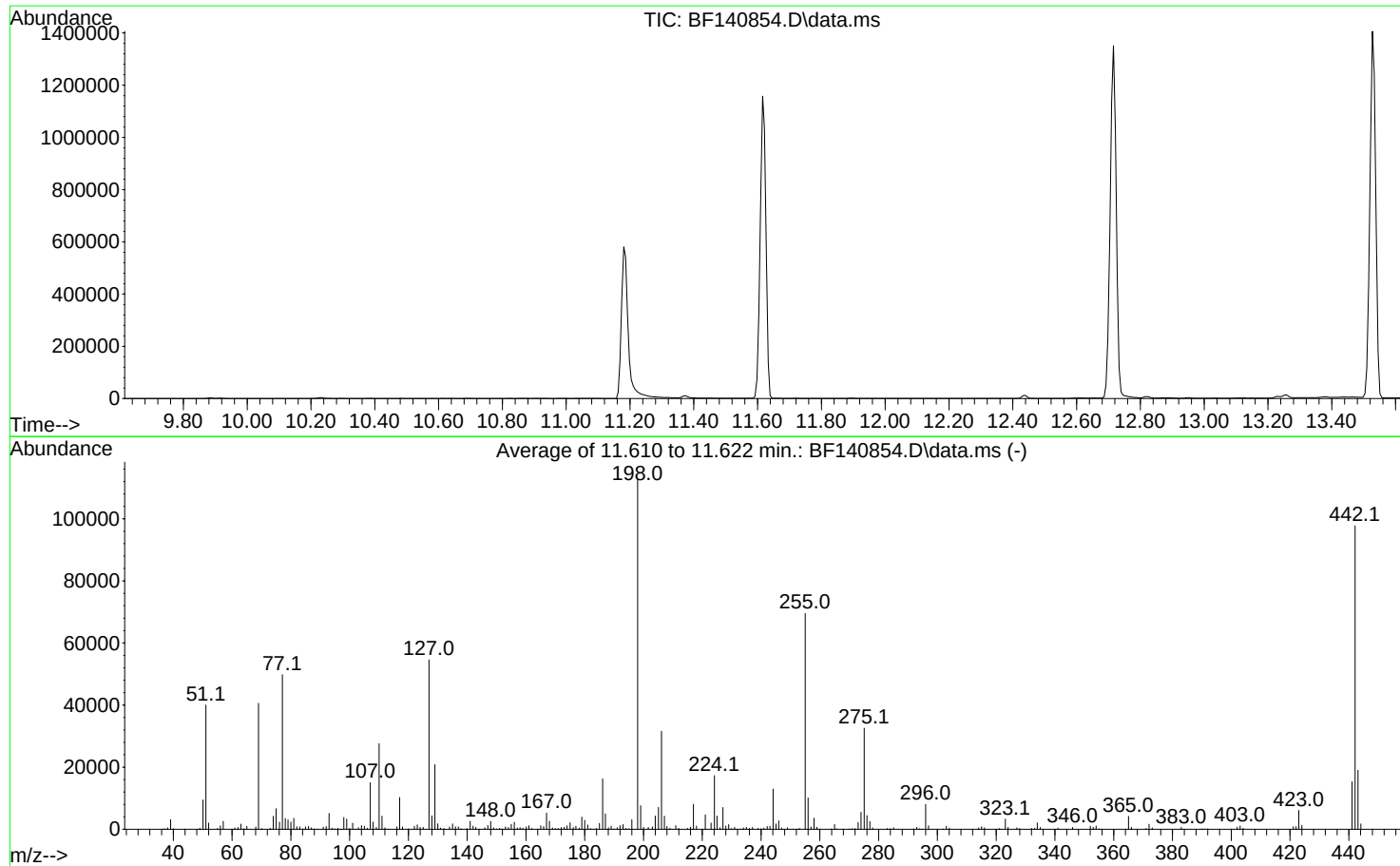
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140854.D
Acq On : 16 Dec 2024 11:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024



AutoFind: Scans 1618, 1619, 1620; Background Corrected with Scan 1612

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	35.6	40051	PASS
68	69	0.00	2	1.9	751	PASS
69	198	0.00	100	36.0	40557	PASS
70	69	0.00	2	0.6	252	PASS
127	198	10	80	48.5	54581	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	112637	PASS
199	198	5	9	6.7	7601	PASS
275	198	10	60	28.9	32549	PASS
365	198	1	100	3.7	4169	PASS
441	198	0.01	100	13.6	15301	PASS
442	442	50	100	100.0	97731	PASS
443	442	15	24	19.4	18998	PASS

DDT Breakdown

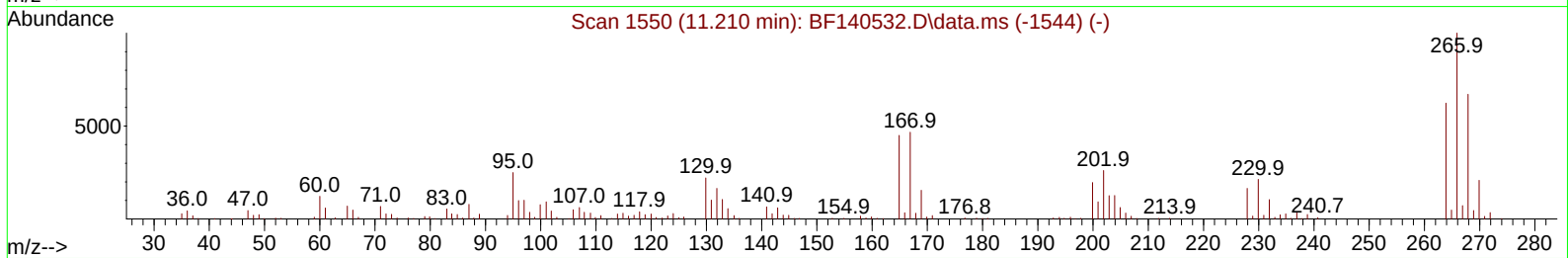
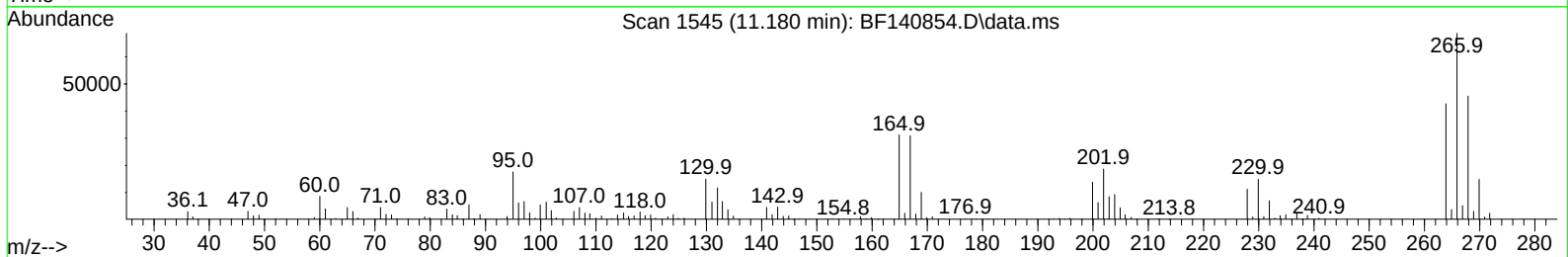
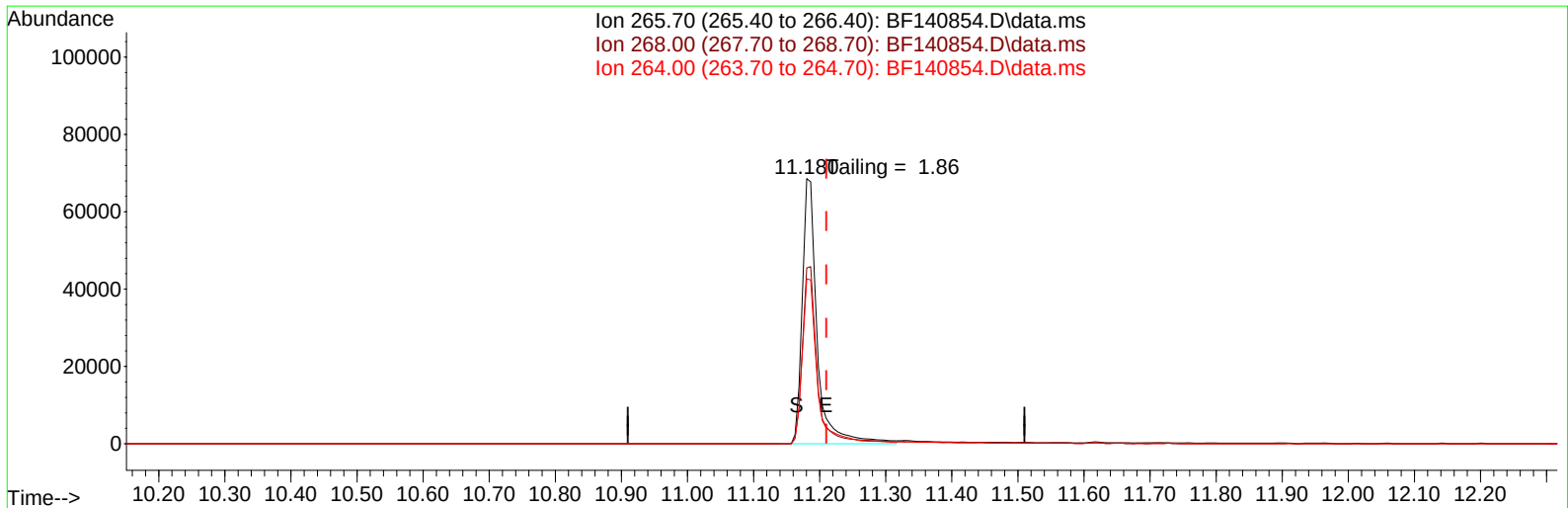
Date	Instrument Name	DFTPP Data File
12/16/2024	BNA_F	<u>BF140854.D</u>
Compound Name	Response	Retention Time
DDT	360303	13.527
DDD	6357	13.257
DDE	1383	12.892
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7740	368043	2.10

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140854.D
Acq On : 16 Dec 2024 11:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 16 12:02:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140854.D\data.ms

(70) Pentachlorophenol (C)

11.180min (-0.030) 3894.75 ng m

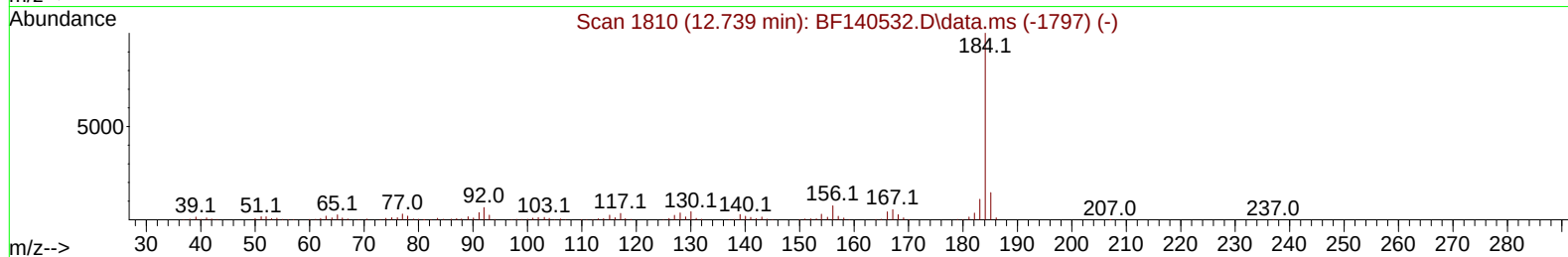
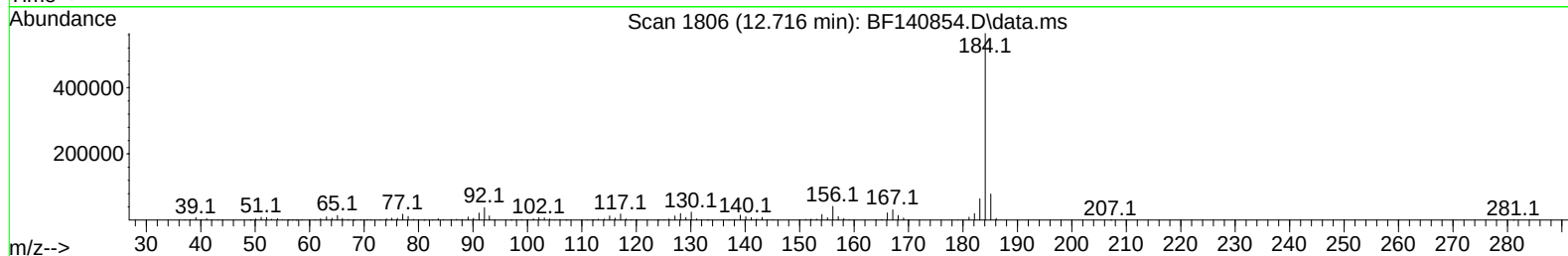
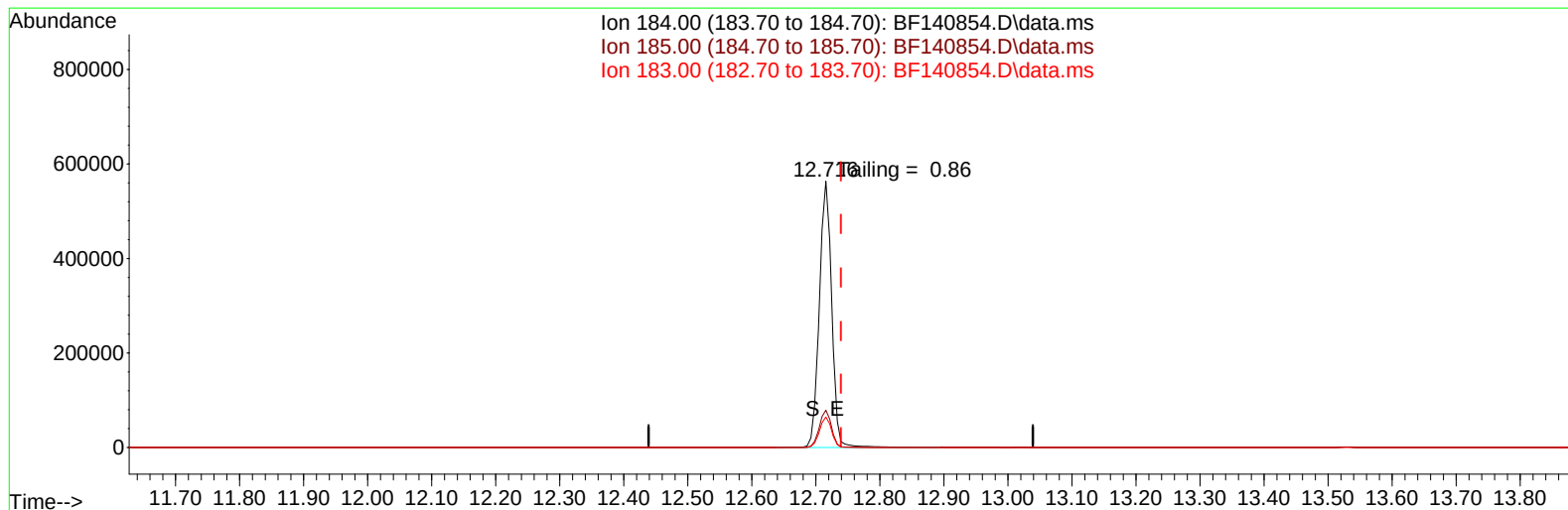
response 108541

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	66.31
264.00	62.30	62.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140854.D
Acq On : 16 Dec 2024 11:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 16 12:02:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



TIC: BF140854.D\data.ms

(77) Benzidine

12.716min (-0.023) 4792.75 ng

response 759160

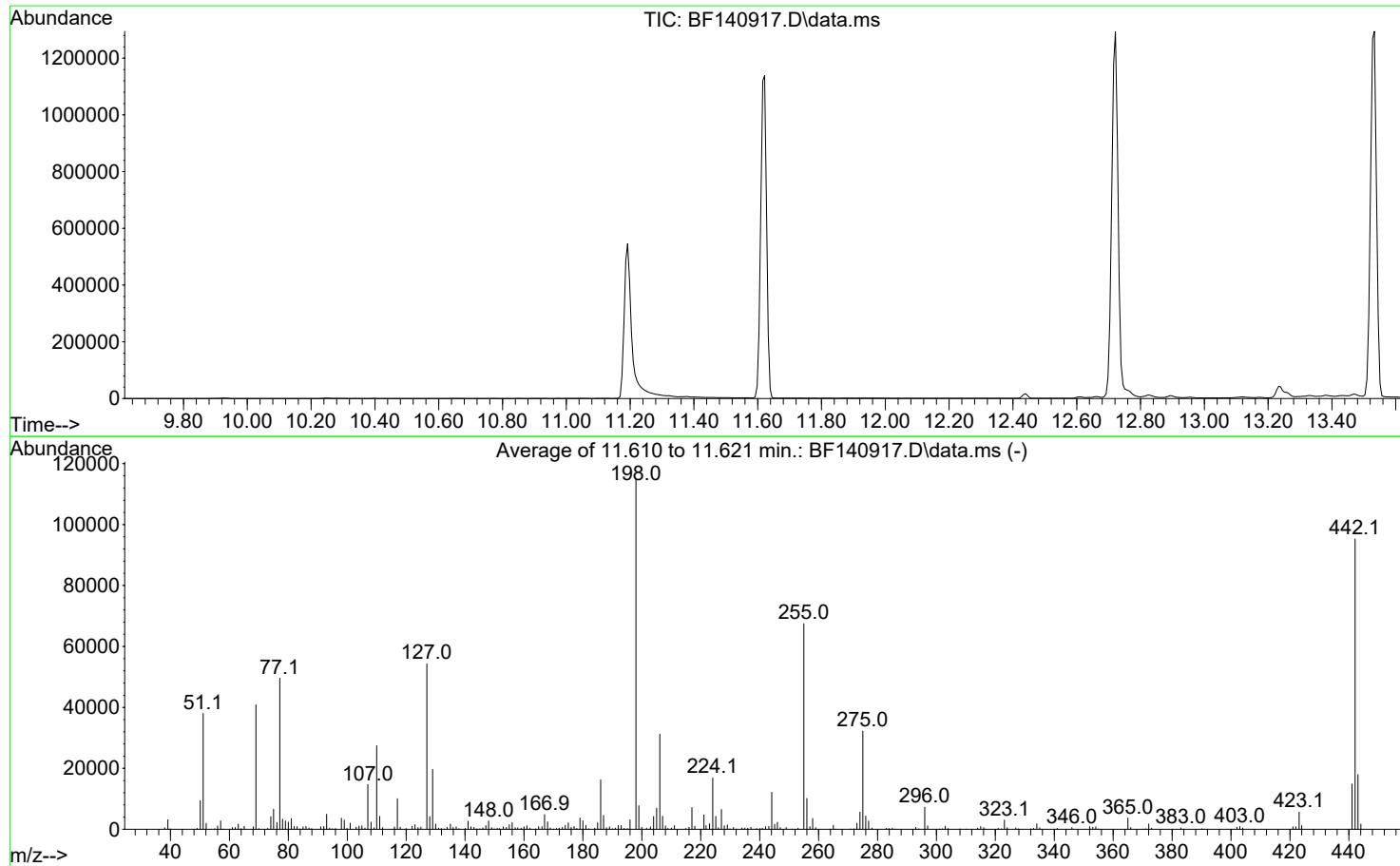
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.01
183.00	11.00	11.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140917.D
Acq On : 19 Dec 2024 10:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 16 16:59:50 2024



AutoFind: Scans 1618, 1619, 1620; Background Corrected with Scan 1612

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	33.1	37984	PASS
68	69	0.00	2	2.0	803	PASS
69	198	0.00	100	35.6	40840	PASS
70	69	0.00	2	0.5	215	PASS
127	198	10	80	47.3	54309	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	114771	PASS
199	198	5	9	6.8	7753	PASS
275	198	10	60	28.1	32213	PASS
365	198	1	100	3.2	3709	PASS
441	198	0.01	100	13.0	14889	PASS
442	442	50	100	100.0	95291	PASS
443	442	15	24	18.9	17985	PASS

DDT Breakdown

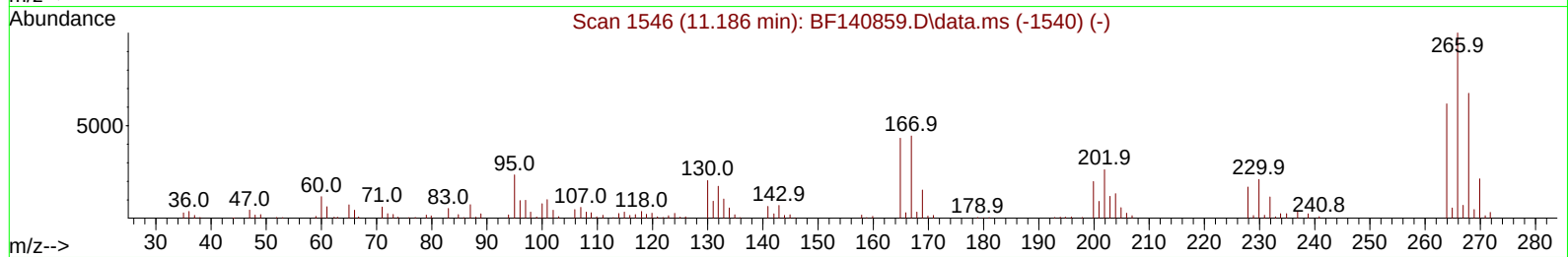
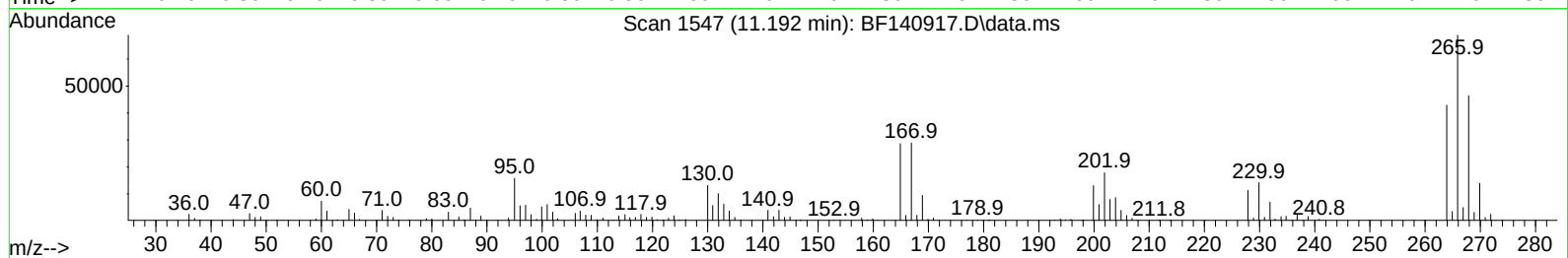
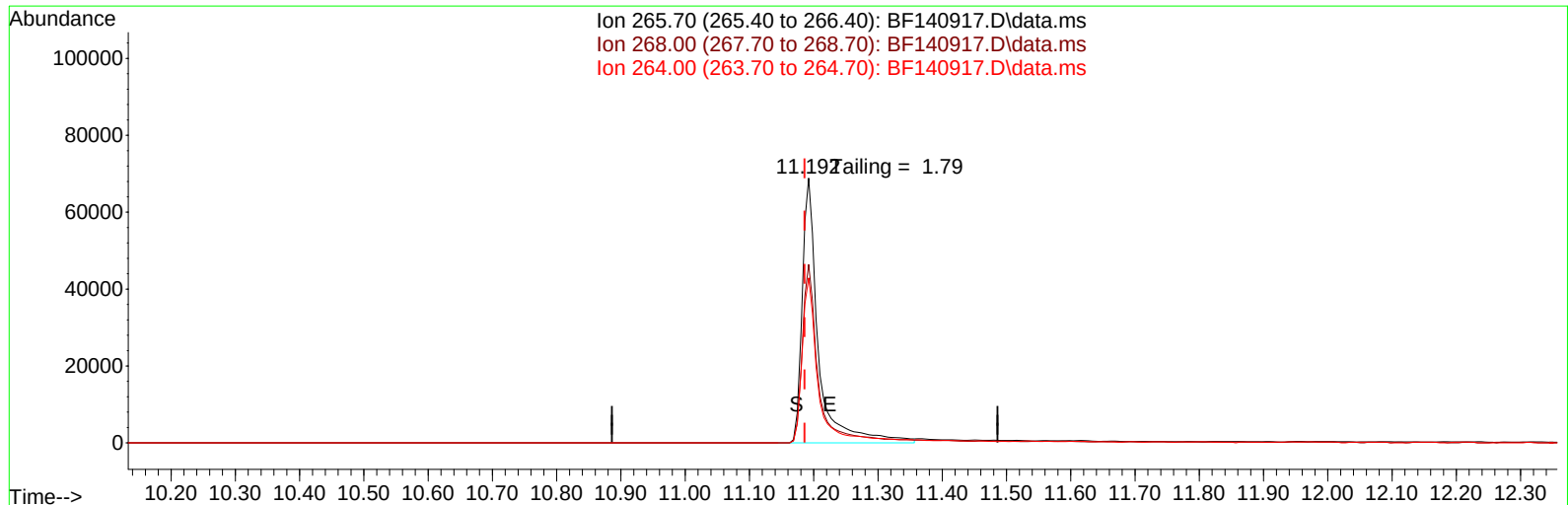
Date	Instrument Name	DFTPP Data File
12/19/2024	BNA_F	<u>BF1408917.D</u>
Compound Name	Response	Retention Time
DDT	347372	13.533
DDD	20697	13.239
DDE	3231	12.898
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23928	371300	6.44

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140917.D
Acq On : 19 Dec 2024 10:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 19 12:07:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



TIC: BF140917.D\data.ms

(70) Pentachlorophenol (C)

11.192min (+ 0.006) 16315.61 ng

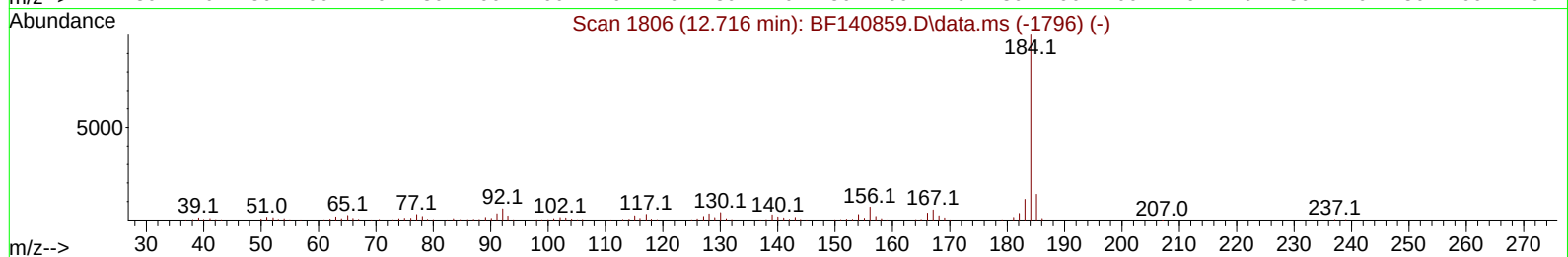
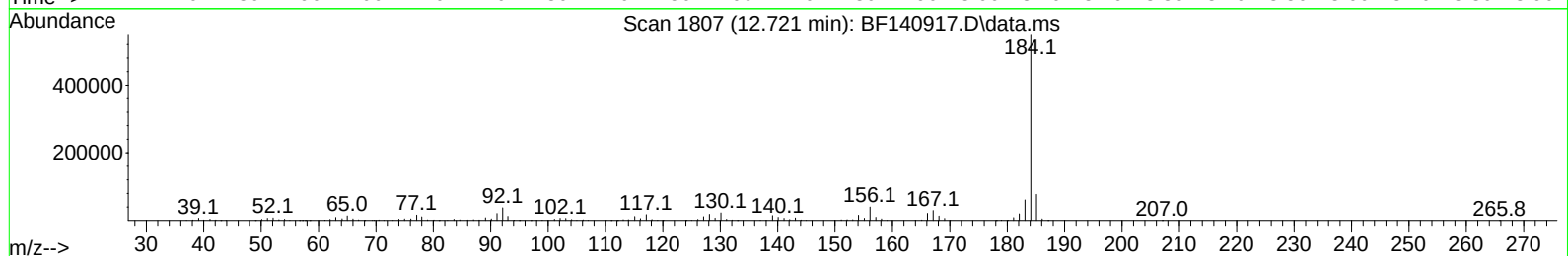
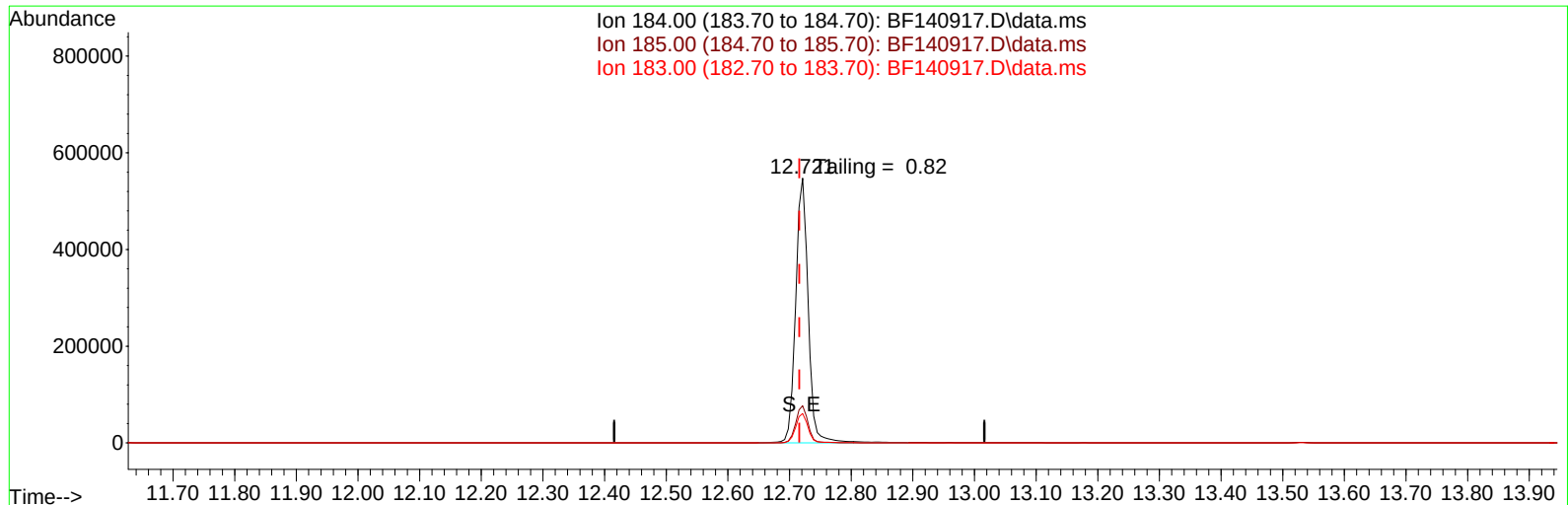
response 121966

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.50	67.35
264.00	61.80	62.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140917.D
Acq On : 19 Dec 2024 10:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 19 12:07:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



TIC: BF140917.D\data.ms

(77) Benzidine

12.721min (+ 0.005) 26320.69 ng

response 778933

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	14.04
183.00	11.20	11.10
0.00	0.00	0.00

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165719BL	SDG No.:	P5291
Lab Sample ID:	PB165719BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140919.D	1	12/18/24 10:00	12/19/24 12:04	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	157		10 - 139	105%	SPK: 150
13127-88-3	Phenol-d6	153		10 - 134	102%	SPK: 150
4165-60-0	Nitrobenzene-d5	107		49 - 133	107%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		52 - 132	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	103		48 - 125	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69600		6.846		
1146-65-2	Naphthalene-d8	253000		8.128		
15067-26-2	Acenaphthene-d10	150000		9.881		
1517-22-2	Phenanthrene-d10	308000		11.375		
1719-03-5	Chrysene-d12	208000		14.027		
1520-96-3	Perylene-d12	165000		15.527		

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165719BL	SDG No.:	P5291
Lab Sample ID:	PB165719BL	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140919.D	1	12/18/24 10:00	12/19/24 12:04	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF121924\
Data File : BF140919.D
Acq On : 19 Dec 2024 12:04
Operator : RC/JU
Sample : PB165719BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165719BL

Quant Time: Dec 19 12:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	69607	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	253415	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	149553	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	307565	20.000	ng	0.00
76) Chrysene-d12	14.027	240	207734	20.000	ng	0.00
86) Perylene-d12	15.527	264	165067	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	664265	157.097	ng	0.01
7) Phenol-d6	6.498	99	857119	153.042	ng	0.00
23) Nitrobenzene-d5	7.416	82	541024	106.813	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	260675	147.375	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1091858	100.375	ng	0.00
79) Terphenyl-d14	12.963	244	1352323	102.652	ng	0.00

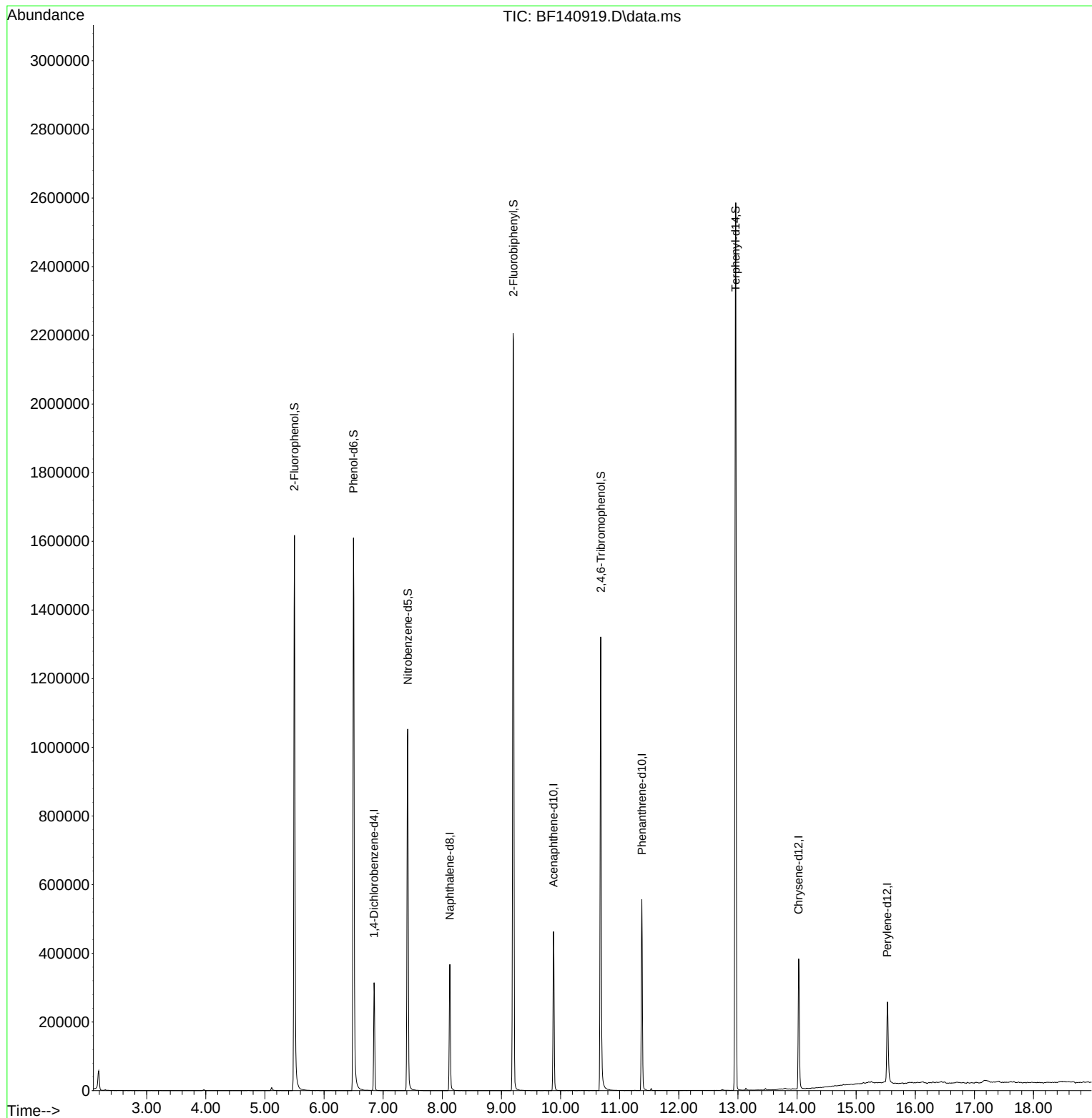
Target Compounds	Qvalue

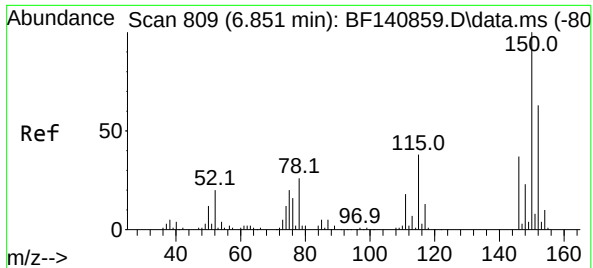
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
Data File : BF140919.D
Acq On : 19 Dec 2024 12:04
Operator : RC/JU
Sample : PB165719BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165719BL

Quant Time: Dec 19 12:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

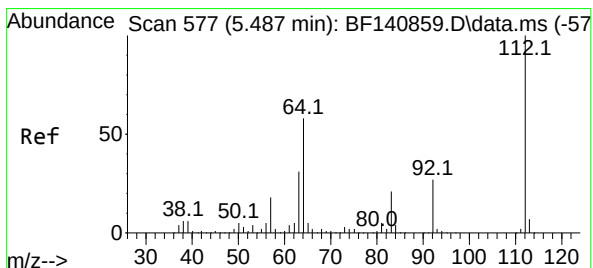
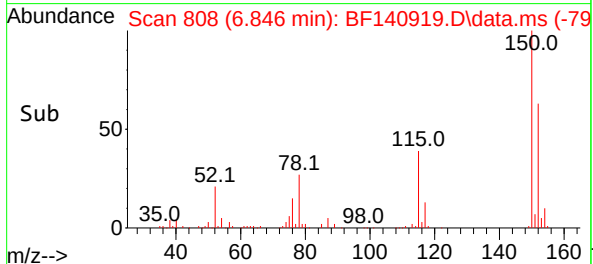
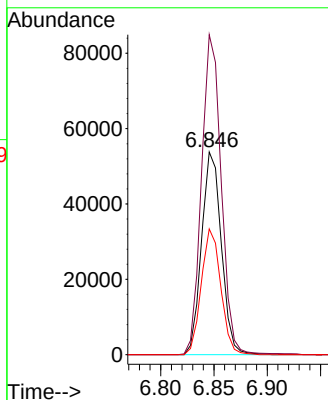
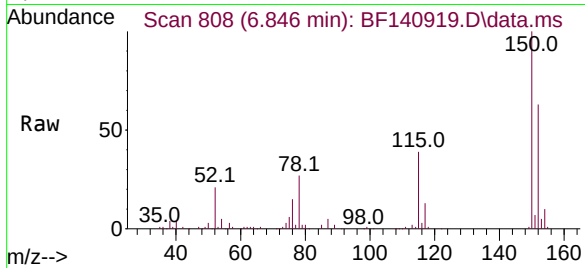




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

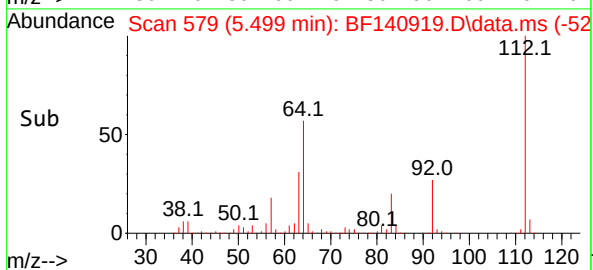
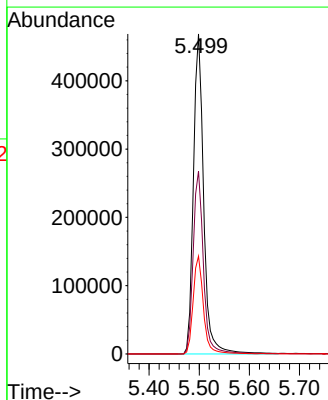
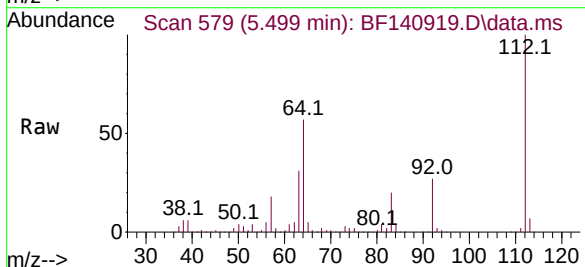
Instrument :
BNA_F
ClientSampleId :
PB165719BL

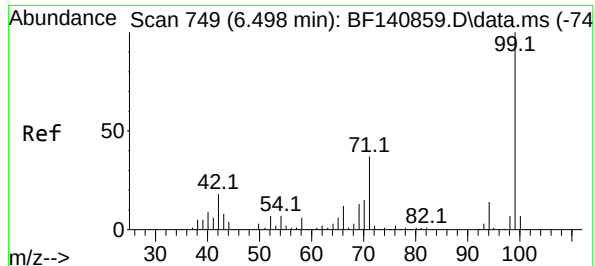
Tgt Ion:152 Resp: 69607
Ion Ratio Lower Upper
152 100
150 157.8 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 157.097 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion:112 Resp: 664265
Ion Ratio Lower Upper
112 100
64 57.1 46.1 69.1
63 30.6 24.9 37.3





#7

Phenol-d6

Concen: 153.042 ng

RT: 6.498 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

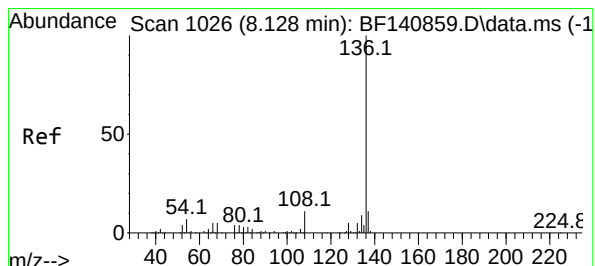
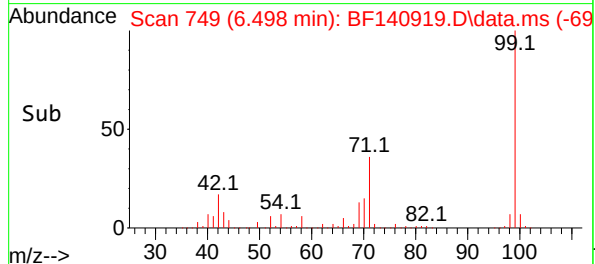
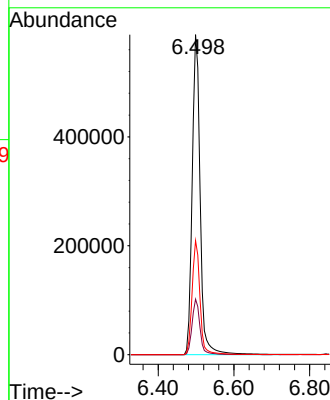
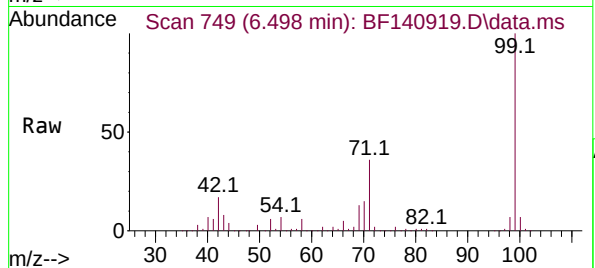
Tgt Ion: 99 Resp: 857119

Ion Ratio Lower Upper

99 100

42 17.3 14.3 21.5

71 35.6 29.9 44.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Tgt Ion: 136 Resp: 253415

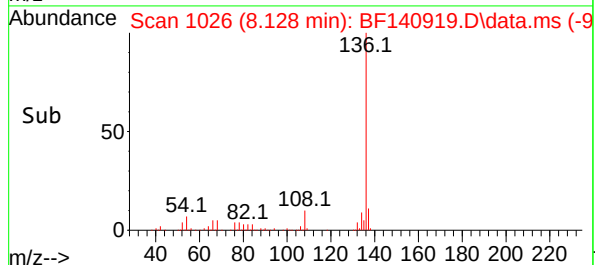
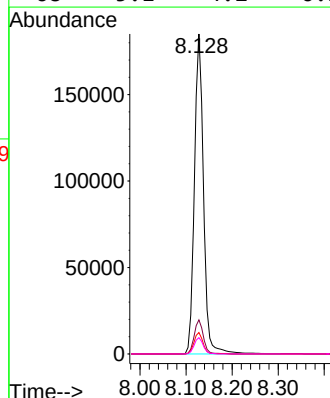
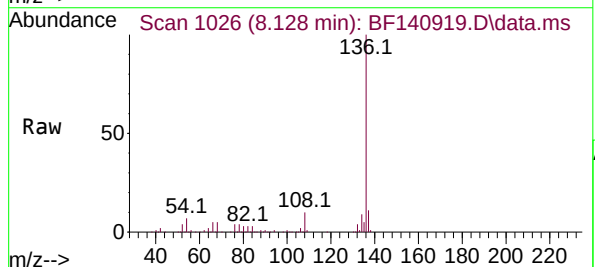
Ion Ratio Lower Upper

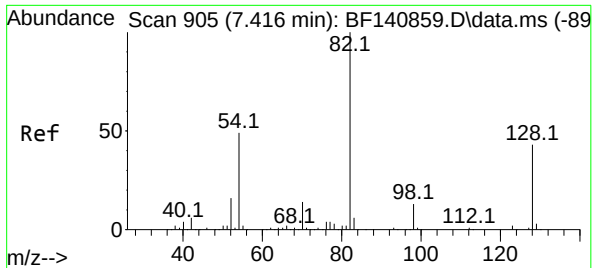
136 100

137 10.7 9.0 13.4

54 6.7 5.6 8.4

68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 106.813 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

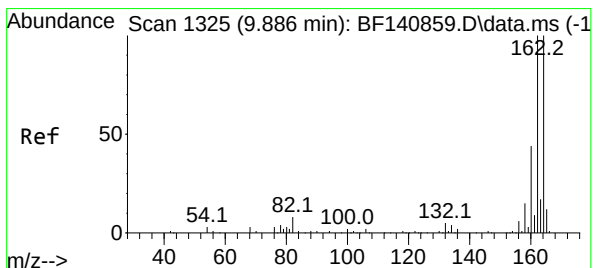
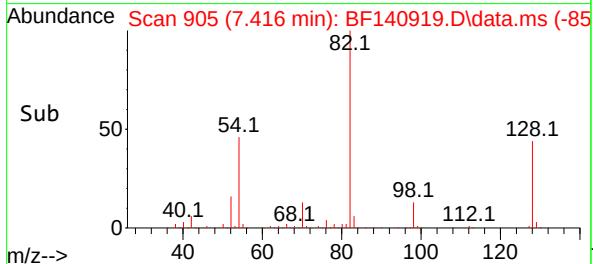
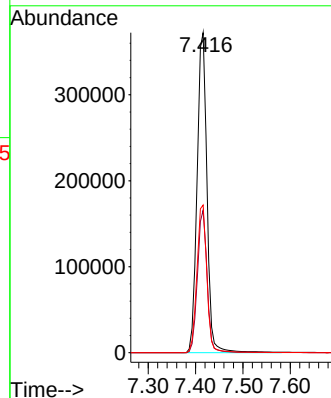
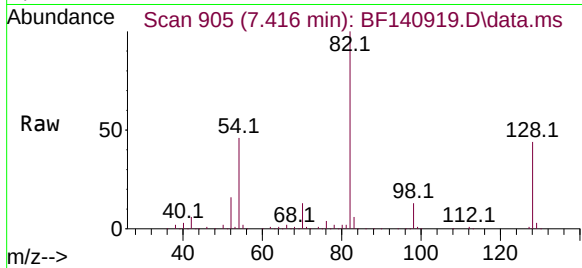
BNA_F

ClientSampleId :

PB165719BL

Tgt Ion: 82 Resp: 541024

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	46.2	38.8	58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

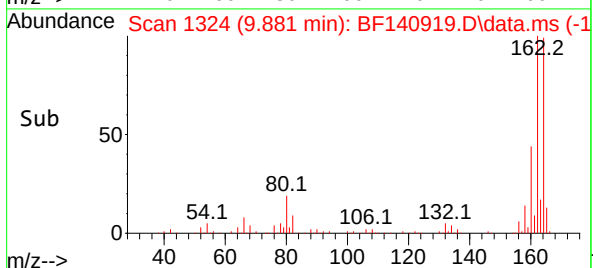
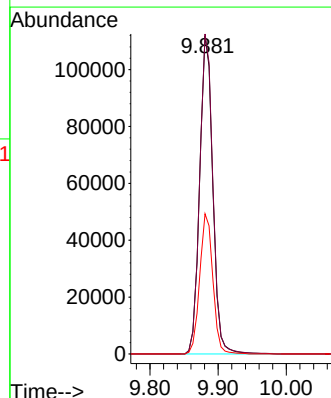
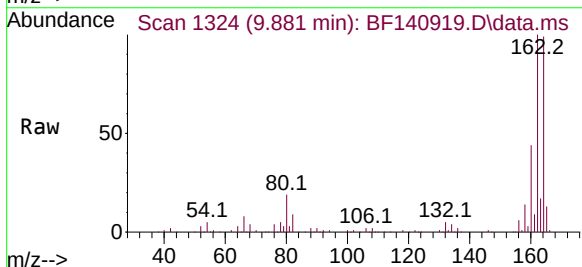
Delta R.T. -0.006 min

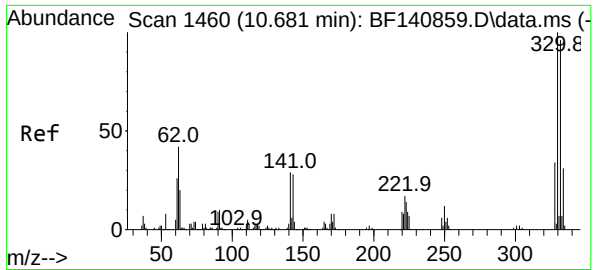
Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Tgt Ion: 164 Resp: 149553

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	44.0	35.2	52.8

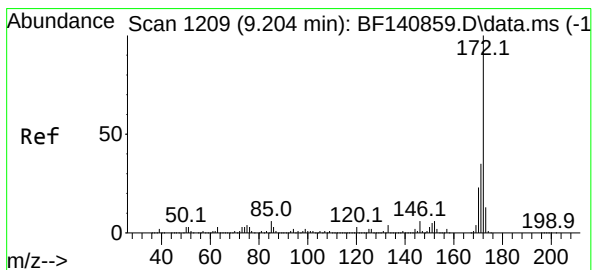
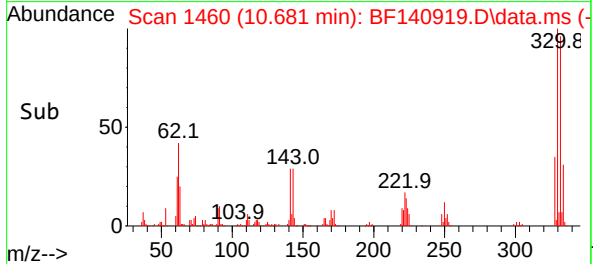
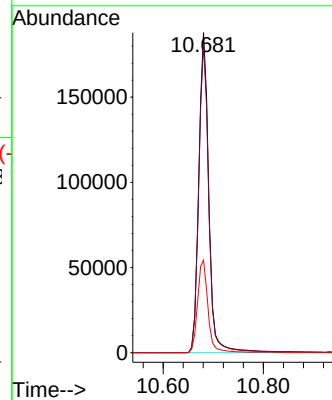
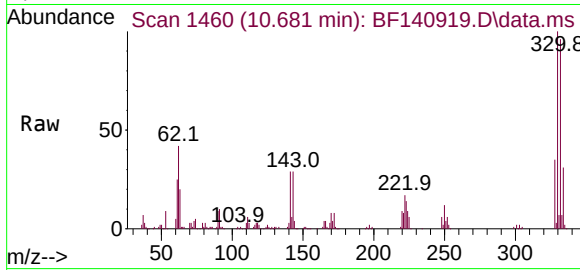




#42
2,4,6-Tribromophenol
Concen: 147.375 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

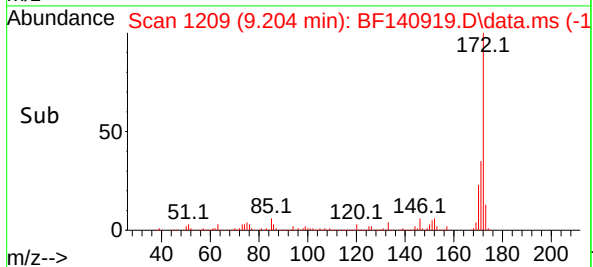
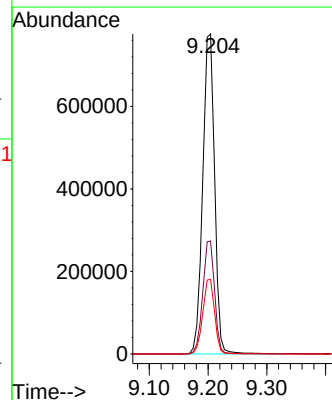
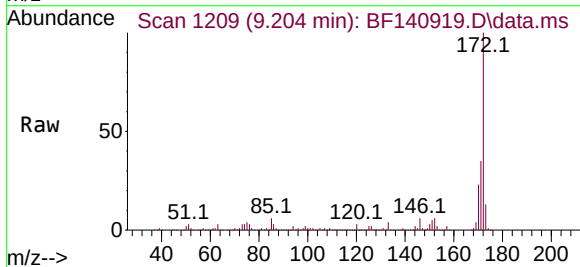
Instrument :
BNA_F
ClientSampleId :
PB165719BL

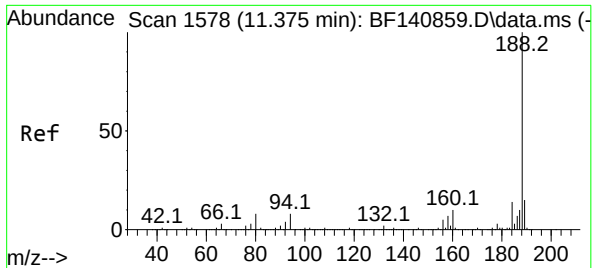
Tgt Ion:330 Resp: 260675
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 30.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 100.375 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion:172 Resp: 1091858
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

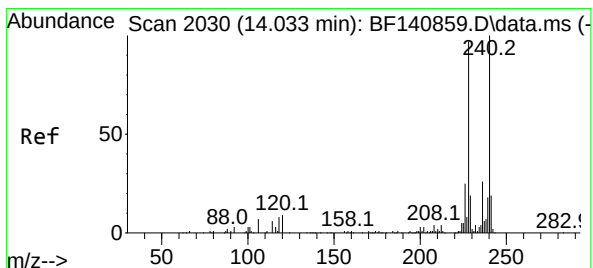
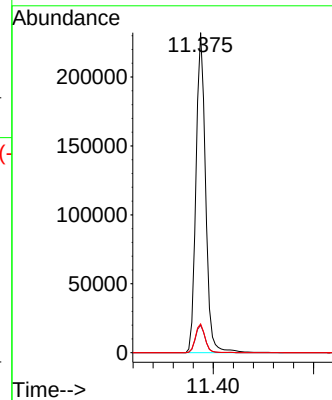
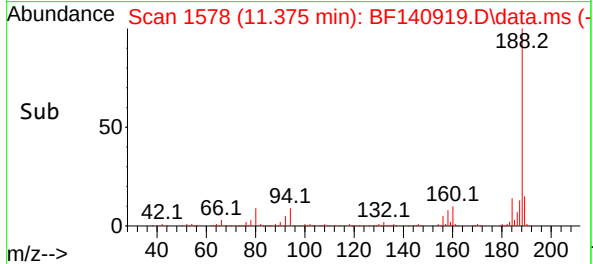
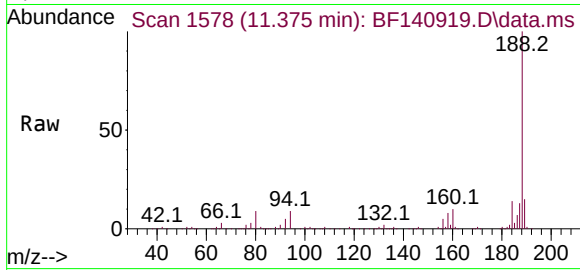
Tgt Ion:188 Resp: 307565

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.0 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

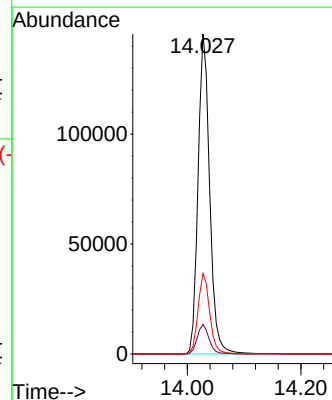
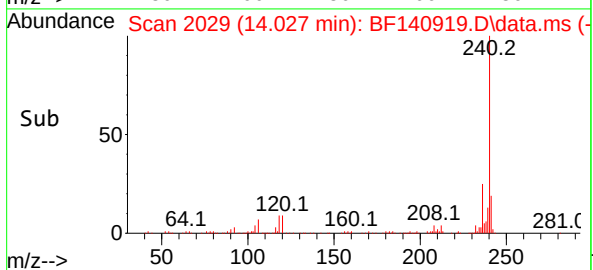
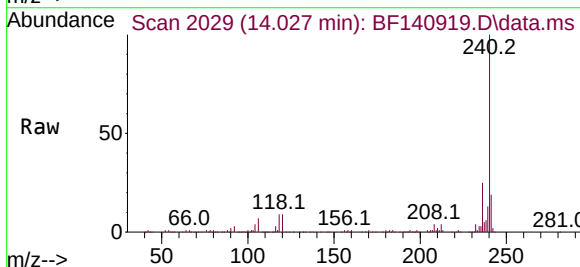
Tgt Ion:240 Resp: 207734

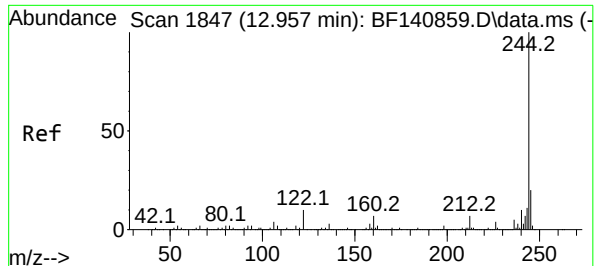
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 102.652 ng

RT: 12.963 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

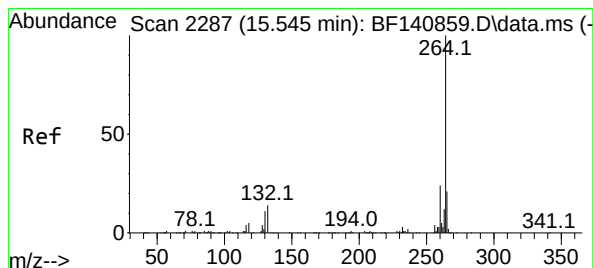
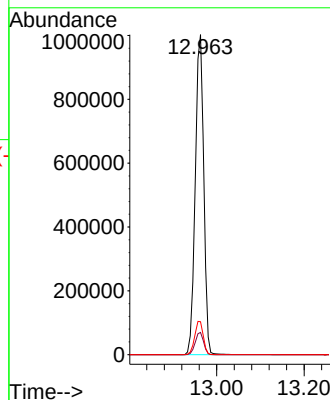
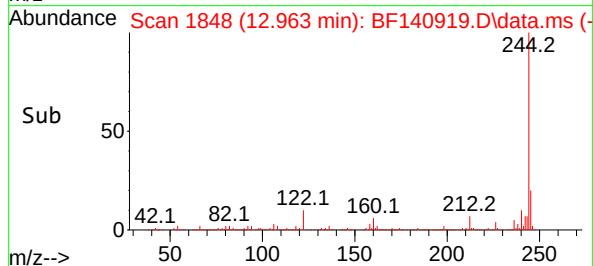
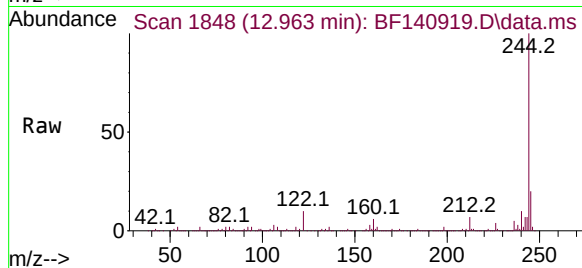
Tgt Ion:244 Resp: 1352323

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.018 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

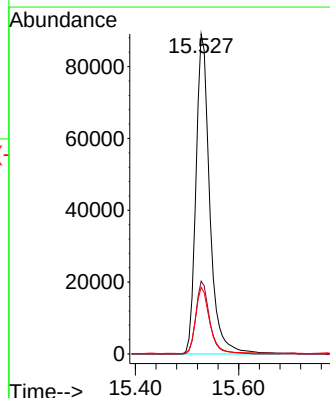
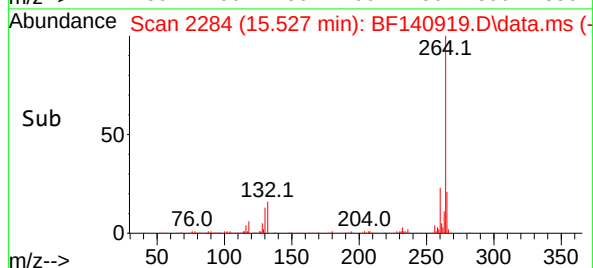
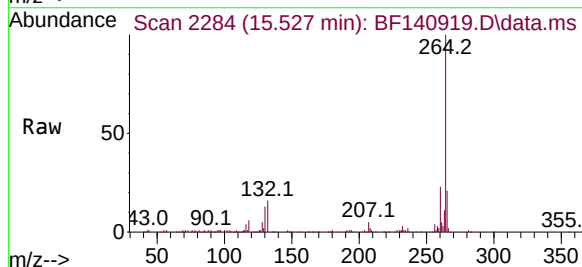
Tgt Ion:264 Resp: 165067

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 20.8 17.0 25.4



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165719BS	SDG No.:	P5291
Lab Sample ID:	PB165719BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140920.D	1	12/18/24 10:00	12/19/24 12:30	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	45.2		1.60	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	49.2		0.84	5.00	ug/L
95-48-7	2-Methylphenol	45.7		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	47.0		1.20	10.0	ug/L
67-72-1	Hexachloroethane	43.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	46.0		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.1		1.30	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	50.4		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	48.5		1.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	49.4		1.50	5.00	ug/L
118-74-1	Hexachlorobenzene	53.6		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	95.1	E	1.90	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	144		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	141		10 - 134	94%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.4		49 - 133	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.5		52 - 132	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		44 - 137	99%	SPK: 150
1718-51-0	Terphenyl-d14	102		48 - 125	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	74300		6.845		
1146-65-2	Naphthalene-d8	267000		8.128		
15067-26-2	Acenaphthene-d10	145000		9.886		
1517-22-2	Phenanthrene-d10	277000		11.38		
1719-03-5	Chrysene-d12	202000		14.039		
1520-96-3	Perylene-d12	153000		15.539		

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165719BS	SDG No.:	P5291
Lab Sample ID:	PB165719BS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140920.D	1	12/18/24 10:00	12/19/24 12:30	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF121924\
 Data File : BF140920.D
 Acq On : 19 Dec 2024 12:30
 Operator : RC/JU
 Sample : PB165719BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165719BS

Quant Time: Dec 19 13:03:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	74320	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	267213	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	145295	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	276523	20.000	ng	0.00
76) Chrysene-d12	14.039	240	202160	20.000	ng	0.00
86) Perylene-d12	15.539	264	153304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	648305	143.599	ng	0.01
7) Phenol-d6	6.504	99	845559	141.404	ng	0.00
23) Nitrobenzene-d5	7.416	82	509768	95.445	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	256222	149.103	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1051380	99.487	ng	0.00
79) Terphenyl-d14	12.963	244	1309363	102.132	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	73185	37.634	ng	99
3) Pyridine	3.493	79	203648	45.220	ng	99
4) n-Nitrosodimethylamine	3.434	42	107580	47.386	ng	95
6) Aniline	6.516	93	218406	42.718	ng	# 81
8) 2-Chlorophenol	6.645	128	264245	53.673	ng	100
9) Benzaldehyde	6.410	77	54571	16.470	ng	99
10) Phenol	6.516	94	310233	50.057	ng	99
11) bis(2-Chloroethyl)ether	6.586	93	242067	52.374	ng	99
12) 1,3-Dichlorobenzene	6.786	146	274743	48.974	ng	97
13) 1,4-Dichlorobenzene	6.863	146	280340	49.230	ng	99
14) 1,2-Dichlorobenzene	7.016	146	267740	49.832	ng	98
15) Benzyl Alcohol	7.004	79	231816	54.219	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	260221	47.793	ng	90
17) 2-Methylphenol	7.122	107	179621	45.698	ng	99
18) Hexachloroethane	7.351	117	92007	43.401	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	166424	46.397	ng	98
20) 3+4-Methylphenols	7.275	107	245179	47.040	ng	# 80
22) Acetophenone	7.263	105	325833	48.745	ng	96
24) Nitrobenzene	7.433	77	251790	46.018	ng	98
25) Isophorone	7.675	82	463942	51.843	ng	100
26) 2-Nitrophenol	7.751	139	131542	52.198	ng	97
27) 2,4-Dimethylphenol	7.792	122	183392	62.314	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	284667	50.930	ng	98
29) 2,4-Dichlorophenol	8.004	162	209399	51.536	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	217332	46.660	ng	99
31) Naphthalene	8.151	128	722311	49.209	ng	100
32) Benzoic acid	7.945	122	108900	39.016	ng	99
33) 4-Chloroaniline	8.210	127	172922	35.471	ng	98
34) Hexachlorobutadiene	8.263	225	147527	47.076	ng	99
35) Caprolactam	8.592	113	64427m	53.262	ng	
36) 4-Chloro-3-methylphenol	8.704	107	226144	49.451	ng	98
37) 2-Methylnaphthalene	8.845	142	467664	48.165	ng	100
38) 1-Methylnaphthalene	8.939	142	435954	45.399	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	232102	51.973	ng	99
41) Hexachlorocyclopentadiene	8.992	237	80002	60.237	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	137903	50.430	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140920.D
 Acq On : 19 Dec 2024 12:30
 Operator : RC/JU
 Sample : PB165719BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165719BS

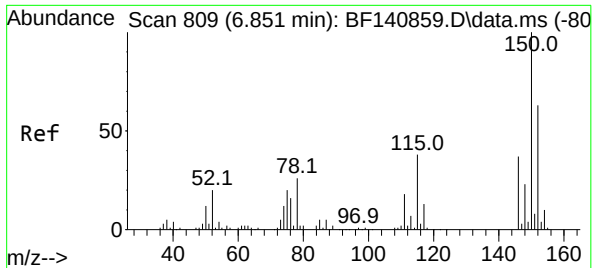
Quant Time: Dec 19 13:03:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	145754	48.494	ng	98
46) 1,1'-Biphenyl	9.304	154	592260	51.262	ng	100
47) 2-Chloronaphthalene	9.333	162	443486	50.175	ng	99
48) 2-Nitroaniline	9.439	65	138326	51.819	ng	94
49) Acenaphthylene	9.751	152	712379	54.845	ng	100
50) Dimethylphthalate	9.610	163	534630	52.191	ng	100
51) 2,6-Dinitrotoluene	9.680	165	117709	50.265	ng	96
52) Acenaphthene	9.922	154	423950	51.096	ng	99
53) 3-Nitroaniline	9.857	138	77915	33.527	ng	99
54) 2,4-Dinitrophenol	9.974	184	100437	87.255	ng	98
55) Dibenzofuran	10.092	168	646628	50.294	ng	100
56) 4-Nitrophenol	10.045	139	105588	84.218	ng	98
57) 2,4-Dinitrotoluene	10.092	165	152314	49.434	ng	99
58) Fluorene	10.439	166	535651	50.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	126820	51.782	ng	96
60) Diethylphthalate	10.310	149	541421	50.970	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	268448	50.384	ng	98
62) 4-Nitroaniline	10.474	138	119896m	49.370	ng	
63) Azobenzene	10.586	77	500037	50.073	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	82289	52.516	ng	98
66) n-Nitrosodiphenylamine	10.551	169	469665	55.243	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	163446	52.835	ng	97
68) Hexachlorobenzene	10.992	284	187878	53.566	ng	97
69) Atrazine	11.074	200	156884	66.071	ng	98
70) Pentachlorophenol	11.198	266	121901	95.062	ng	100
71) Phenanthrene	11.404	178	775119	54.509	ng	100
72) Anthracene	11.457	178	781166	55.782	ng	99
73) Carbazole	11.616	167	723083	52.716	ng	100
74) Di-n-butylphthalate	11.927	149	888683	55.205	ng	100
75) Fluoranthene	12.598	202	878064	53.617	ng	100
77) Benzidine	12.715	184	193115	46.804	ng	99
78) Pyrene	12.827	202	884761	49.216	ng	100
80) Butylbenzylphthalate	13.433	149	362433	54.792	ng	97
81) Benzo(a)anthracene	14.027	228	723148	50.472	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	136085	31.481	ng	97
83) Chrysene	14.062	228	639647	49.095	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	460166	53.952	ng	100
85) Di-n-octyl phthalate	14.627	149	609980	47.271	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	544345	56.900	ng	100
88) Benzo(b)fluoranthene	15.109	252	522468	49.097	ng	99
89) Benzo(k)fluoranthene	15.139	252	464512	50.887	ng	100
90) Benzo(a)pyrene	15.480	252	457218	54.870	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	446441	56.329	ng	99
92) Benzo(g,h,i)perylene	17.515	276	420924	52.182	ng	99

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

Instrument :
BNA_F
ClientSampleId :
PB165719BS

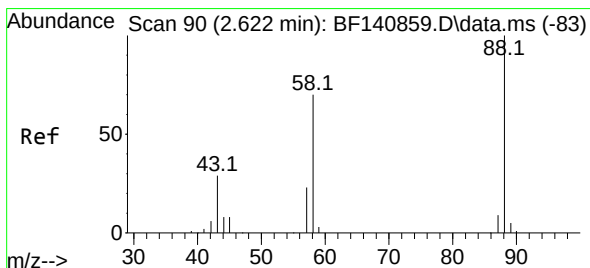
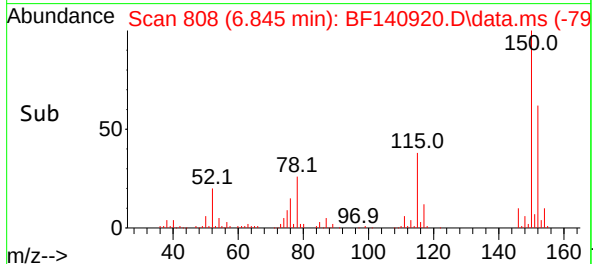
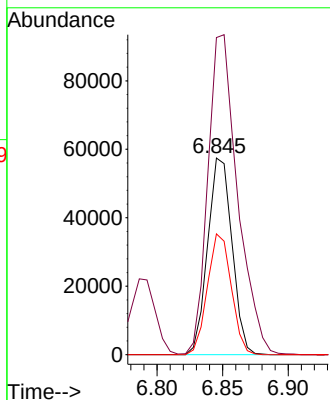
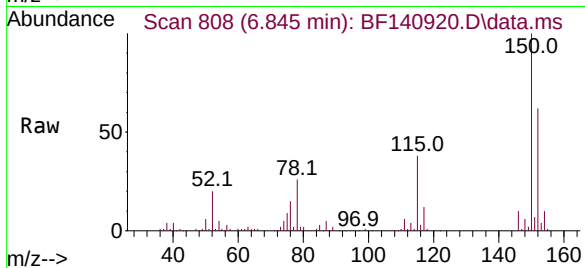
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

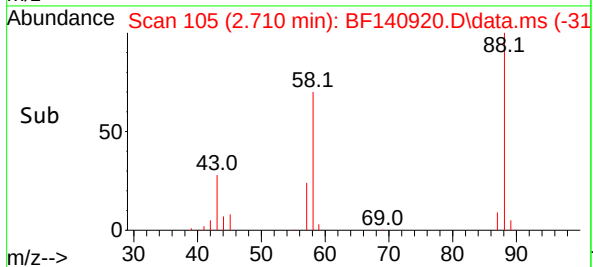
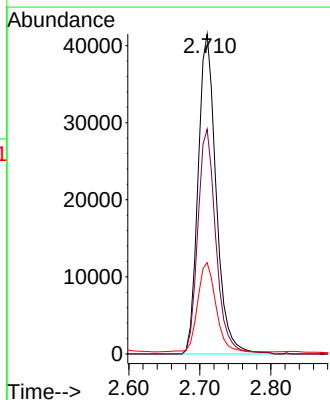
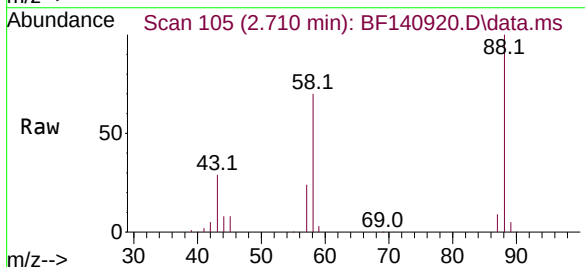
Instrument :
BNA_F
ClientSampleId :
PB165719BS

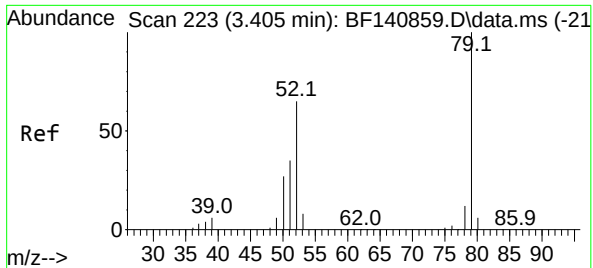
Tgt Ion:152 Resp: 74320
Ion Ratio Lower Upper
152 100
150 161.3 127.9 191.9
115 61.5 48.0 72.0



#2
1,4-Dioxane
Concen: 37.634 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.088 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 88 Resp: 73185
Ion Ratio Lower Upper
88 100
58 70.8 55.8 83.8
43 28.0 22.7 34.1

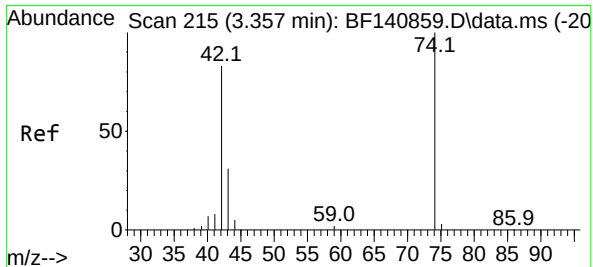
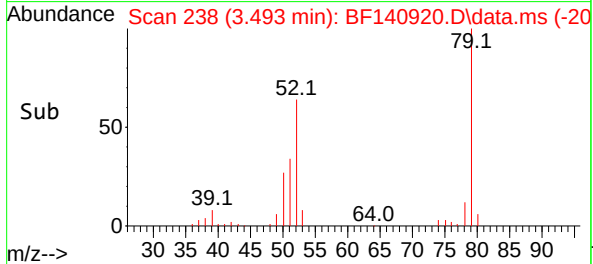
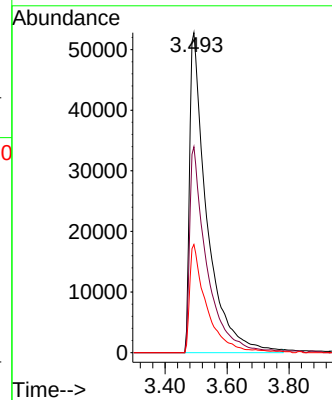
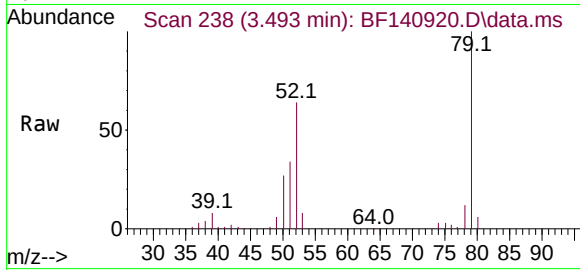




#3
Pyridine
Concen: 45.220 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

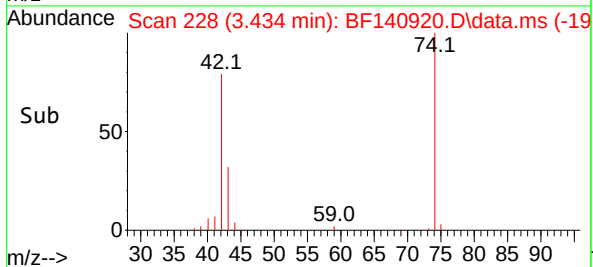
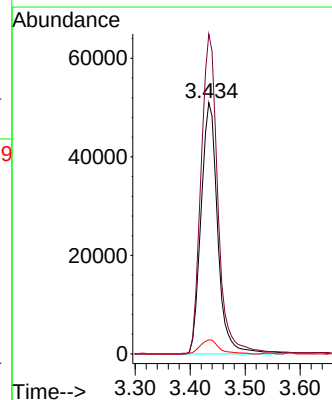
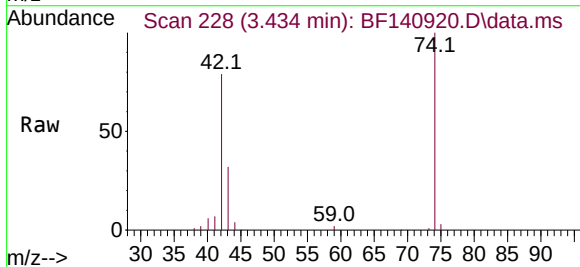
Instrument :
BNA_F
ClientSampleId :
PB165719BS

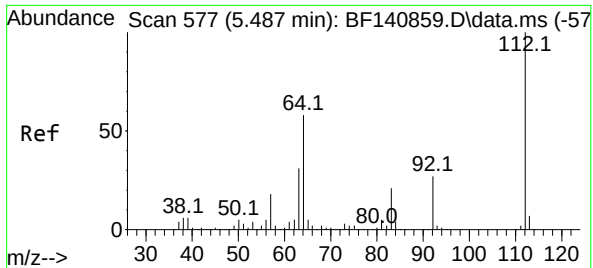
Tgt Ion: 79 Resp: 203648
Ion Ratio Lower Upper
79 100
52 64.3 51.7 77.5
51 33.8 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 47.386 ng
RT: 3.434 min Scan# 228
Delta R.T. 0.076 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 42 Resp: 107580
Ion Ratio Lower Upper
42 100
74 127.3 96.9 145.3
44 5.6 4.4 6.6

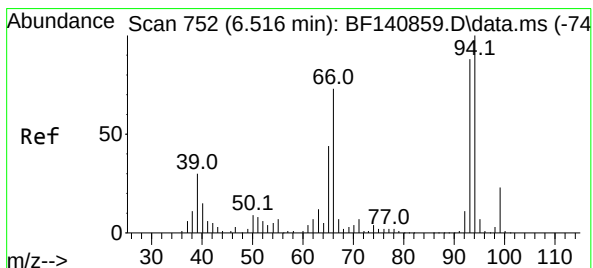
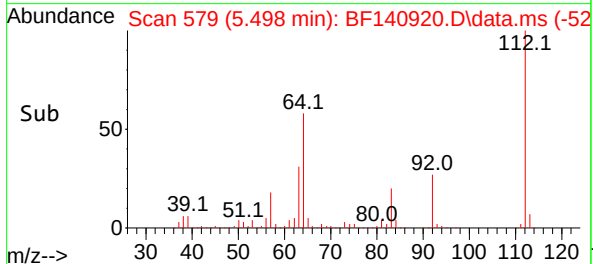
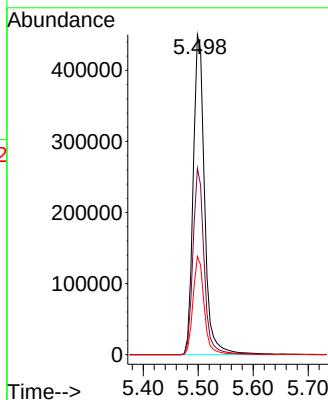
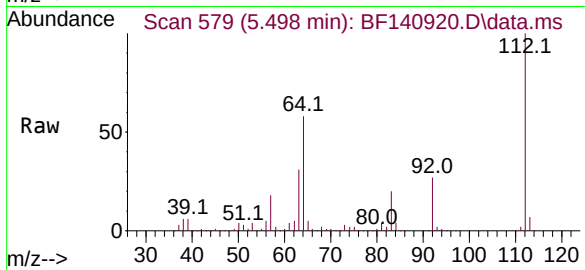




#5
2-Fluorophenol
Concen: 143.599 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

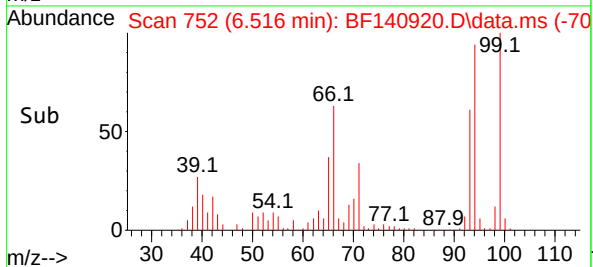
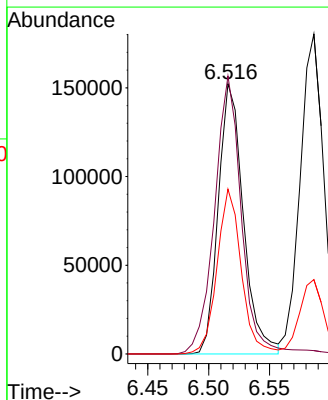
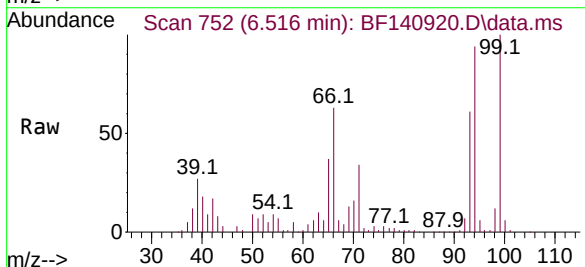
Instrument :
BNA_F
ClientSampleId :
PB165719BS

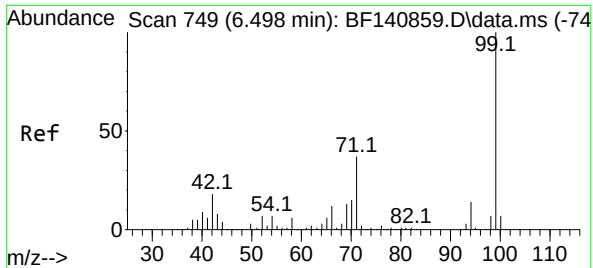
Tgt Ion:112 Resp: 648305
Ion Ratio Lower Upper
112 100
64 58.3 46.1 69.1
63 30.7 24.9 37.3



#6
Aniline
Concen: 42.718 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 93 Resp: 218406
Ion Ratio Lower Upper
93 100
66 102.9 67.0 100.4#
65 61.0 40.4 60.6#





#7

Phenol-d6

Concen: 141.404 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

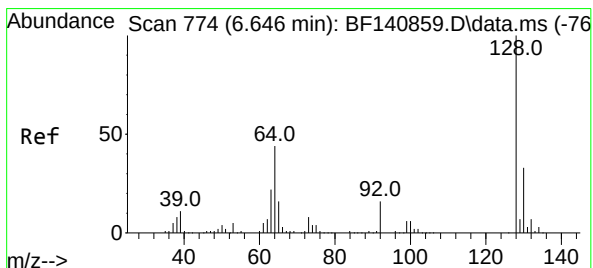
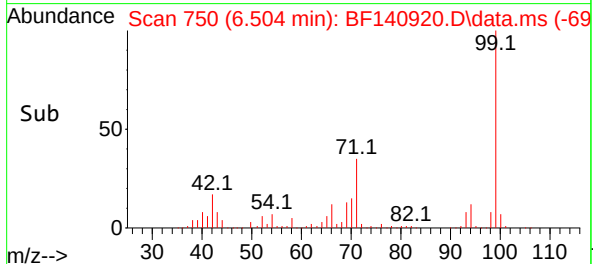
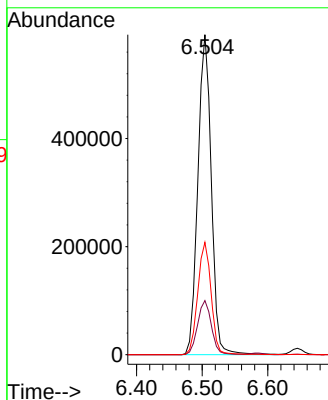
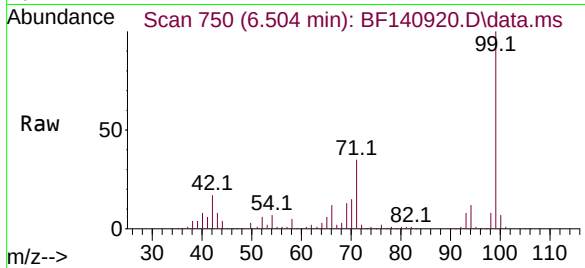
Tgt Ion: 99 Resp: 845559

Ion Ratio Lower Upper

99 100

42 16.9 14.3 21.5

71 35.1 29.9 44.9



#8

2-Chlorophenol

Concen: 53.673 ng

RT: 6.645 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

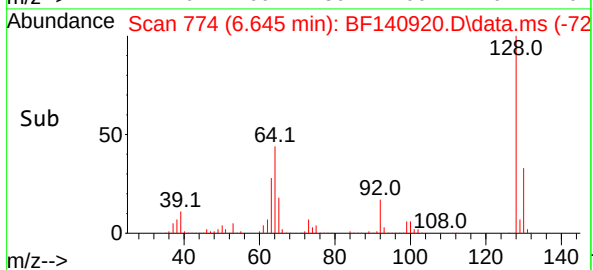
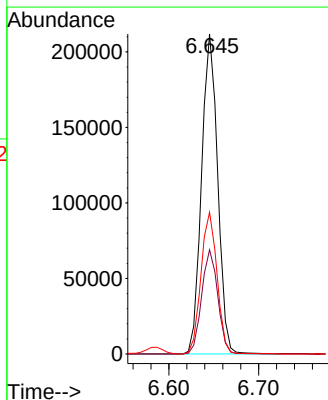
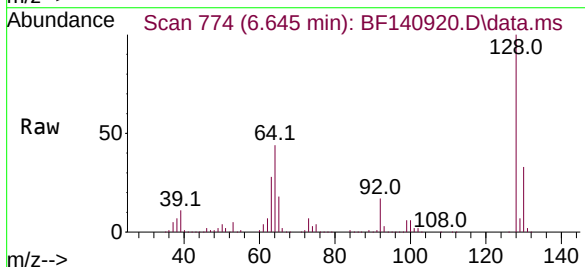
Tgt Ion: 128 Resp: 264245

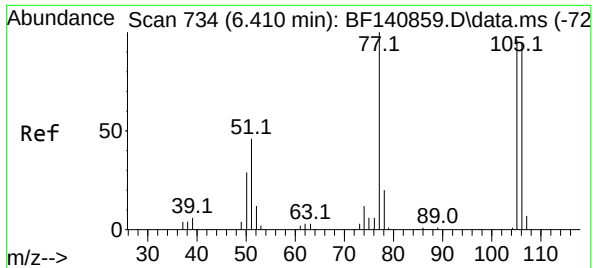
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 16.470 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

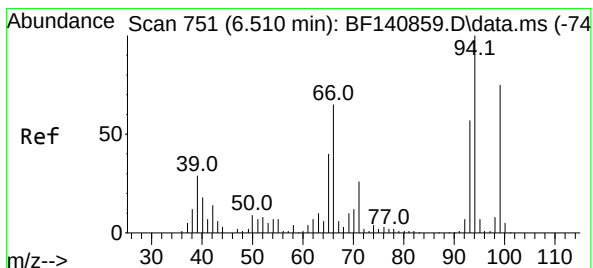
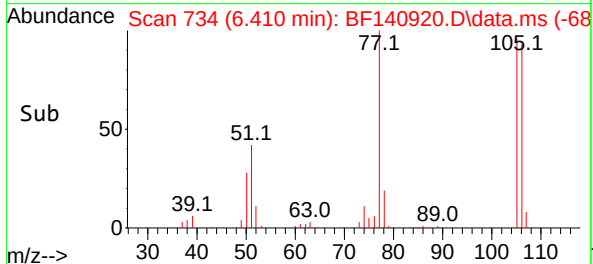
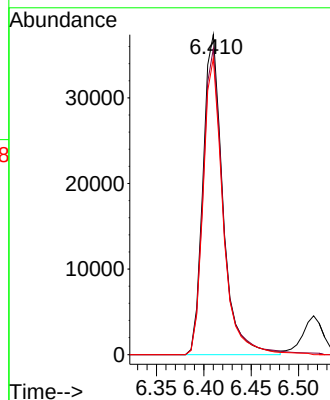
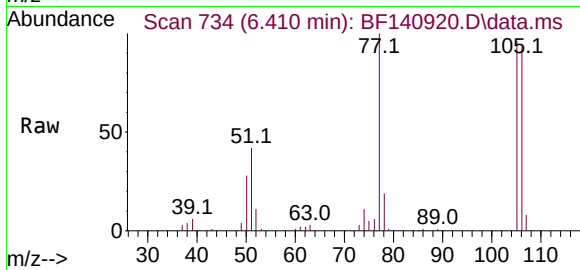
Tgt Ion: 77 Resp: 54571

Ion Ratio Lower Upper

77 100

105 95.6 75.8 115.8

106 92.6 74.1 114.1



#10

Phenol

Concen: 50.057 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

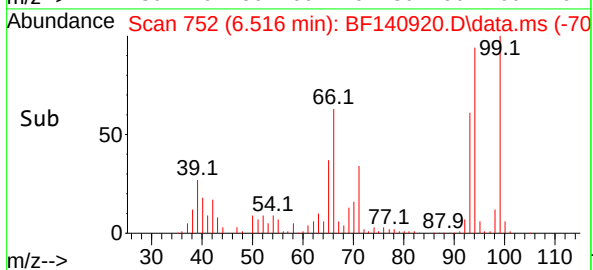
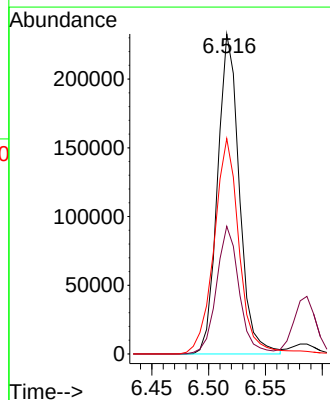
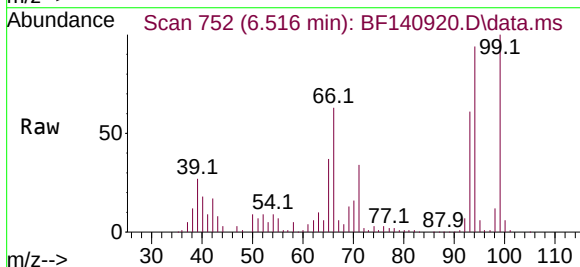
Tgt Ion: 94 Resp: 310233

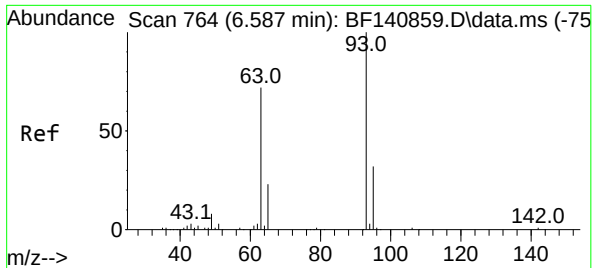
Ion Ratio Lower Upper

94 100

65 39.9 19.9 59.9

66 67.3 45.6 85.6

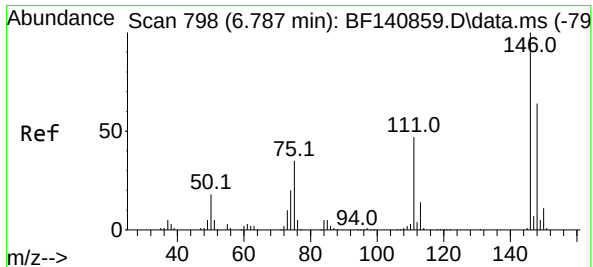
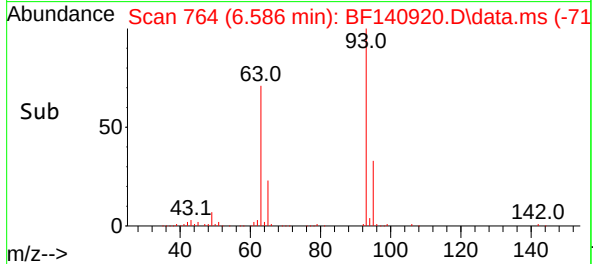
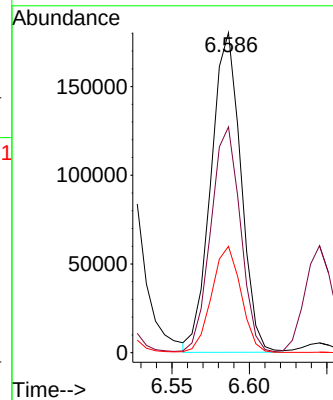
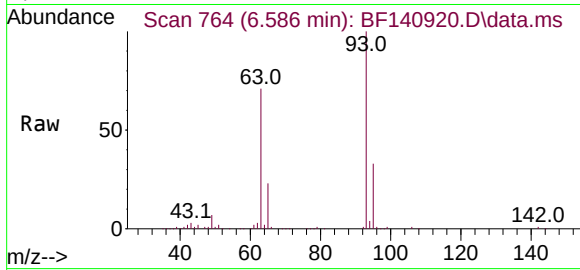




#11
bis(2-Chloroethyl)ether
Concen: 52.374 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

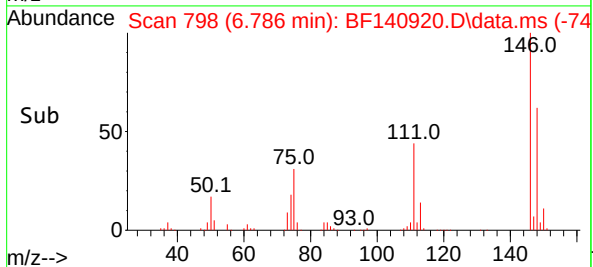
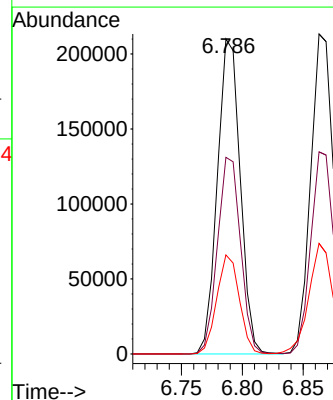
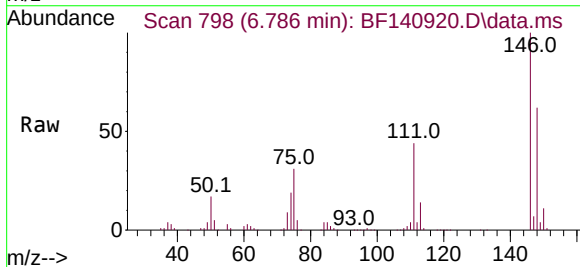
Instrument :
BNA_F
ClientSampleId :
PB165719BS

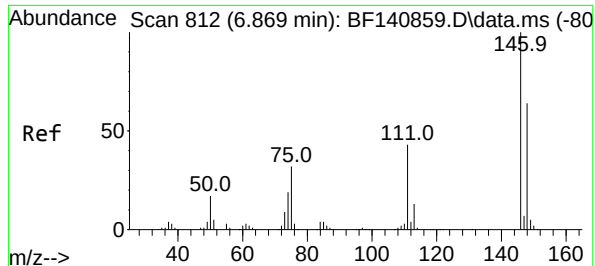
Tgt	Ion: 93	Resp: 242067	
Ion	Ratio	Lower	Upper
93	100		
63	70.6	51.0	91.0
95	33.2	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 48.974 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt	Ion:146	Resp:	274743
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.0	76.6
75	31.4	28.1	42.1





#13

1,4-Dichlorobenzene

Concen: 49.230 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

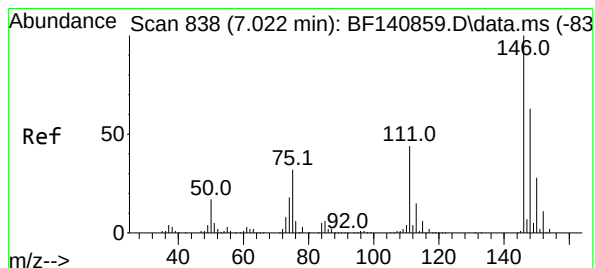
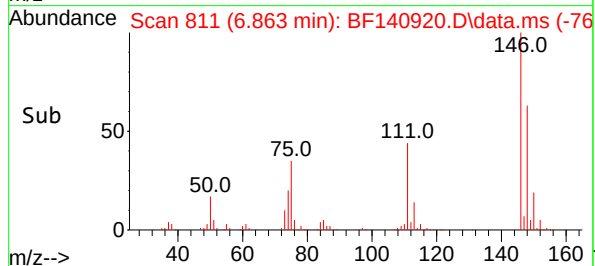
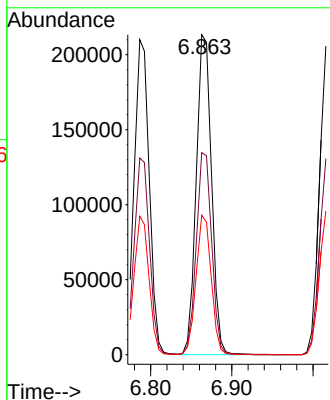
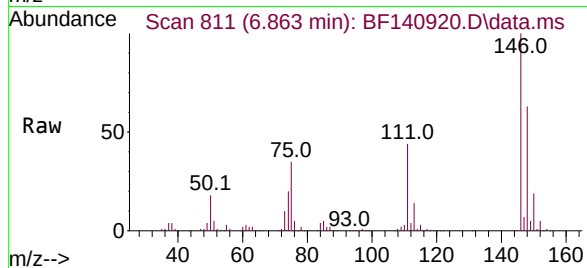
Tgt Ion:146 Resp: 280340

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 43.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 49.832 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

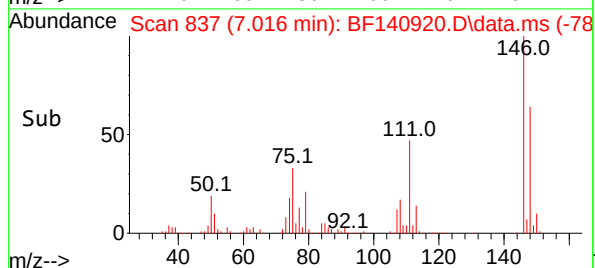
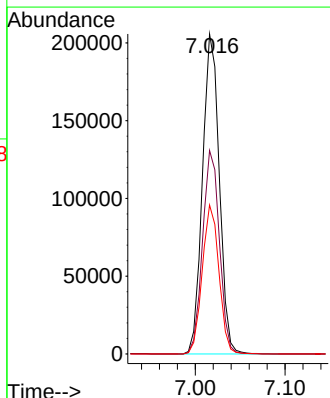
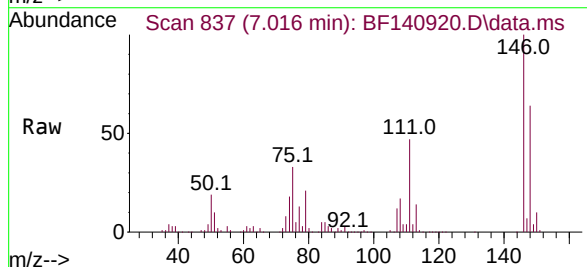
Tgt Ion:146 Resp: 267740

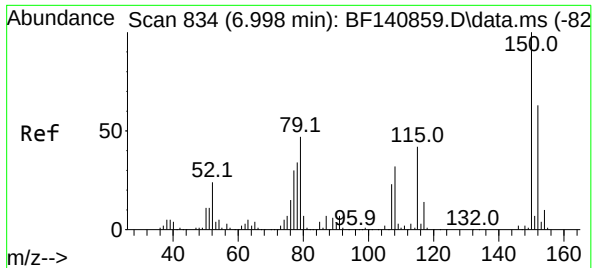
Ion Ratio Lower Upper

146 100

148 63.6 50.0 75.0

111 46.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 54.219 ng

RT: 7.004 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

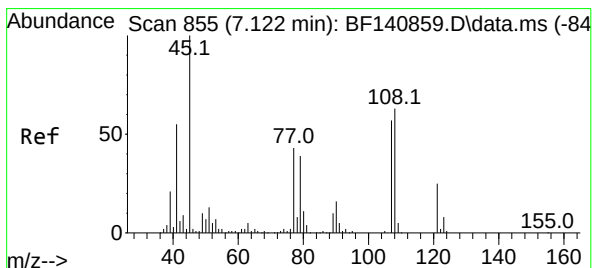
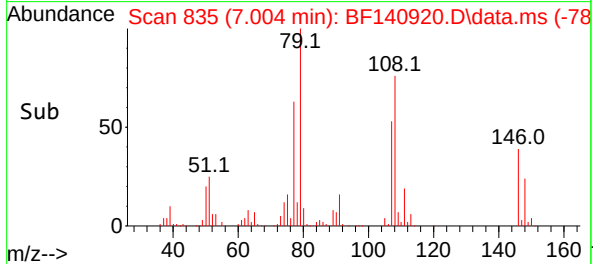
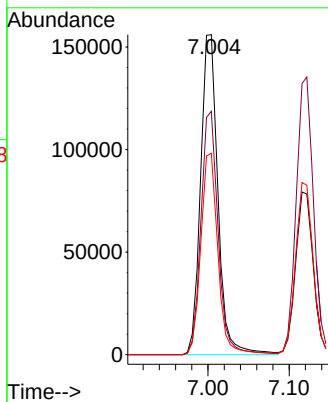
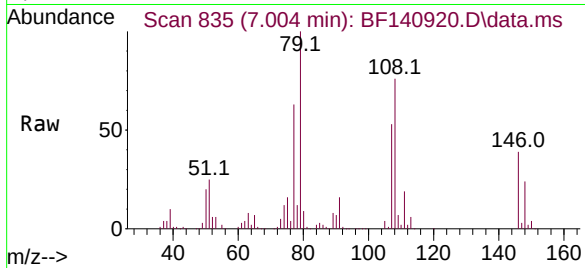
Tgt Ion: 79 Resp: 231816

Ion Ratio Lower Upper

79 100

108 76.1 55.1 82.7

77 62.9 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.793 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

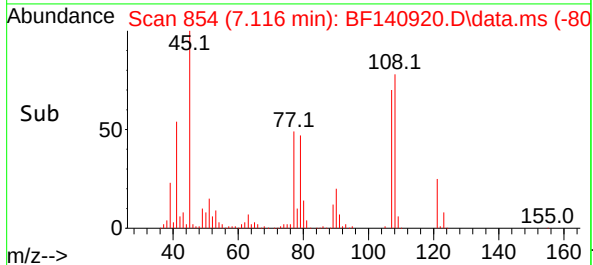
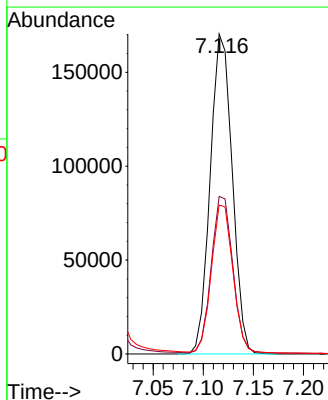
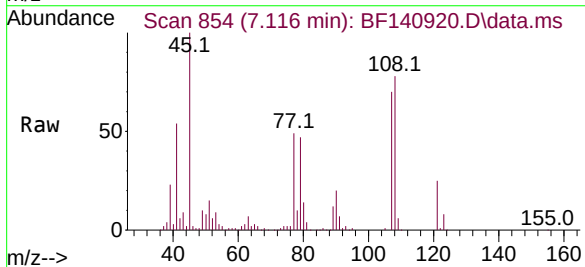
Tgt Ion: 45 Resp: 260221

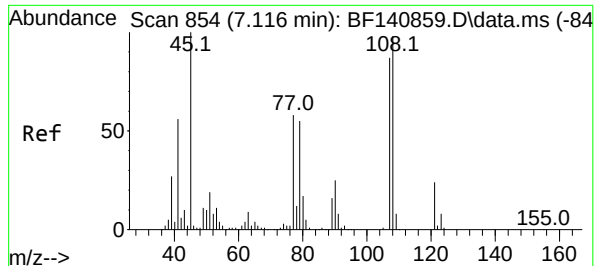
Ion Ratio Lower Upper

45 100

77 49.2 23.3 63.3

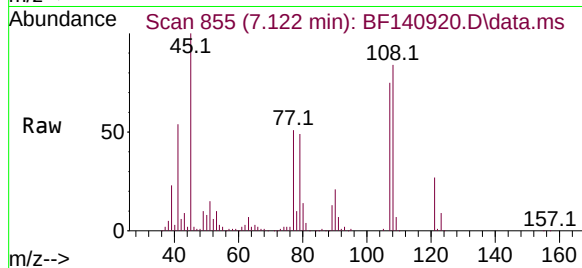
79 46.6 20.0 60.0



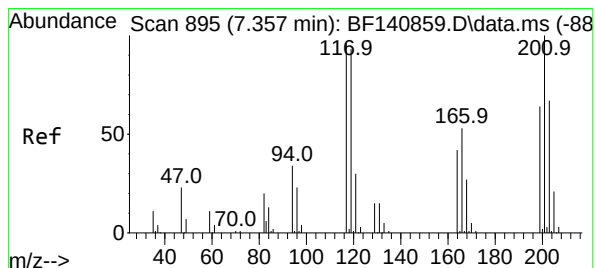
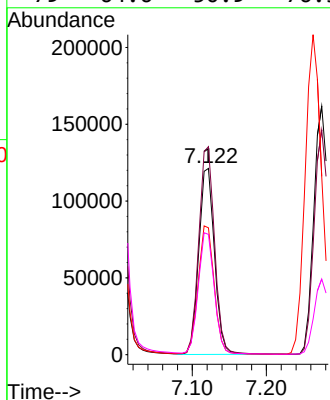
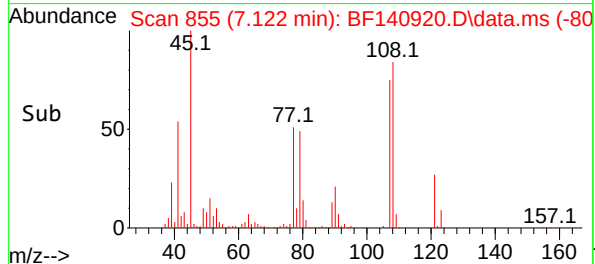


#17
2-Methylphenol
Concen: 45.698 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

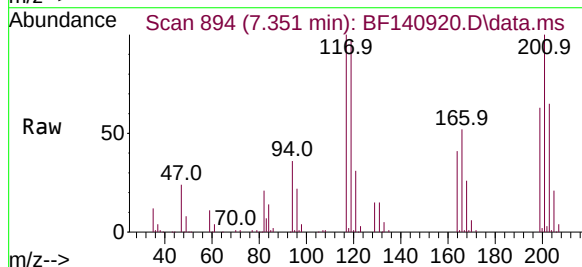
Instrument :
BNA_F
ClientSampleId :
PB165719BS



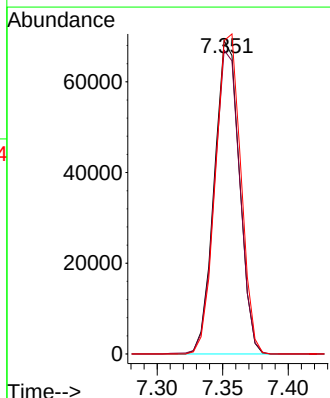
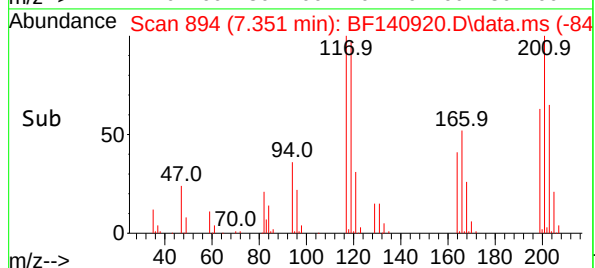
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.2	135.4
77	68.1	53.8	80.6
79	64.6	50.9	76.3

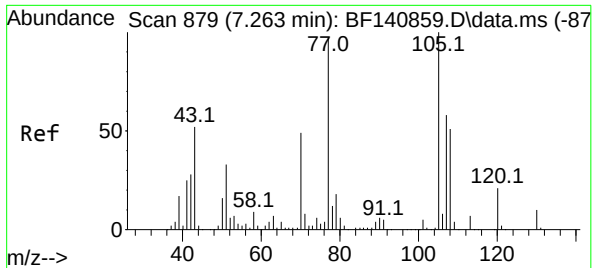


#18
Hexachloroethane
Concen: 43.401 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30



Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	99.9	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.397 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140920.D

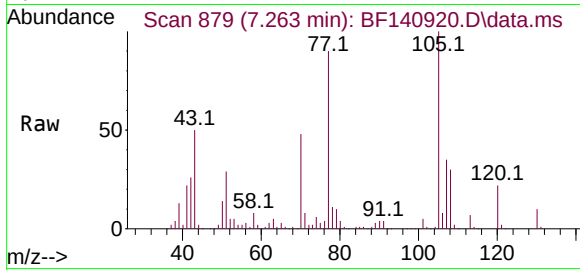
Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS



Tgt Ion: 70 Resp: 166424

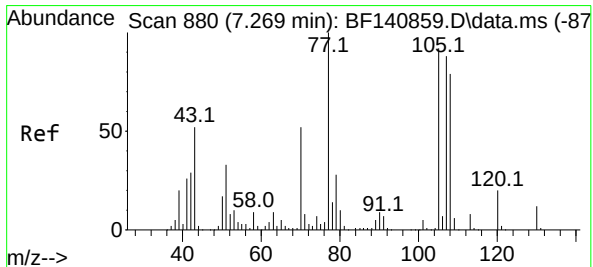
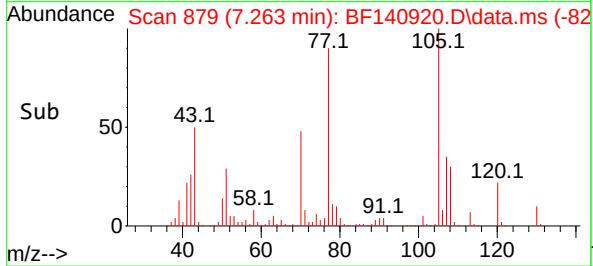
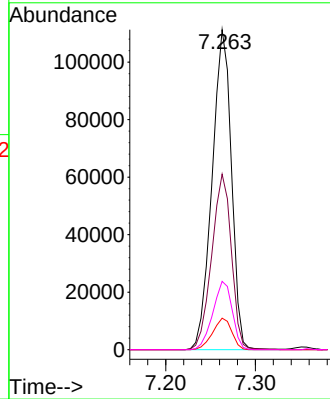
Ion Ratio Lower Upper

70 100

42 54.9 45.3 67.9

101 9.8 8.0 12.0

130 21.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 47.040 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion: 107 Resp: 245179

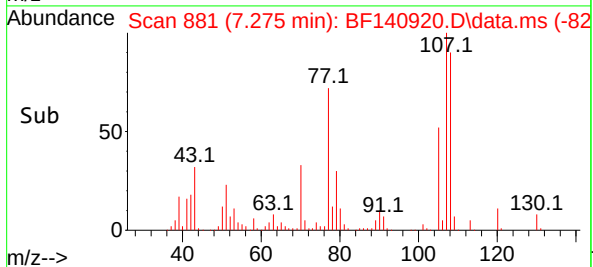
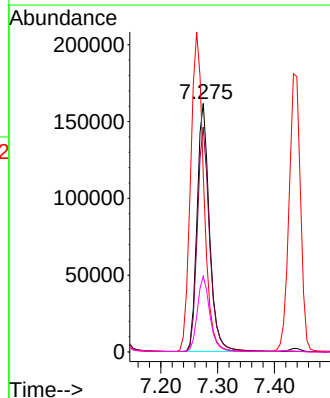
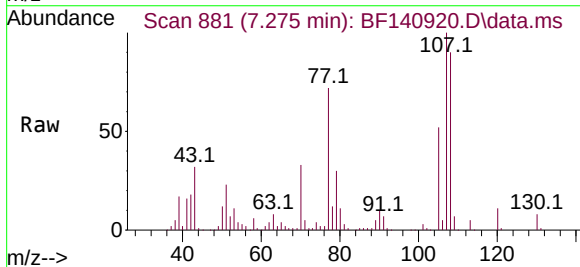
Ion Ratio Lower Upper

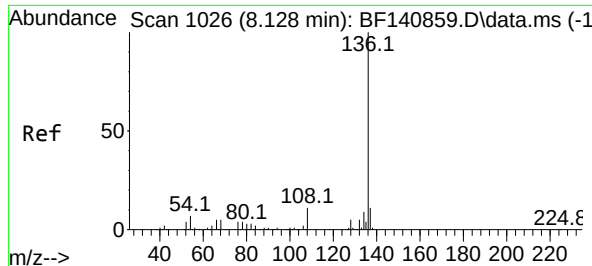
107 100

108 90.5 70.1 110.1

77 71.8 94.4 134.4#

79 30.4 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

Tgt Ion:136 Resp: 267213

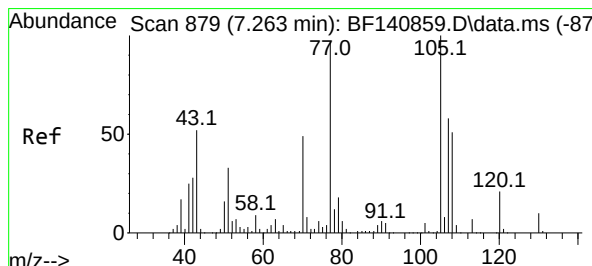
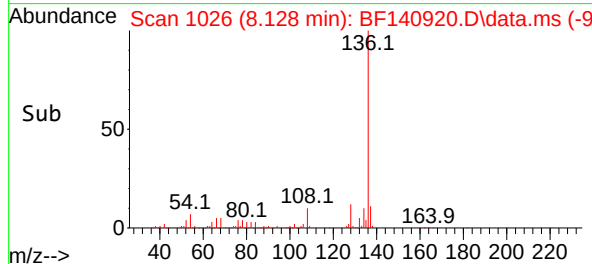
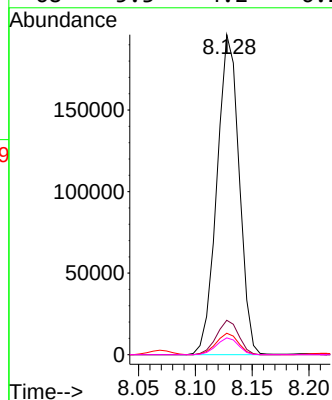
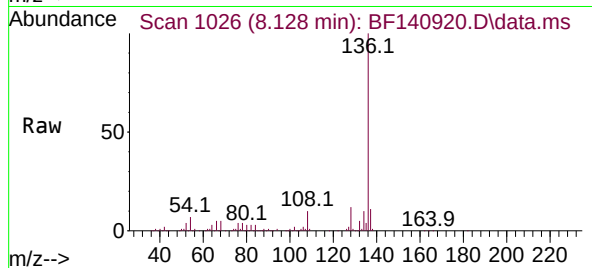
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.7 5.6 8.4

68 5.3 4.2 6.2



#22

Acetophenone

Concen: 48.745 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion:105 Resp: 325833

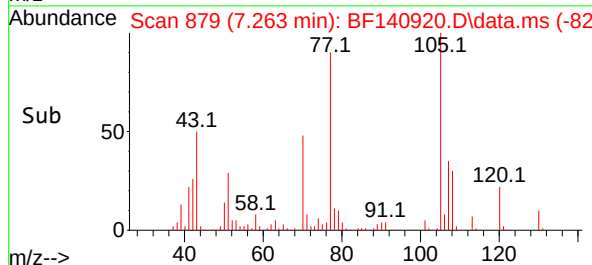
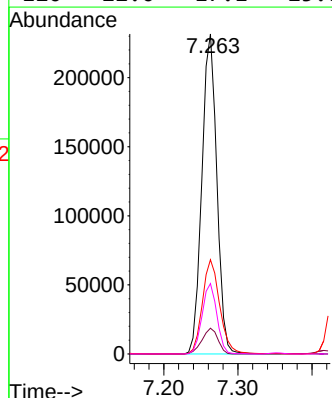
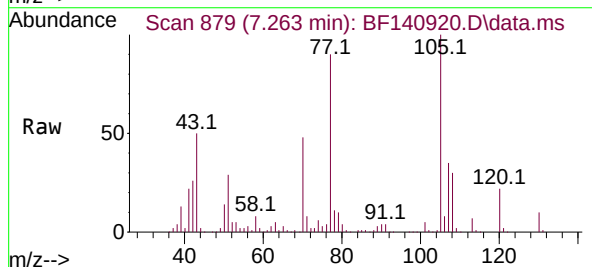
Ion Ratio Lower Upper

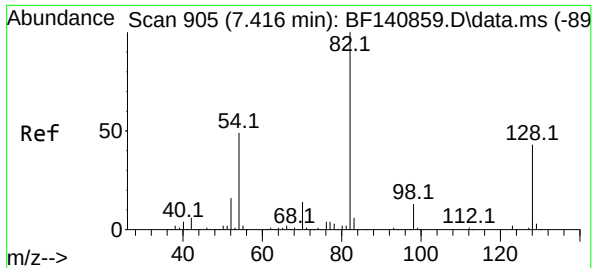
105 100

71 8.1 6.2 9.4

51 29.5 26.3 39.5

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 95.445 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

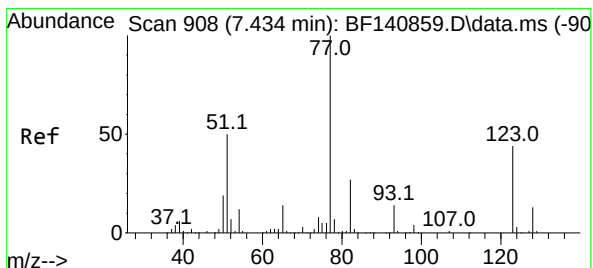
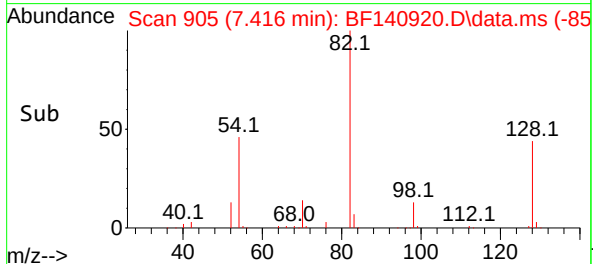
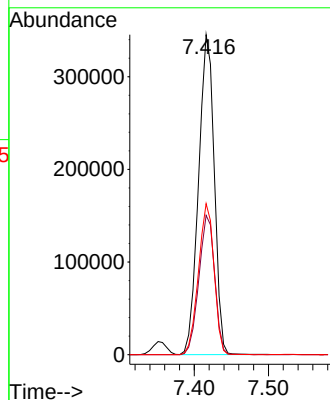
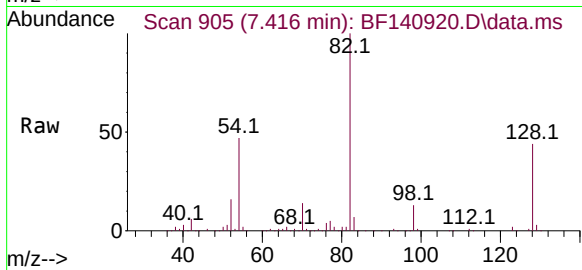
Tgt Ion: 82 Resp: 509768

Ion Ratio Lower Upper

82 100

128 43.6 34.4 51.6

54 47.2 38.8 58.2



#24

Nitrobenzene

Concen: 46.018 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

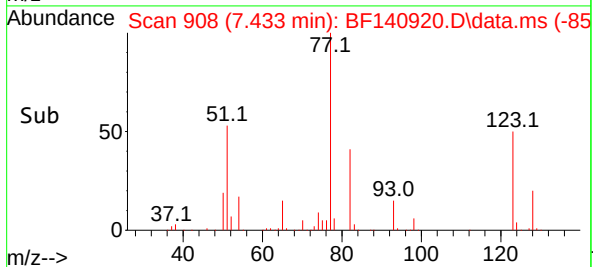
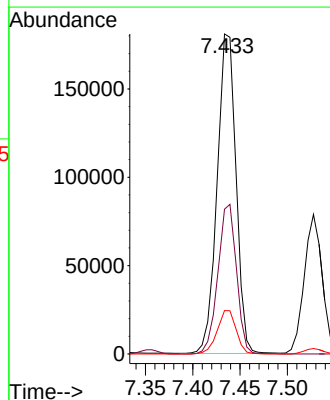
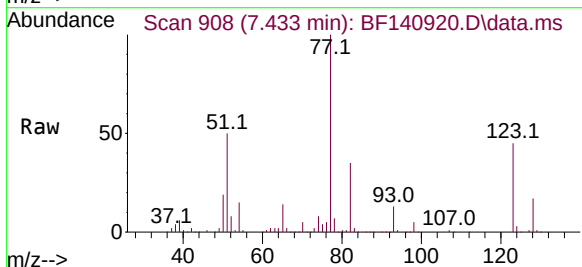
Tgt Ion: 77 Resp: 251790

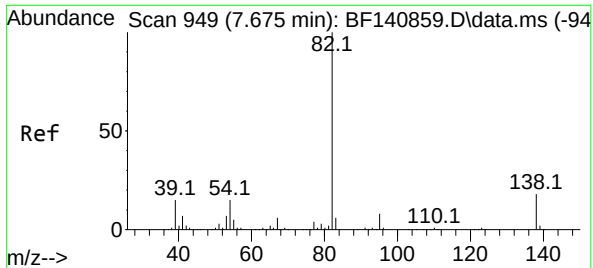
Ion Ratio Lower Upper

77 100

123 45.3 35.0 52.4

65 13.5 11.4 17.0

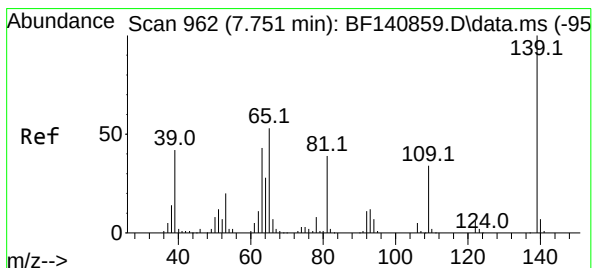
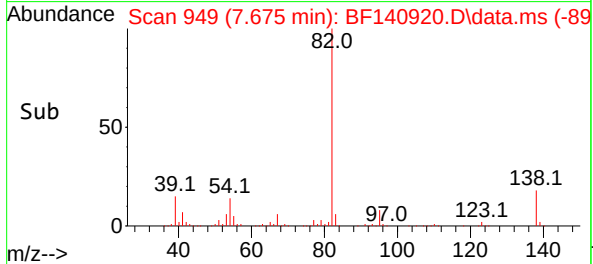
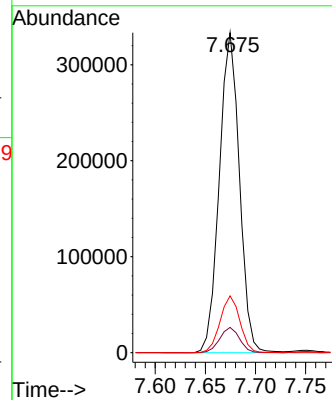
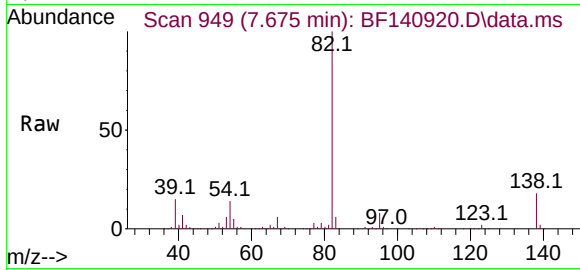




#25
Isophorone
Concen: 51.843 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

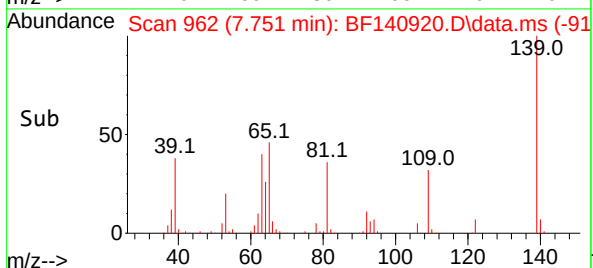
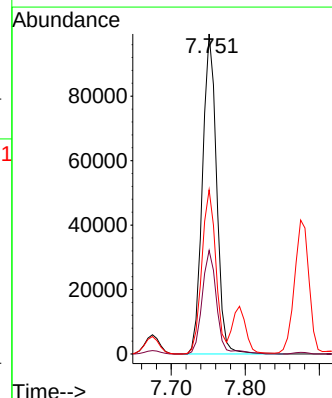
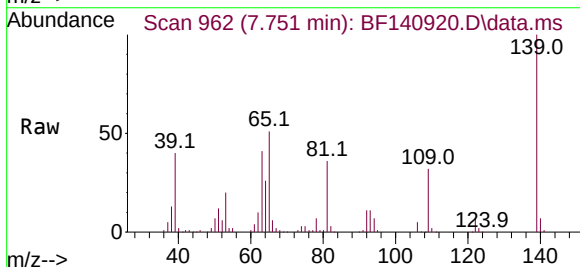
Instrument :
BNA_F
ClientSampleId :
PB165719BS

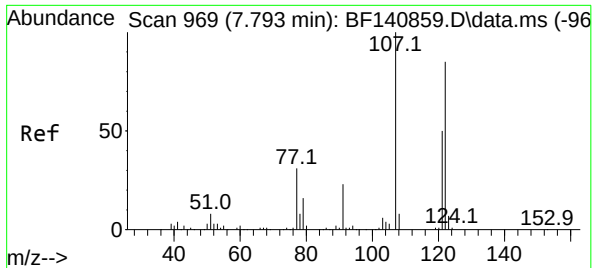
Tgt Ion: 82 Resp: 463942
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.8 14.1 21.1



#26
2-Nitrophenol
Concen: 52.198 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:139 Resp: 131542
Ion Ratio Lower Upper
139 100
109 32.4 26.9 40.3
65 51.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 62.314 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

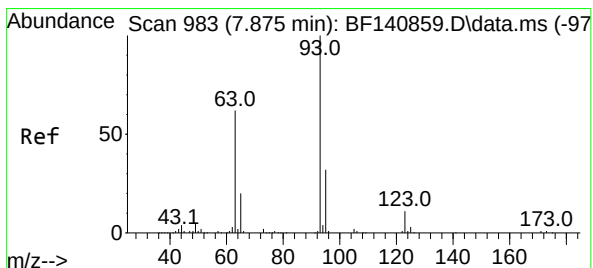
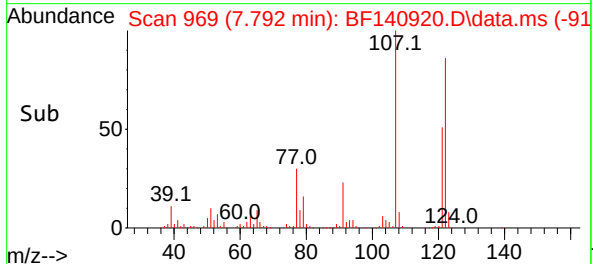
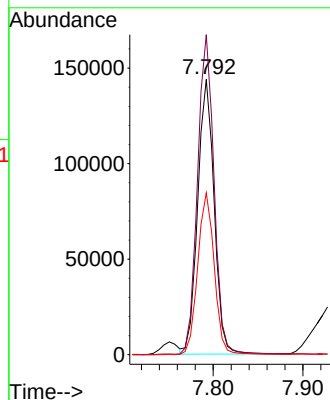
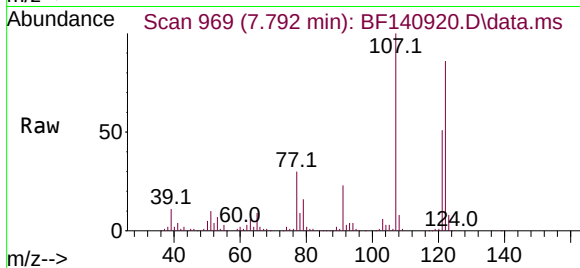
Tgt Ion:122 Resp: 183392

Ion Ratio Lower Upper

122 100

107 116.2 92.6 139.0

121 58.8 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.930 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

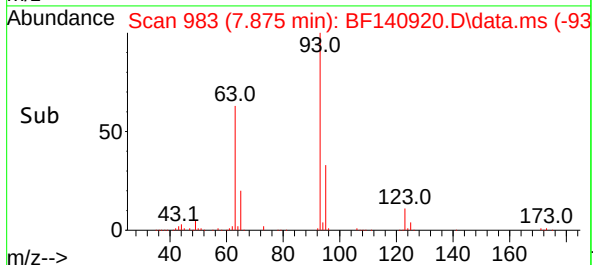
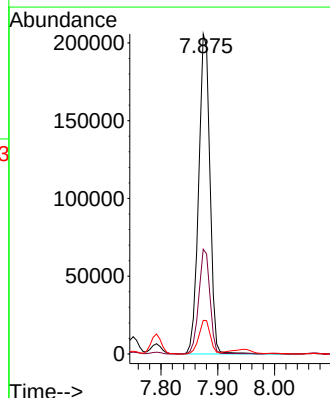
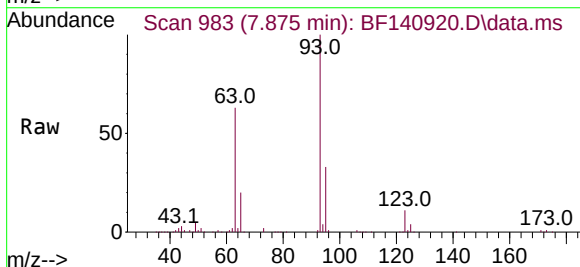
Tgt Ion: 93 Resp: 284667

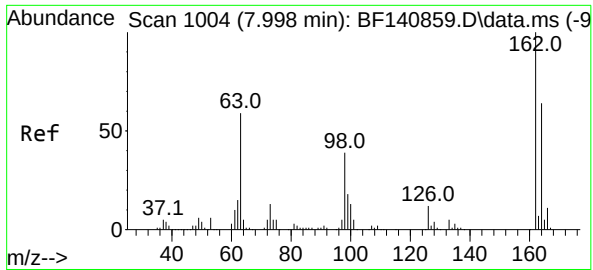
Ion Ratio Lower Upper

93 100

95 32.7 25.3 37.9

123 10.5 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 51.536 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

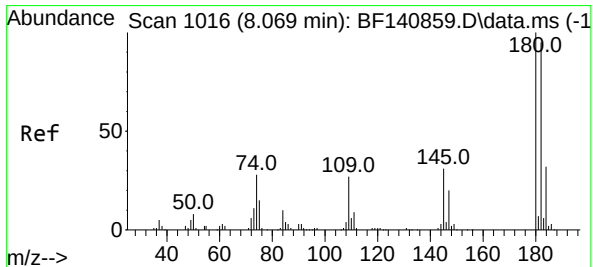
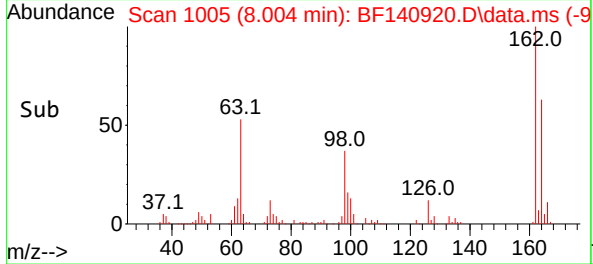
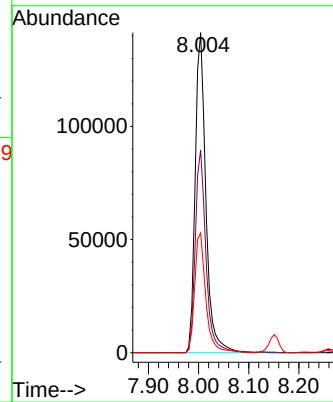
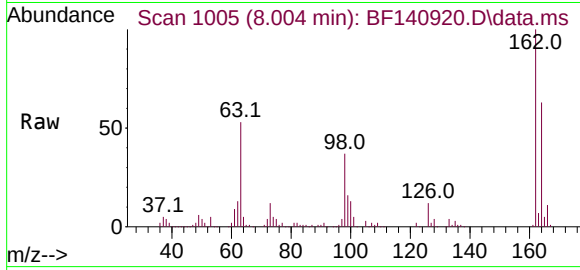
Tgt Ion:162 Resp: 209399

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 37.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 46.660 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

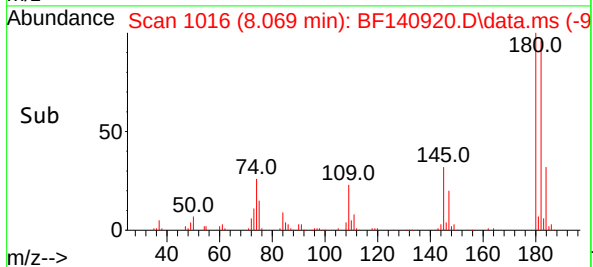
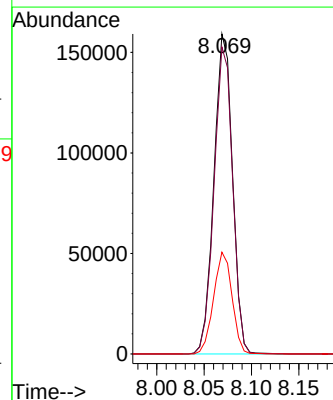
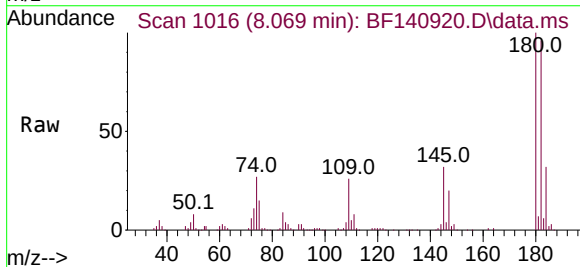
Tgt Ion:180 Resp: 217332

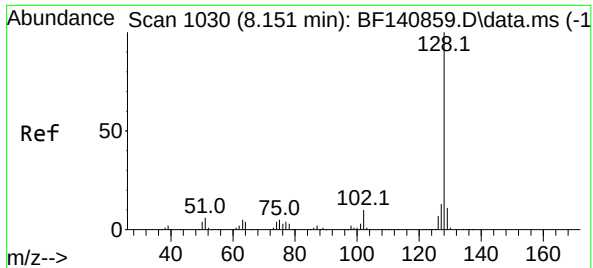
Ion Ratio Lower Upper

180 100

182 95.9 75.8 113.6

145 31.8 25.2 37.8

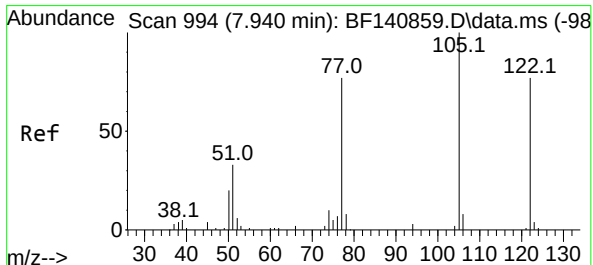
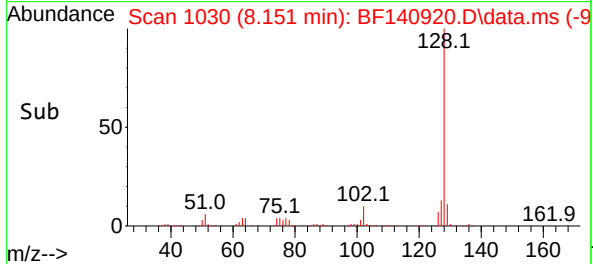
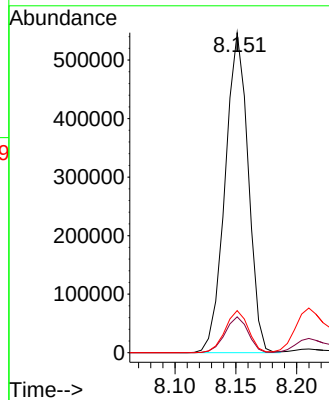
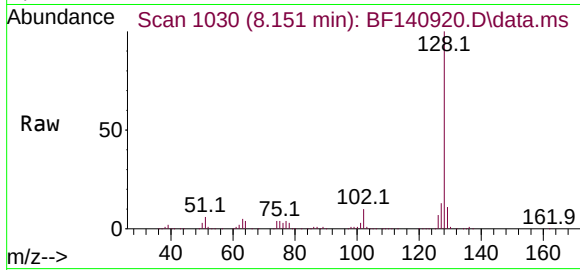




#31
Naphthalene
Concen: 49.209 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

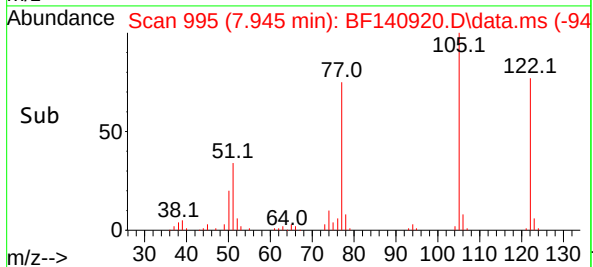
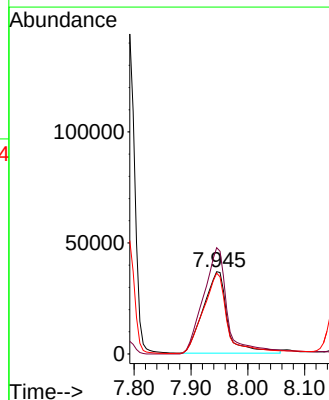
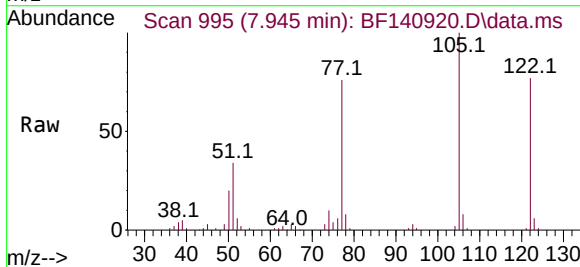
Instrument :
BNA_F
ClientSampleId :
PB165719BS

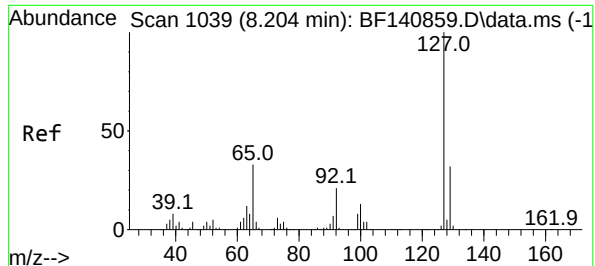
Tgt Ion:128 Resp: 722311
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 39.016 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:122 Resp: 108900
Ion Ratio Lower Upper
122 100
105 129.1 108.3 148.3
77 98.2 78.8 118.8





#33

4-Chloroaniline

Concen: 35.471 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

Tgt Ion:127 Resp: 172922

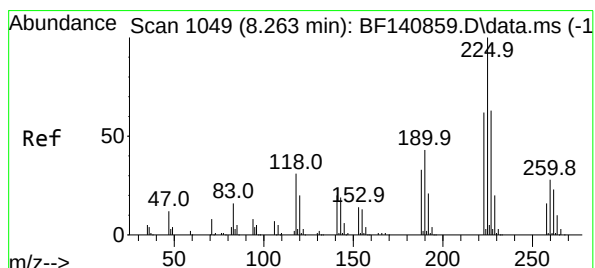
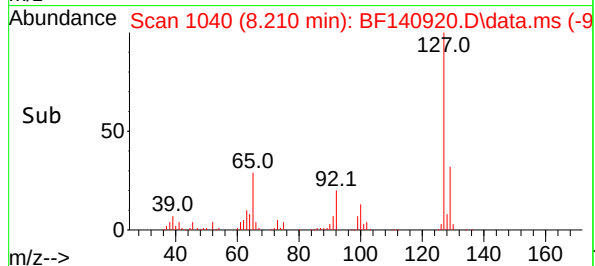
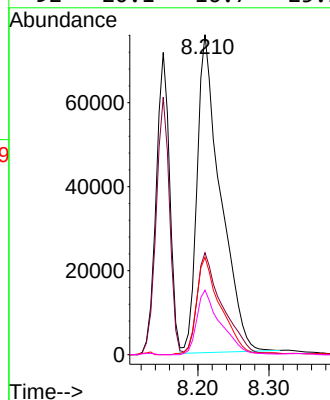
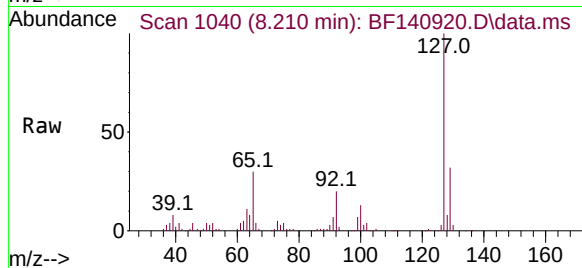
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 30.4 26.0 39.0

92 20.1 16.7 25.1



#34

Hexachlorobutadiene

Concen: 47.076 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

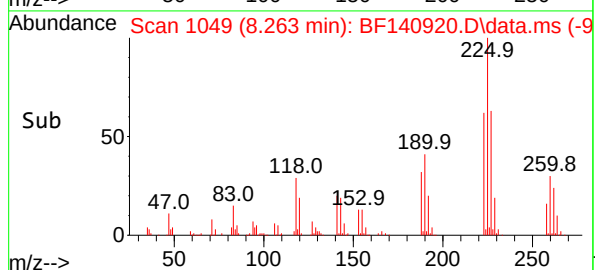
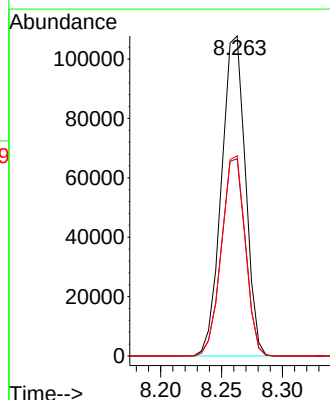
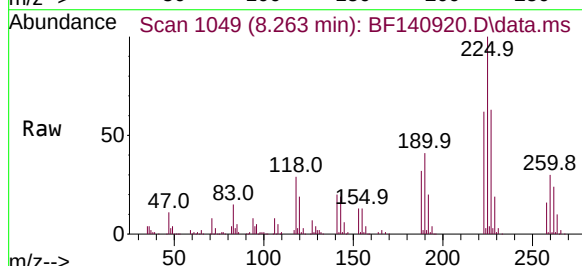
Tgt Ion:225 Resp: 147527

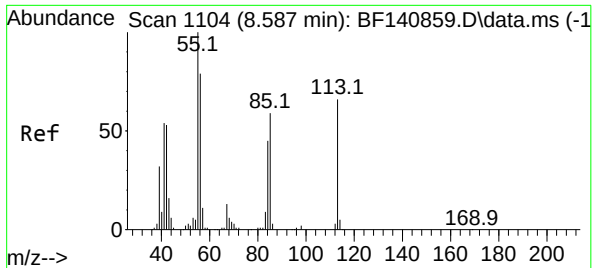
Ion Ratio Lower Upper

225 100

223 61.6 49.6 74.4

227 62.6 50.7 76.1





#35

Caprolactam

Concen: 53.262 ng m

RT: 8.592 min Scan# 1105

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

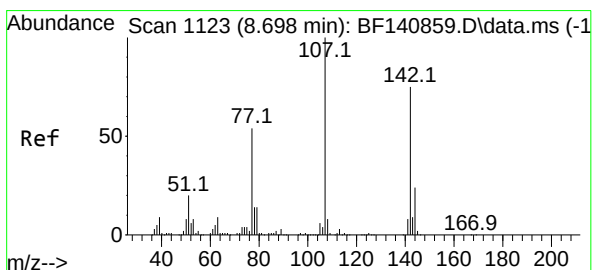
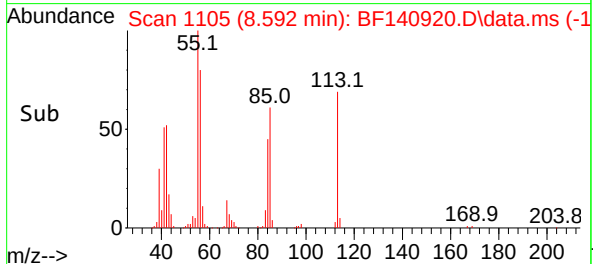
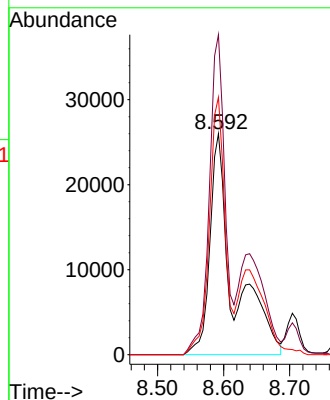
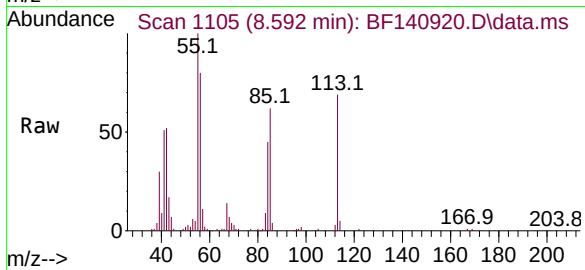
Tgt Ion:113 Resp: 64427

Ion Ratio Lower Upper

113 100

55 144.8 132.3 172.3

56 116.5 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 49.451 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

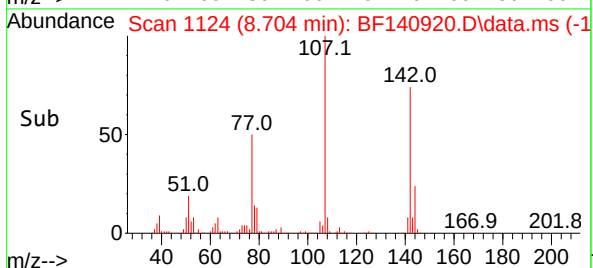
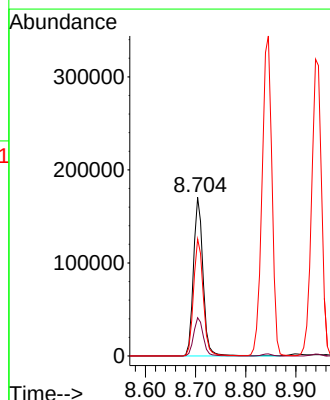
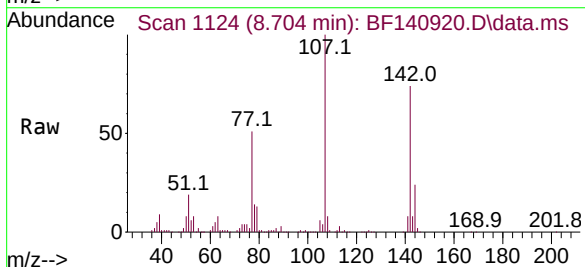
Tgt Ion:107 Resp: 226144

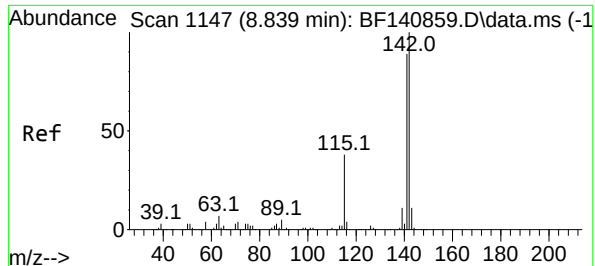
Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.2

142 73.7 60.3 90.5

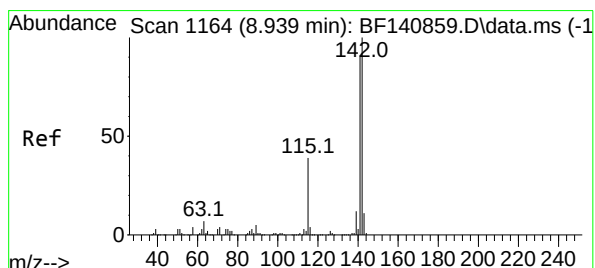
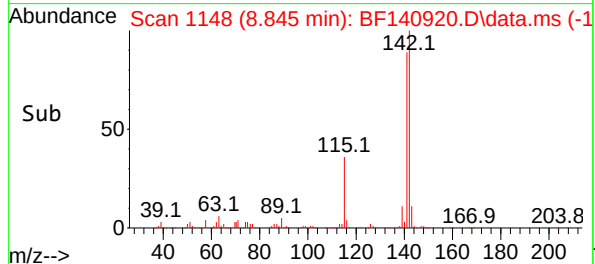
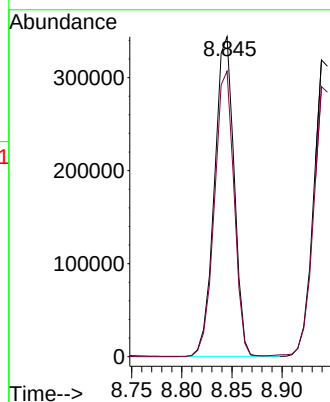
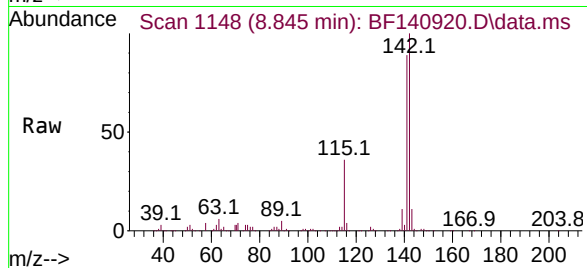




#37
2-Methylnaphthalene
Concen: 48.165 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

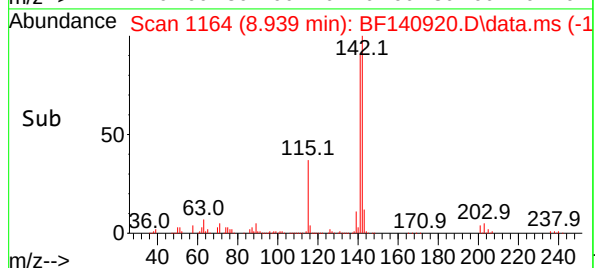
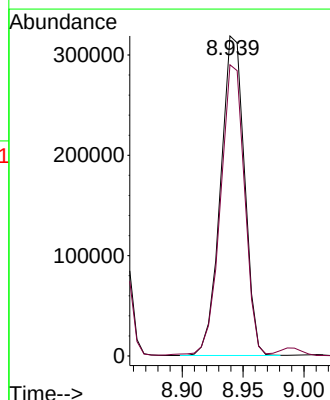
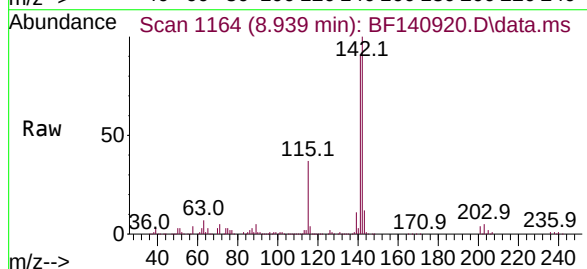
Instrument :
BNA_F
ClientSampleId :
PB165719BS

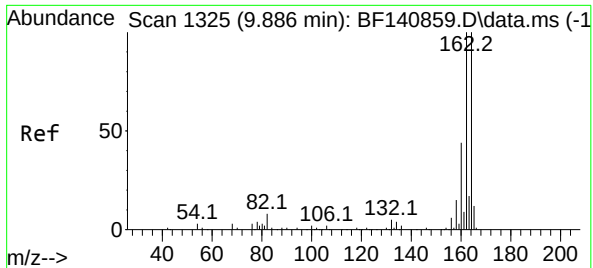
Tgt Ion:142 Resp: 467664
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 45.399 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:142 Resp: 435954
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

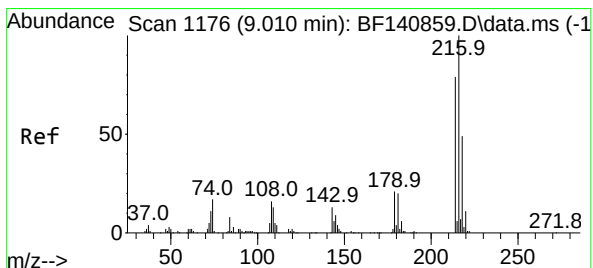
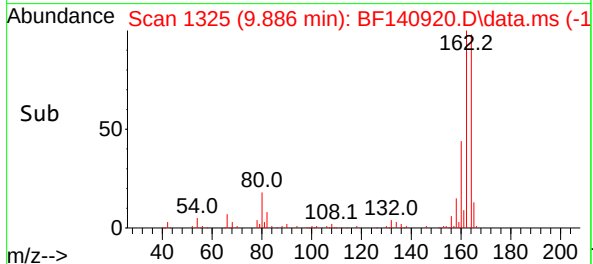
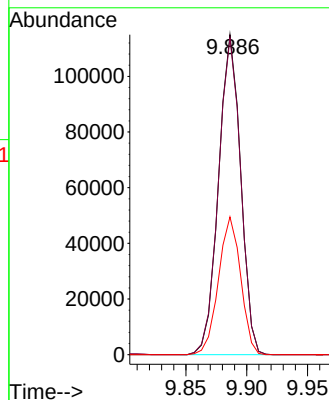
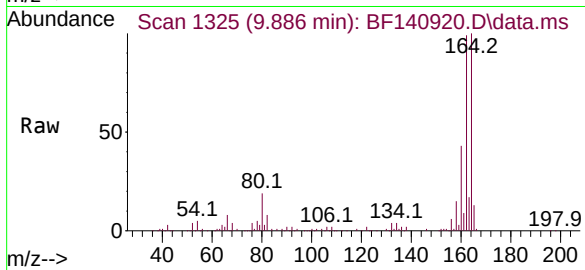
Tgt Ion:164 Resp: 145295

Ion Ratio Lower Upper

164 100

162 99.0 79.9 119.9

160 43.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.973 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion:216 Resp: 232102

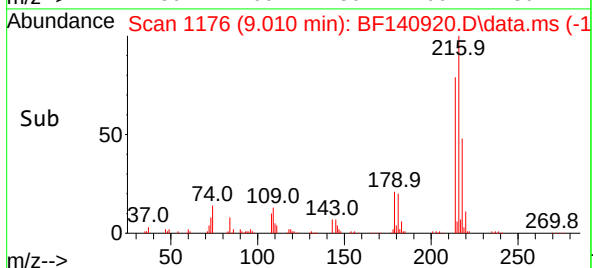
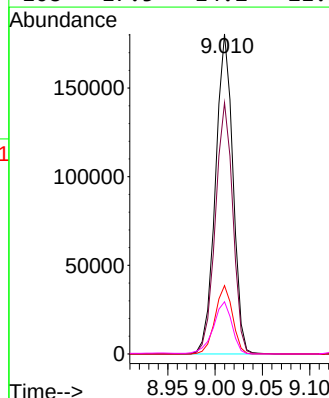
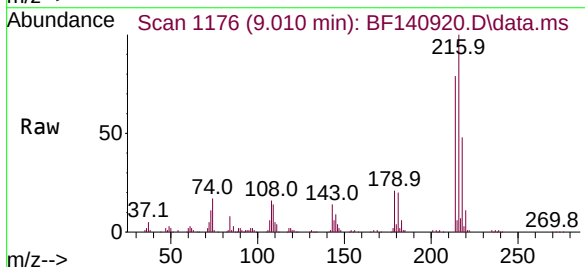
Ion Ratio Lower Upper

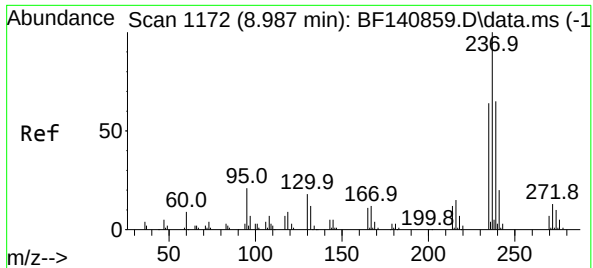
216 100

214 78.4 63.6 95.4

179 21.2 17.0 25.4

108 17.5 14.2 21.2

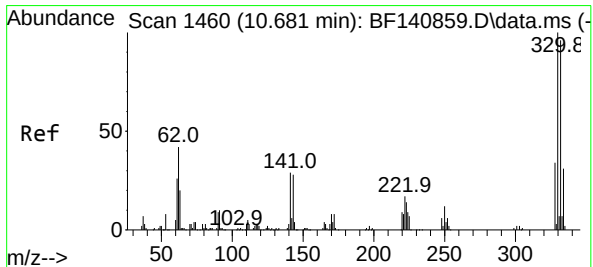
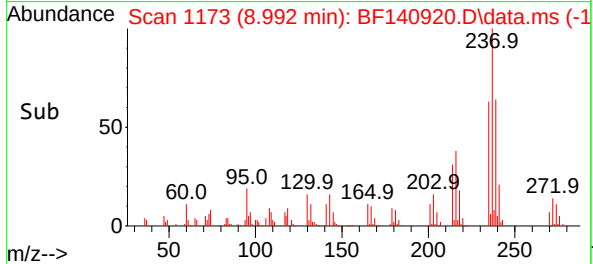
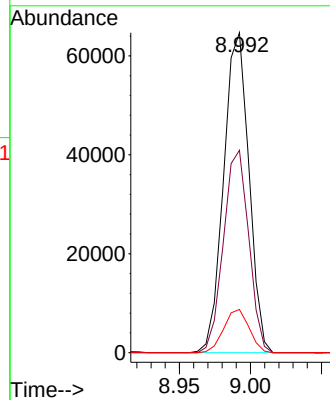
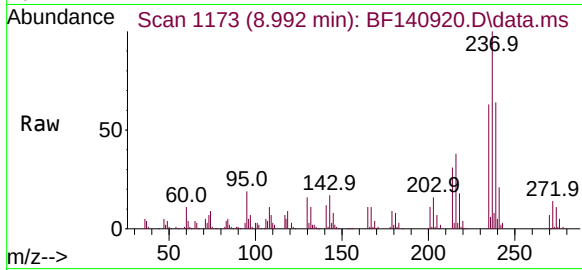




#41
Hexachlorocyclopentadiene
Concen: 60.237 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

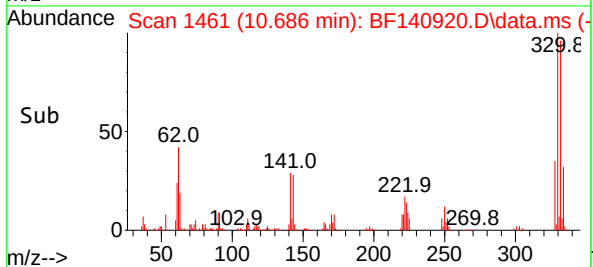
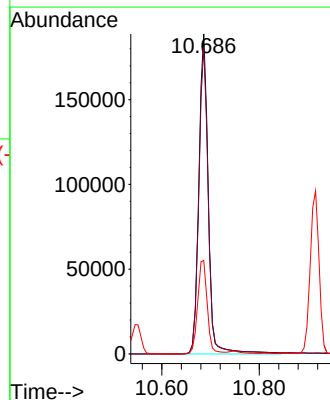
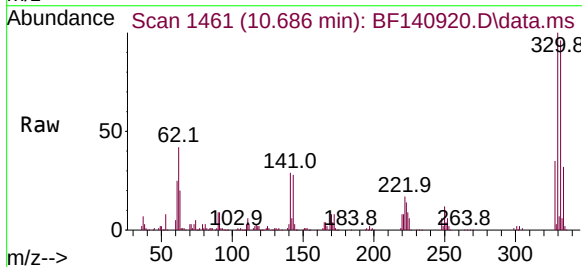
Instrument :
BNA_F
ClientSampleId :
PB165719BS

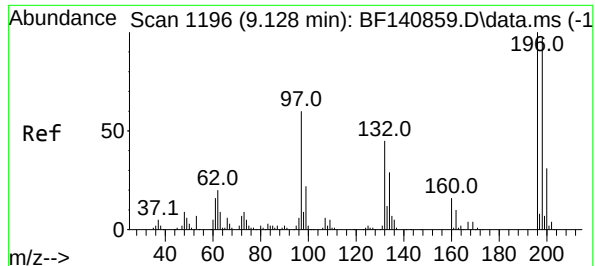
Tgt Ion:237 Resp: 80002
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 149.103 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:330 Resp: 256222
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 29.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 50.430 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

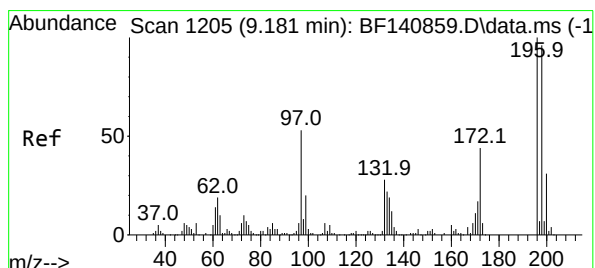
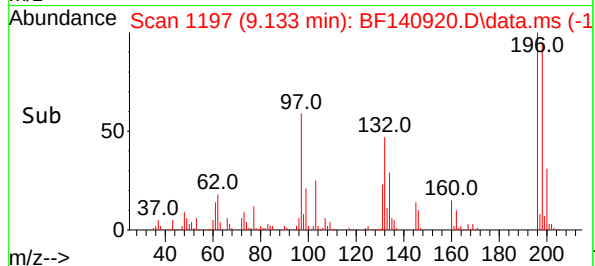
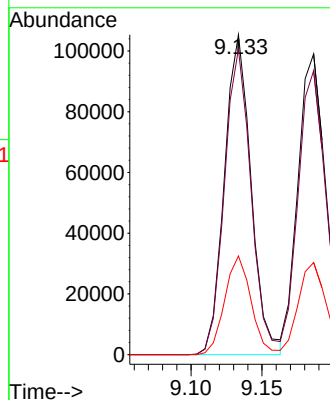
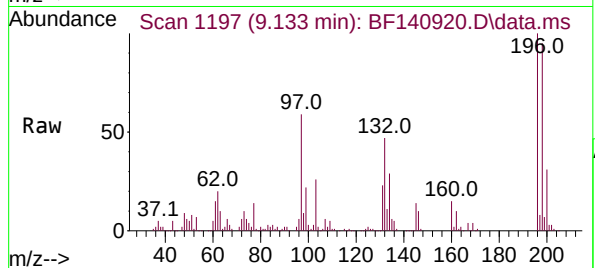
Tgt Ion:196 Resp: 137903

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 48.494 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Tgt Ion:196 Resp: 145754

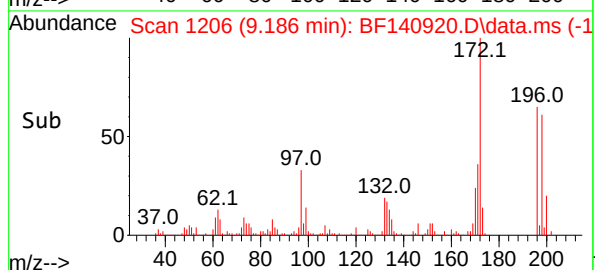
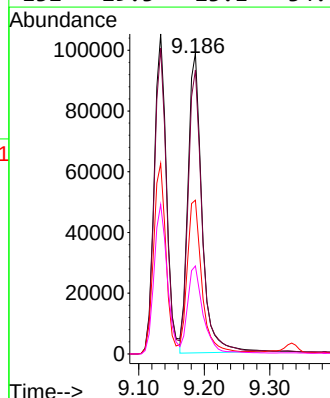
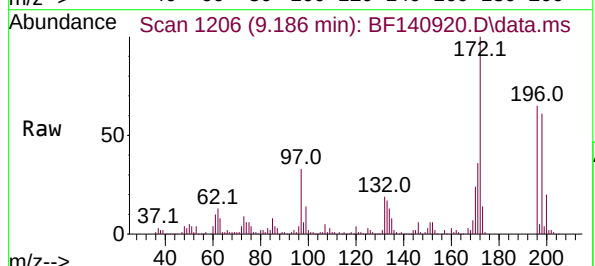
Ion Ratio Lower Upper

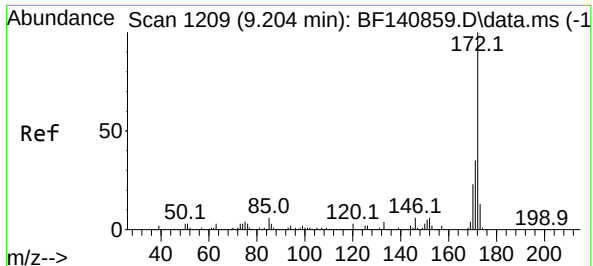
196 100

198 94.4 77.2 115.8

97 51.1 42.2 63.4

132 29.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 99.487 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

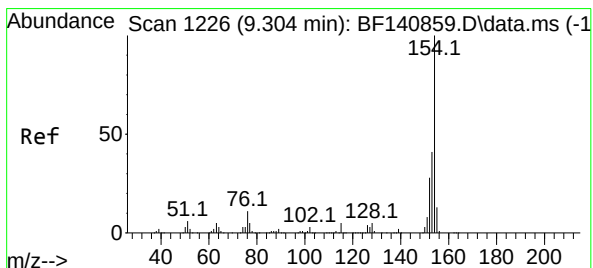
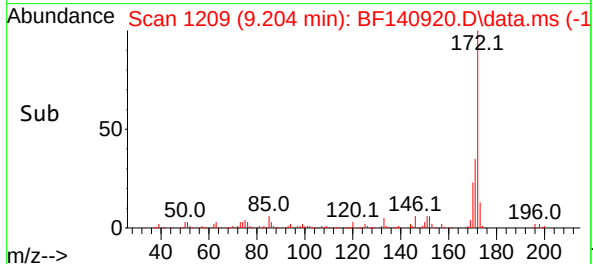
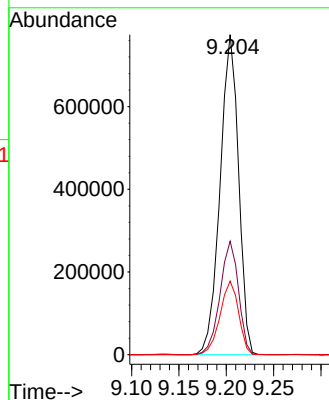
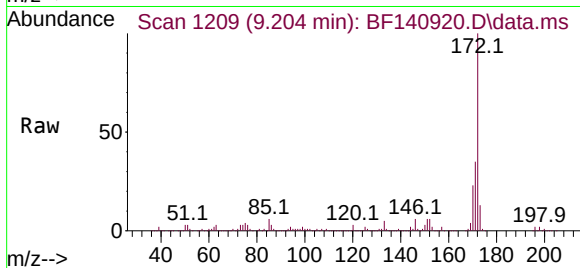
Tgt Ion:172 Resp: 1051380

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 51.262 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

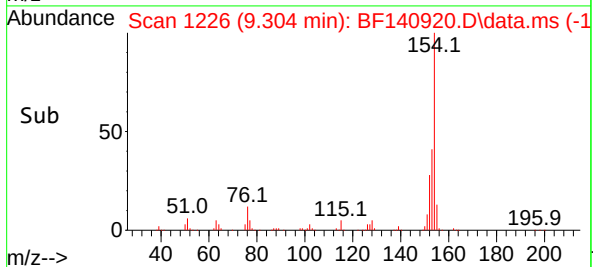
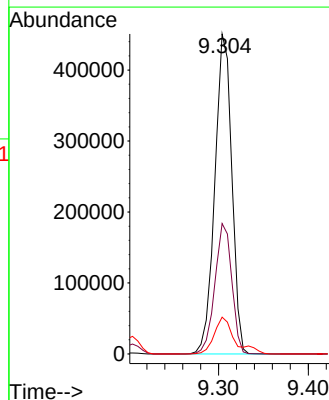
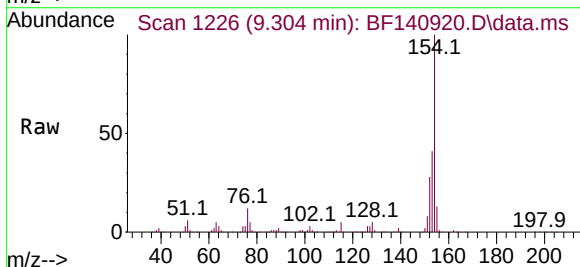
Tgt Ion:154 Resp: 592260

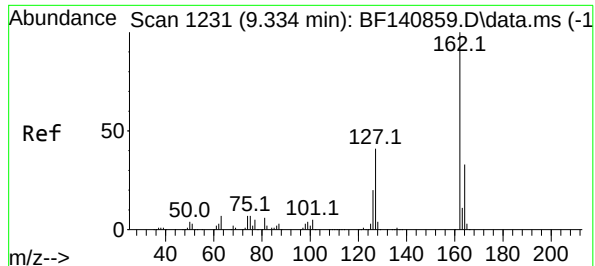
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.175 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

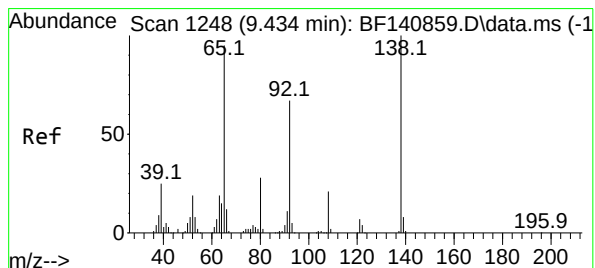
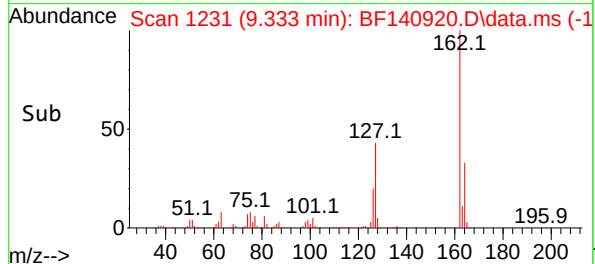
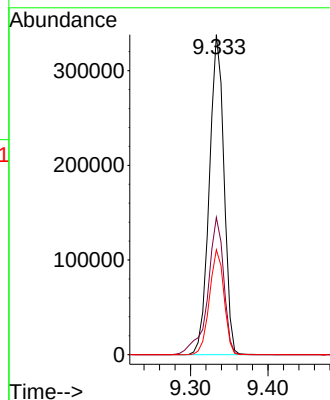
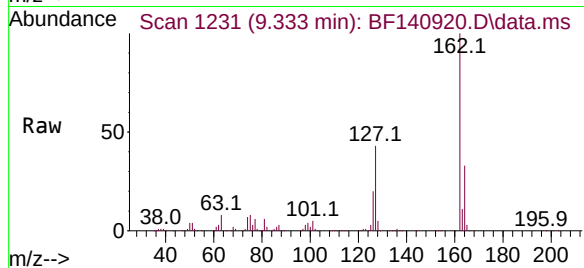
Tgt Ion:162 Resp: 443486

Ion Ratio Lower Upper

162 100

127 42.9 33.5 50.3

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 51.819 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

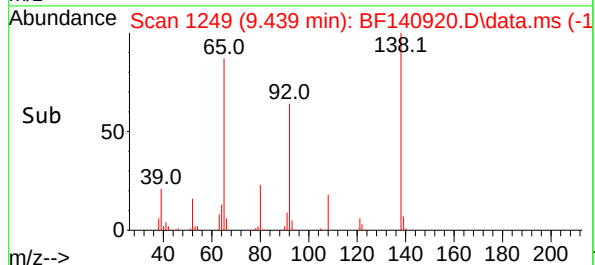
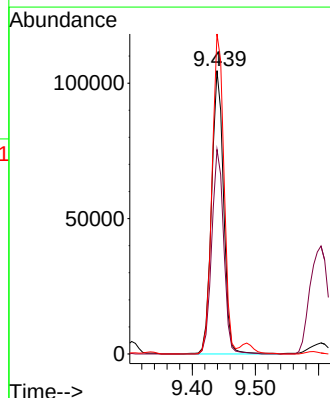
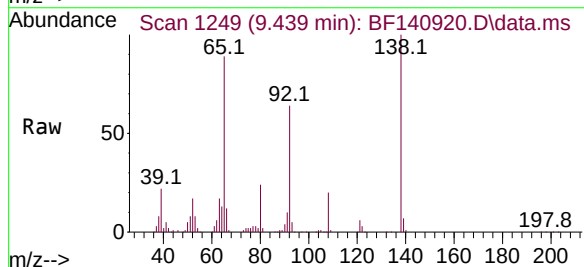
Tgt Ion: 65 Resp: 138326

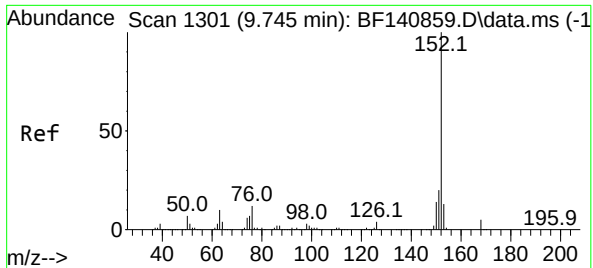
Ion Ratio Lower Upper

65 100

92 72.2 56.3 84.5

138 112.9 83.8 125.6





#49

Acenaphthylene

Concen: 54.845 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

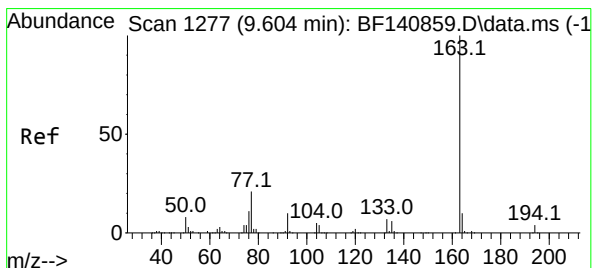
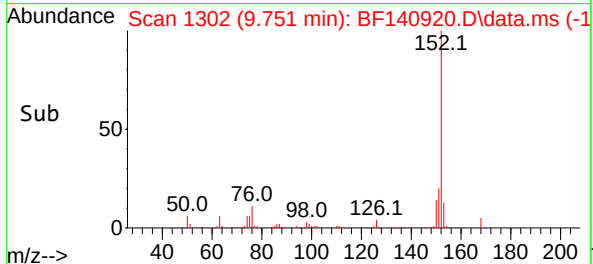
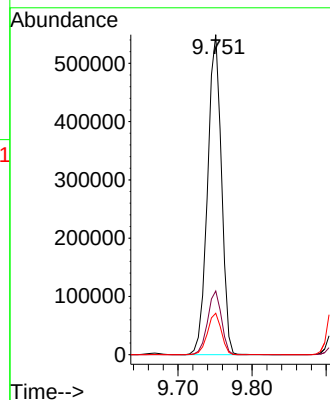
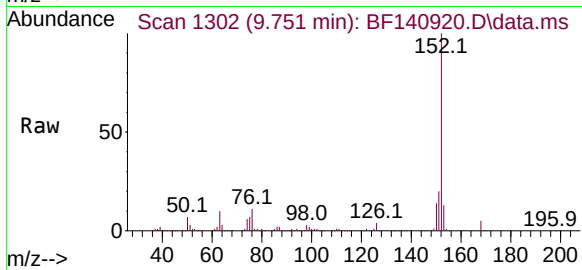
Tgt Ion:152 Resp: 712379

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 52.191 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

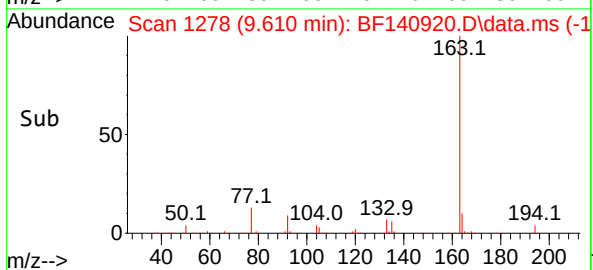
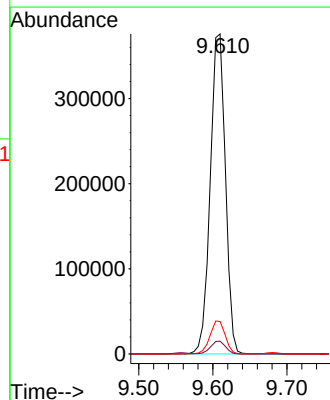
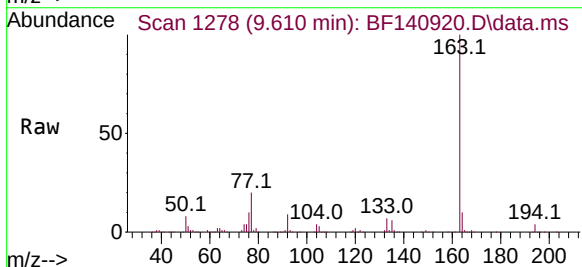
Tgt Ion:163 Resp: 534630

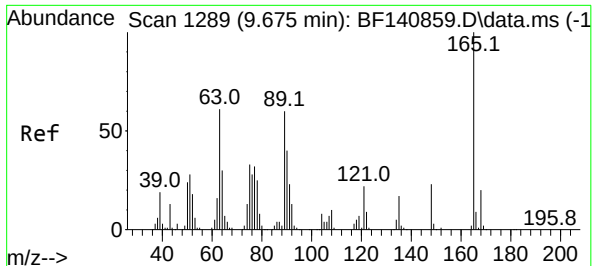
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.265 ng

RT: 9.680 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

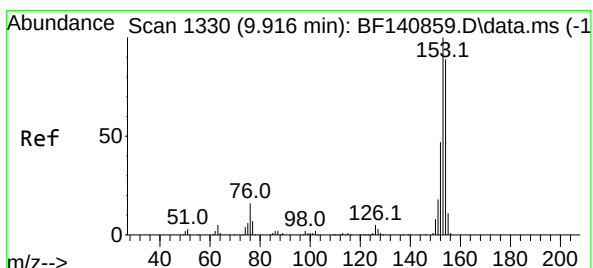
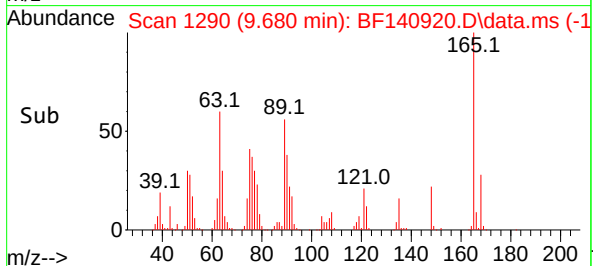
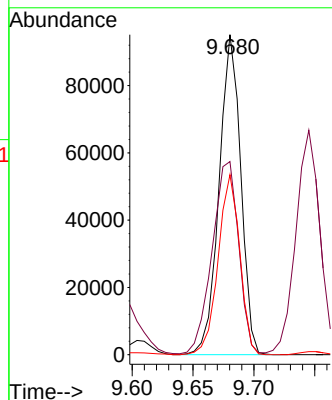
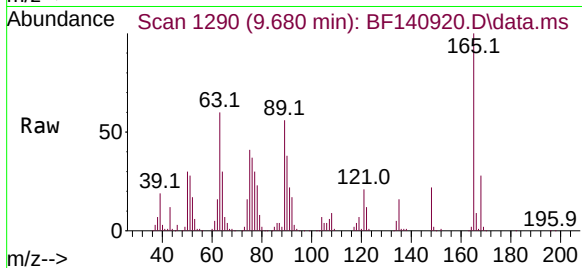
Tgt Ion:165 Resp: 117709

Ion Ratio Lower Upper

165 100

63 60.3 49.7 74.5

89 56.3 48.2 72.4



#52

Acenaphthene

Concen: 51.096 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

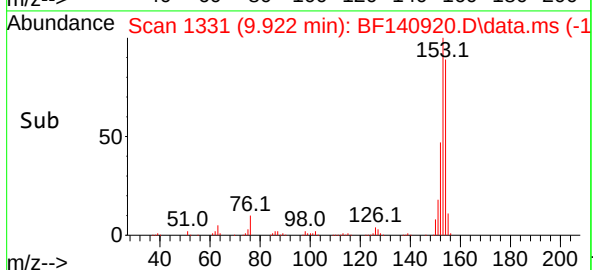
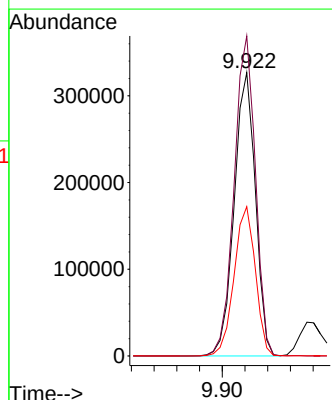
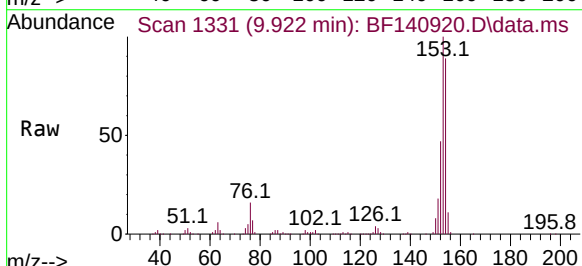
Tgt Ion:154 Resp: 423950

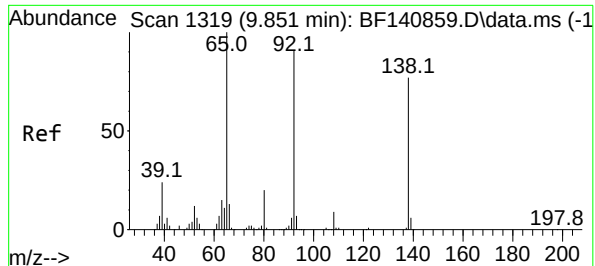
Ion Ratio Lower Upper

154 100

153 112.9 89.9 134.9

152 52.7 42.6 63.8





#53

3-Nitroaniline

Concen: 33.527 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

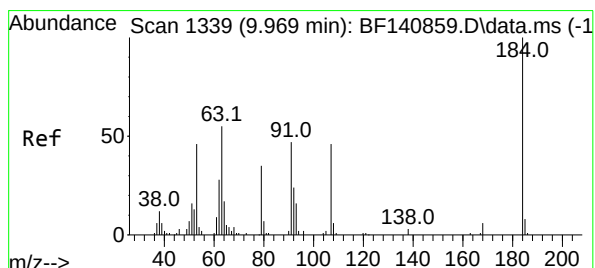
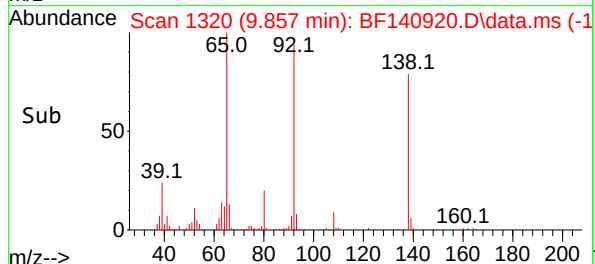
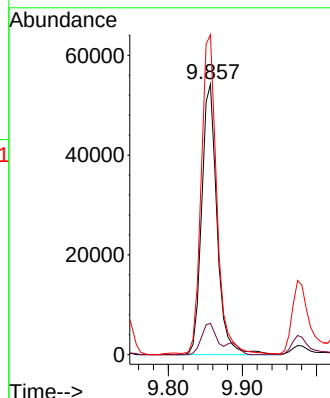
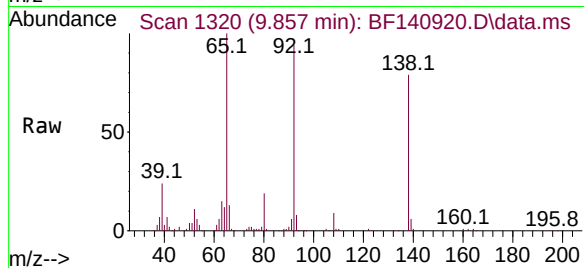
Tgt Ion:138 Resp: 77915

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 118.3 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 87.255 ng

RT: 9.974 min Scan# 1340

Delta R.T. 0.005 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

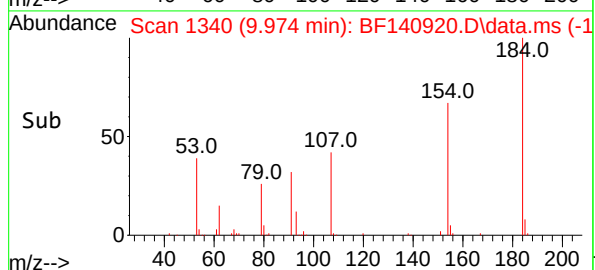
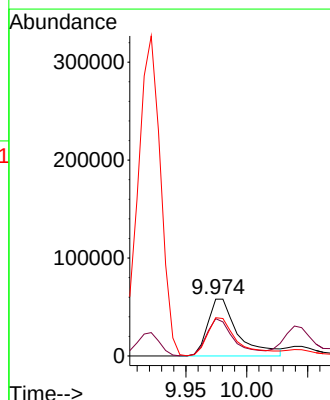
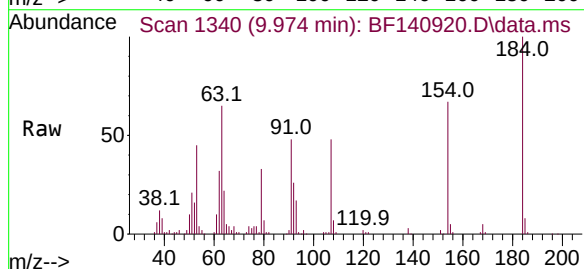
Tgt Ion:184 Resp: 100437

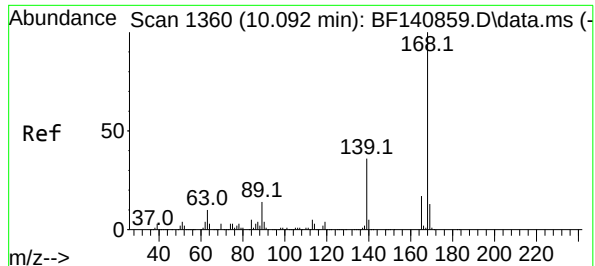
Ion Ratio Lower Upper

184 100

63 65.5 51.6 77.4

154 67.2 56.1 84.1





#55

Dibenzofuran

Concen: 50.294 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

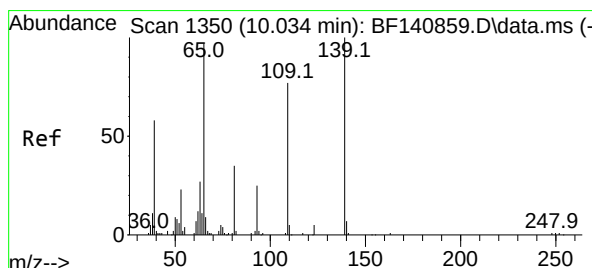
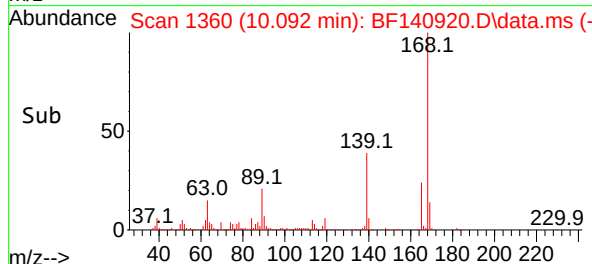
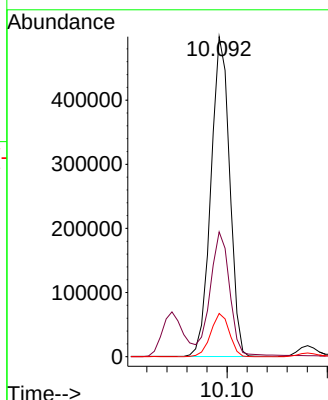
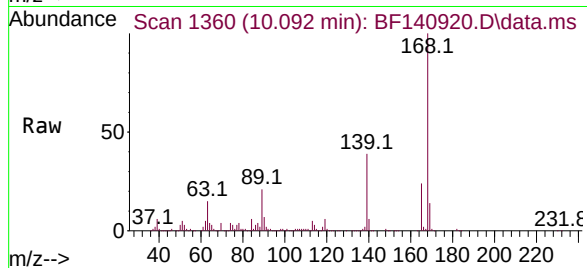
Tgt Ion:168 Resp: 646628

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 84.218 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

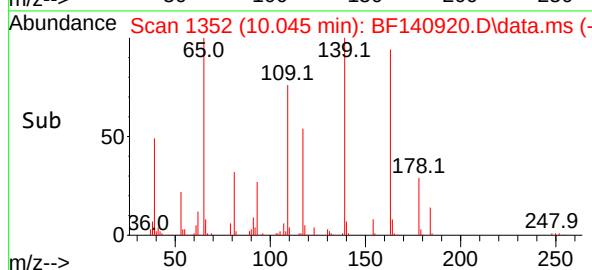
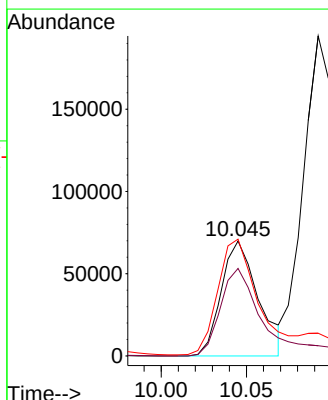
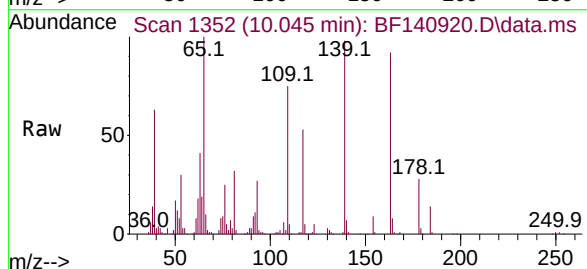
Tgt Ion:139 Resp: 105588

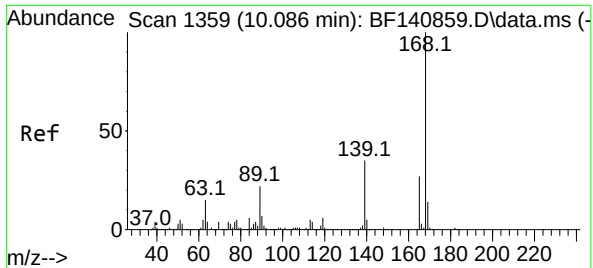
Ion Ratio Lower Upper

139 100

109 76.2 56.7 96.7

65 101.7 78.1 118.1

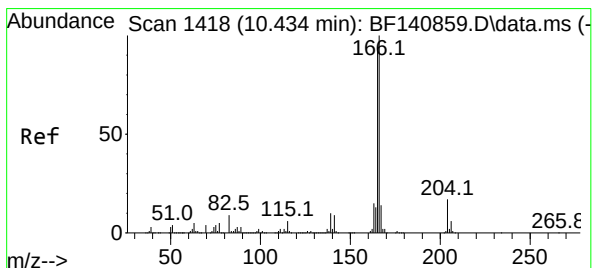
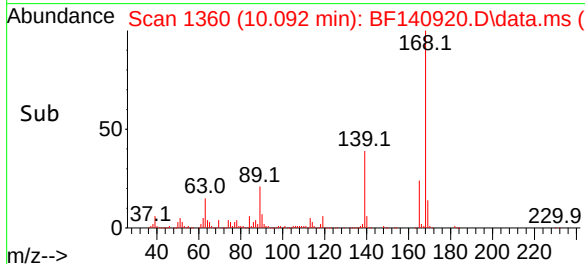
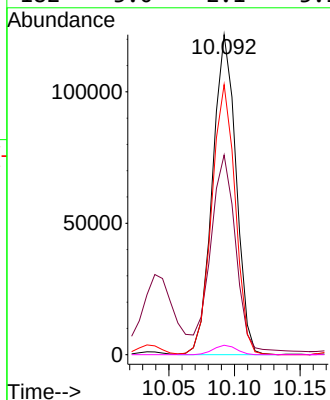
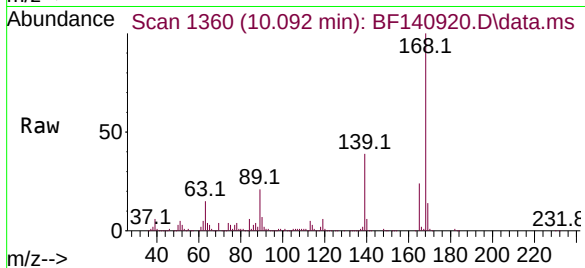




#57
2,4-Dinitrotoluene
Concen: 49.434 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

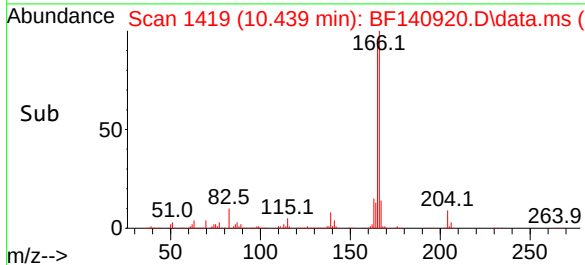
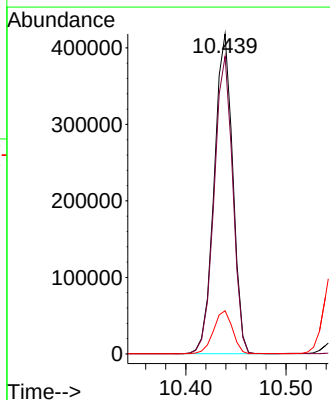
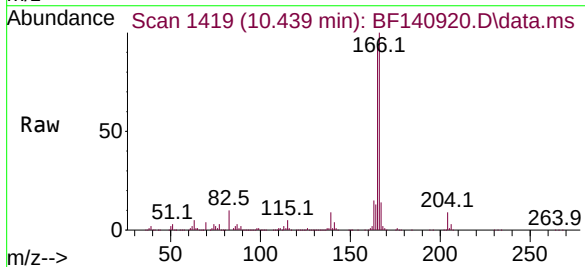
Instrument :
BNA_F
ClientSampleId :
PB165719BS

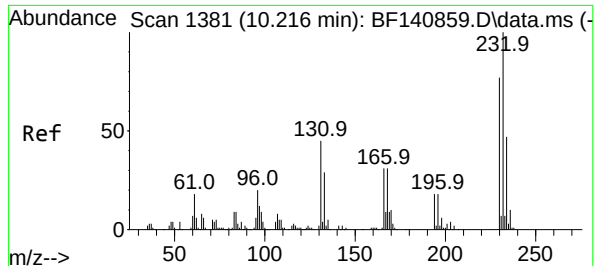
Tgt Ion:165 Resp: 152314
Ion Ratio Lower Upper
165 100
63 62.4 49.3 73.9
89 84.4 66.2 99.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 50.500 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:166 Resp: 535651
Ion Ratio Lower Upper
166 100
165 93.0 75.1 112.7
167 13.5 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.782 ng

RT: 10.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

Tgt Ion:232 Resp: 126820

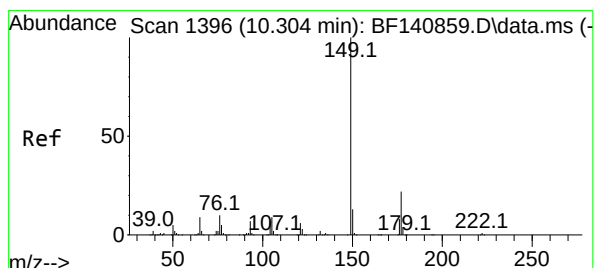
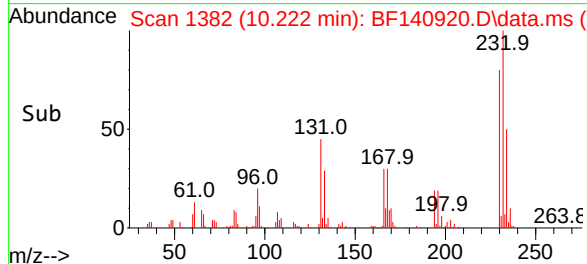
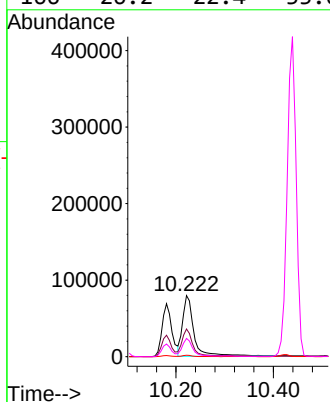
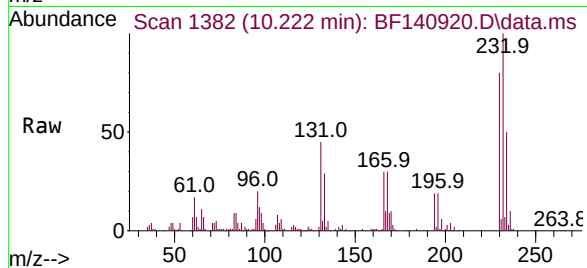
Ion Ratio Lower Upper

232 100

131 40.6 35.1 52.7

130 2.5 1.8 2.8

166 26.2 22.4 33.6



#60

Diethylphthalate

Concen: 50.970 ng

RT: 10.310 min Scan# 1397

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

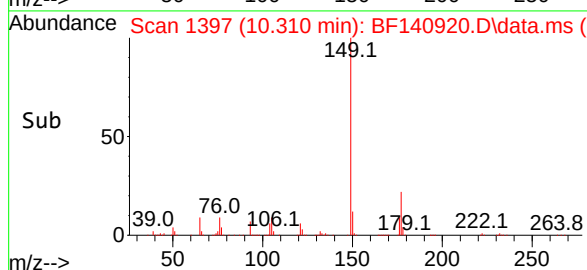
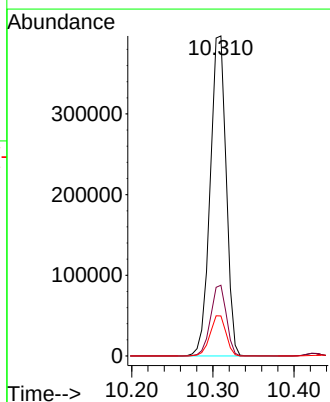
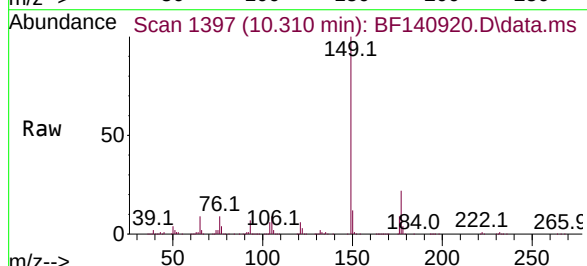
Tgt Ion:149 Resp: 541421

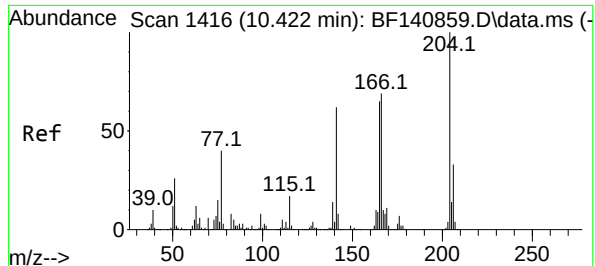
Ion Ratio Lower Upper

149 100

177 22.1 17.2 25.8

150 12.5 10.1 15.1

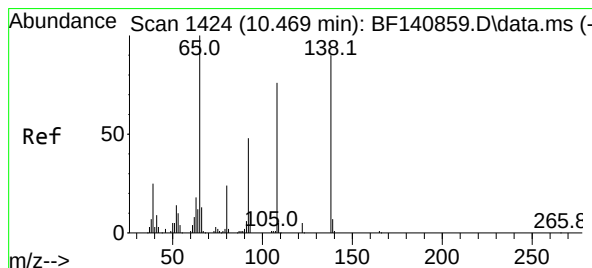
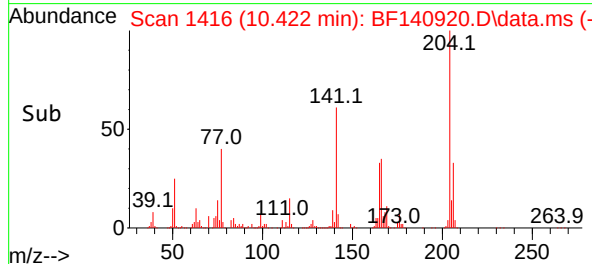
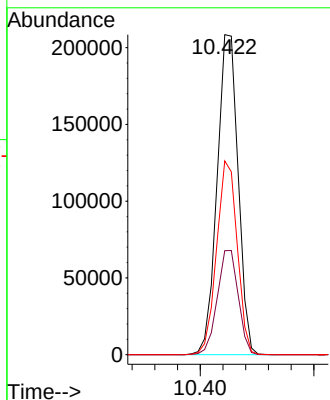
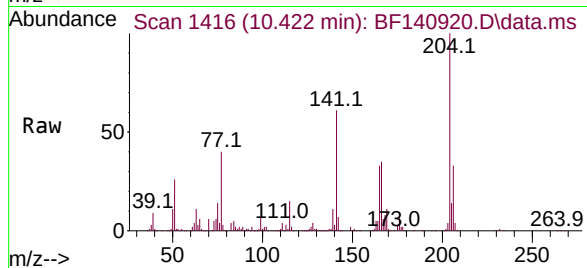




#61
4-Chlorophenyl-phenylether
Concen: 50.384 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

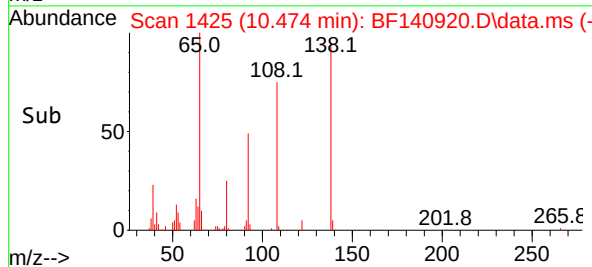
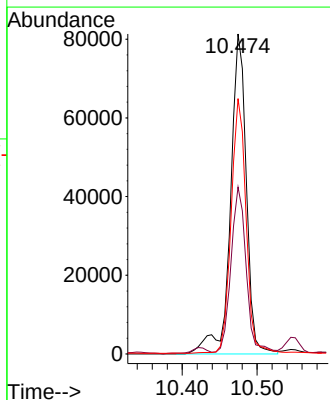
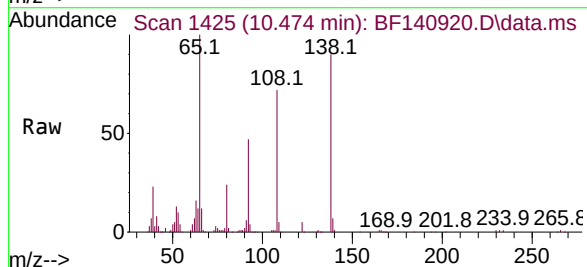
Instrument :
BNA_F
ClientSampleId :
PB165719BS

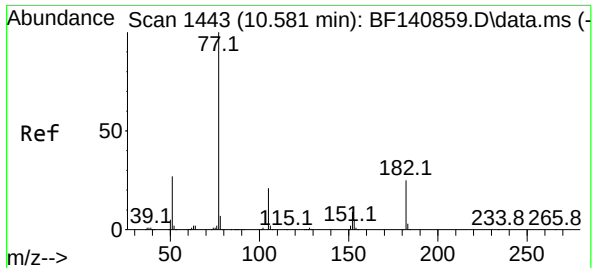
Tgt Ion:204 Resp: 268448
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.5 50.0 75.0



#62
4-Nitroaniline
Concen: 49.370 ng m
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:138 Resp: 119896
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 79.8 64.1 104.1

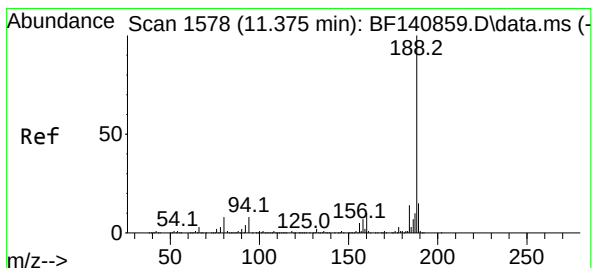
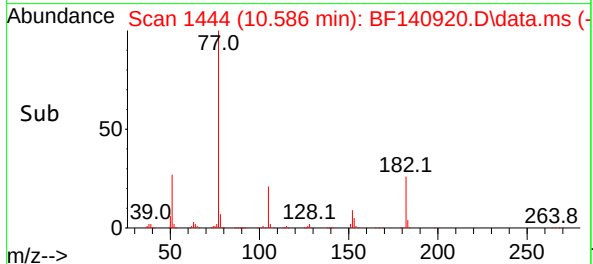
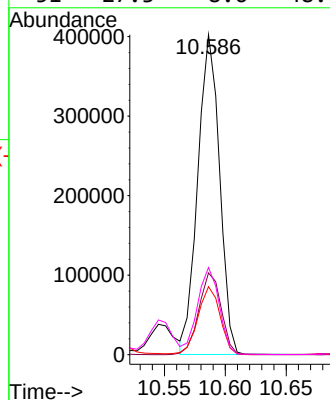
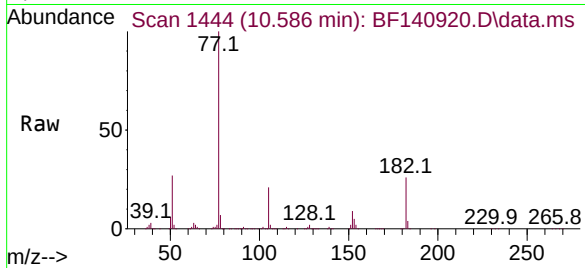




#63
Azobenzene
Concen: 50.073 ng
RT: 10.586 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

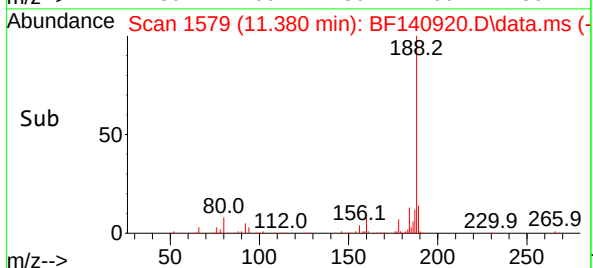
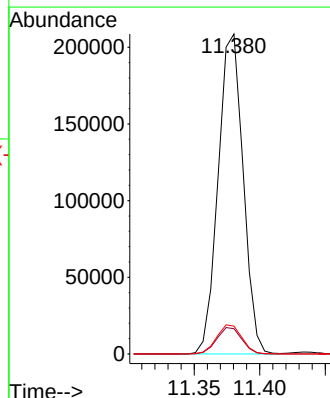
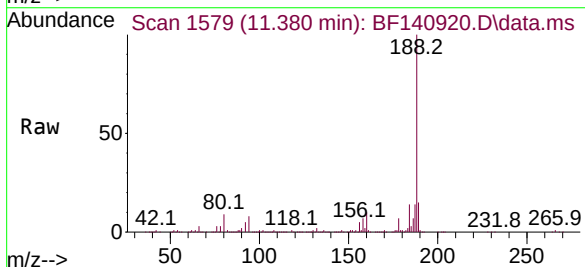
Instrument :
BNA_F
ClientSampleId :
PB165719BS

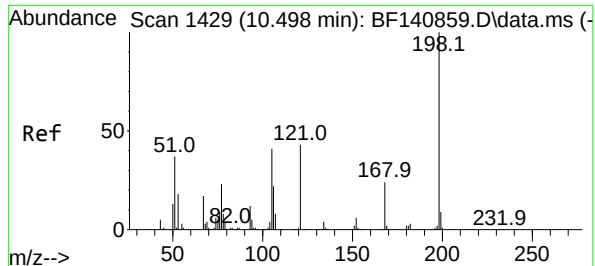
Tgt Ion: 77 Resp: 500037
Ion Ratio Lower Upper
77 100
182 25.5 4.5 44.5
105 21.3 0.9 40.9
51 27.3 8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion: 188 Resp: 276523
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.7 6.8 10.2

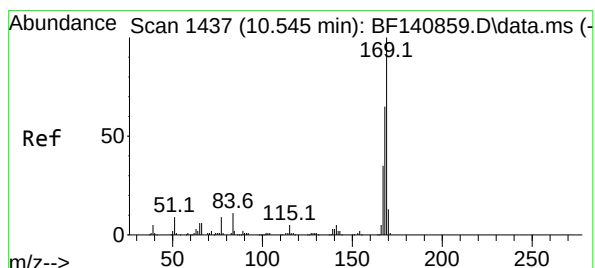
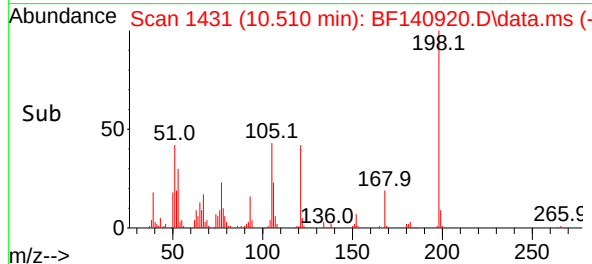
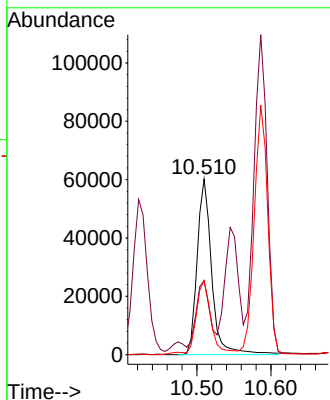
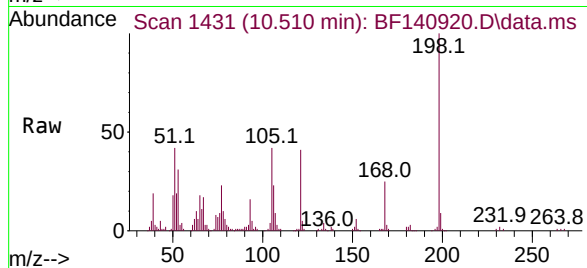




#65
4,6-Dinitro-2-methylphenol
Concen: 52.516 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

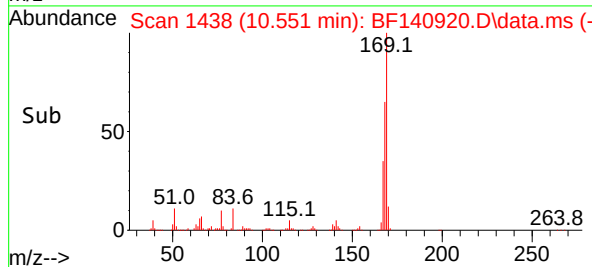
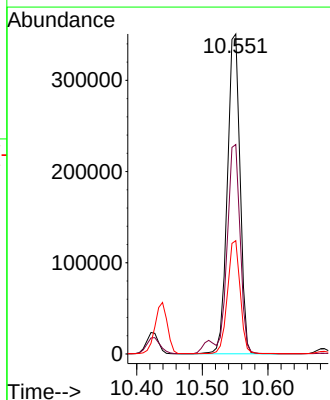
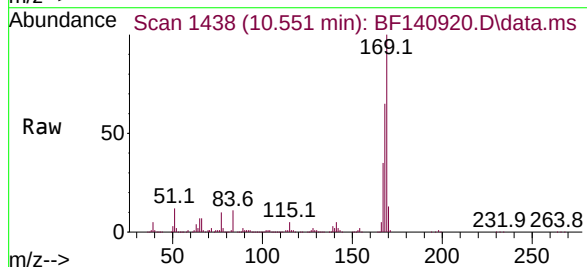
Instrument :
BNA_F
ClientSampleId :
PB165719BS

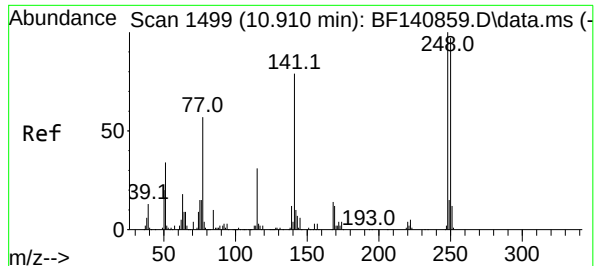
Tgt Ion:198 Resp: 82289
Ion Ratio Lower Upper
198 100
51 42.1 24.4 64.4
105 42.1 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 55.243 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:169 Resp: 469665
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.4 28.3 42.5





#67

4-Bromophenyl-phenylether

Concen: 52.835 ng

RT: 10.916 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

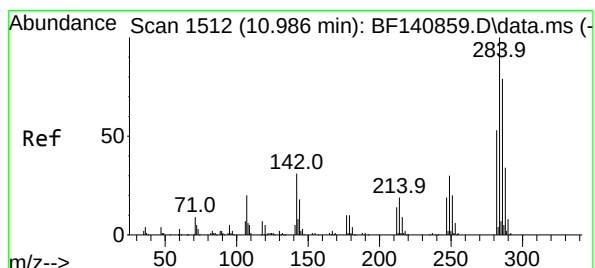
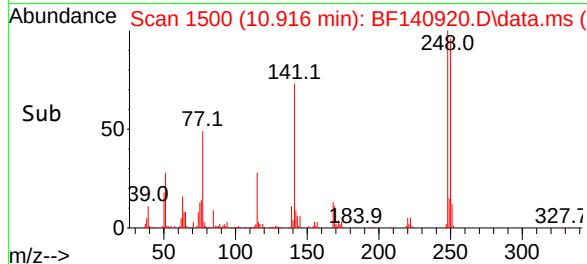
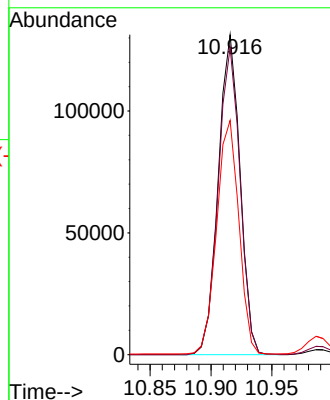
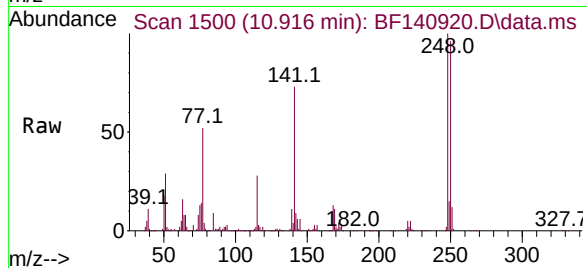
Tgt Ion:248 Resp: 163446

Ion Ratio Lower Upper

248 100

250 96.0 77.4 116.2

141 73.2 62.9 94.3



#68

Hexachlorobenzene

Concen: 53.566 ng

RT: 10.992 min Scan# 1513

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

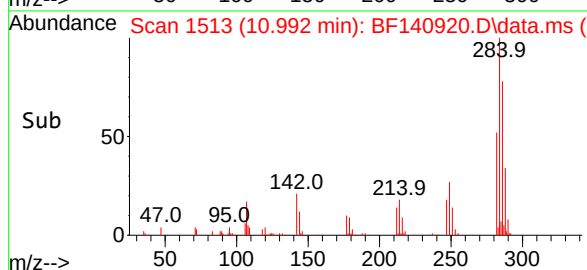
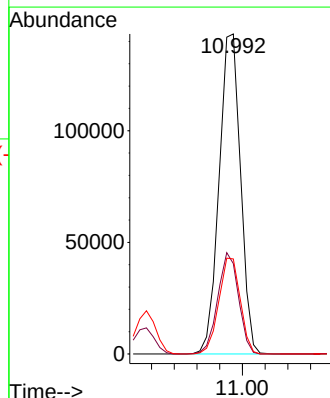
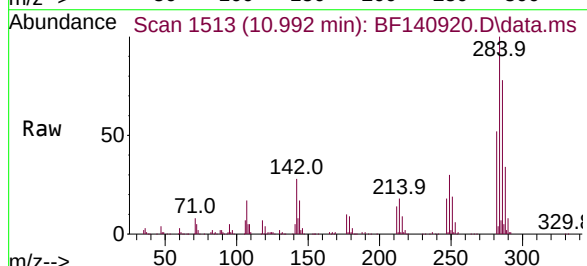
Tgt Ion:284 Resp: 187878

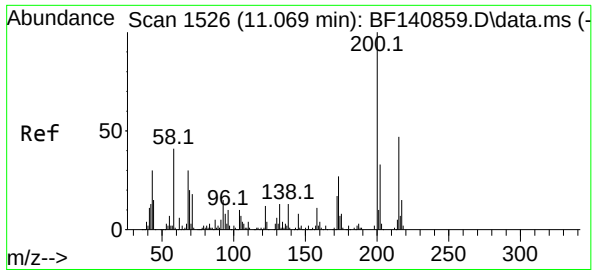
Ion Ratio Lower Upper

284 100

142 28.2 24.6 36.8

249 29.7 24.3 36.5

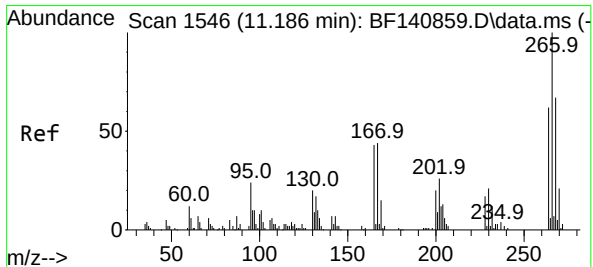
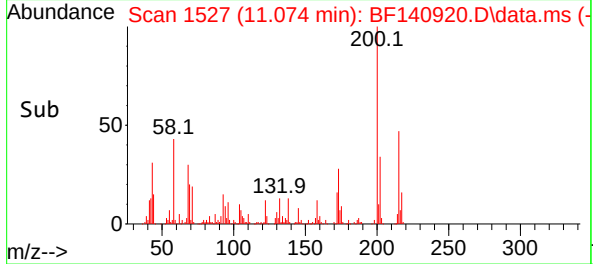
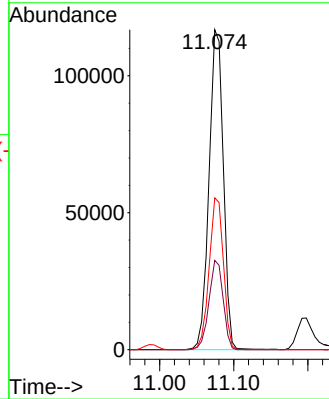
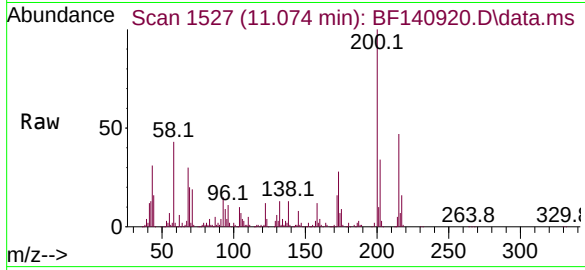




#69
Atrazine
Concen: 66.071 ng
RT: 11.074 min Scan# 1526
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

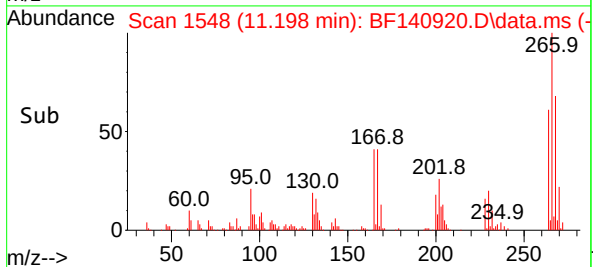
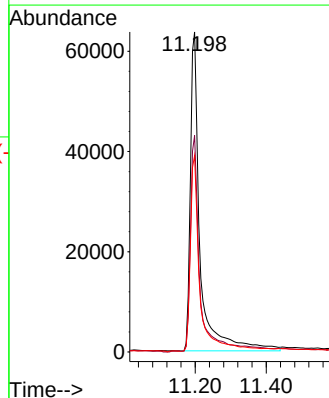
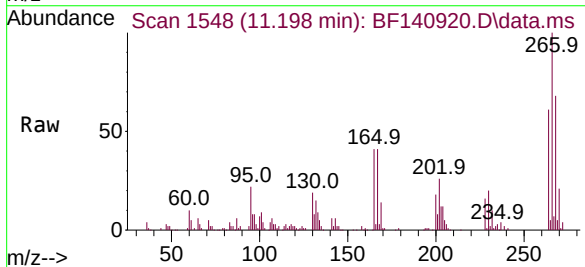
Instrument :
BNA_F
ClientSampleId :
PB165719BS

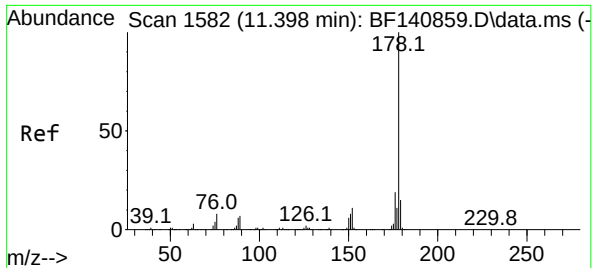
Tgt Ion:200 Resp: 156884
Ion Ratio Lower Upper
200 100
173 27.9 6.6 46.6
215 47.5 26.7 66.7



#70
Pentachlorophenol
Concen: 95.062 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:266 Resp: 121901
Ion Ratio Lower Upper
266 100
268 67.6 54.0 81.0
264 61.3 49.4 74.2

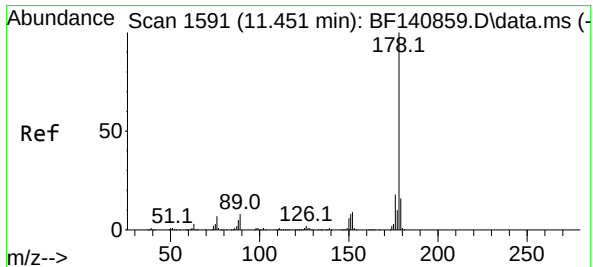
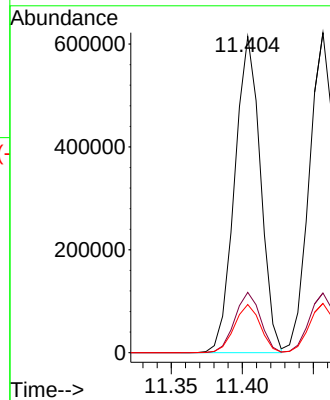
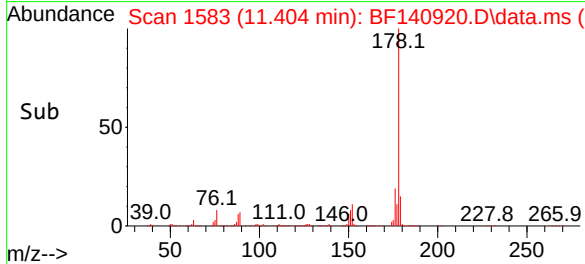
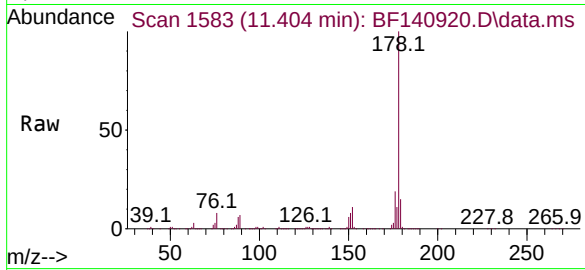




#71
Phenanthrene
Concen: 54.509 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

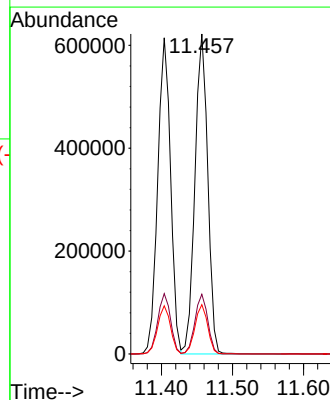
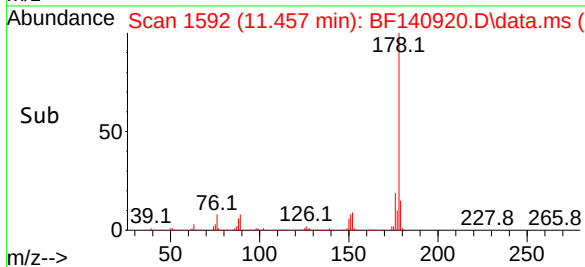
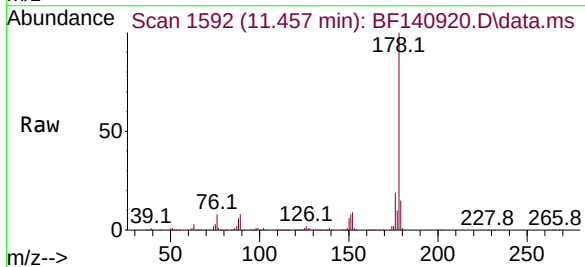
Instrument :
BNA_F
ClientSampleId :
PB165719BS

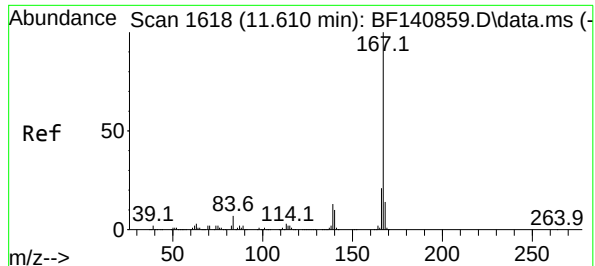
Tgt Ion:178 Resp: 775119
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.1 18.1



#72
Anthracene
Concen: 55.782 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:178 Resp: 781166
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.4 12.6 18.8

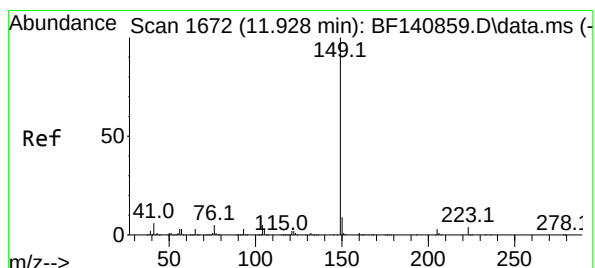
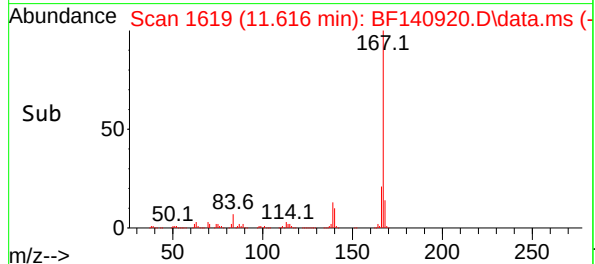
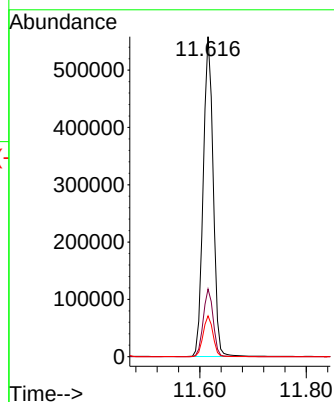
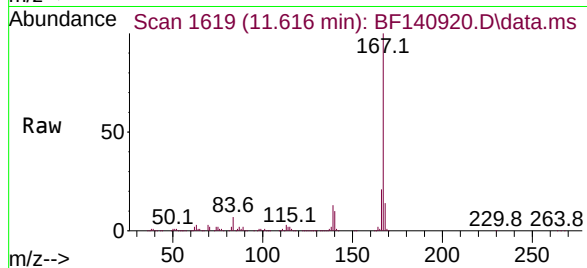




#73
Carbazole
Concen: 52.716 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

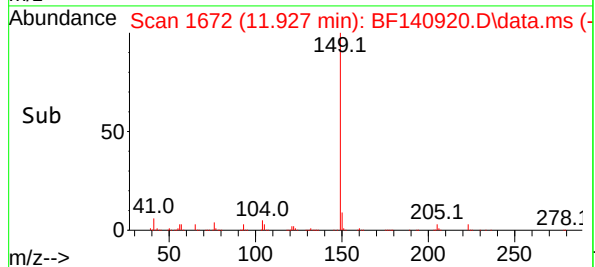
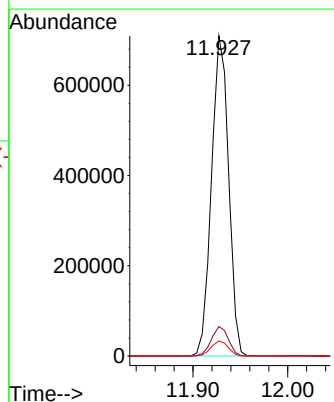
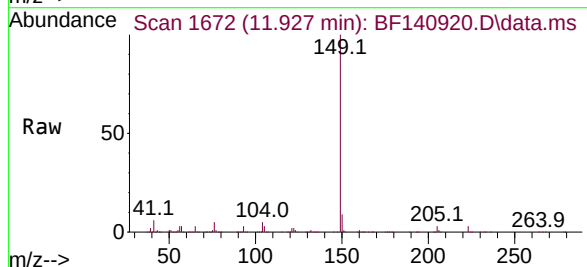
Instrument :
BNA_F
ClientSampleId :
PB165719BS

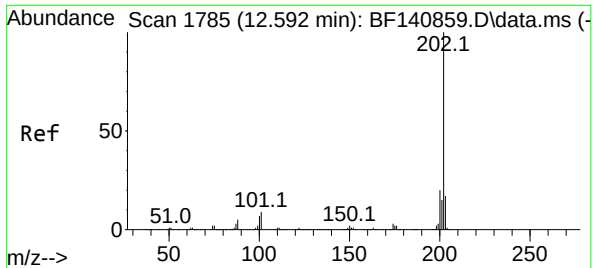
Tgt Ion:167 Resp: 723083
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 55.205 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:149 Resp: 888683
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 3.8 5.8

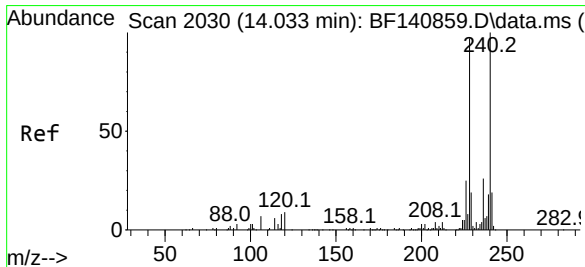
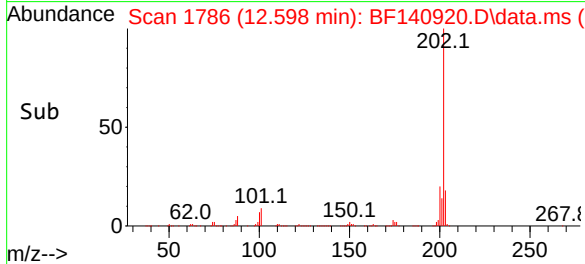
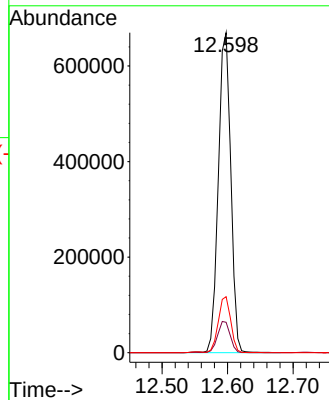
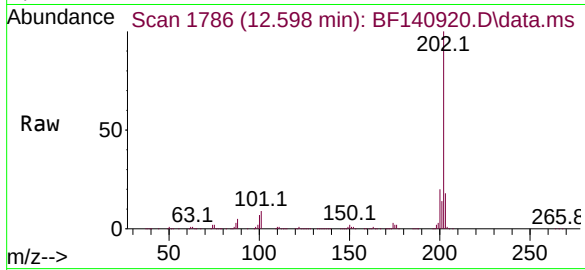




#75
Fluoranthene
Concen: 53.617 ng
RT: 12.598 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

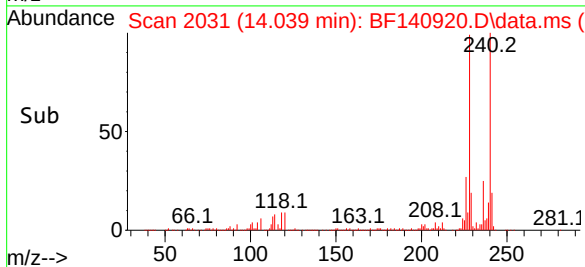
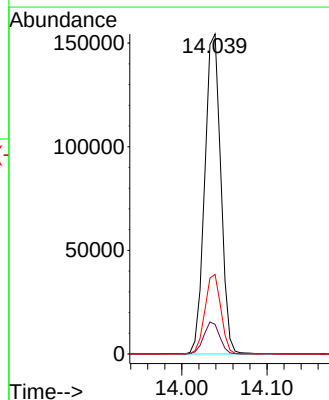
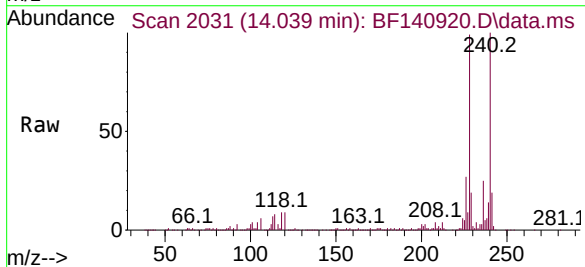
Instrument :
BNA_F
ClientSampleId :
PB165719BS

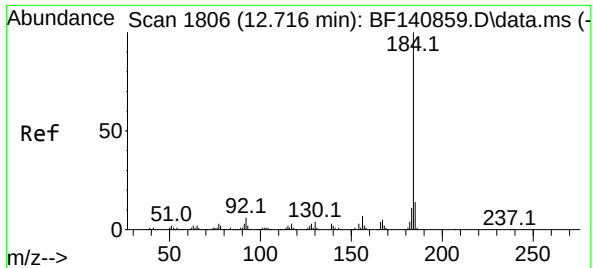
Tgt Ion:202 Resp: 878064
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:240 Resp: 202160
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 24.8 20.5 30.7

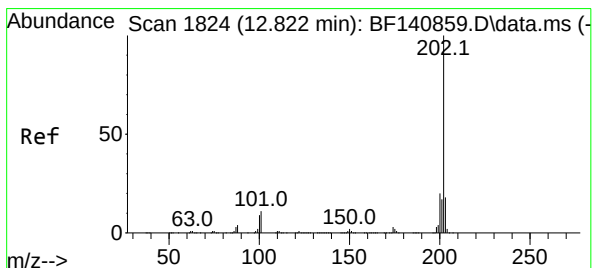
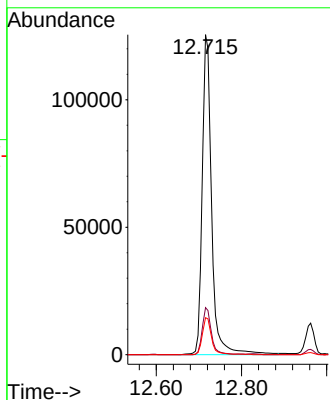
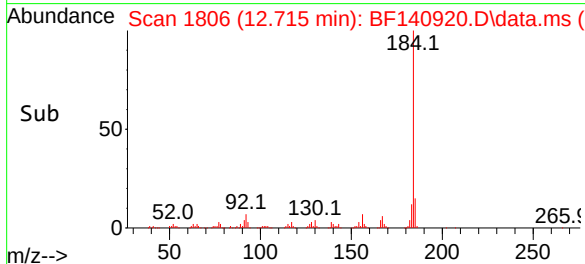
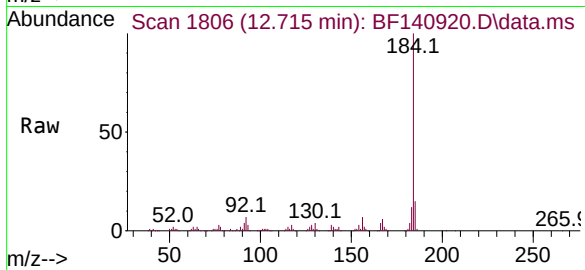




#77
Benzidine
Concen: 46.804 ng
RT: 12.715 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

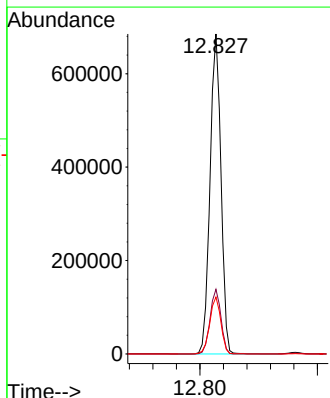
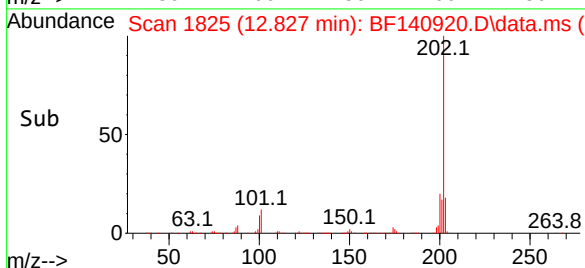
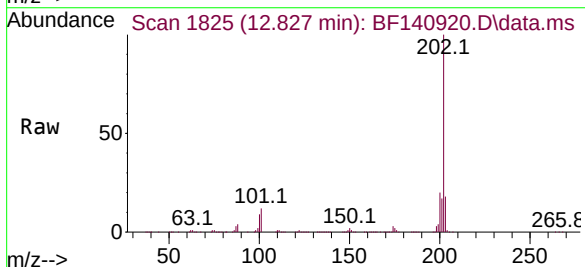
Instrument :
BNA_F
ClientSampleId :
PB165719BS

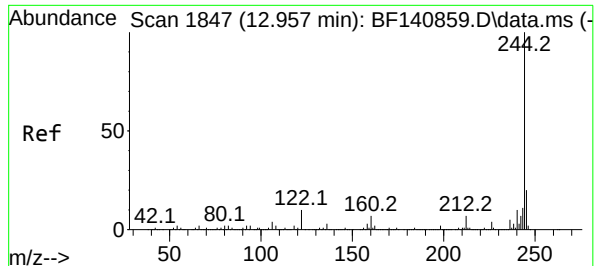
Tgt Ion:184 Resp: 193115
Ion Ratio Lower Upper
184 100
185 14.7 11.1 16.7
183 11.5 9.0 13.4



#78
Pyrene
Concen: 49.216 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:202 Resp: 884761
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 102.132 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

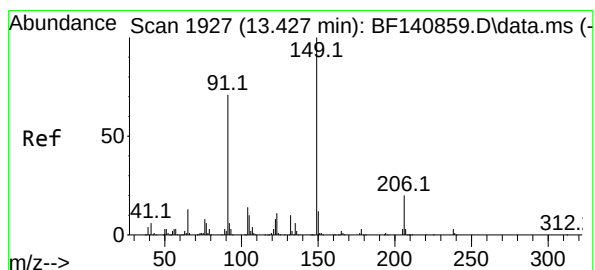
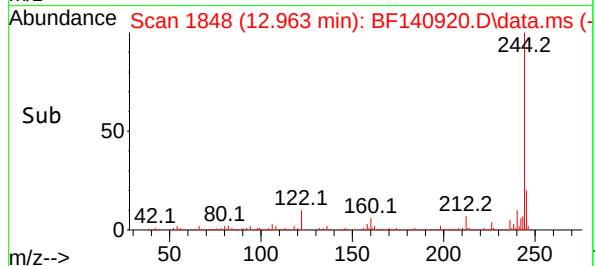
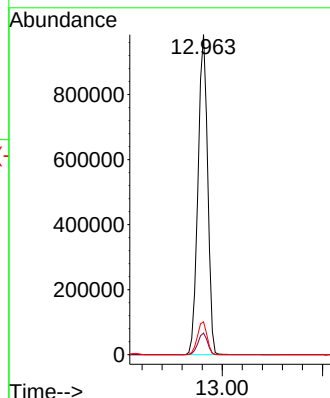
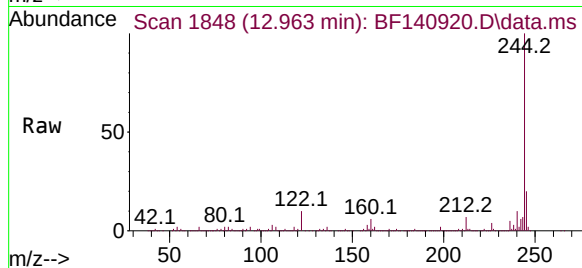
Tgt Ion:244 Resp: 1309363

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 54.792 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

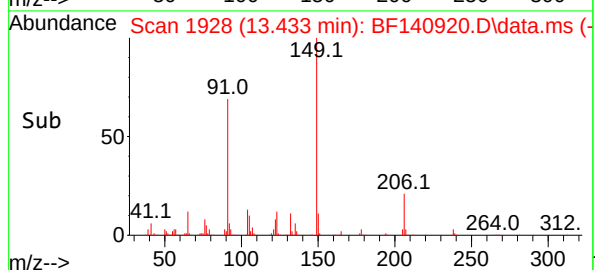
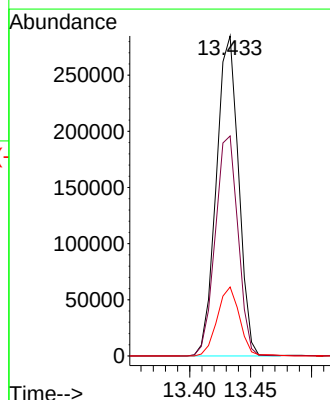
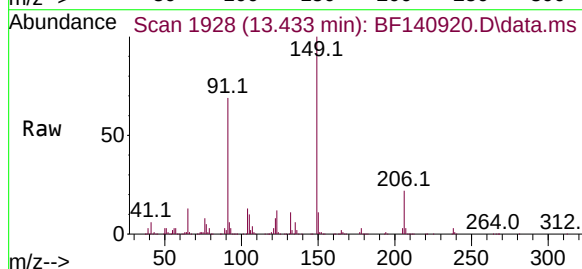
Tgt Ion:149 Resp: 362433

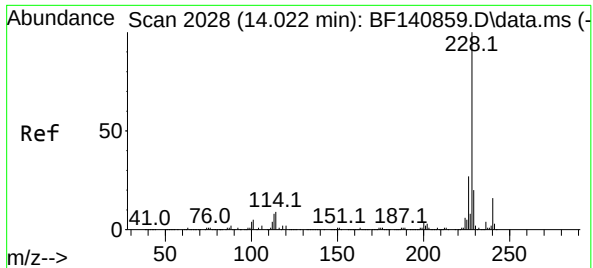
Ion Ratio Lower Upper

149 100

91 68.8 56.7 85.1

206 21.6 16.4 24.6

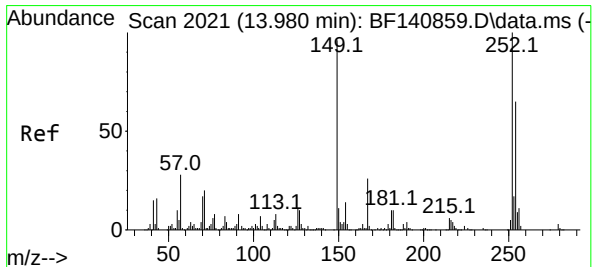
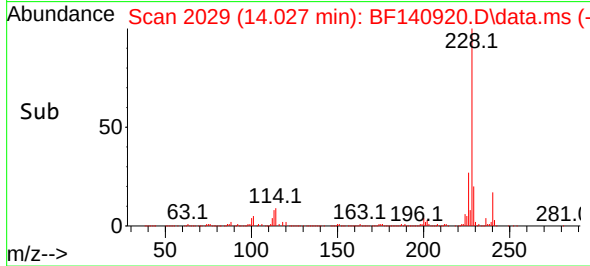
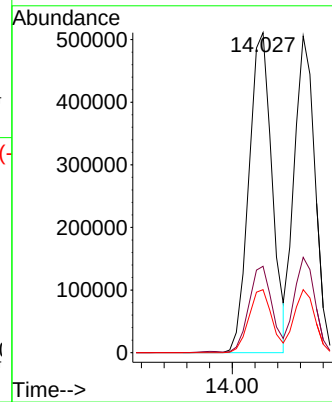
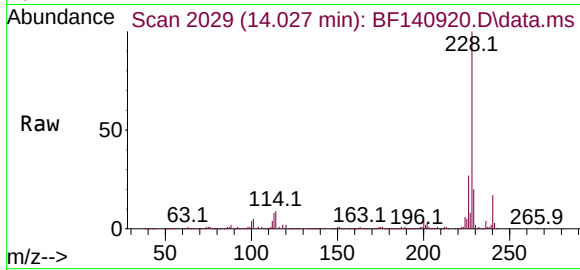




#81
Benzo(a)anthracene
Concen: 50.472 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

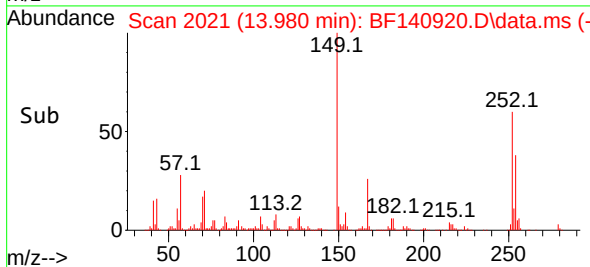
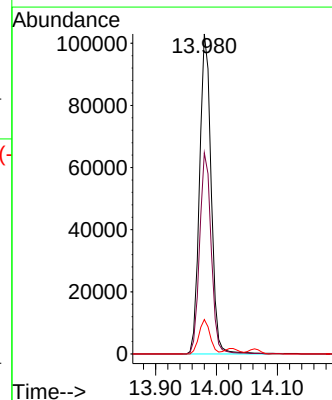
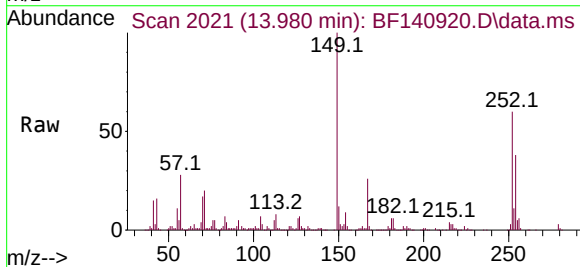
Instrument :
BNA_F
ClientSampleId :
PB165719BS

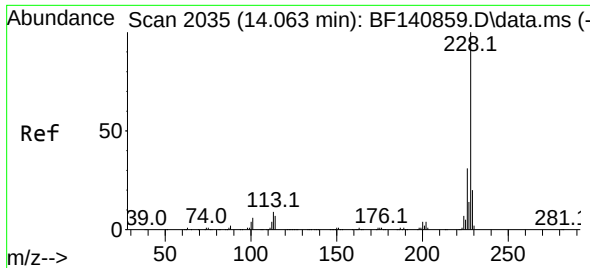
Tgt Ion:228 Resp: 723148
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 31.481 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140920.D
Acq: 19 Dec 2024 12:30

Tgt Ion:252 Resp: 136085
Ion Ratio Lower Upper
252 100
254 62.8 52.3 78.5
126 10.7 8.4 12.6





#83

Chrysene

Concen: 49.095 ng

RT: 14.062 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

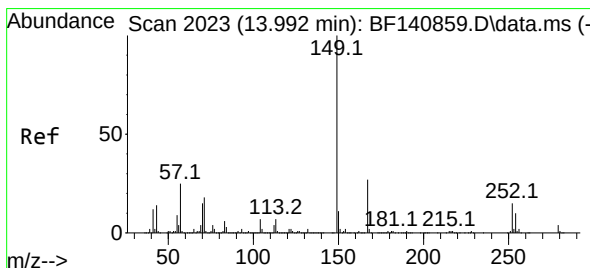
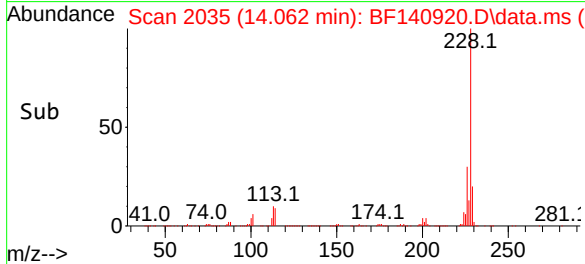
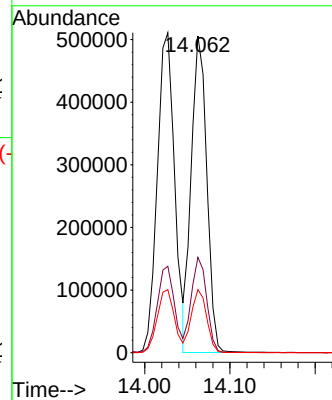
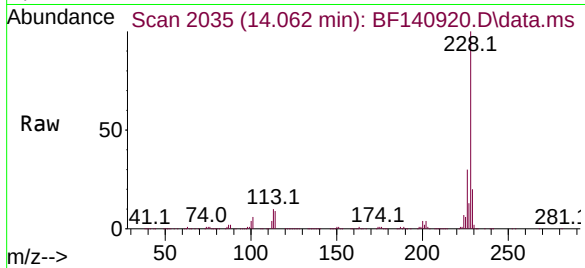
Tgt Ion:228 Resp: 639647

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.952 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

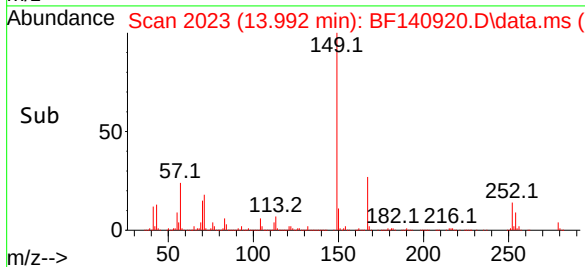
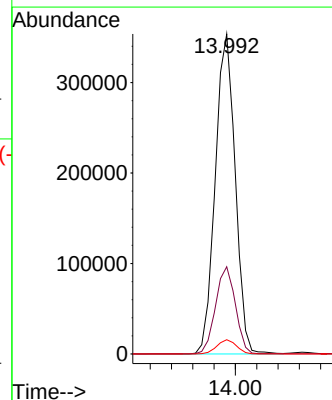
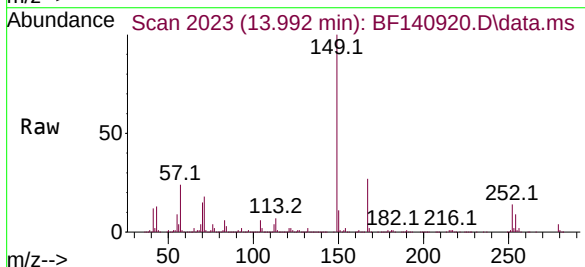
Tgt Ion:149 Resp: 460166

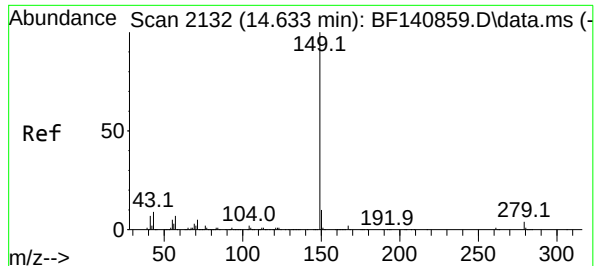
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.271 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

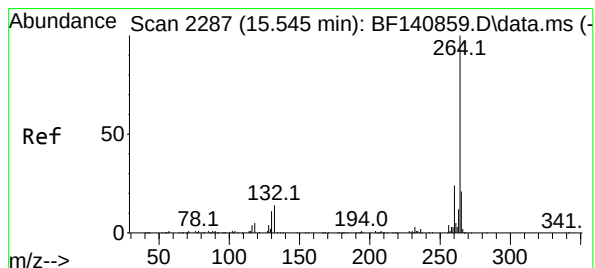
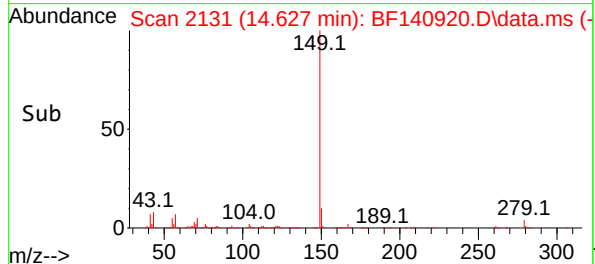
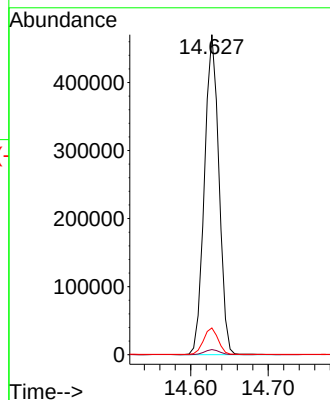
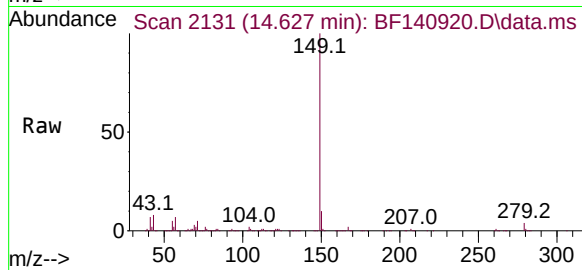
Tgt Ion:149 Resp: 609980

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

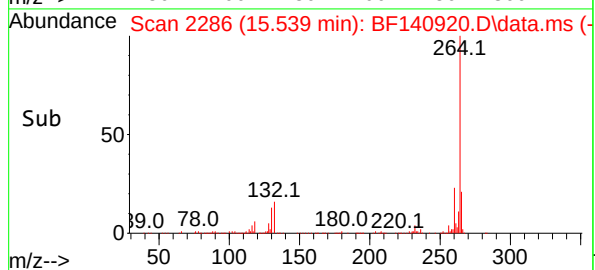
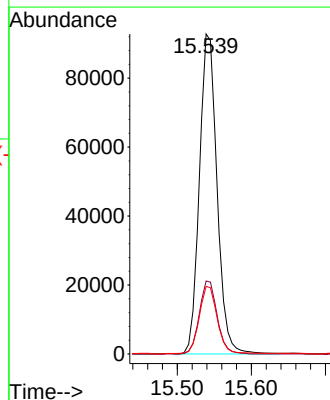
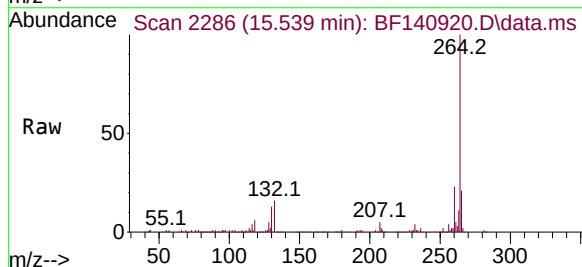
Tgt Ion:264 Resp: 153304

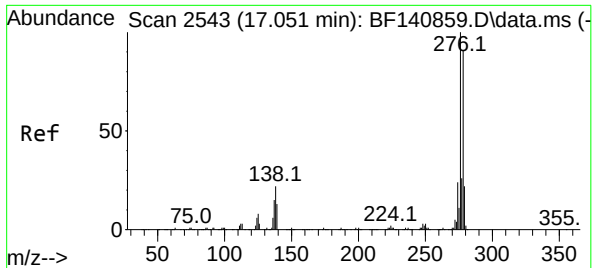
Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.900 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

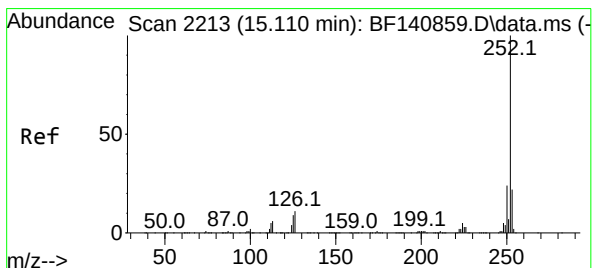
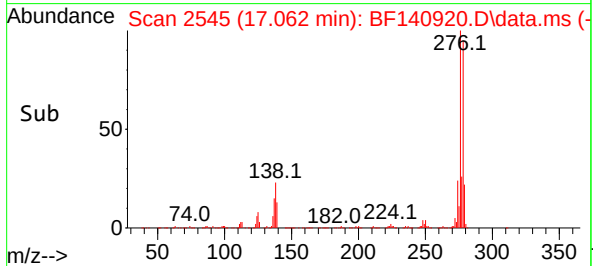
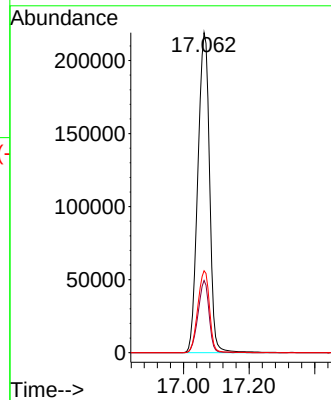
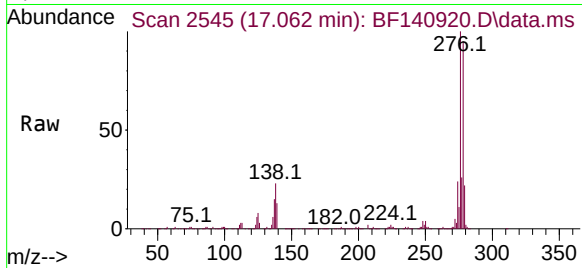
Tgt Ion:276 Resp: 544345

Ion Ratio Lower Upper

276 100

138 21.0 16.9 25.3

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.097 ng

RT: 15.109 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

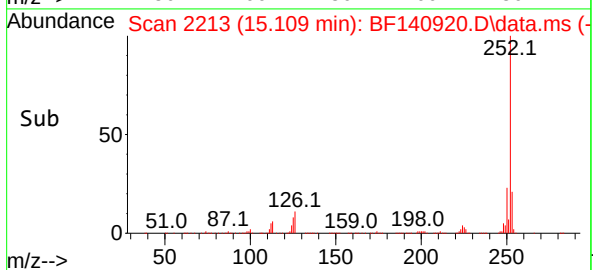
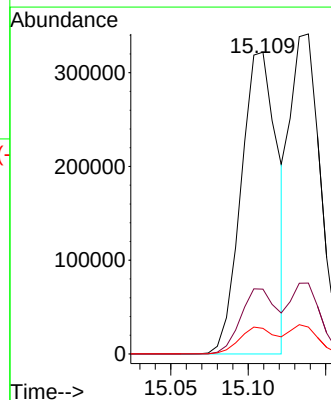
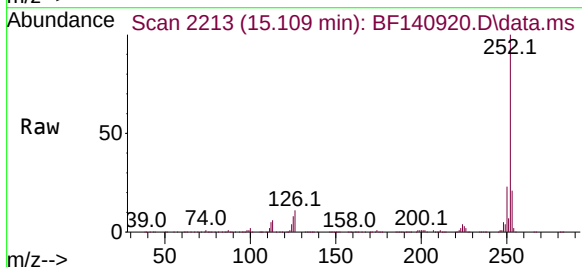
Tgt Ion:252 Resp: 522468

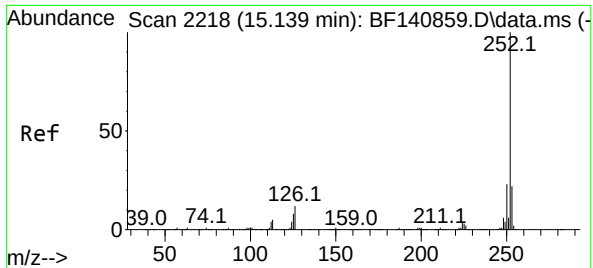
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 50.887 ng

RT: 15.139 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

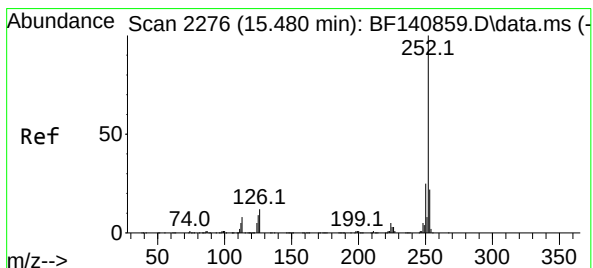
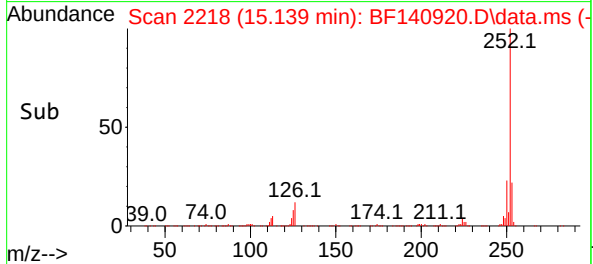
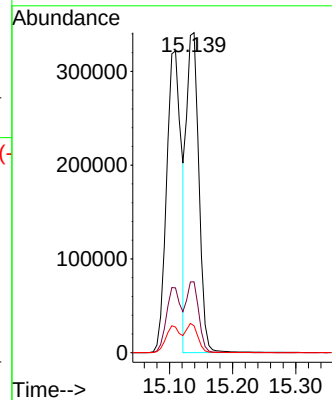
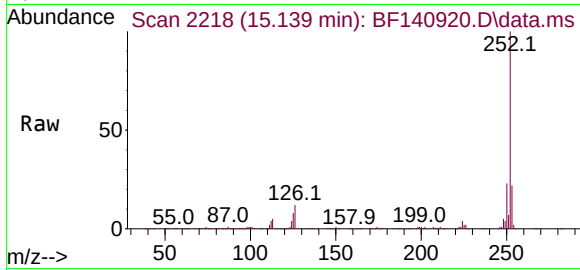
Tgt Ion:252 Resp: 464512

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 8.4 6.8 10.2



#90

Benzo(a)pyrene

Concen: 54.870 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

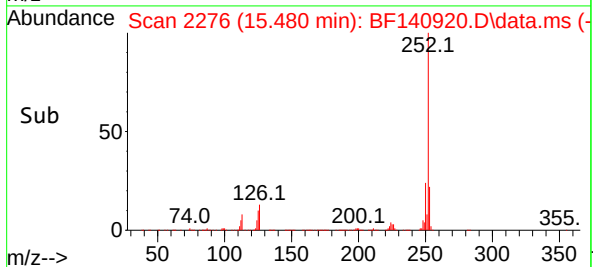
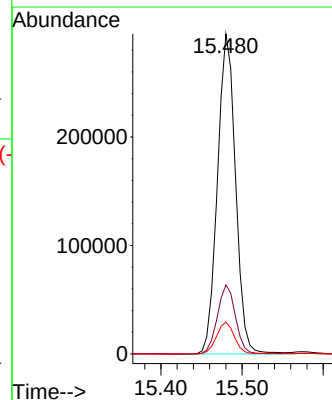
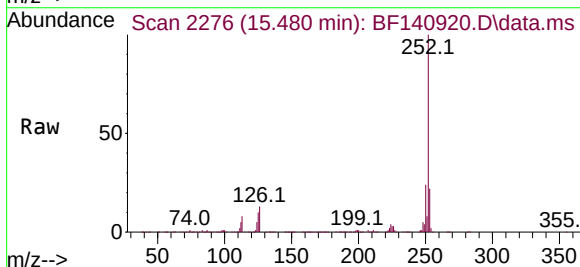
Tgt Ion:252 Resp: 457218

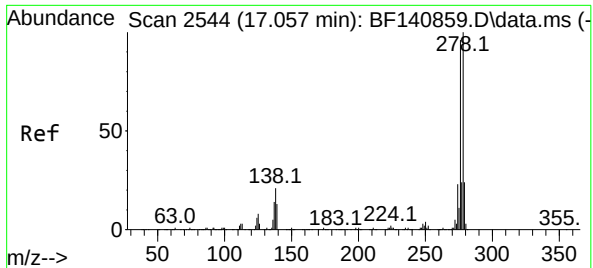
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.9 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 56.329 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB165719BS

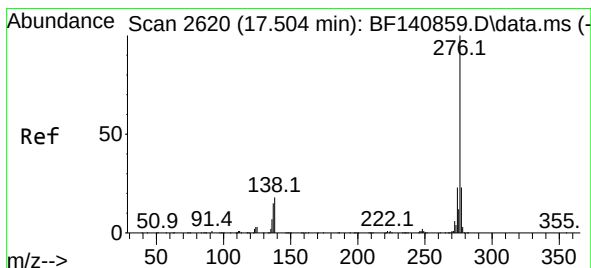
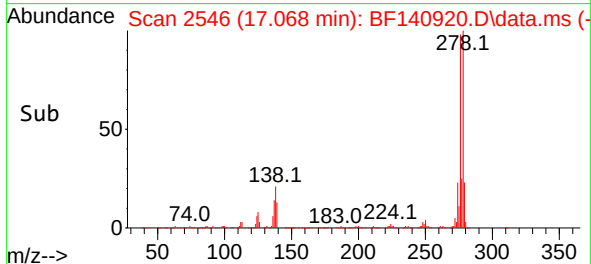
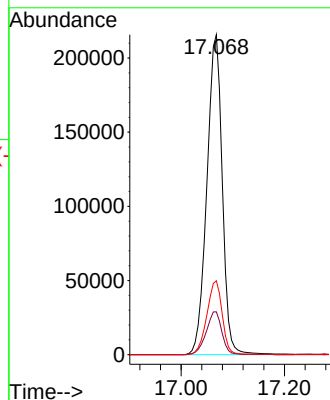
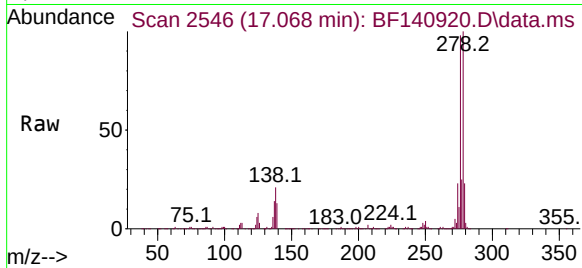
Tgt Ion:278 Resp: 446441

Ion Ratio Lower Upper

278 100

139 13.4 10.6 16.0

279 23.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 52.182 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.012 min

Lab File: BF140920.D

Acq: 19 Dec 2024 12:30

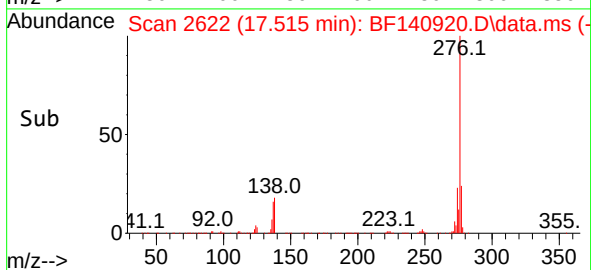
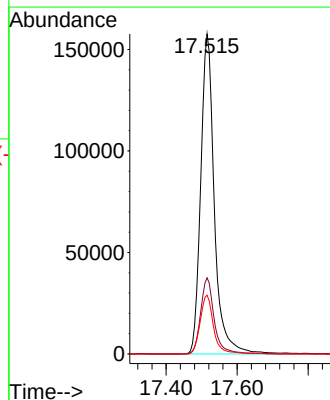
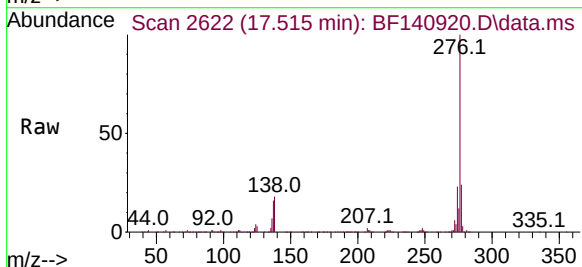
Tgt Ion:276 Resp: 420924

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.4 14.2 21.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	WC-20241213MS	SDG No.:	P5291
Lab Sample ID:	P5291-13MS	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140926.D	1	12/18/24 10:00	12/19/24 15:13	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	300		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	510		8.40	50.0	ug/L
95-48-7	2-Methylphenol	510		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	520		11.5	100	ug/L
67-72-1	Hexachloroethane	550		10.1	50.0	ug/L
98-95-3	Nitrobenzene	500		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	480		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	600		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	890	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	144		10 - 139	96%	SPK: 150
13127-88-3	Phenol-d6	131		10 - 134	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		52 - 132	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	136		44 - 137	91%	SPK: 150
1718-51-0	Terphenyl-d14	108		48 - 125	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	53300		6.851		
1146-65-2	Naphthalene-d8	219000		8.128		
15067-26-2	Acenaphthene-d10	122000		9.886		
1517-22-2	Phenanthrene-d10	198000		11.375		
1719-03-5	Chrysene-d12	126000		14.027		
1520-96-3	Perylene-d12	92900		15.527		

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue		Date Received:	12/16/24
Client Sample ID:	WC-20241213MS		SDG No.:	P5291
Lab Sample ID:	P5291-13MS		Matrix:	TCLP
Analytical Method:	SW8270		% Solid:	0
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140926.D	1	12/18/24 10:00	12/19/24 15:13	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF121924\
 Data File : BF140926.D
 Acq On : 19 Dec 2024 15:13
 Operator : RC/JU
 Sample : P5291-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MS

Quant Time: Dec 19 16:07:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	53334	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	219250	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	121709	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	198273	20.000	ng	0.00
76) Chrysene-d12	14.027	240	126402	20.000	ng	0.00
86) Perylene-d12	15.527	264	92913	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	467579	144.321	ng	0.01
7) Phenol-d6	6.504	99	561162	130.770	ng	0.00
23) Nitrobenzene-d5	7.416	82	451288	102.980	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	196413	136.448	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	914273	103.278	ng	0.00
79) Terphenyl-d14	12.957	244	868398	108.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	66666	47.772	ng	99
3) Pyridine	3.452	79	97664	30.219	ng	98
4) n-Nitrosodimethylamine	3.387	42	86815	53.286	ng	91
6) Aniline	6.522	93	36693	10.001	ng	# 1
8) 2-Chlorophenol	6.645	128	189067	53.514	ng	99
9) Benzaldehyde	6.416	77	12991	5.464	ng	89
10) Phenol	6.516	94	199550	44.868	ng	81
11) bis(2-Chloroethyl)ether	6.587	93	178768	53.898	ng	98
12) 1,3-Dichlorobenzene	6.792	146	207944	51.652	ng	97
13) 1,4-Dichlorobenzene	6.869	146	209750	51.327	ng	99
14) 1,2-Dichlorobenzene	7.016	146	201603	52.287	ng	98
15) Benzyl Alcohol	6.998	79	145976	47.577	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	218254	55.859	ng	94
17) 2-Methylphenol	7.122	107	144398	51.192	ng	98
18) Hexachloroethane	7.351	117	83261	54.730	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	141284	54.887	ng	99
20) 3+4-Methylphenols	7.275	107	195795	52.347	ng	# 80
22) Acetophenone	7.263	105	276180	50.355	ng	95
24) Nitrobenzene	7.434	77	222671	49.598	ng	98
25) Isophorone	7.675	82	406704	55.389	ng	99
26) 2-Nitrophenol	7.751	139	115652	55.932	ng	96
27) 2,4-Dimethylphenol	7.792	122	155402	64.355	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	241148	52.583	ng	98
29) 2,4-Dichlorophenol	8.004	162	175518	52.648	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	189919	49.694	ng	100
31) Naphthalene	8.151	128	662575	55.015	ng	100
32) Benzoic acid	7.939	122	82867	36.184	ng	96
33) 4-Chloroaniline	8.234	127	47587	11.897	ng	98
34) Hexachlorobutadiene	8.263	225	127835	49.716	ng	100
35) Caprolactam	8.581	113	38950m	39.244	ng	
36) 4-Chloro-3-methylphenol	8.704	107	181314	48.321	ng	100
37) 2-Methylnaphthalene	8.839	142	414742	52.058	ng	100
38) 1-Methylnaphthalene	8.939	142	391651	49.708	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	205974	55.060	ng	99
41) Hexachlorocyclopentadiene	8.992	237	81364	67.749	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	120077	52.421	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140926.D
 Acq On : 19 Dec 2024 15:13
 Operator : RC/JU
 Sample : P5291-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MS

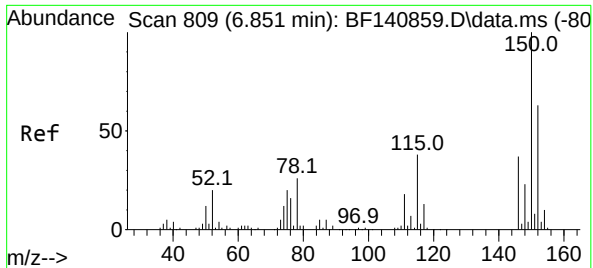
Quant Time: Dec 19 16:07:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	123793	49.169	ng	98
46) 1,1'-Biphenyl	9.304	154	519251	53.652	ng	99
47) 2-Chloronaphthalene	9.334	162	391202	52.837	ng	100
48) 2-Nitroaniline	9.439	65	105679	47.261	ng	95
49) Acenaphthylene	9.745	152	616133	56.627	ng	100
50) Dimethylphthalate	9.604	163	451022	52.562	ng	100
51) 2,6-Dinitrotoluene	9.681	165	97163	49.531	ng	90
52) Acenaphthene	9.916	154	379823	54.649	ng	99
53) 3-Nitroaniline	9.857	138	16054	8.247	ng	94
54) 2,4-Dinitrophenol	9.975	184	85129	88.211	ng	92
55) Dibenzofuran	10.092	168	565314	52.490	ng	99
56) 4-Nitrophenol	10.045	139	53154	52.384	ng	97
57) 2,4-Dinitrotoluene	10.086	165	124049	48.063	ng	97
58) Fluorene	10.433	166	447643	50.382	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101425	49.438	ng	98
60) Diethylphthalate	10.304	149	441425	49.610	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	225387	50.500	ng	97
62) 4-Nitroaniline	10.469	138	52452m	25.784	ng	
63) Azobenzene	10.580	77	374141	44.726	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	60315	53.684	ng	98
66) n-Nitrosodiphenylamine	10.545	169	244428	40.096	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	132729	59.838	ng	96
68) Hexachlorobenzene	10.986	284	150230	59.736	ng	100
69) Atrazine	11.069	200	20609	12.105	ng	99
70) Pentachlorophenol	11.192	266	81746	88.906	ng	100
71) Phenanthrene	11.398	178	600489	58.894	ng	99
72) Anthracene	11.451	178	610114	60.762	ng	99
73) Carbazole	11.610	167	327174	33.266	ng	99
74) Di-n-butylphthalate	11.927	149	616920	53.447	ng	99
75) Fluoranthene	12.592	202	548686	46.727	ng	100
77) Benzidine	12.739	184	5390m	2.089	ng	
78) Pyrene	12.822	202	581451	51.729	ng	100
80) Butylbenzylphthalate	13.427	149	220746	53.373	ng	98
81) Benzo(a)anthracene	14.016	228	491441	54.857	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	2181	0.807	ng	# 97
83) Chrysene	14.057	228	427461	52.473	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	313699	58.823	ng	100
85) Di-n-octyl phthalate	14.616	149	474503	58.812	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	519022	89.515	ng	100
88) Benzo(b)fluoranthene	15.092	252	478225	74.149	ng	100
89) Benzo(k)fluoranthene	15.121	252	449427	81.235	ng	99
90) Benzo(a)pyrene	15.463	252	409188	81.024	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	437789	91.141	ng	99
92) Benzo(g,h,i)perylene	17.498	276	418505	85.605	ng	99

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

Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

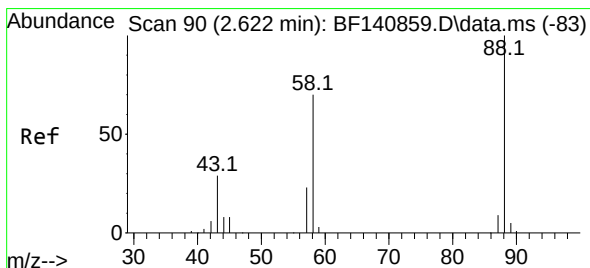
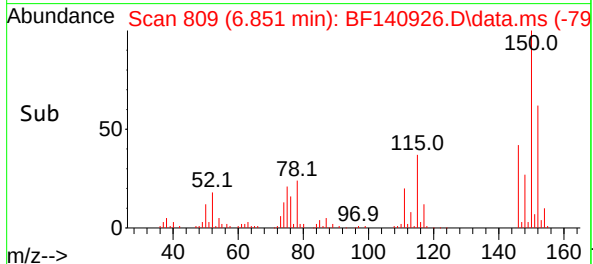
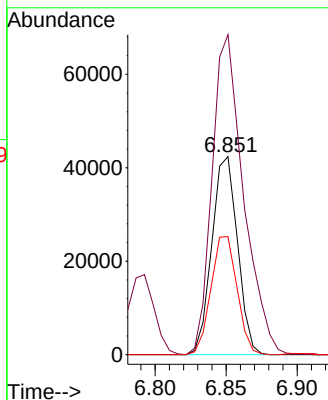
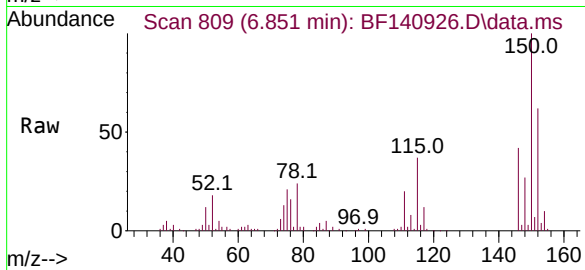
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

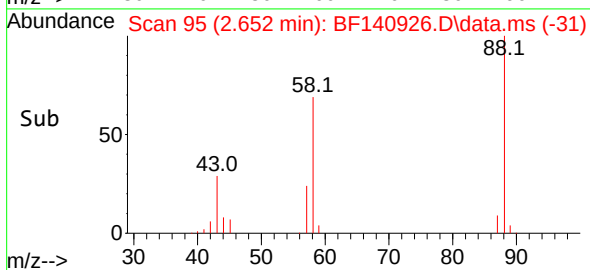
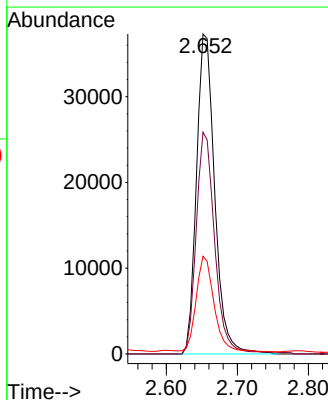
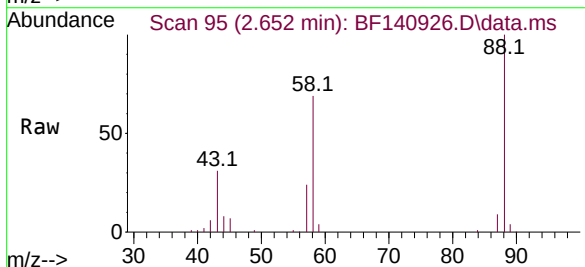
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

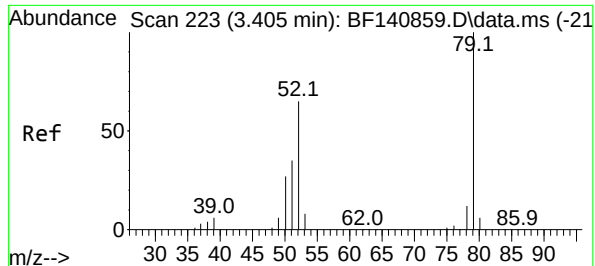
Tgt Ion:152 Resp: 53334
Ion Ratio Lower Upper
152 100
150 161.6 127.9 191.9
115 59.6 48.0 72.0



#2
1,4-Dioxane
Concen: 47.772 ng
RT: 2.652 min Scan# 95
Delta R.T. 0.029 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion: 88 Resp: 66666
Ion Ratio Lower Upper
88 100
58 70.7 55.8 83.8
43 29.6 22.7 34.1

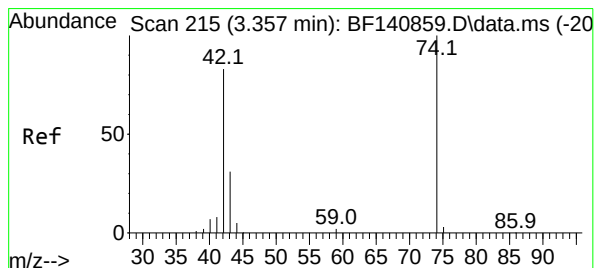
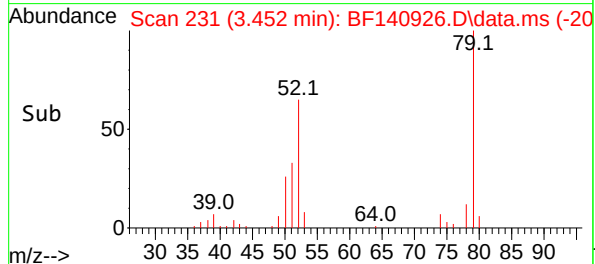
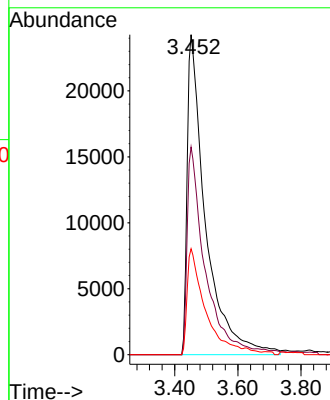
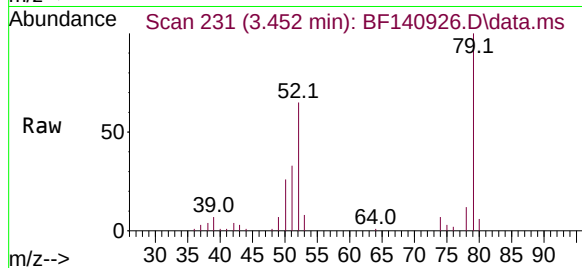




#3
Pyridine
Concen: 30.219 ng
RT: 3.452 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

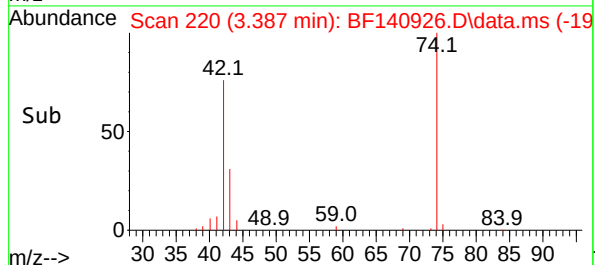
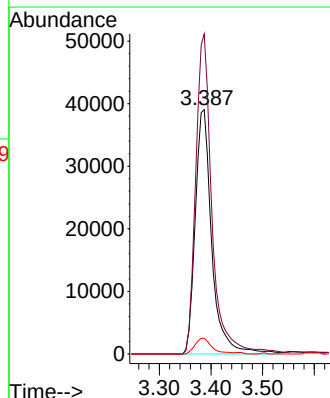
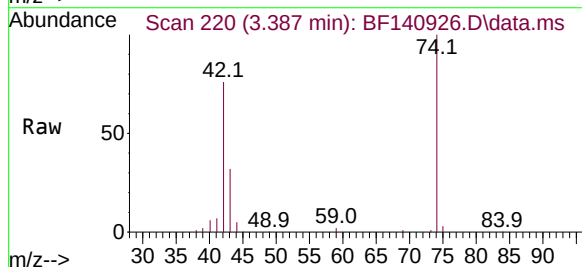
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

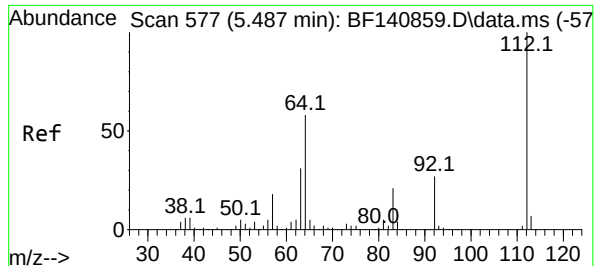
Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.9	51.7	77.5
51	33.1	28.2	42.4



#4
n-Nitrosodimethylamine
Concen: 53.286 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.029 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.0	96.9	145.3
44	6.4	4.4	6.6

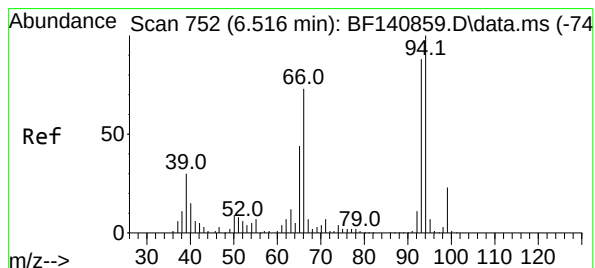
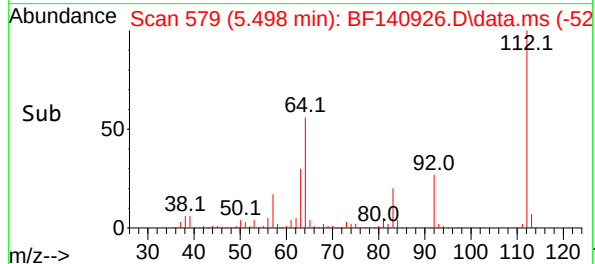
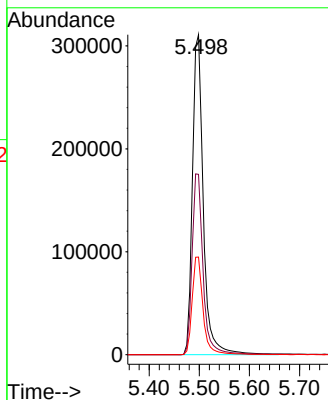
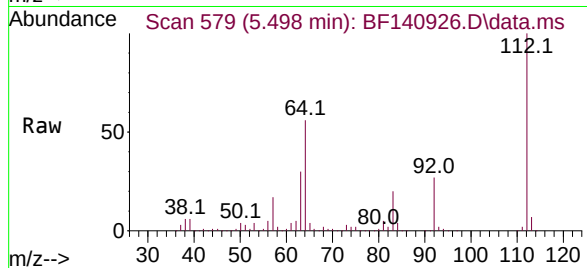




#5
2-Fluorophenol
Concen: 144.321 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

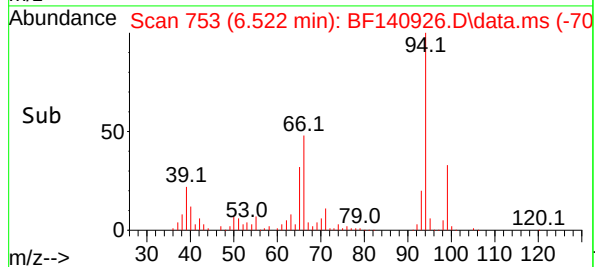
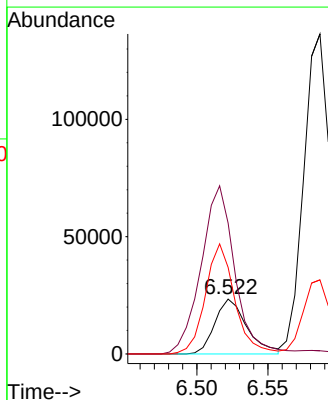
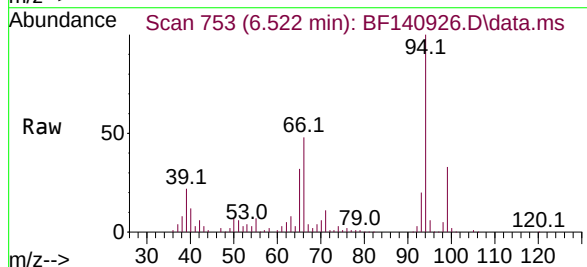
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

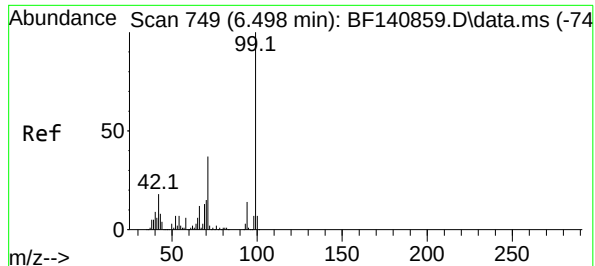
Tgt Ion:112 Resp: 467579
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 30.5 24.9 37.3



#6
Aniline
Concen: 10.001 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion: 93 Resp: 36693
Ion Ratio Lower Upper
93 100
66 238.4 67.0 100.4#
65 157.9 40.4 60.6#





#7

Phenol-d6

Concen: 130.770 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

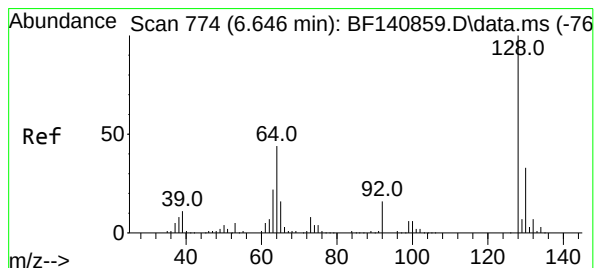
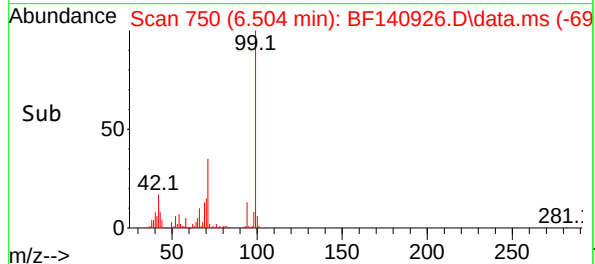
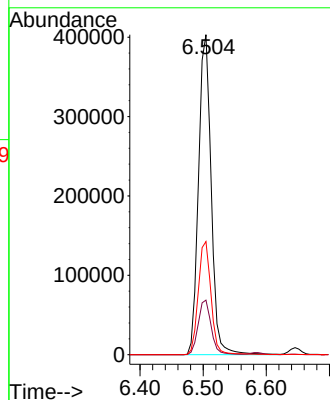
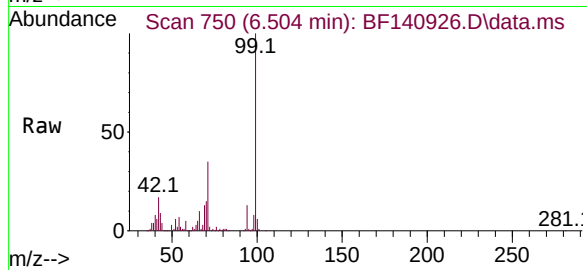
Tgt Ion: 99 Resp: 561162

Ion Ratio Lower Upper

99 100

42 17.0 14.3 21.5

71 35.4 29.9 44.9



#8

2-Chlorophenol

Concen: 53.514 ng

RT: 6.645 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

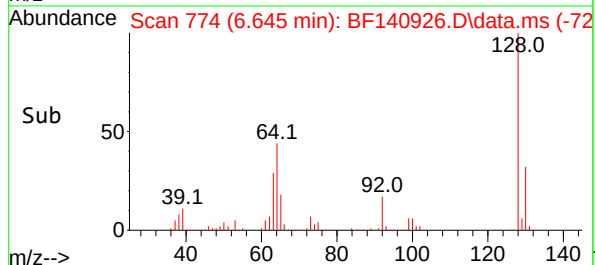
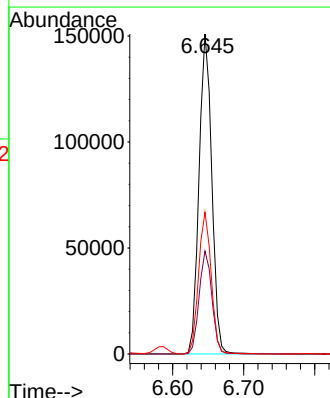
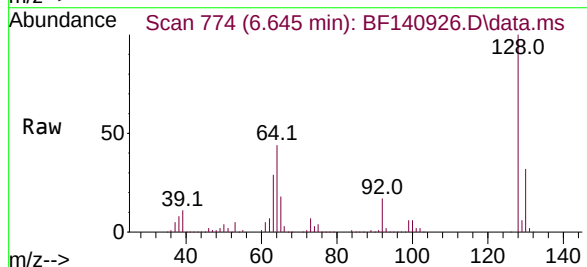
Tgt Ion:128 Resp: 189067

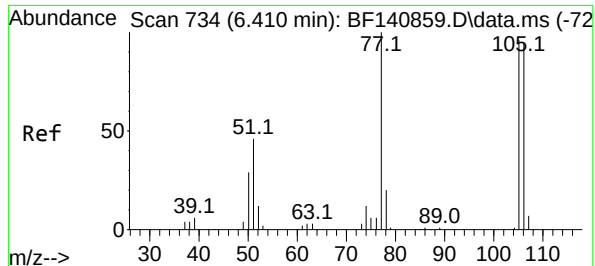
Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 5.464 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

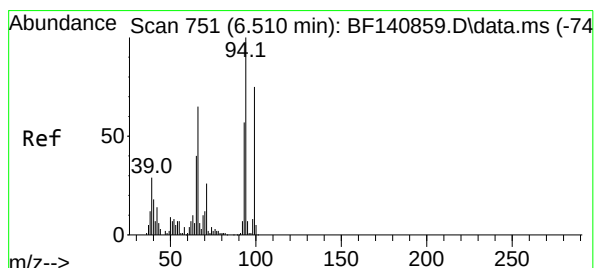
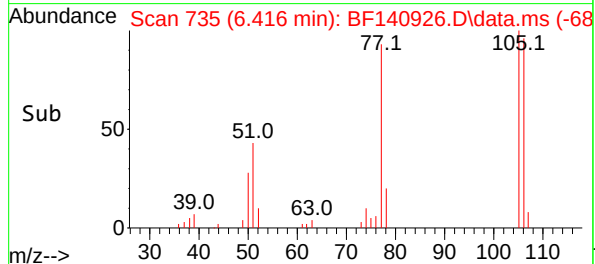
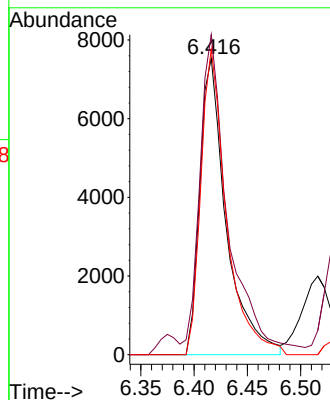
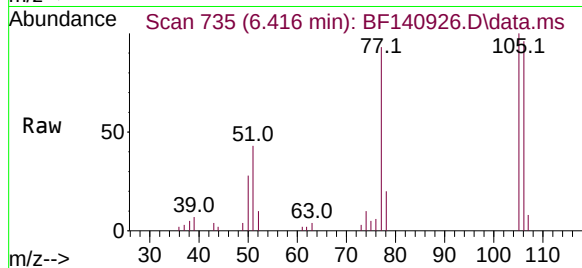
Tgt Ion: 77 Resp: 12991

Ion Ratio Lower Upper

77 100

105 108.0 75.8 115.8

106 103.2 74.1 114.1



#10

Phenol

Concen: 44.868 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

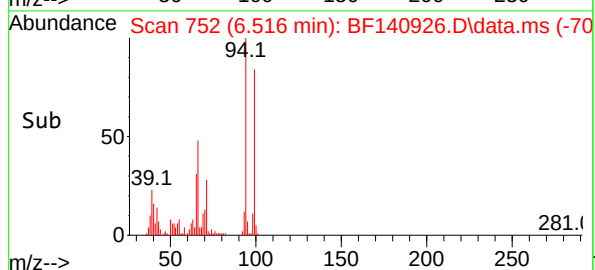
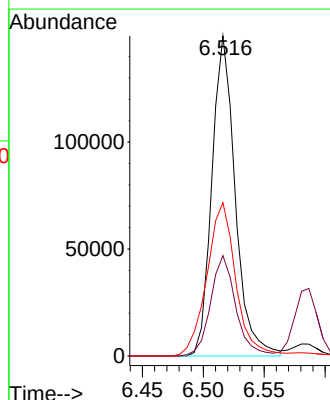
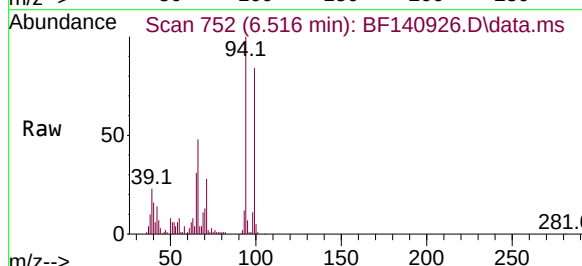
Tgt Ion: 94 Resp: 199550

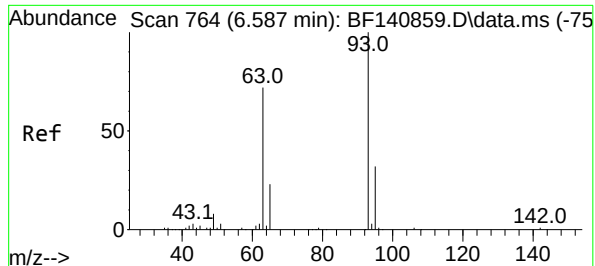
Ion Ratio Lower Upper

94 100

65 31.4 19.9 59.9

66 47.9 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 53.898 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

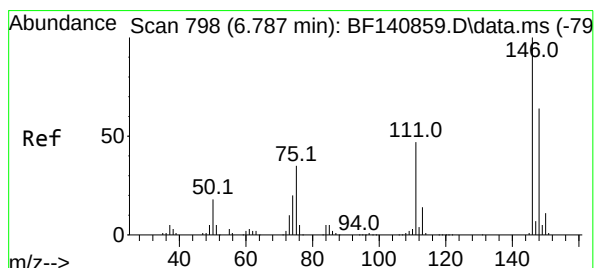
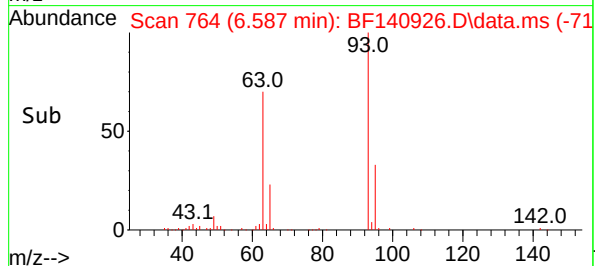
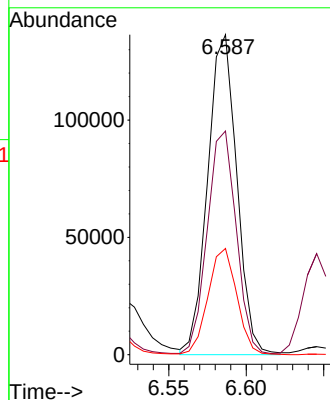
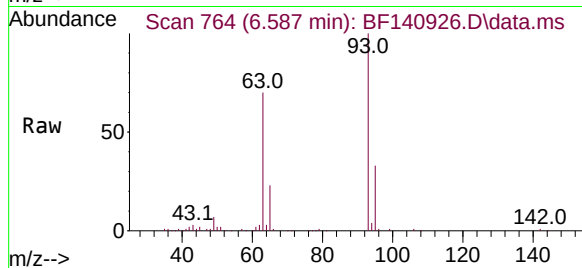
Tgt Ion: 93 Resp: 178768

Ion Ratio Lower Upper

93 100

63 69.9 51.0 91.0

95 33.2 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 51.652 ng

RT: 6.792 min Scan# 799

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

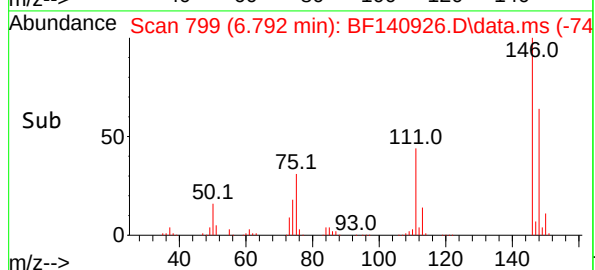
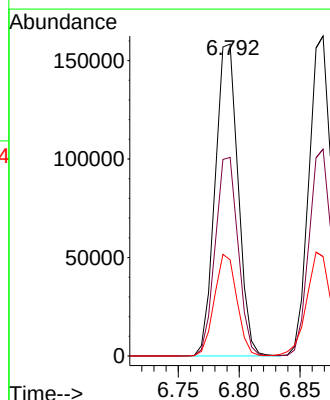
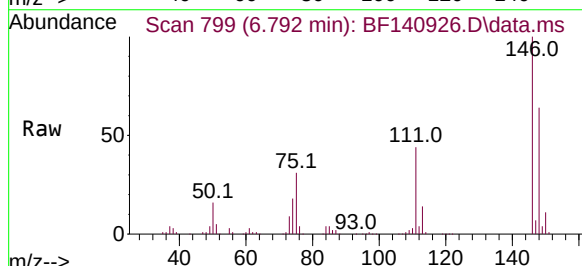
Tgt Ion:146 Resp: 207944

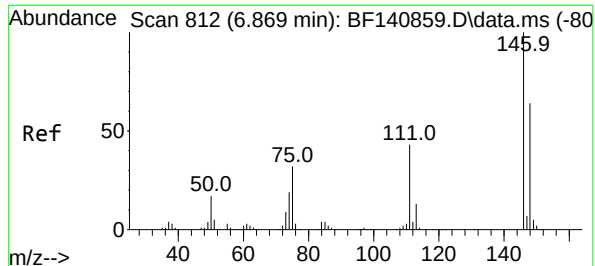
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

75 30.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 51.327 ng

RT: 6.869 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

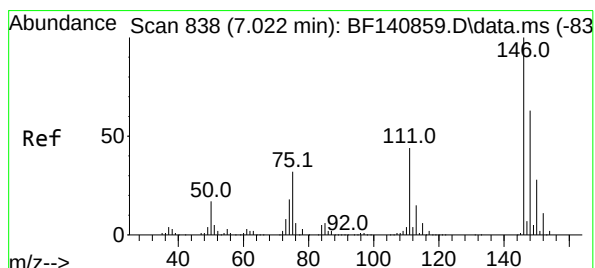
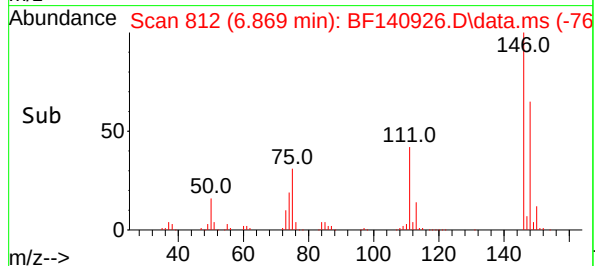
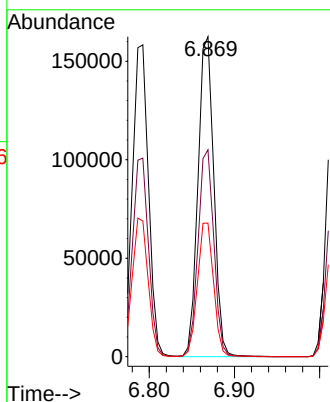
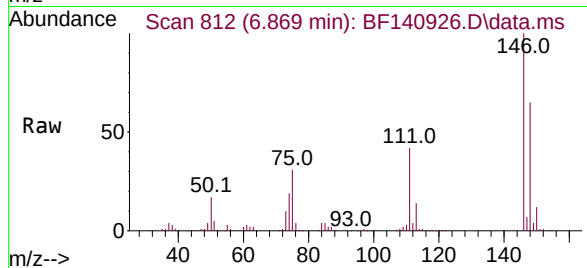
Tgt Ion:146 Resp: 209750

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

111 41.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 52.287 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

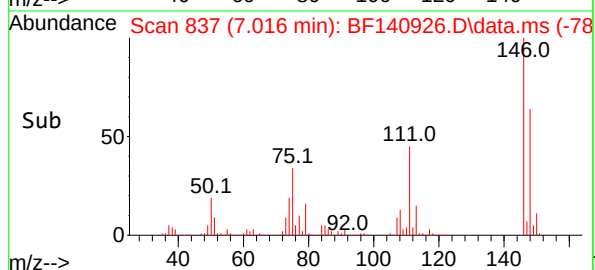
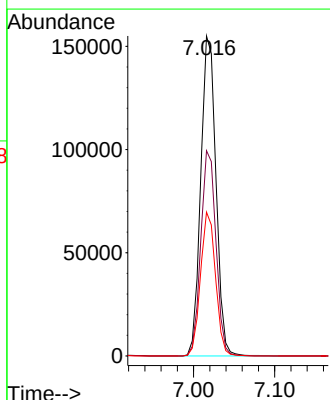
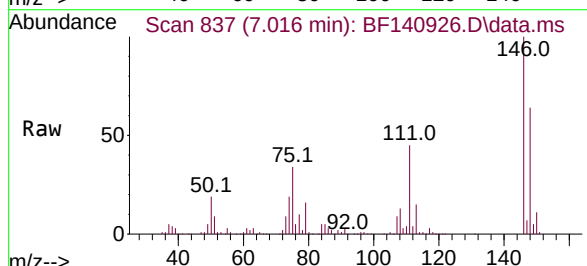
Tgt Ion:146 Resp: 201603

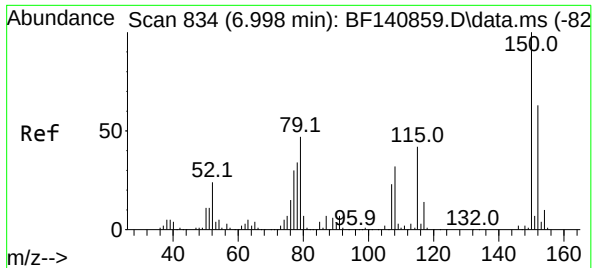
Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 45.0 35.6 53.4

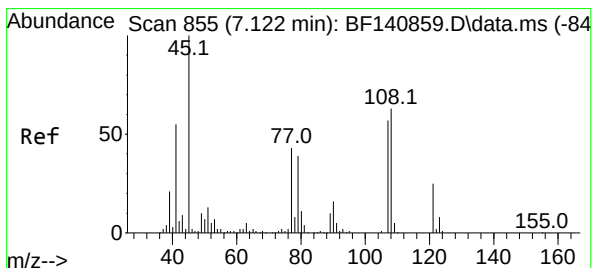
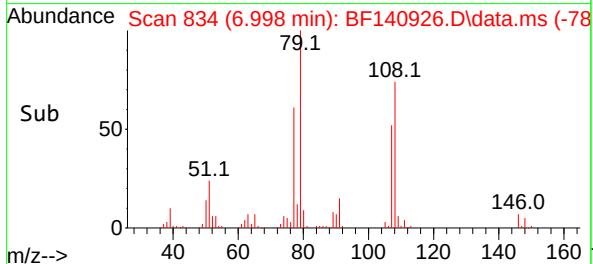
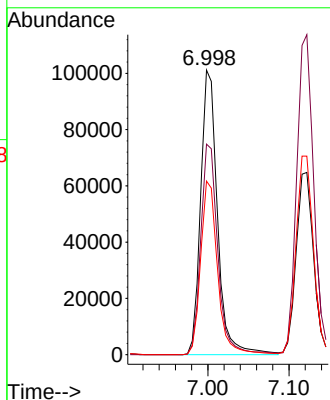
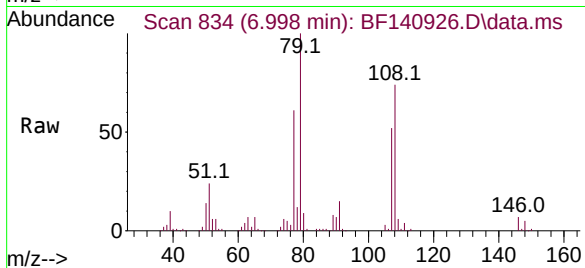




#15
Benzyl Alcohol
Concen: 47.577 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

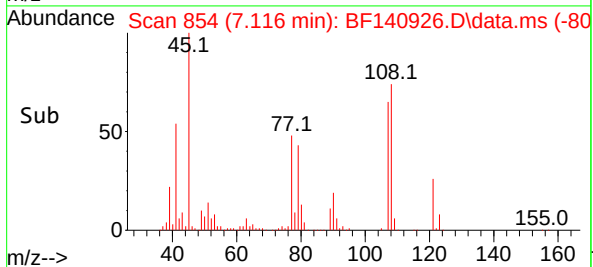
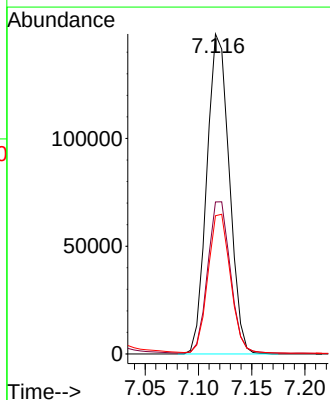
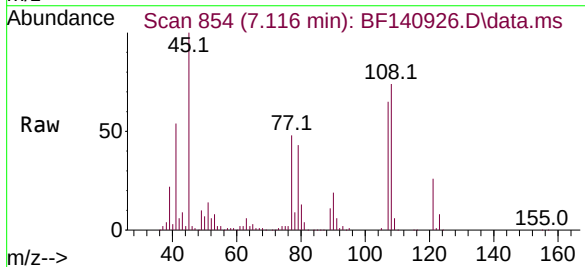
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

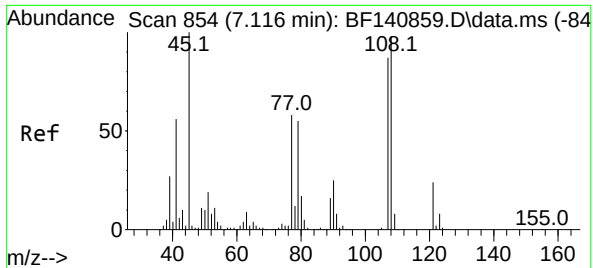
Tgt Ion: 79 Resp: 145976
Ion Ratio Lower Upper
79 100
108 74.0 55.1 82.7
77 61.0 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.859 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion: 45 Resp: 218254
Ion Ratio Lower Upper
45 100
77 47.5 23.3 63.3
79 43.2 20.0 60.0

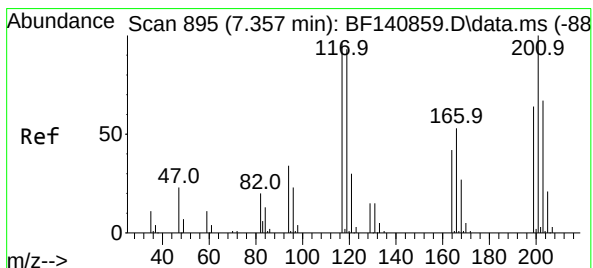
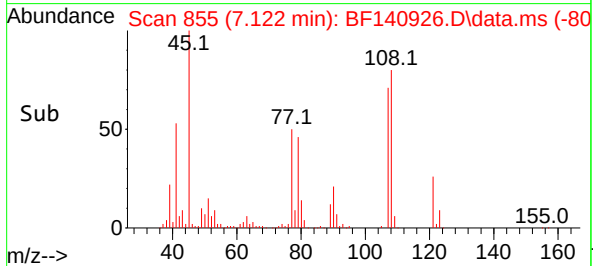
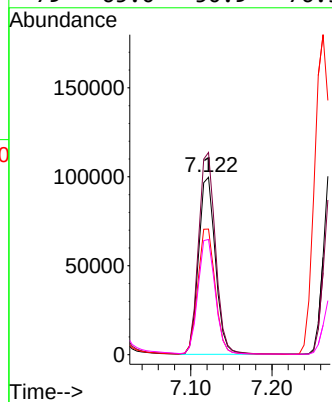
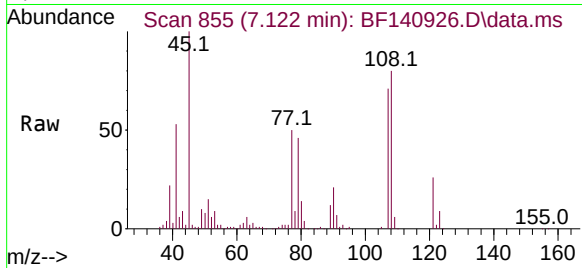




#17
2-Methylphenol
Concen: 51.192 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

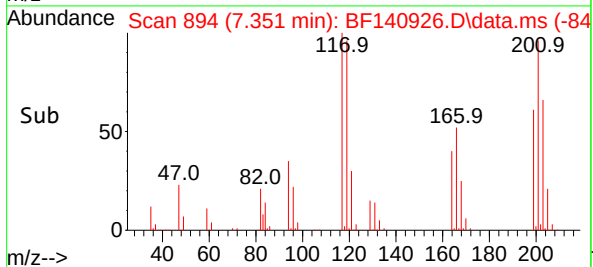
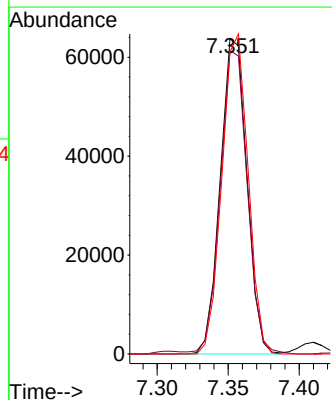
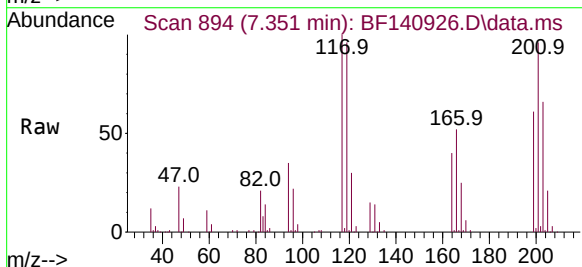
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

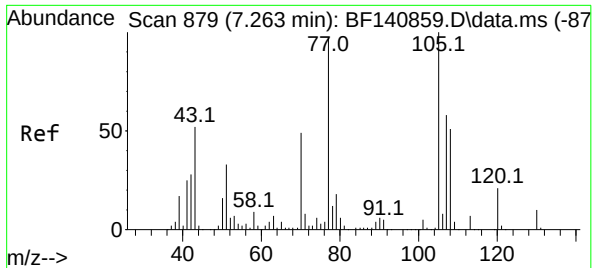
Tgt Ion:107 Resp: 144398
Ion Ratio Lower Upper
107 100
108 114.0 90.2 135.4
77 70.8 53.8 80.6
79 65.0 50.9 76.3



#18
Hexachloroethane
Concen: 54.730 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:117 Resp: 83261
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 95.8 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 54.887 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140926.D

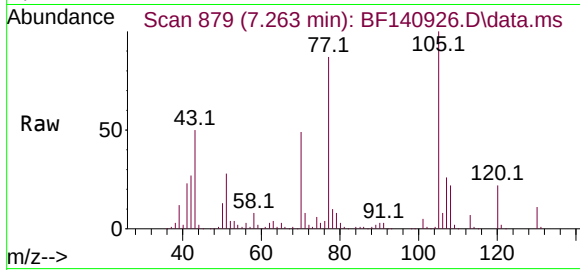
Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS



Tgt Ion: 70 Resp: 141284

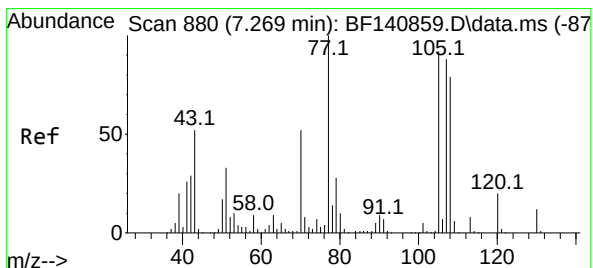
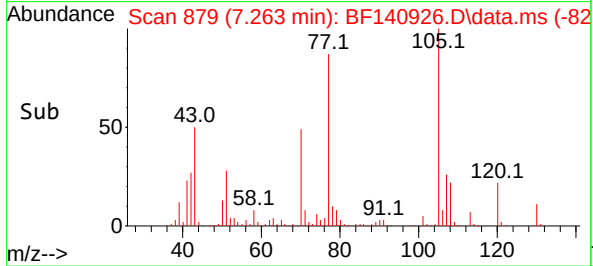
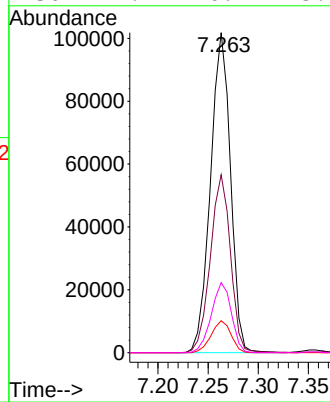
Ion Ratio Lower Upper

70 100

42 55.6 45.3 67.9

101 10.0 8.0 12.0

130 21.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 52.347 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Tgt Ion: 107 Resp: 195795

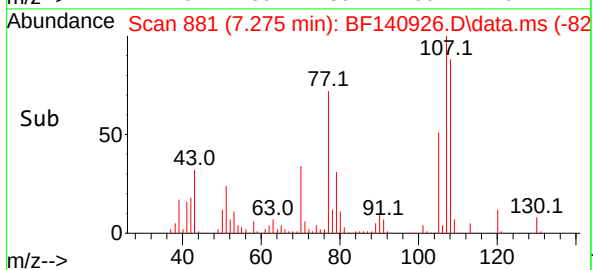
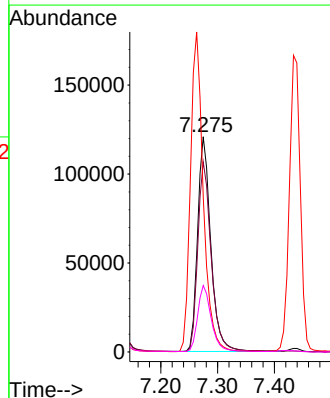
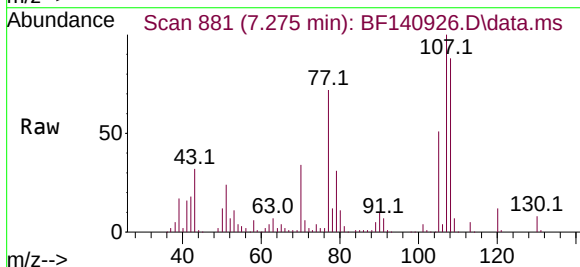
Ion Ratio Lower Upper

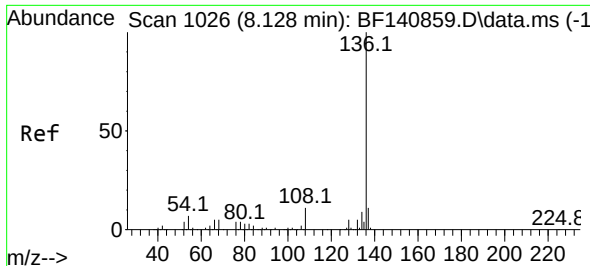
107 100

108 88.4 70.1 110.1

77 72.1 94.4 134.4#

79 30.8 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

Tgt Ion:136 Resp: 219250

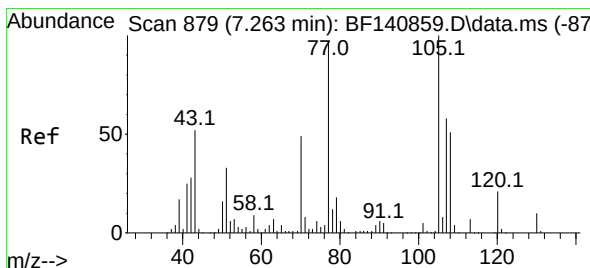
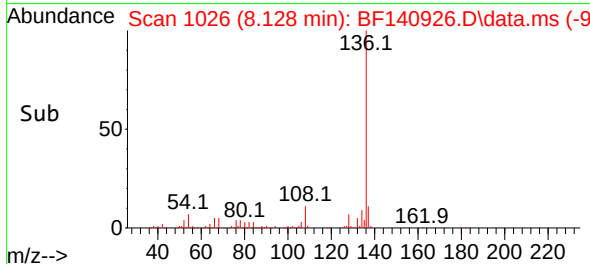
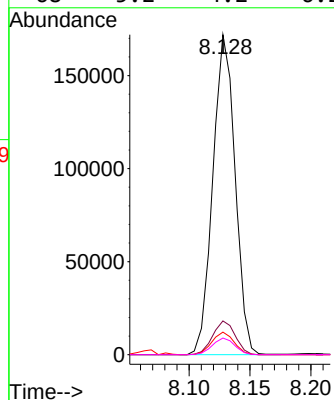
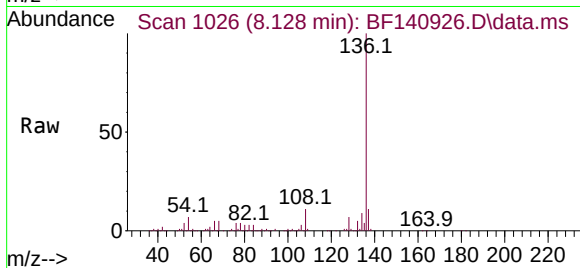
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 7.0 5.6 8.4

68 5.2 4.2 6.2



#22

Acetophenone

Concen: 50.355 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Tgt Ion:105 Resp: 276180

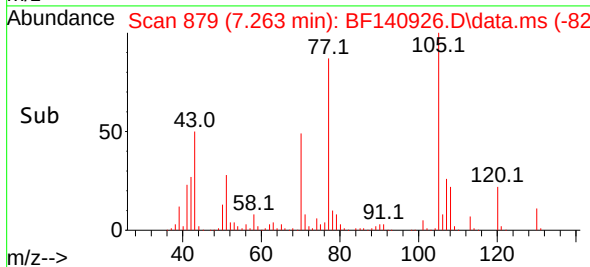
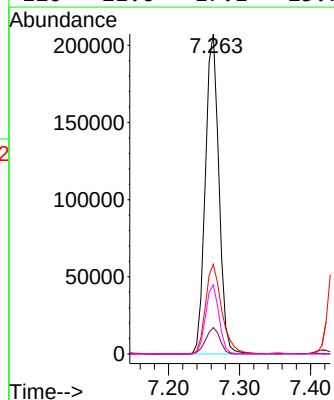
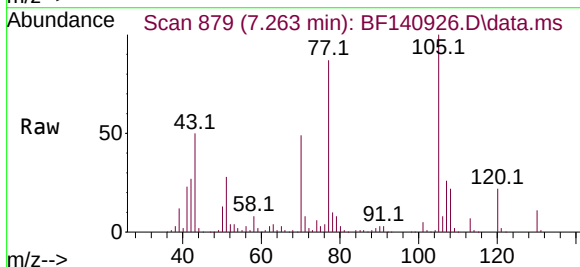
Ion Ratio Lower Upper

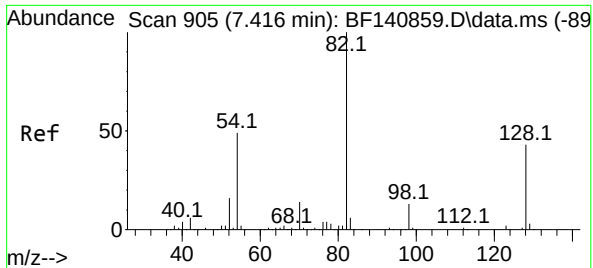
105 100

71 8.3 6.2 9.4

51 28.0 26.3 39.5

120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 102.980 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

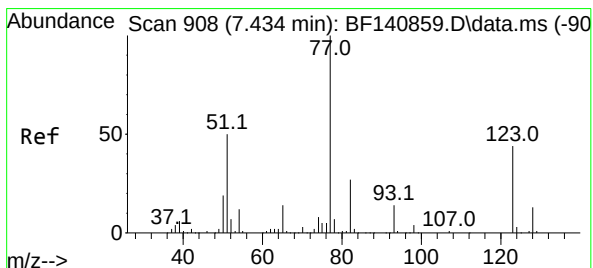
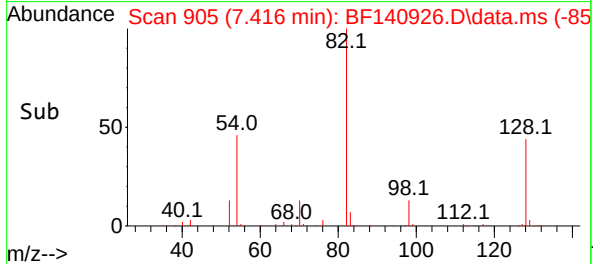
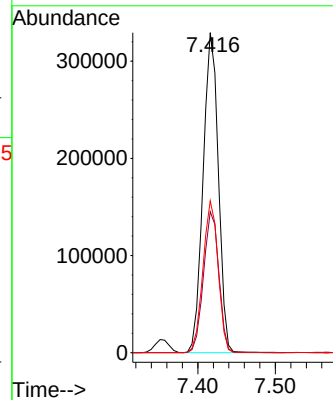
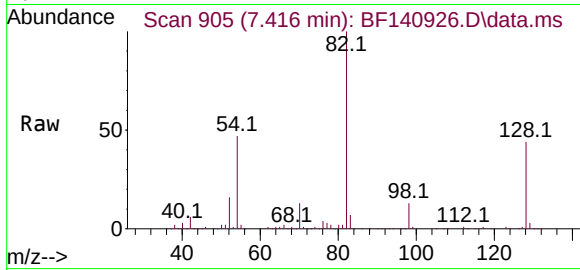
Tgt Ion: 82 Resp: 451288

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

54 47.5 38.8 58.2



#24

Nitrobenzene

Concen: 49.598 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

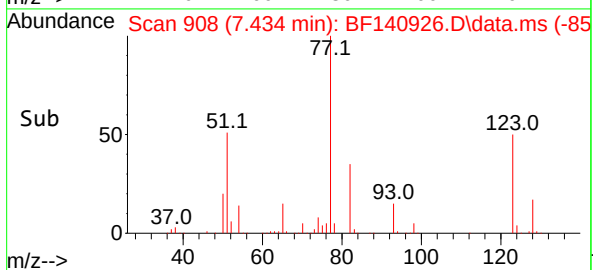
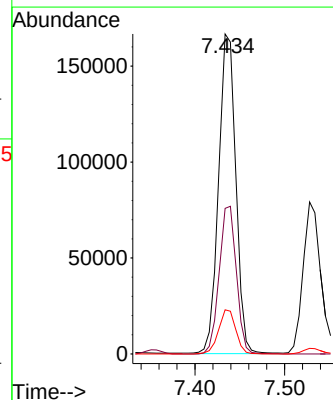
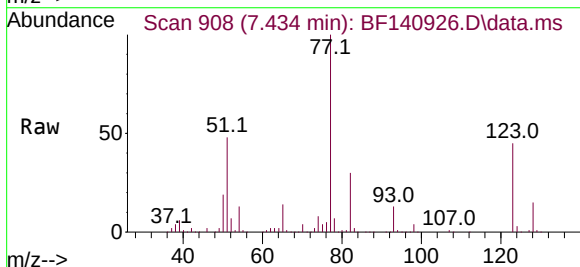
Tgt Ion: 77 Resp: 222671

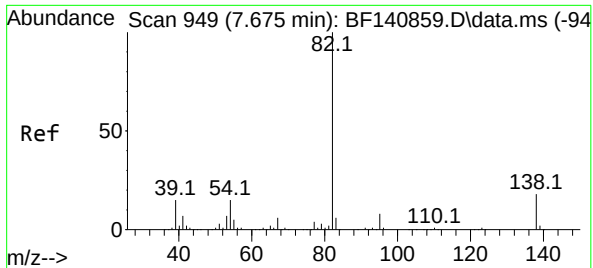
Ion Ratio Lower Upper

77 100

123 45.5 35.0 52.4

65 13.8 11.4 17.0

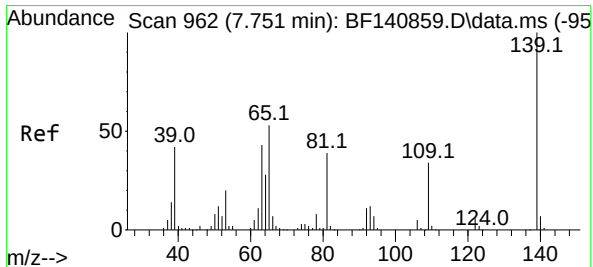
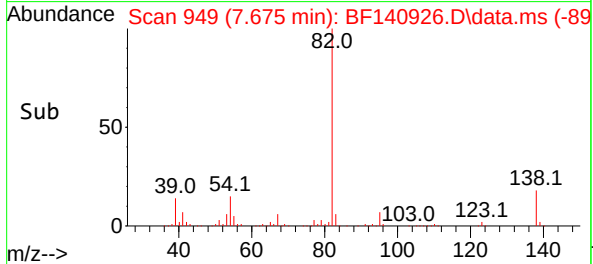
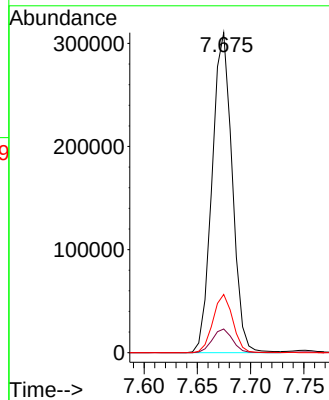
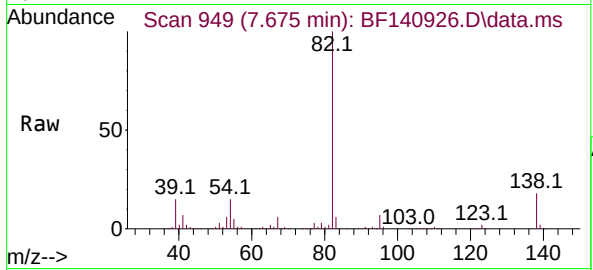




#25
Isophorone
Concen: 55.389 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

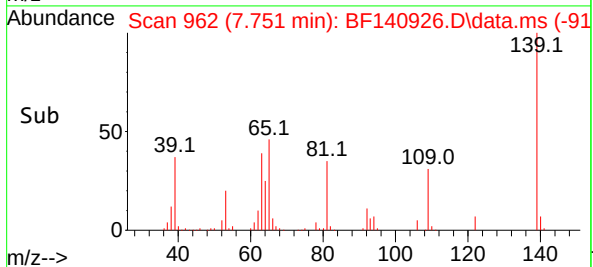
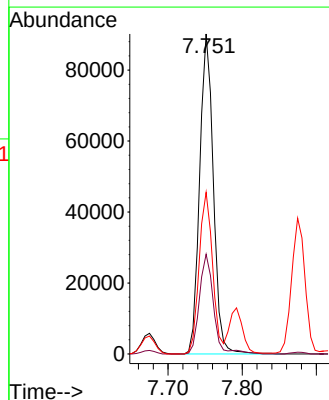
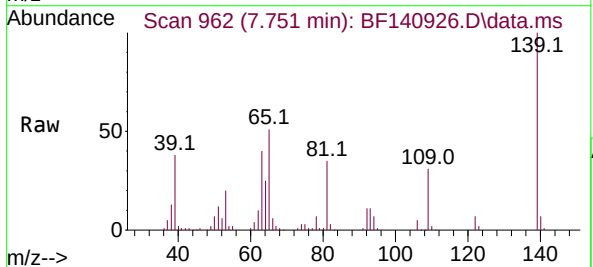
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

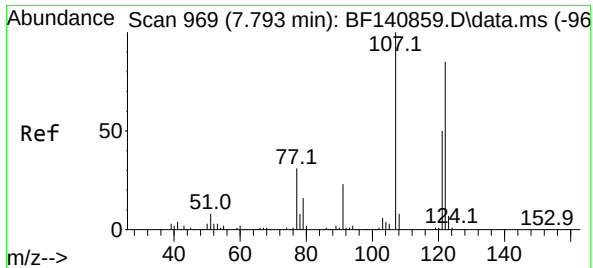
Tgt Ion: 82 Resp: 406704
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 18.2 14.1 21.1



#26
2-Nitrophenol
Concen: 55.932 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion: 139 Resp: 115652
Ion Ratio Lower Upper
139 100
109 31.2 26.9 40.3
65 50.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 64.355 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

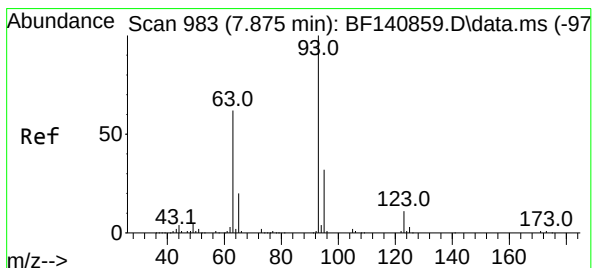
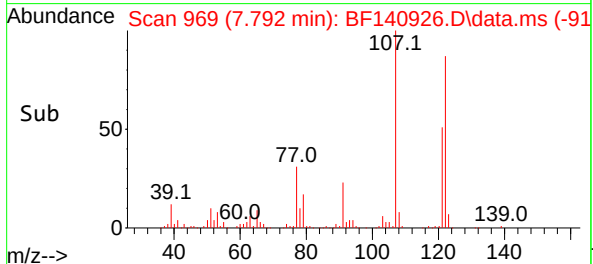
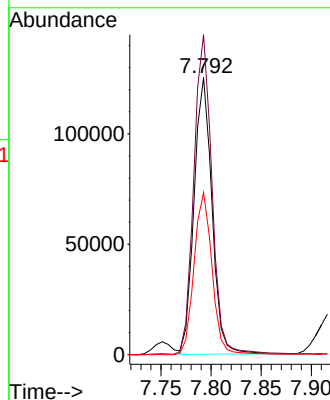
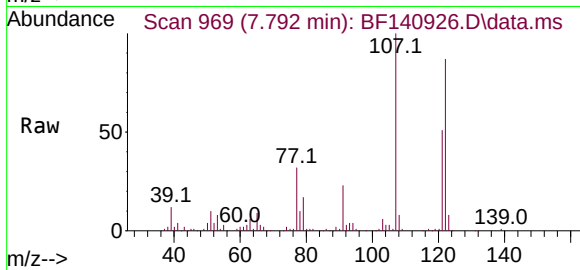
Tgt Ion:122 Resp: 155402

Ion Ratio Lower Upper

122 100

107 115.5 92.6 139.0

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 52.583 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

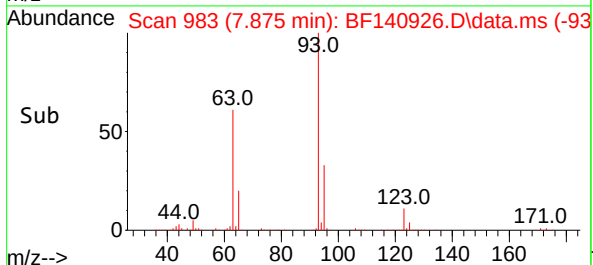
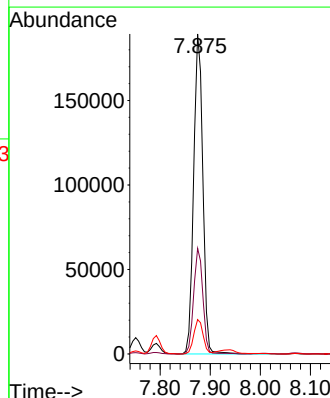
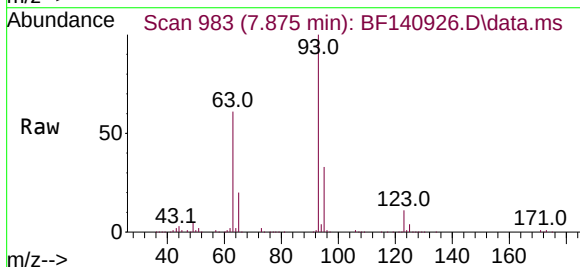
Tgt Ion: 93 Resp: 241148

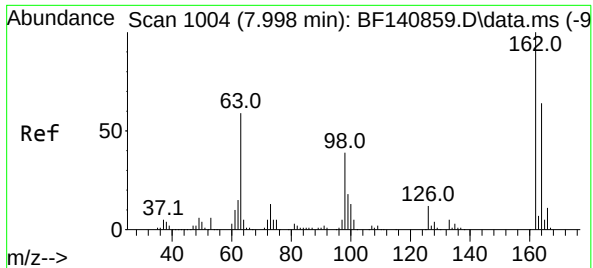
Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 52.648 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

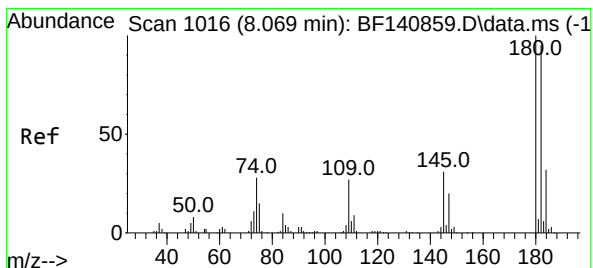
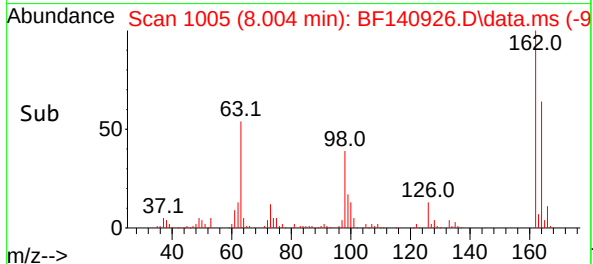
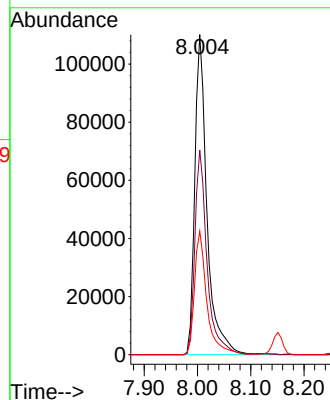
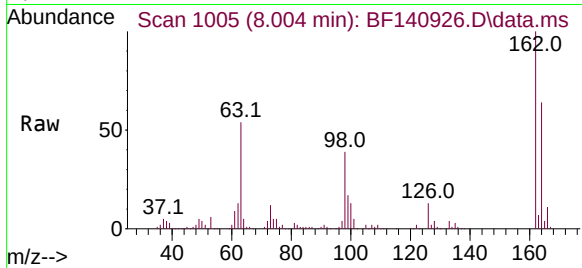
Tgt Ion:162 Resp: 175518

Ion Ratio Lower Upper

162 100

164 64.0 43.7 83.7

98 38.6 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 49.694 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

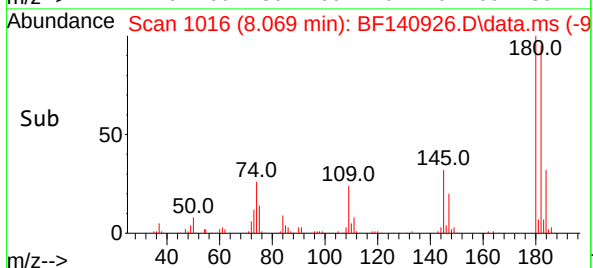
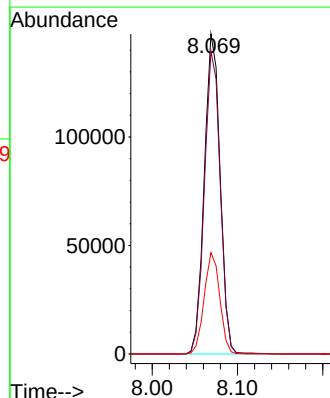
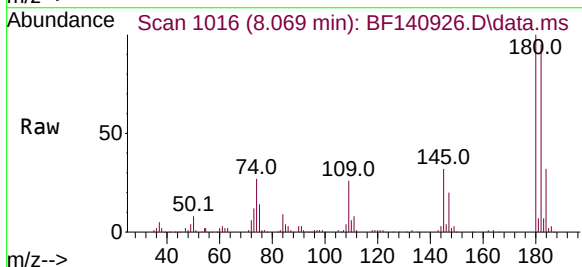
Tgt Ion:180 Resp: 189919

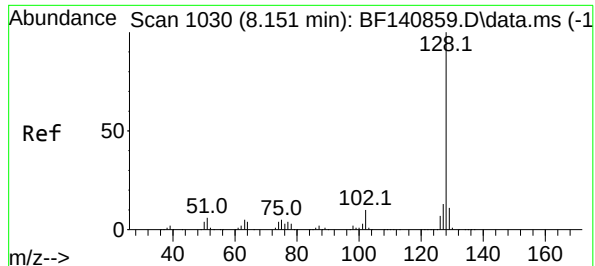
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.6 25.2 37.8





#31

Naphthalene

Concen: 55.015 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

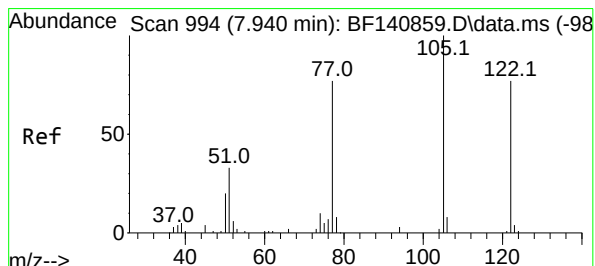
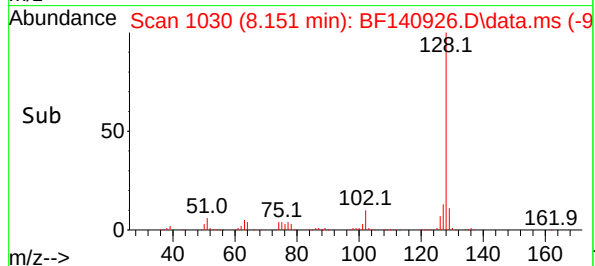
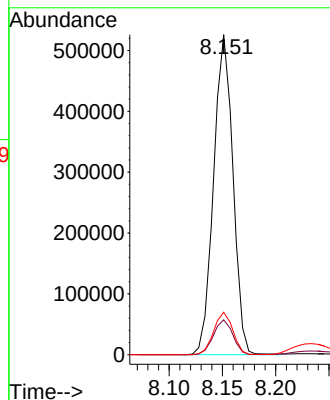
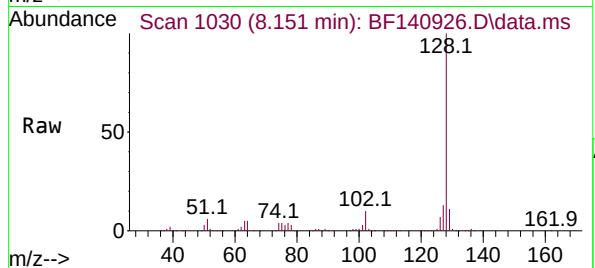
Tgt Ion:128 Resp: 662575

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 36.184 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.001 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

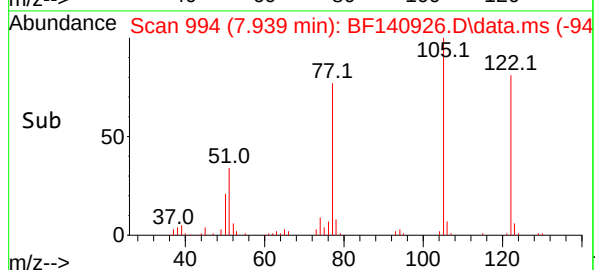
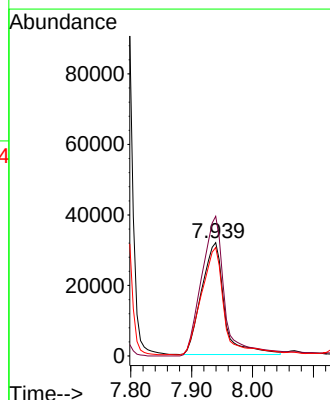
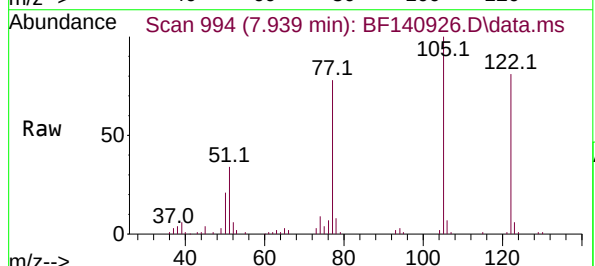
Tgt Ion:122 Resp: 82867

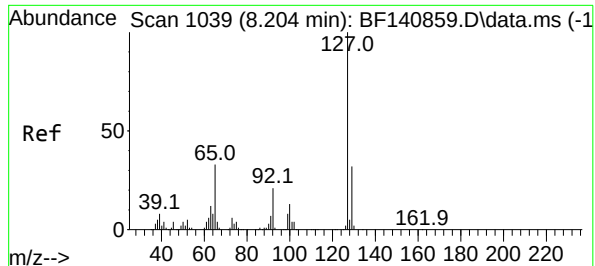
Ion Ratio Lower Upper

122 100

105 123.4 108.3 148.3

77 95.8 78.8 118.8





#33

4-Chloroaniline

Concen: 11.897 ng

RT: 8.234 min Scan# 1044

Delta R.T. 0.029 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

Tgt Ion:127 Resp: 47587

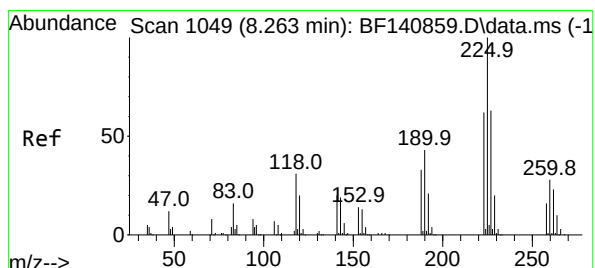
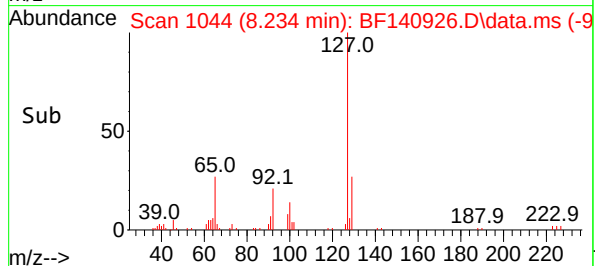
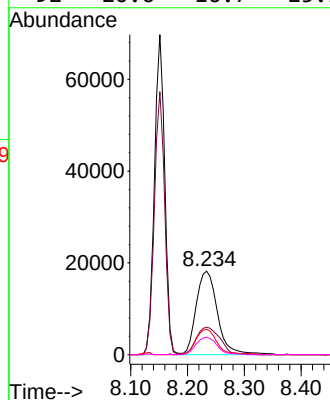
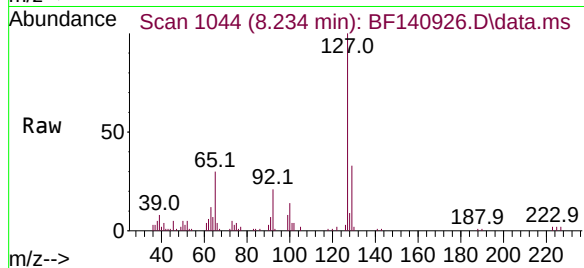
Ion Ratio Lower Upper

127 100

129 32.9 26.0 39.0

65 30.4 26.0 39.0

92 20.6 16.7 25.1



#34

Hexachlorobutadiene

Concen: 49.716 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

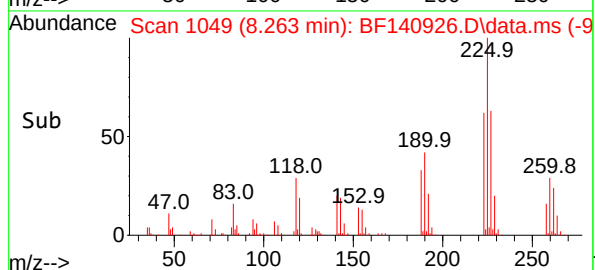
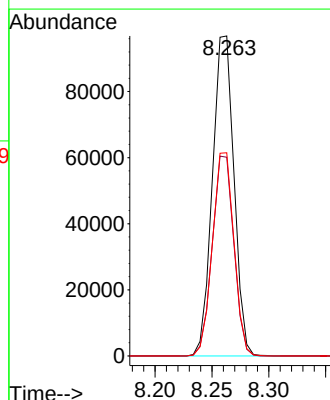
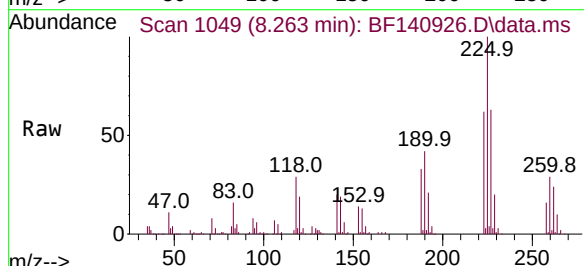
Tgt Ion:225 Resp: 127835

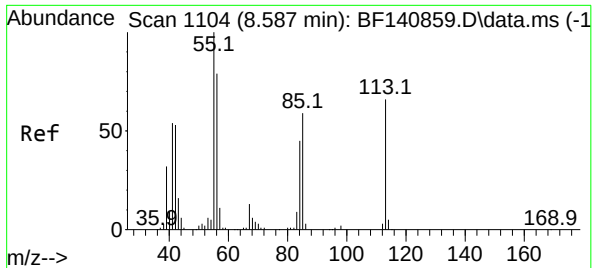
Ion Ratio Lower Upper

225 100

223 62.1 49.6 74.4

227 63.5 50.7 76.1

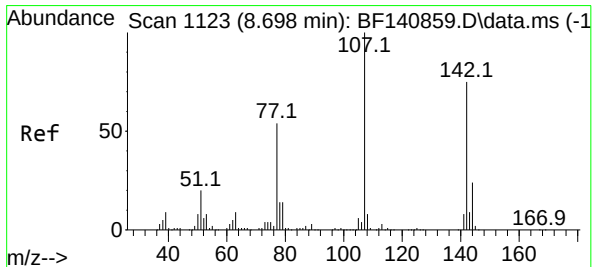
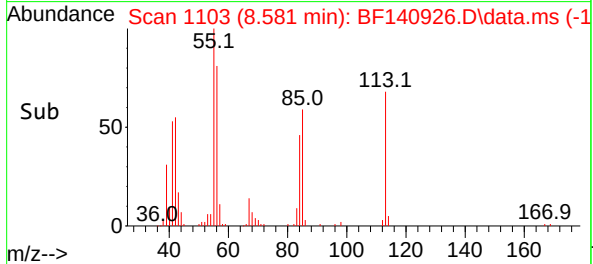
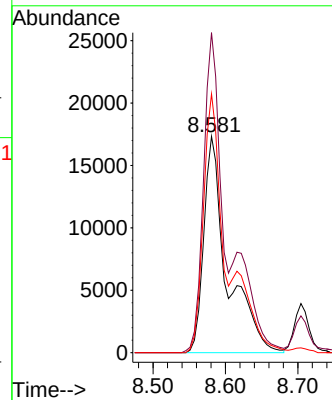
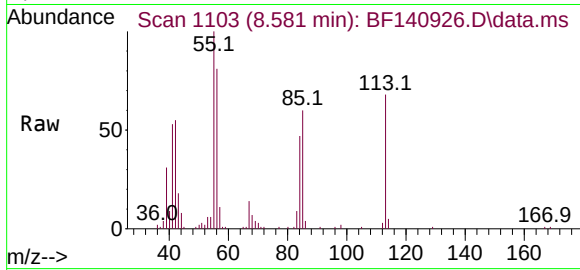




#35
Caprolactam
Concen: 39.244 ng m
RT: 8.581 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

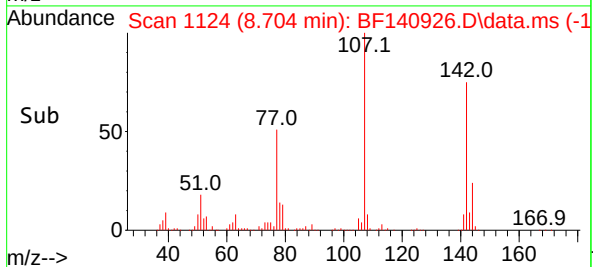
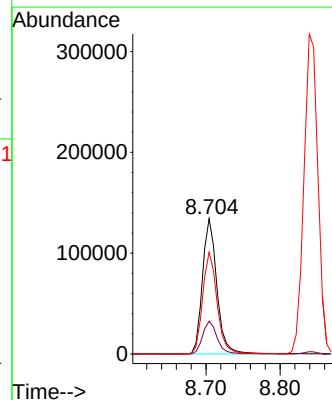
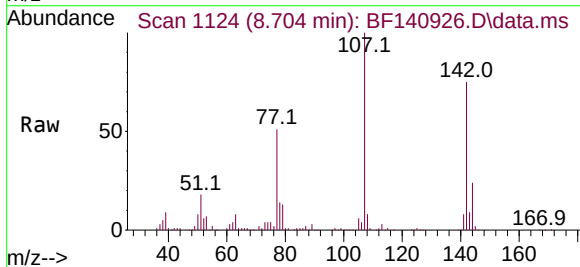
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

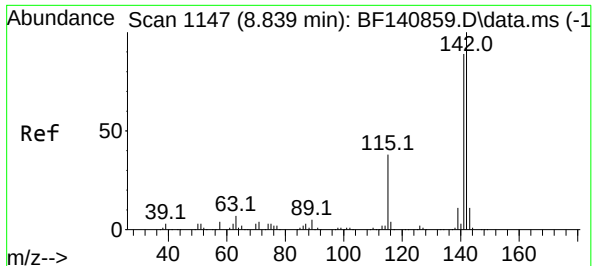
Tgt Ion:113 Resp: 38950
Ion Ratio Lower Upper
113 100
55 148.0 132.3 172.3
56 119.7 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 48.321 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:107 Resp: 181314
Ion Ratio Lower Upper
107 100
144 24.3 19.4 29.2
142 75.0 60.3 90.5





#37

2-Methylnaphthalene

Concen: 52.058 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

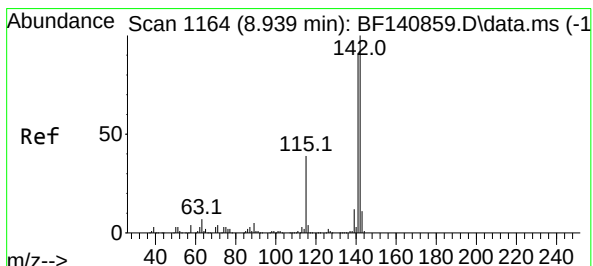
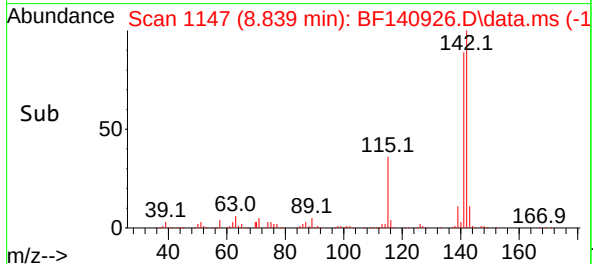
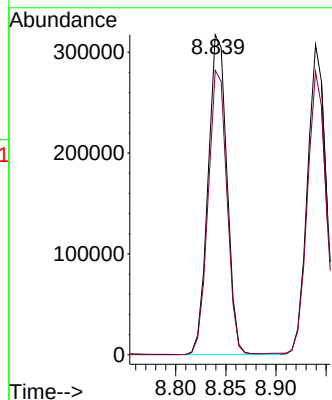
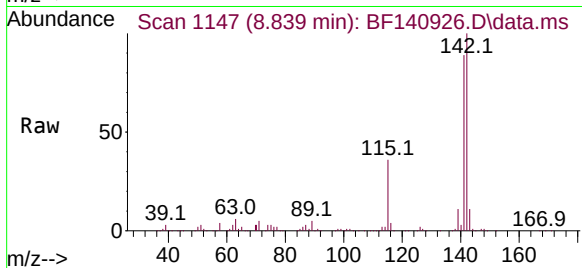
WC-20241213MS

Tgt Ion:142 Resp: 414742

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 49.708 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140926.D

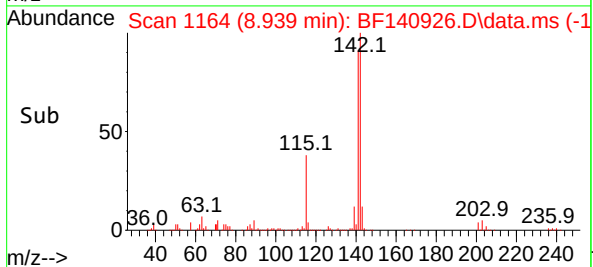
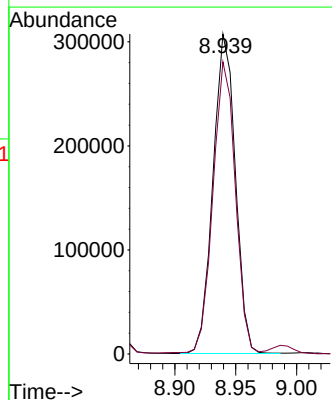
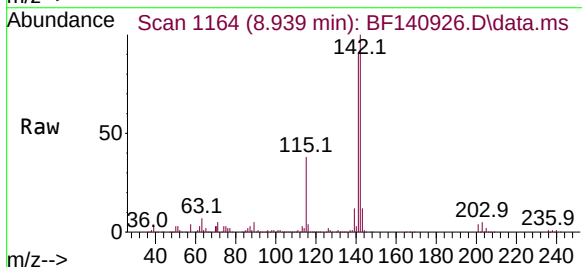
Acq: 19 Dec 2024 15:13

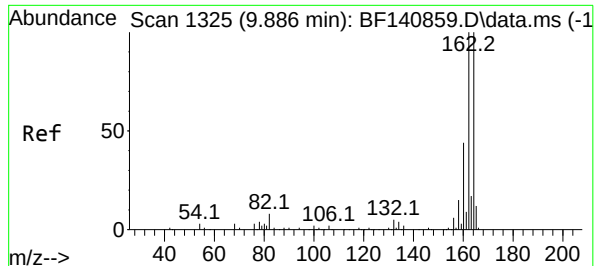
Tgt Ion:142 Resp: 391651

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

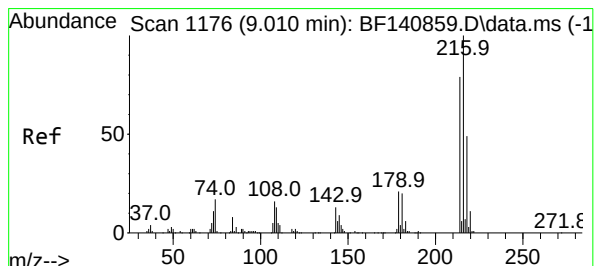
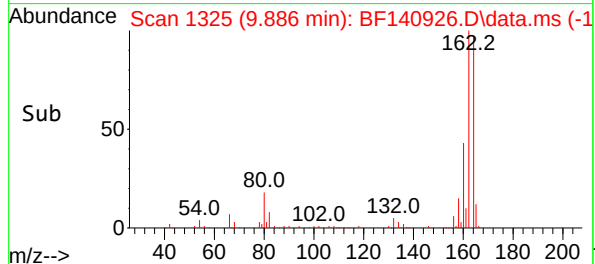
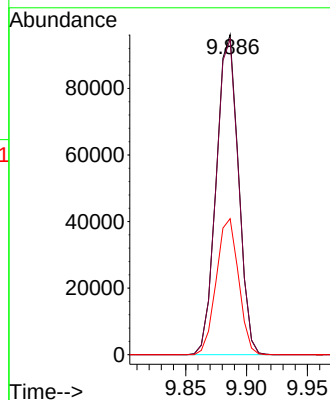
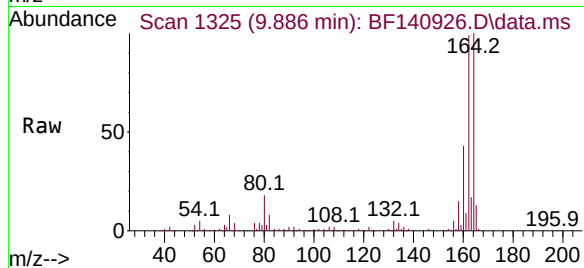
Tgt Ion:164 Resp: 121709

Ion Ratio Lower Upper

164 100

162 98.5 79.9 119.9

160 42.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.060 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Tgt Ion:216 Resp: 205974

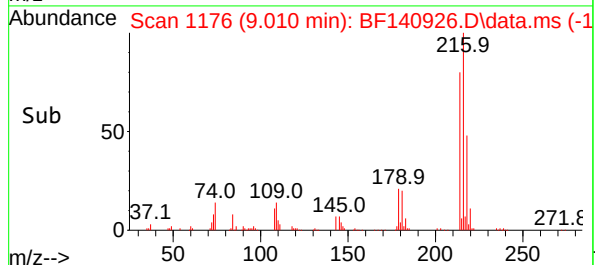
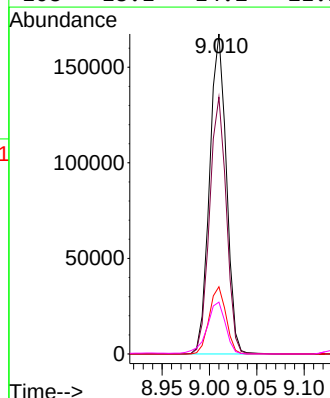
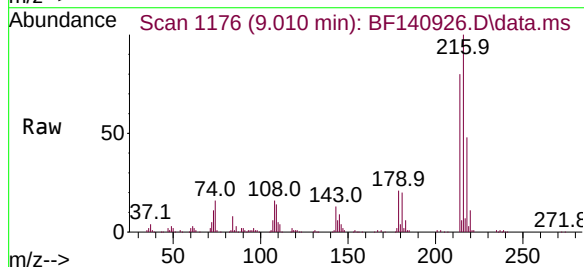
Ion Ratio Lower Upper

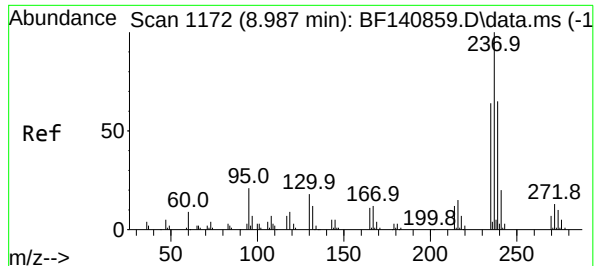
216 100

214 80.0 63.6 95.4

179 20.9 17.0 25.4

108 18.1 14.2 21.2

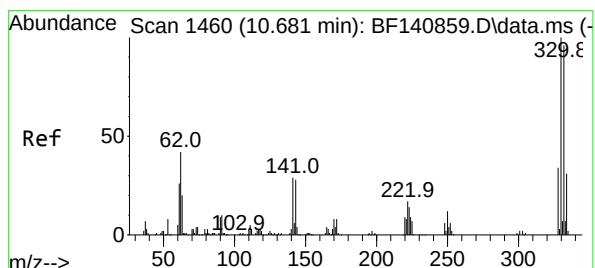
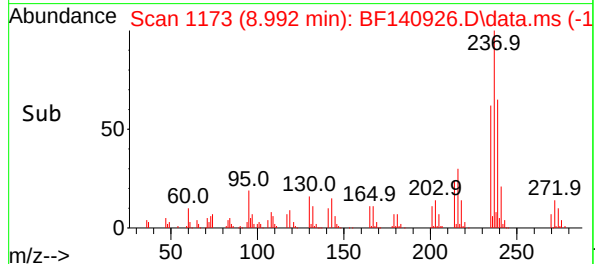
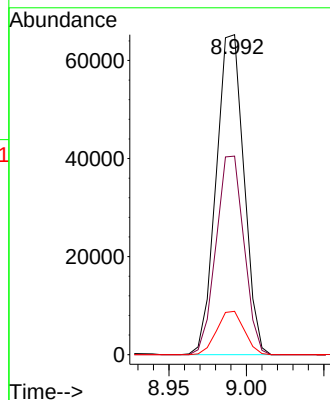
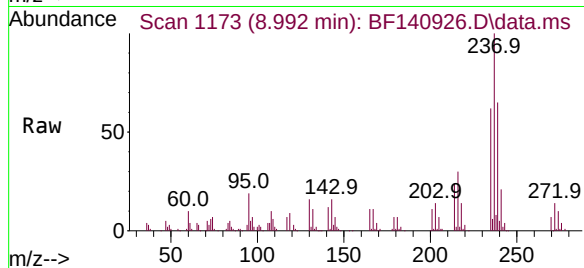




#41
Hexachlorocyclopentadiene
Concen: 67.749 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

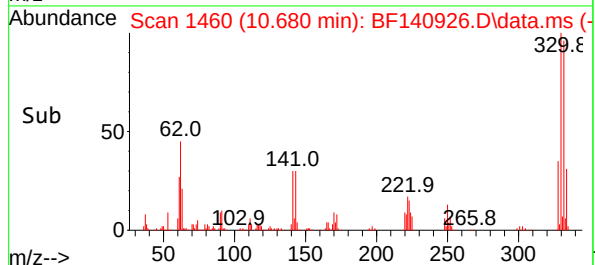
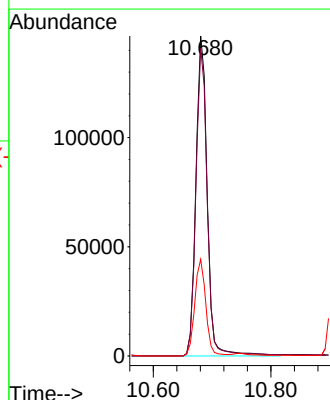
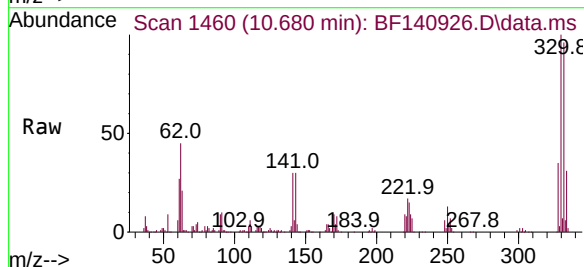
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

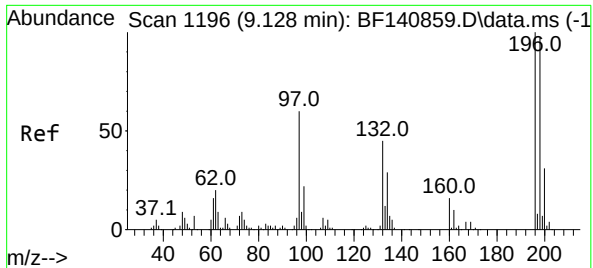
Tgt Ion:237 Resp: 81364
Ion Ratio Lower Upper
237 100
235 62.1 43.7 83.7
272 13.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 136.448 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:330 Resp: 196413
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 29.4 24.9 37.3

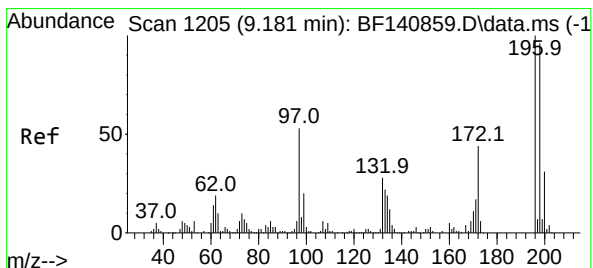
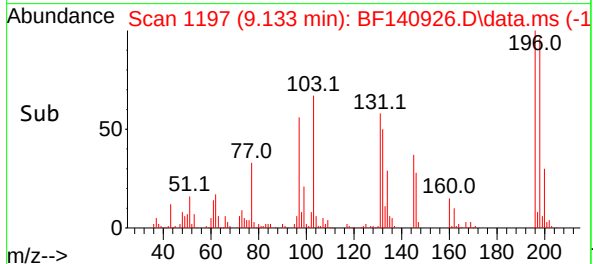
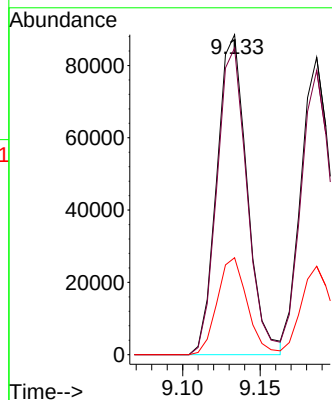
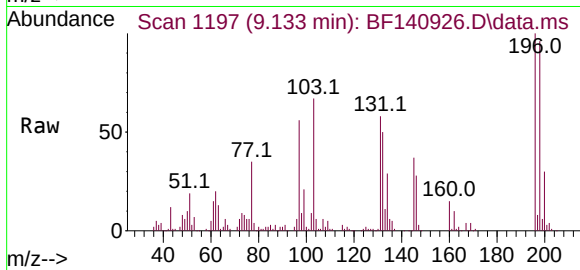




#43
2,4,6-Trichlorophenol
Concen: 52.421 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

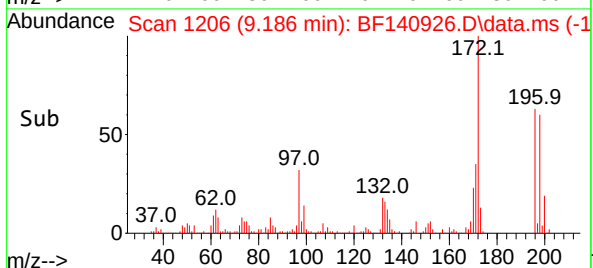
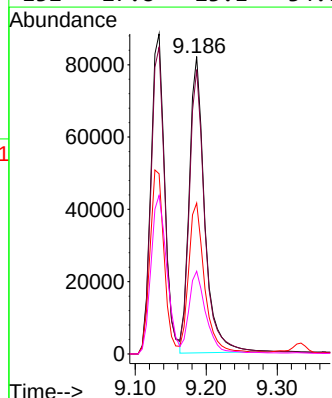
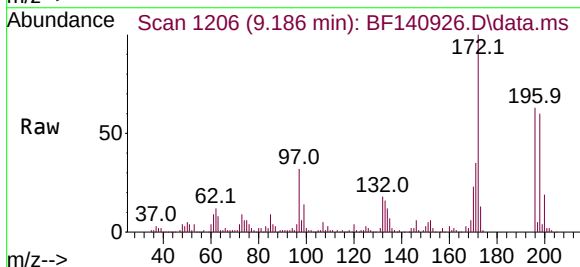
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

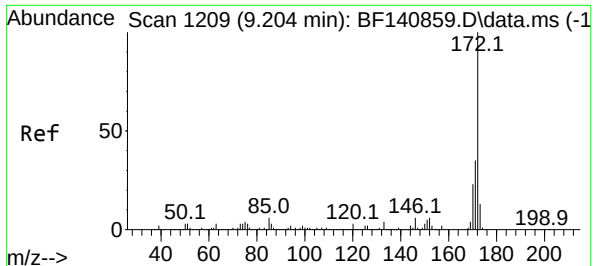
Tgt Ion:196 Resp: 120077
Ion Ratio Lower Upper
196 100
198 95.9 77.4 116.0
200 30.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 49.169 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:196 Resp: 123793
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 50.8 42.2 63.4
132 27.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 103.278 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

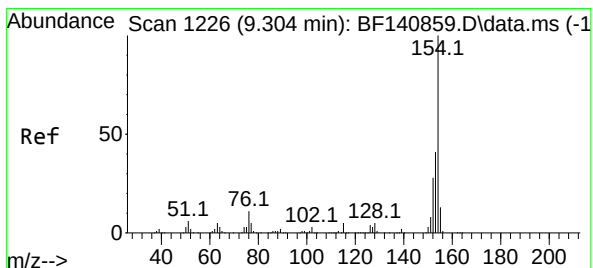
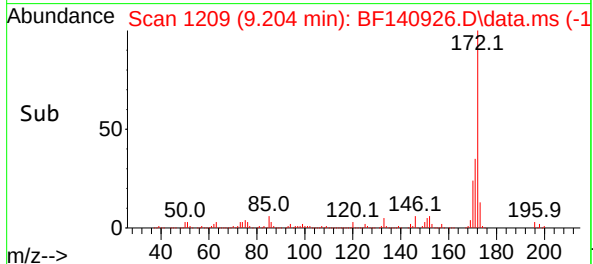
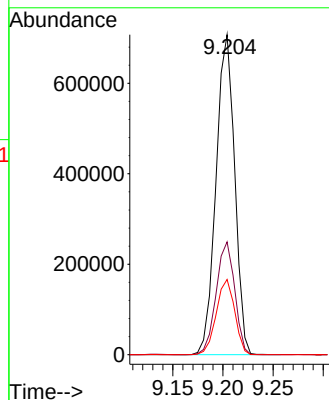
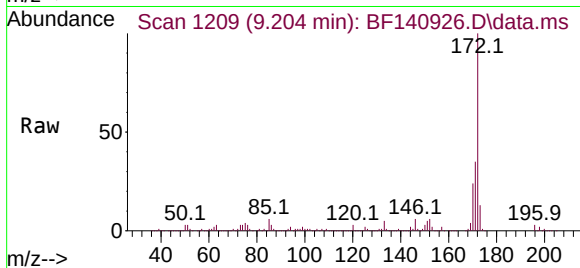
Tgt Ion:172 Resp: 914273

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.652 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

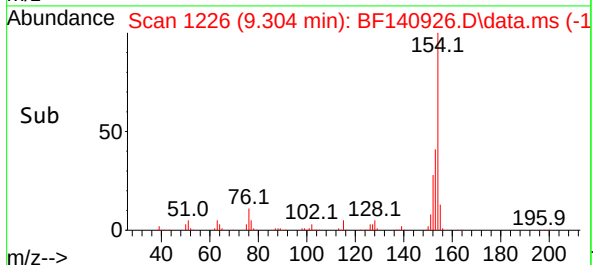
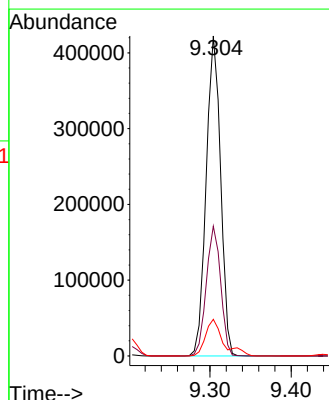
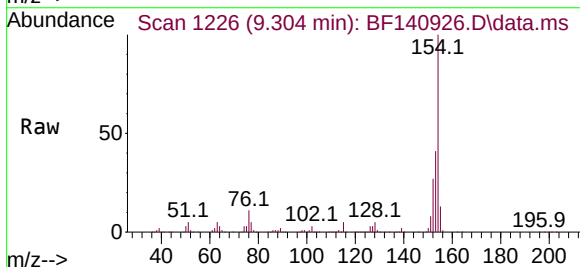
Tgt Ion:154 Resp: 519251

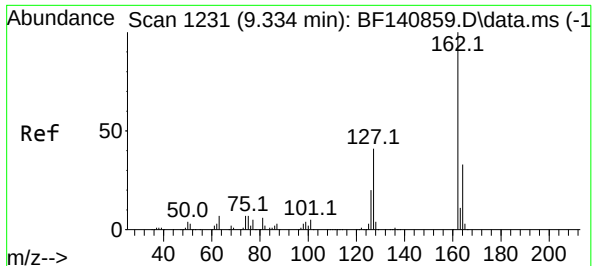
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.837 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

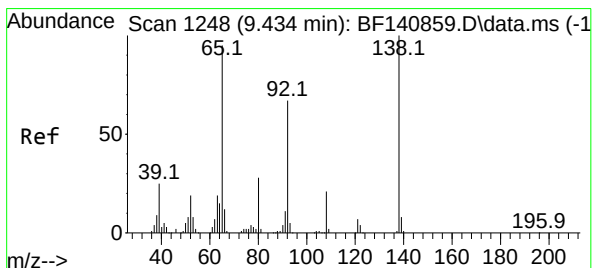
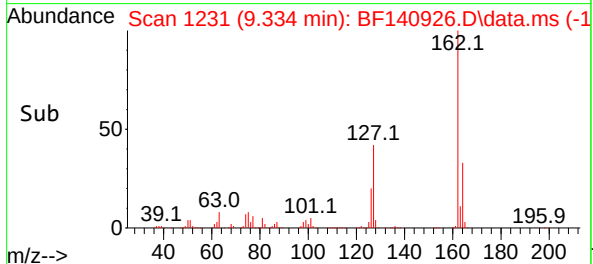
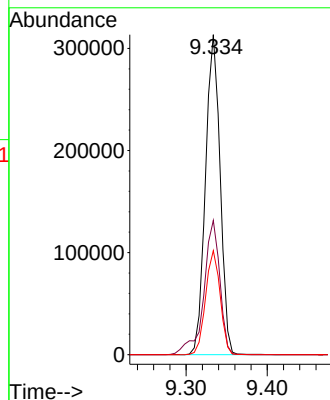
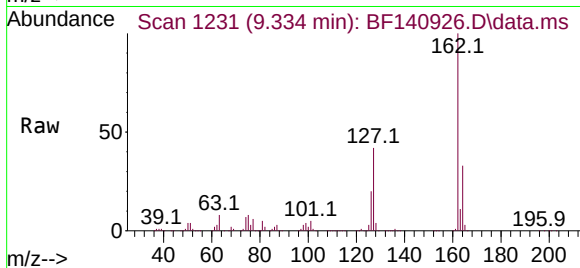
Tgt Ion:162 Resp: 391202

Ion Ratio Lower Upper

162 100

127 42.0 33.5 50.3

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 47.261 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

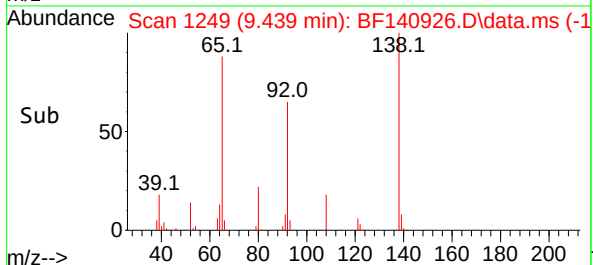
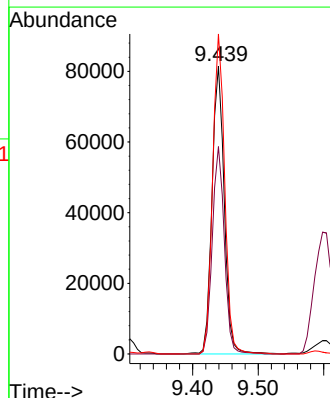
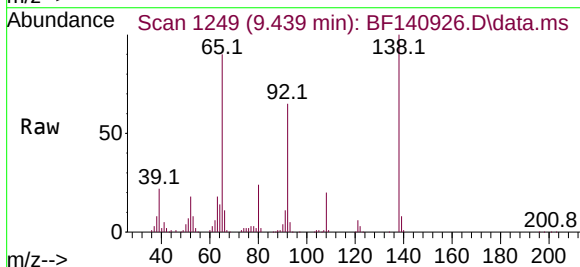
Tgt Ion: 65 Resp: 105679

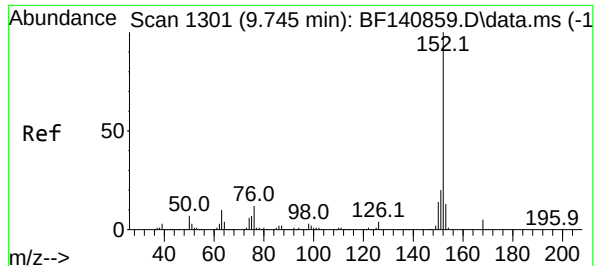
Ion Ratio Lower Upper

65 100

92 72.0 56.3 84.5

138 111.2 83.8 125.6





#49

Acenaphthylene

Concen: 56.627 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

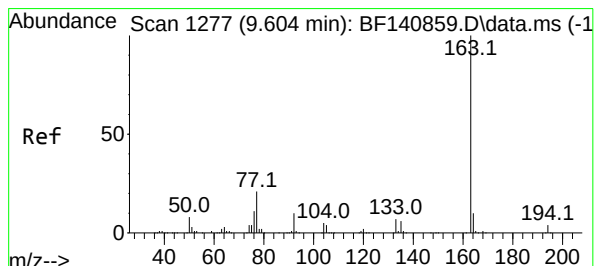
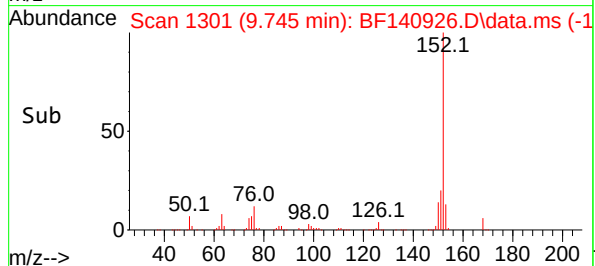
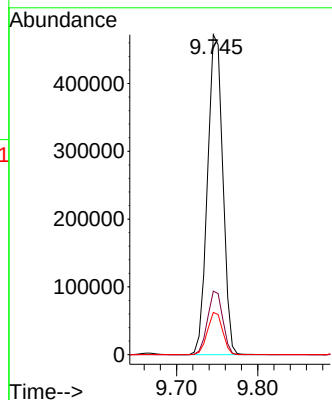
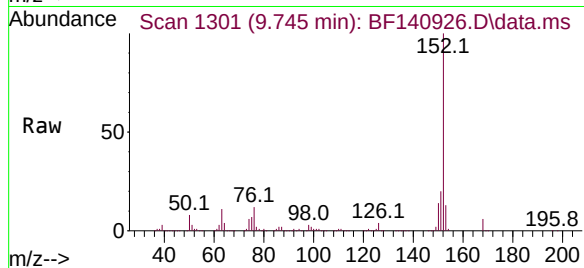
Tgt Ion:152 Resp: 616133

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 52.562 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

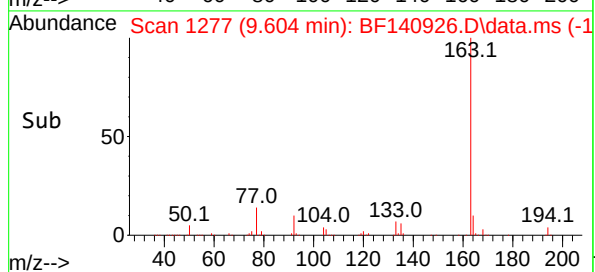
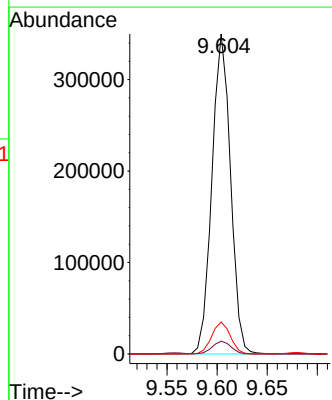
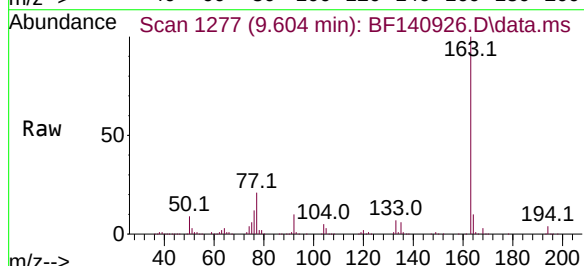
Tgt Ion:163 Resp: 451022

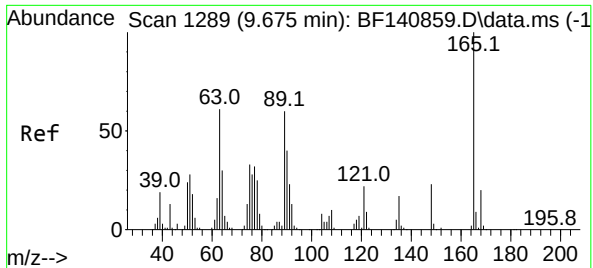
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.531 ng

RT: 9.681 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

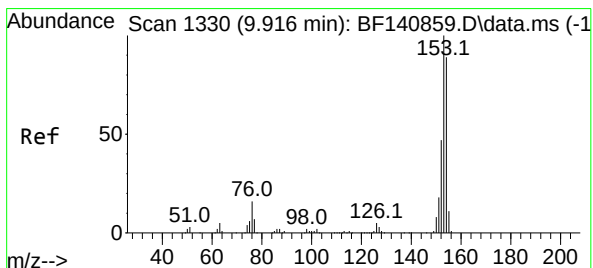
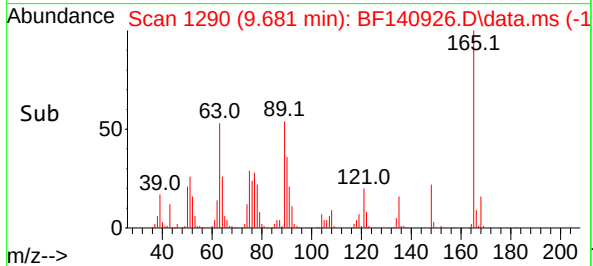
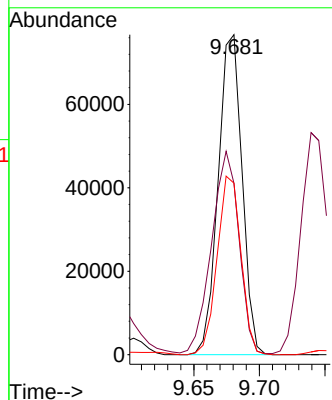
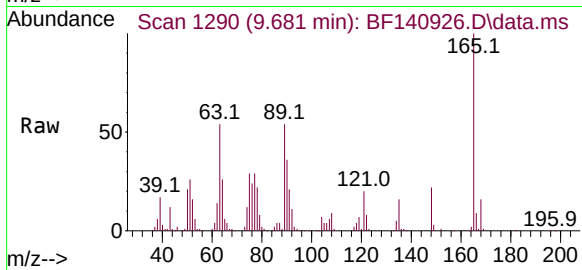
Tgt Ion:165 Resp: 97163

Ion Ratio Lower Upper

165 100

63 53.5 49.7 74.5

89 53.6 48.2 72.4



#52

Acenaphthene

Concen: 54.649 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

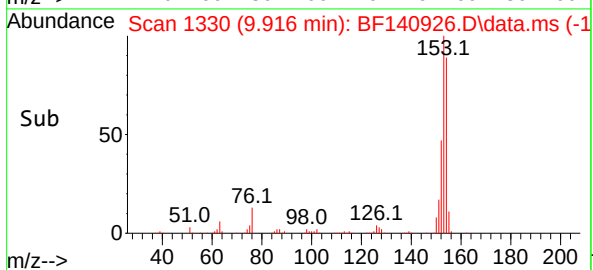
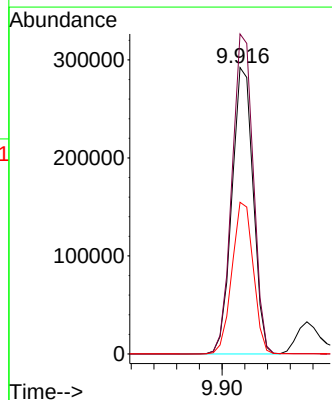
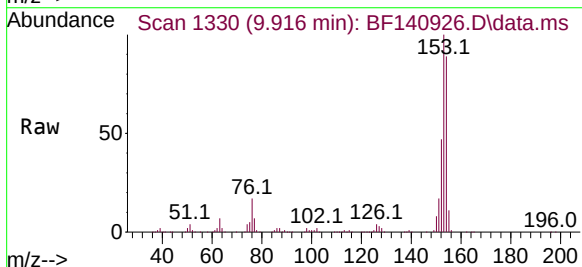
Tgt Ion:154 Resp: 379823

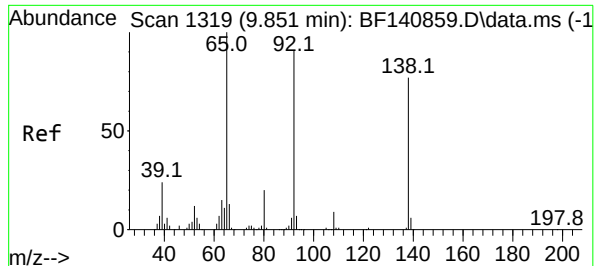
Ion Ratio Lower Upper

154 100

153 111.7 89.9 134.9

152 53.0 42.6 63.8





#53

3-Nitroaniline

Concen: 8.247 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

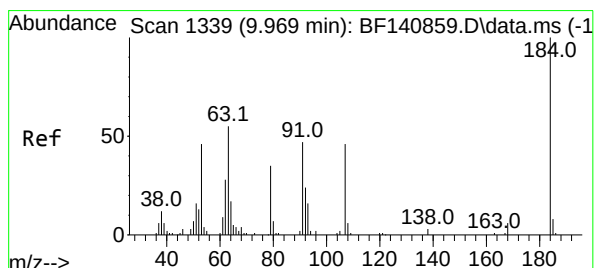
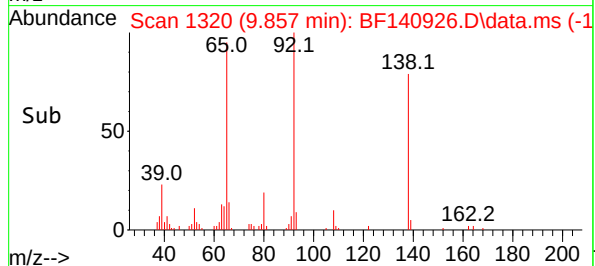
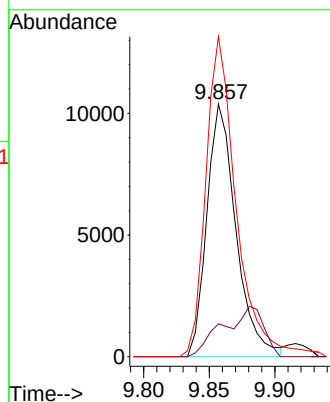
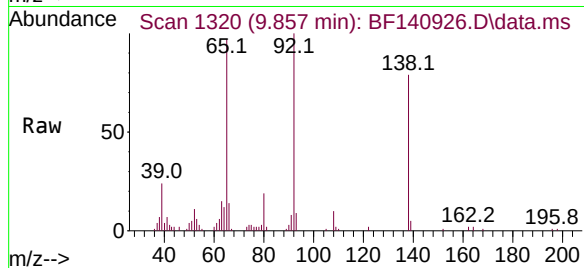
Tgt Ion:138 Resp: 16054

Ion Ratio Lower Upper

138 100

108 13.0 9.0 13.4

92 126.7 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 88.211 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

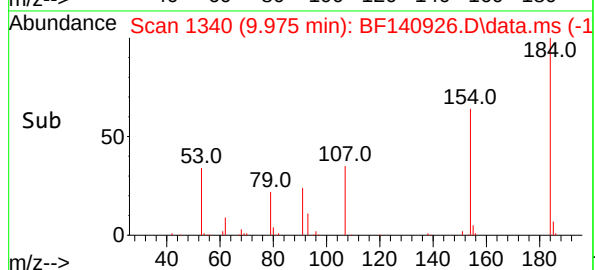
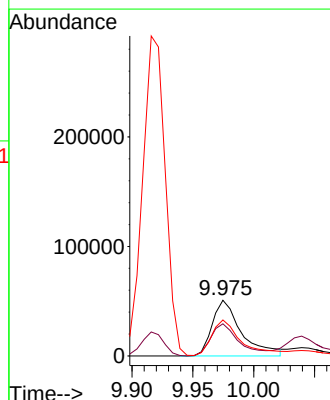
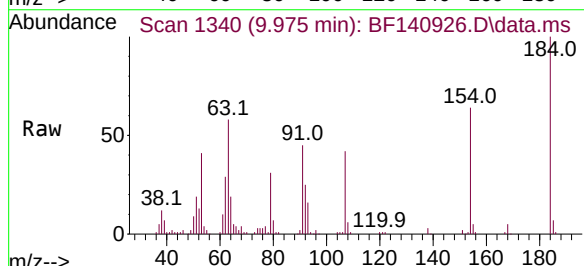
Tgt Ion:184 Resp: 85129

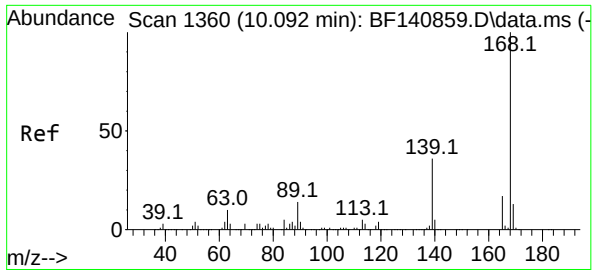
Ion Ratio Lower Upper

184 100

63 57.8 51.6 77.4

154 64.5 56.1 84.1





#55

Dibenzenofuran

Concen: 52.490 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

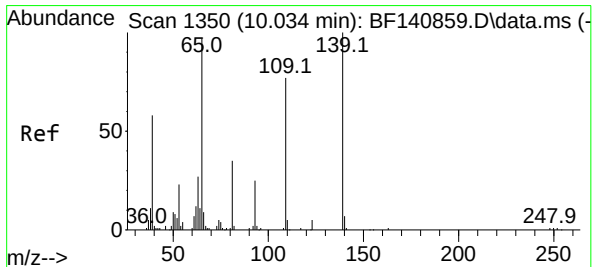
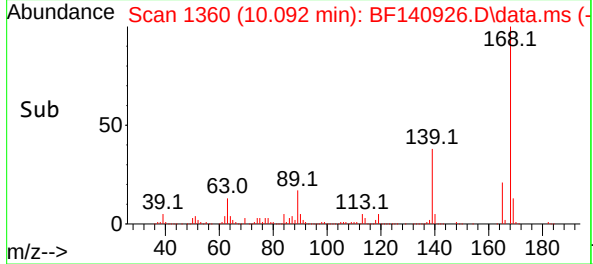
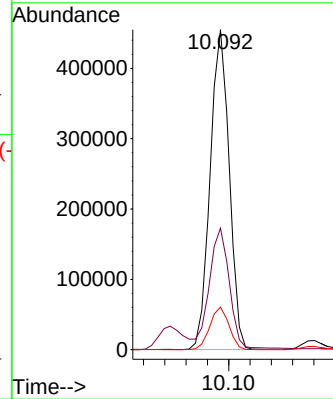
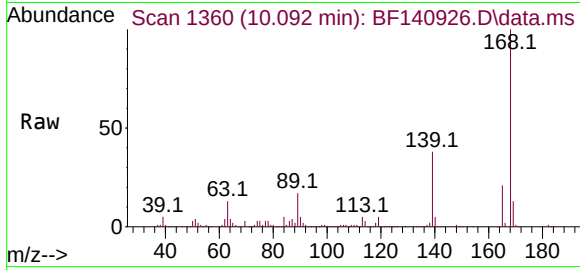
Tgt Ion:168 Resp: 565314

Ion Ratio Lower Upper

168 100

139 38.0 31.1 46.7

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 52.384 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

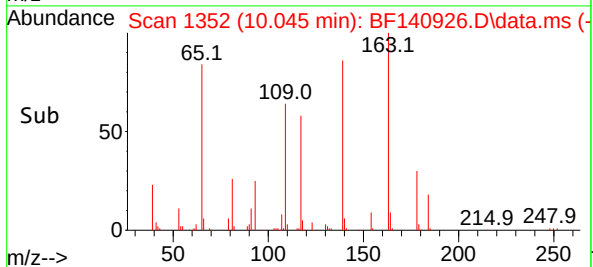
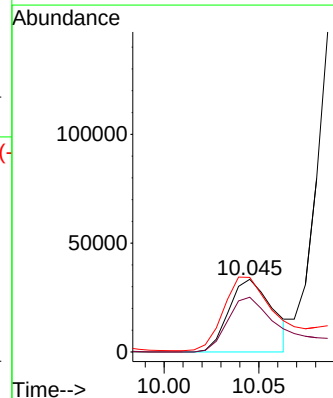
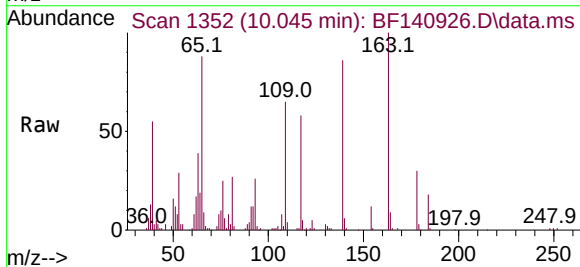
Tgt Ion:139 Resp: 53154

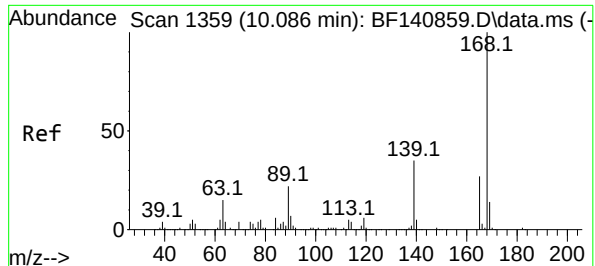
Ion Ratio Lower Upper

139 100

109 75.3 56.7 96.7

65 102.7 78.1 118.1

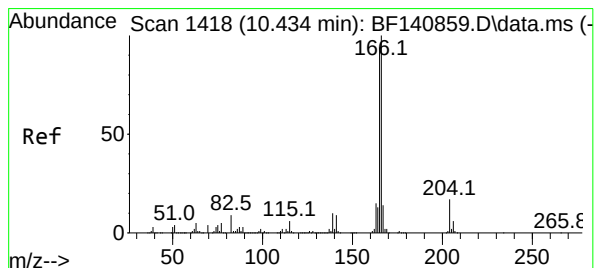
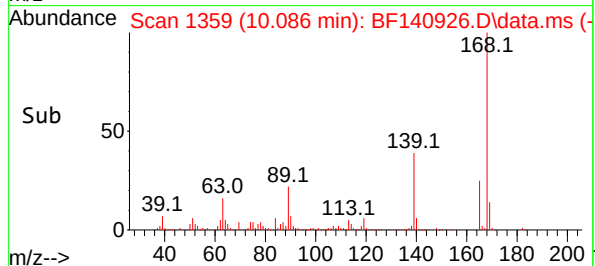
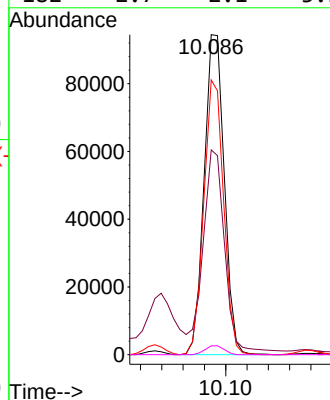
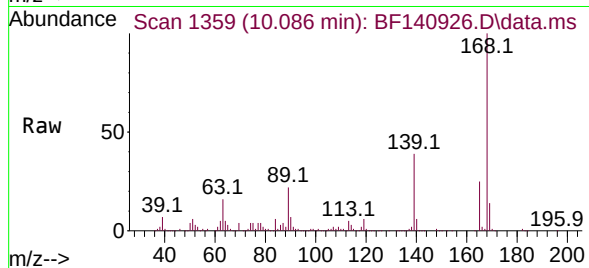




#57
2,4-Dinitrotoluene
Concen: 48.063 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

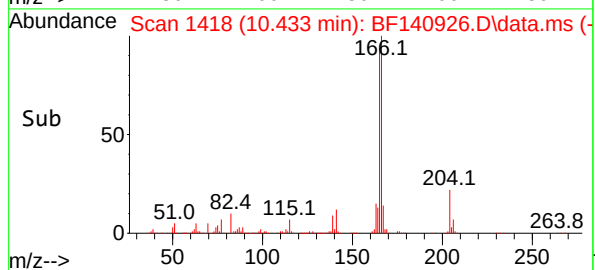
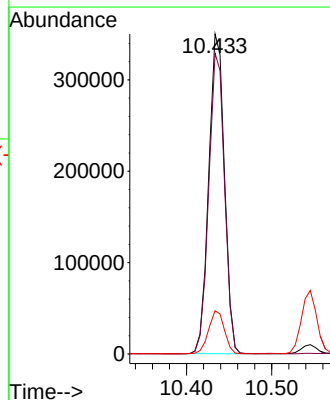
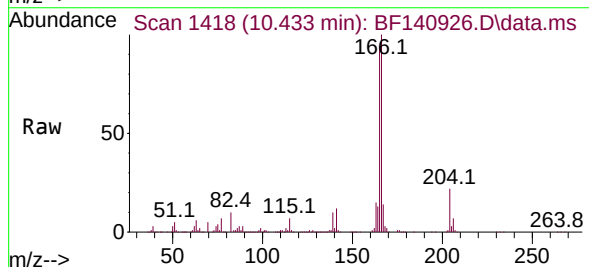
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

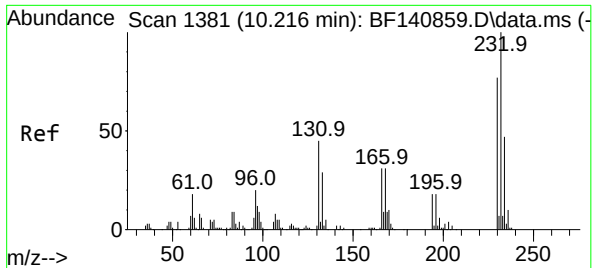
Tgt Ion:165 Resp: 124049
Ion Ratio Lower Upper
165 100
63 64.0 49.3 73.9
89 85.8 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 50.382 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:166 Resp: 447643
Ion Ratio Lower Upper
166 100
165 94.0 75.1 112.7
167 13.5 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.438 ng

RT: 10.222 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

Tgt Ion:232 Resp: 101425

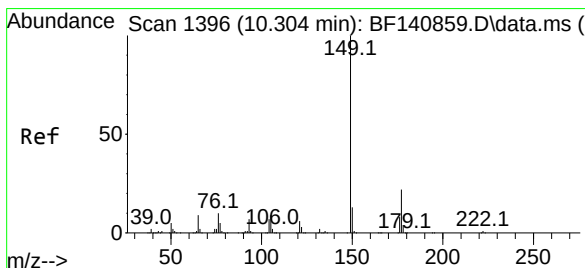
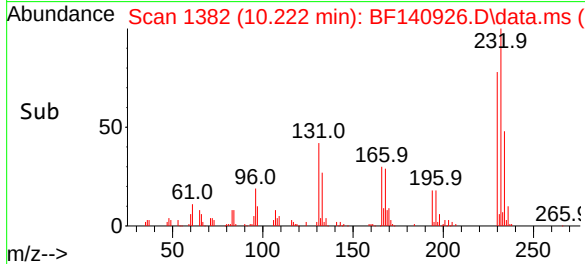
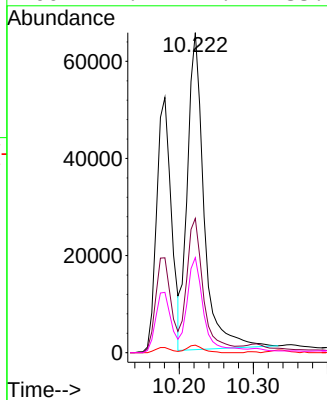
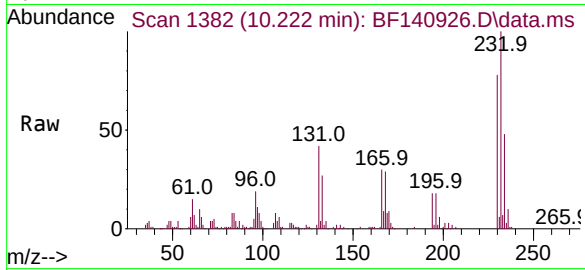
Ion Ratio Lower Upper

232 100

131 42.2 35.1 52.7

130 2.4 1.8 2.8

166 27.2 22.4 33.6



#60

Diethylphthalate

Concen: 49.610 ng

RT: 10.304 min Scan# 1396

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

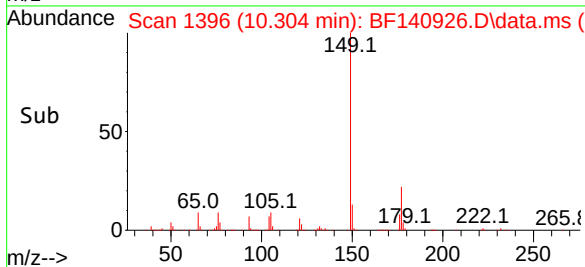
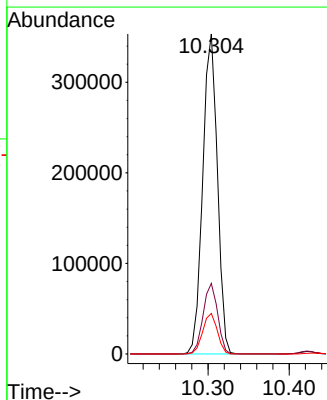
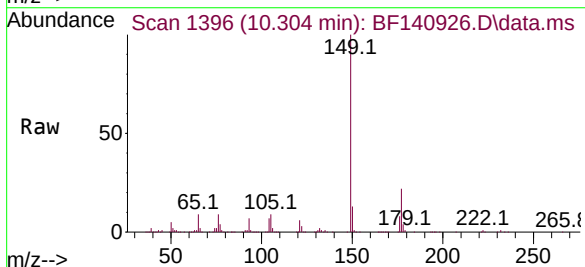
Tgt Ion:149 Resp: 441425

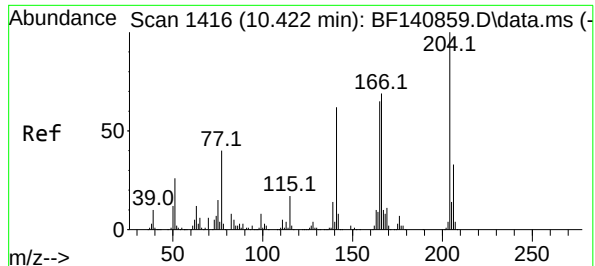
Ion Ratio Lower Upper

149 100

177 22.0 17.2 25.8

150 12.7 10.1 15.1

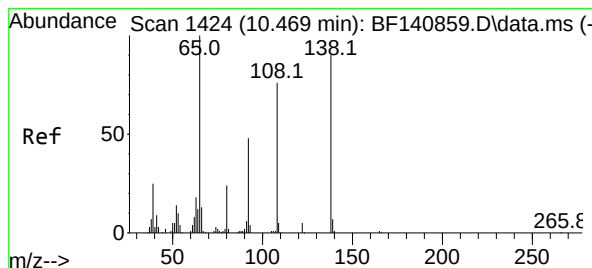
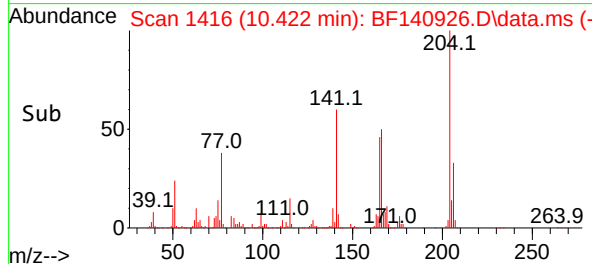
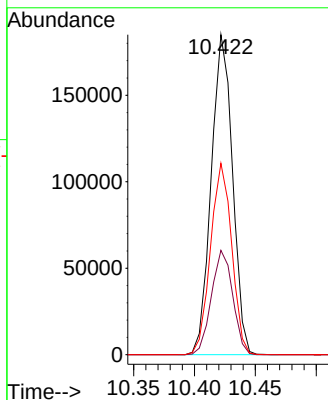
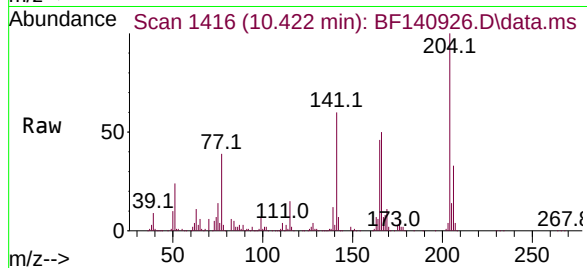




#61
4-Chlorophenyl-phenylether
Concen: 50.500 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

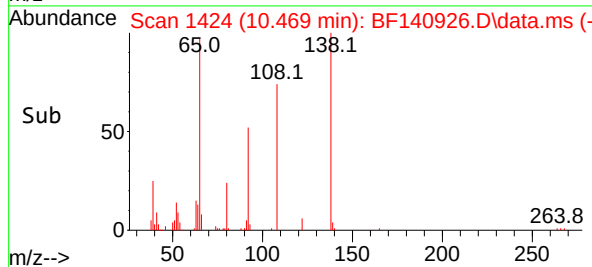
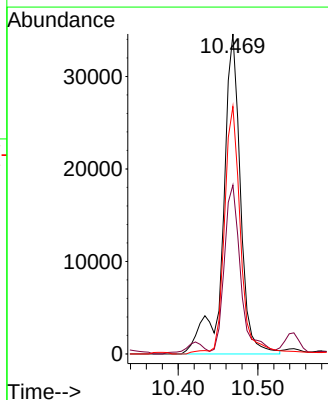
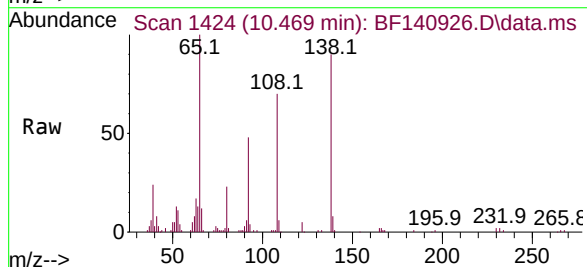
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

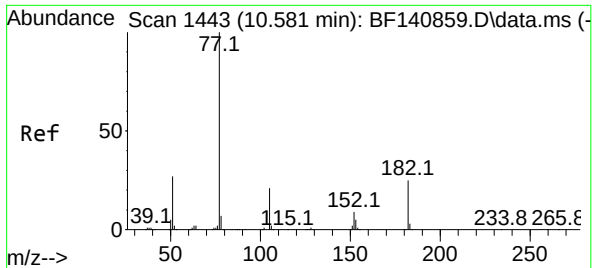
Tgt Ion:204 Resp: 225387
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 59.8 50.0 75.0



#62
4-Nitroaniline
Concen: 25.784 ng m
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:138 Resp: 52452
Ion Ratio Lower Upper
138 100
92 52.8 32.6 72.6
108 77.3 64.1 104.1

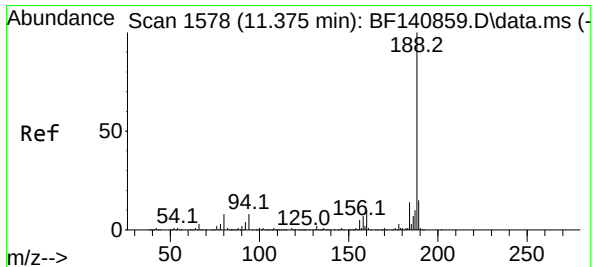
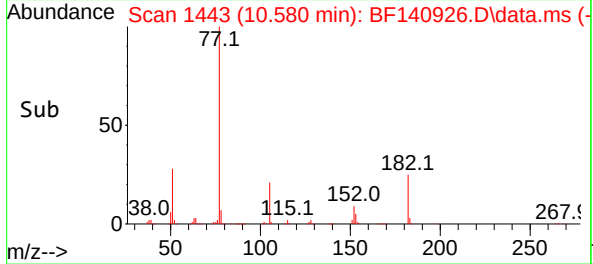
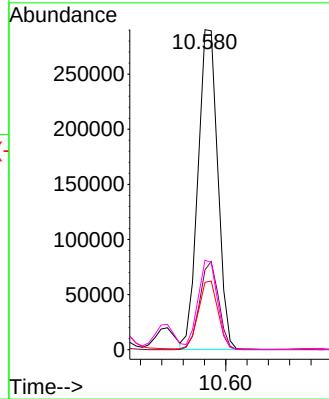
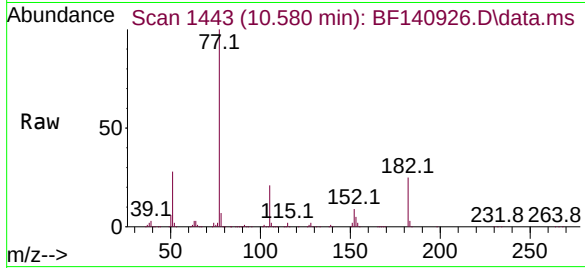




#63
Azobenzene
Concen: 44.726 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

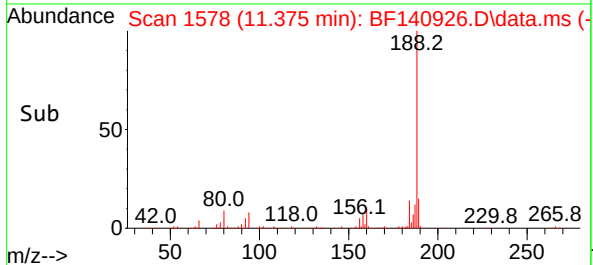
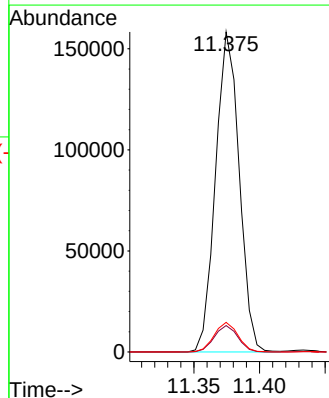
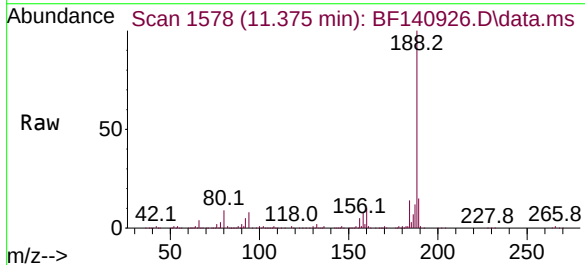
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

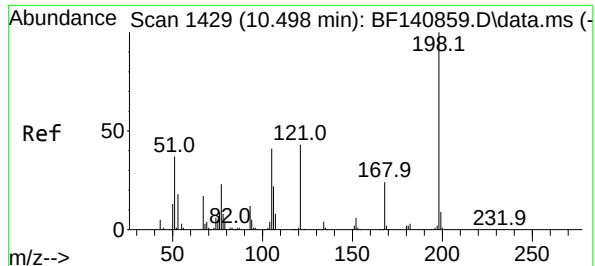
Tgt Ion:	77	Resp:	374141
Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.5	44.5
105	21.0	0.9	40.9
51	27.9	8.6	48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:	188	Resp:	198273
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	9.2	6.8	10.2

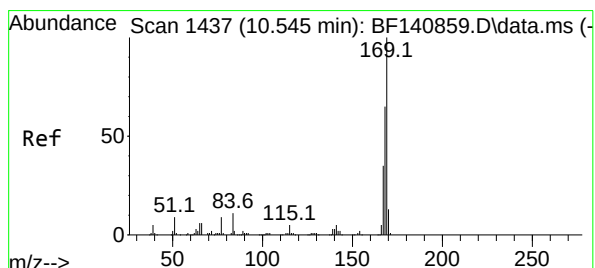
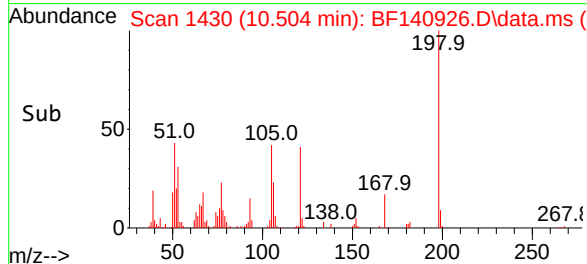
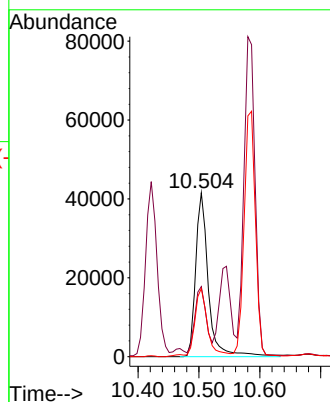
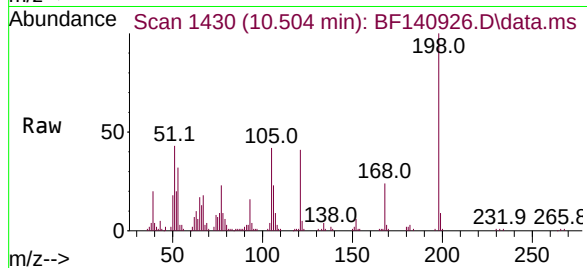




#65
4,6-Dinitro-2-methylphenol
Concen: 53.684 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

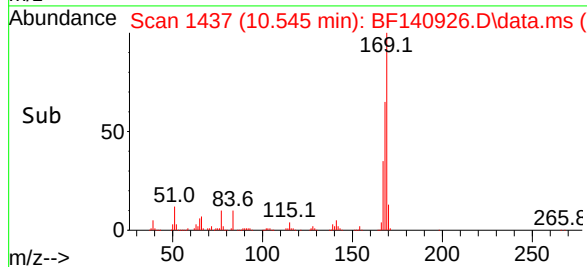
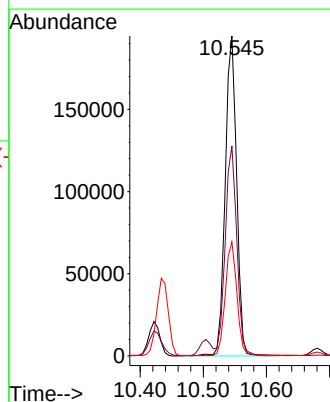
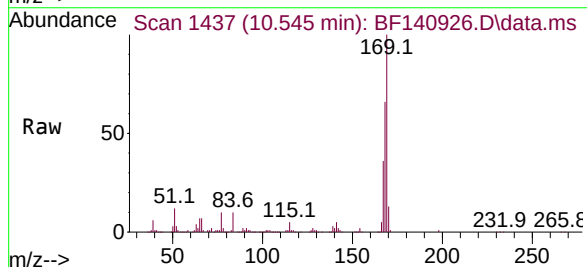
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

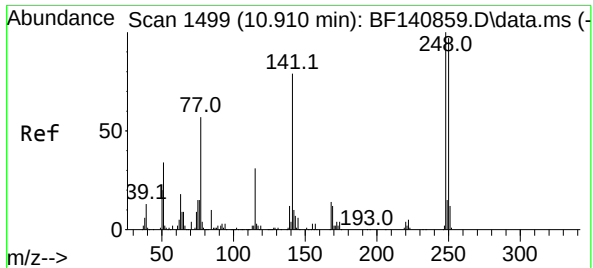
Tgt Ion:198 Resp: 60315
Ion Ratio Lower Upper
198 100
51 42.8 24.4 64.4
105 41.6 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 40.096 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:169 Resp: 244428
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.0
167 35.7 28.3 42.5

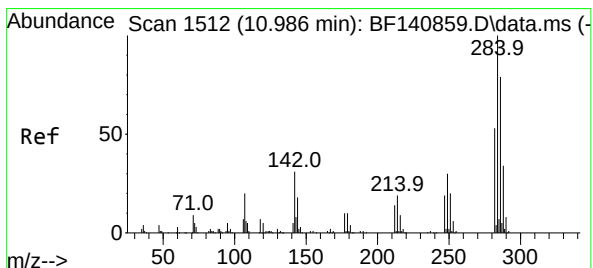
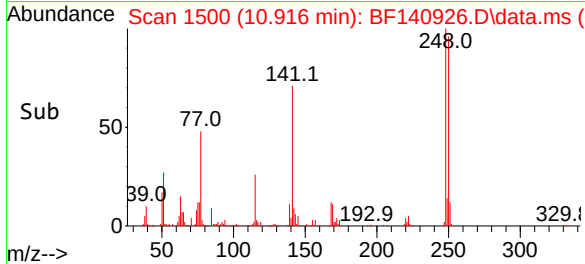
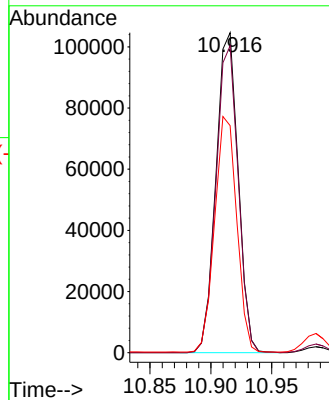
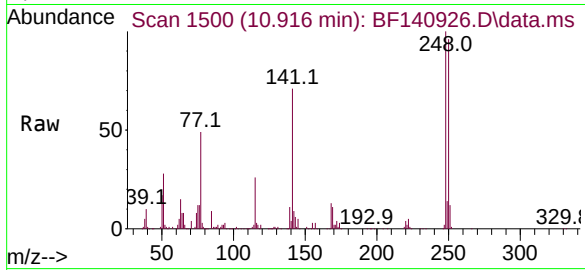




#67
4-Bromophenyl-phenylether
Concen: 59.838 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

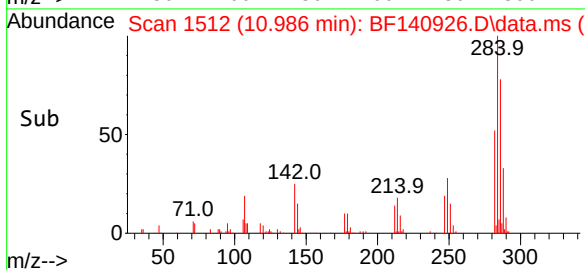
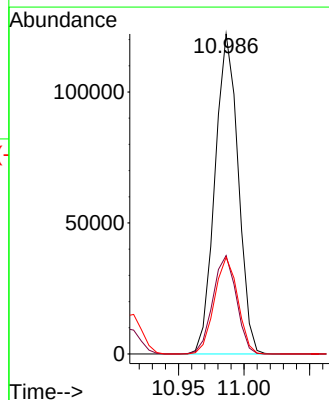
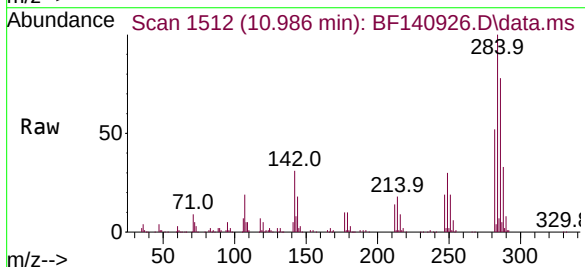
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

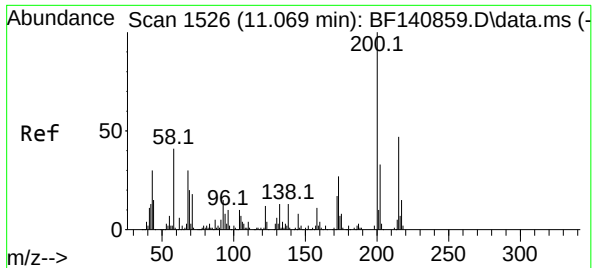
Tgt Ion:248 Resp: 132729
Ion Ratio Lower Upper
248 100
250 95.9 77.4 116.2
141 70.9 62.9 94.3



#68
Hexachlorobenzene
Concen: 59.736 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:284 Resp: 150230
Ion Ratio Lower Upper
284 100
142 30.7 24.6 36.8
249 30.2 24.3 36.5





#69

Atrazine

Concen: 12.105 ng

RT: 11.069 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

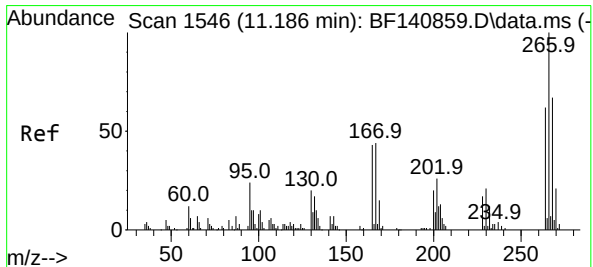
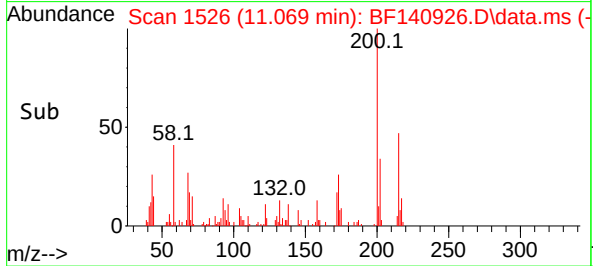
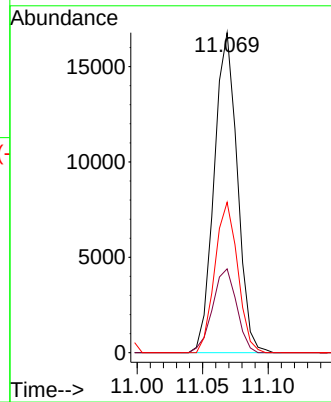
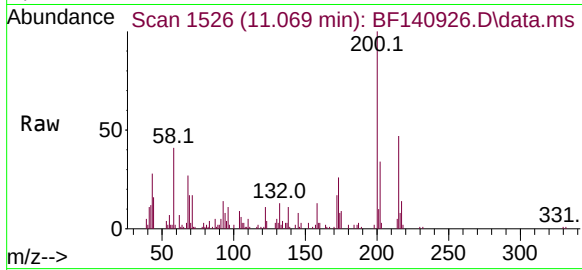
Tgt Ion:200 Resp: 20609

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

215 47.0 26.7 66.7



#70

Pentachlorophenol

Concen: 88.906 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

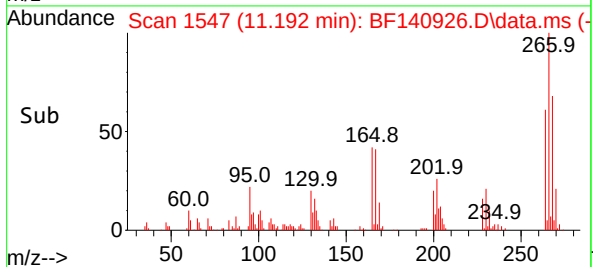
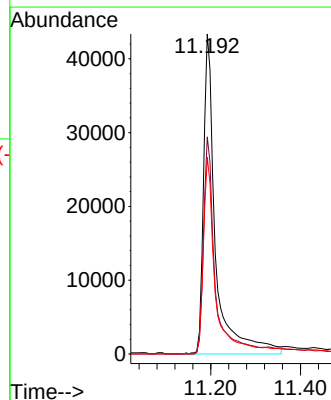
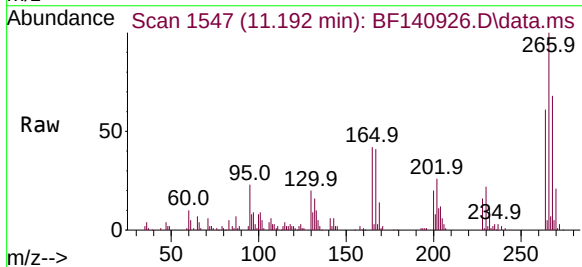
Tgt Ion:266 Resp: 81746

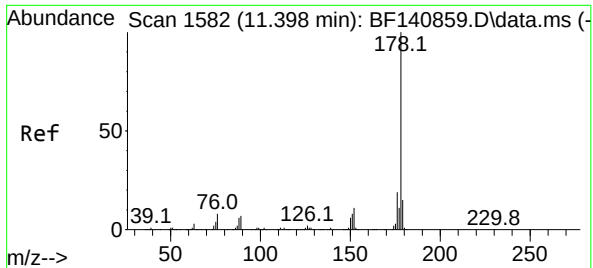
Ion Ratio Lower Upper

266 100

268 67.8 54.0 81.0

264 61.4 49.4 74.2





#71

Phenanthrene

Concen: 58.894 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

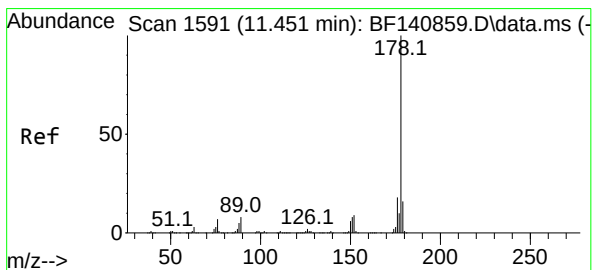
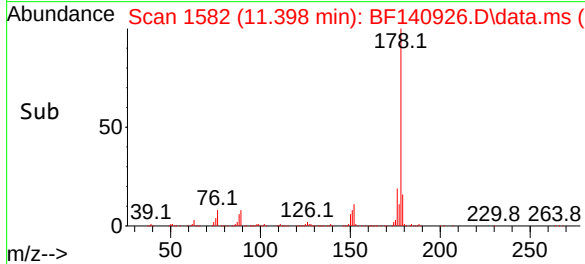
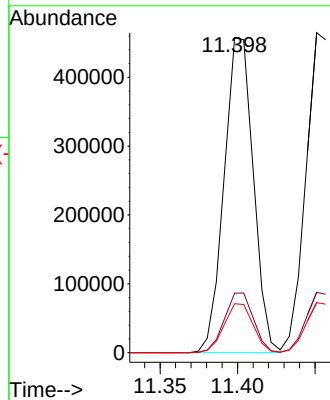
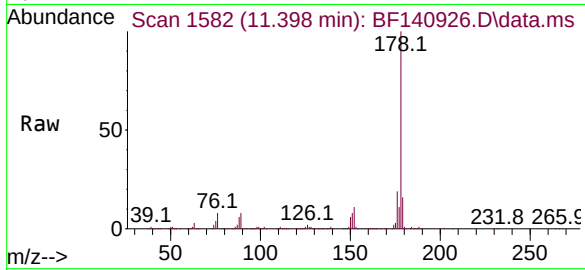
Tgt Ion:178 Resp: 600489

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.6 12.1 18.1



#72

Anthracene

Concen: 60.762 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

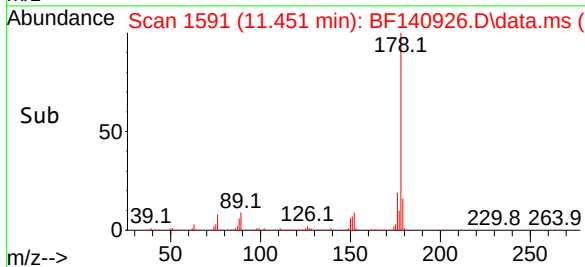
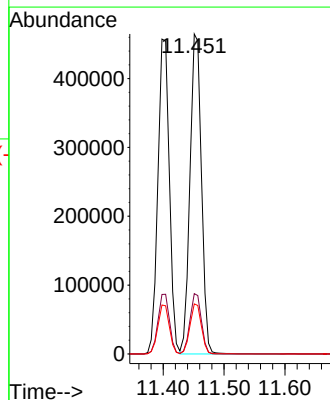
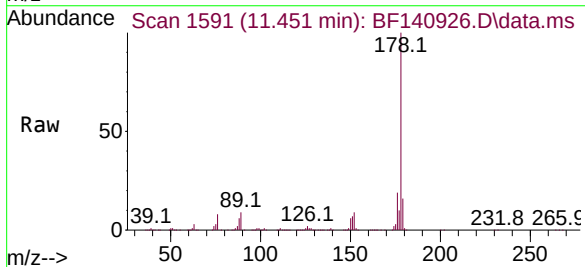
Tgt Ion:178 Resp: 610114

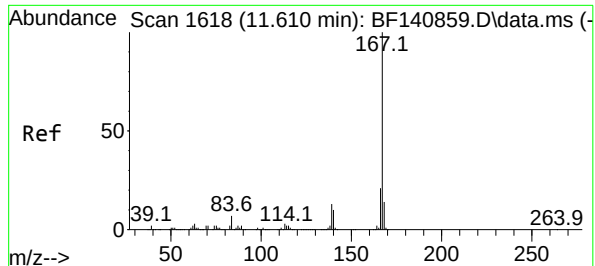
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.7 12.6 18.8





#73

Carbazole

Concen: 33.266 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

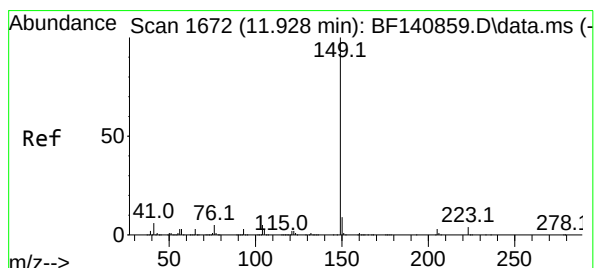
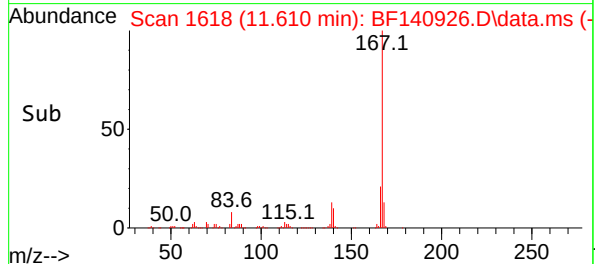
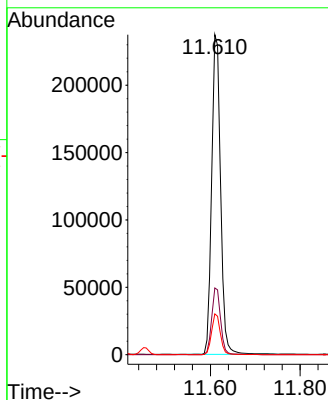
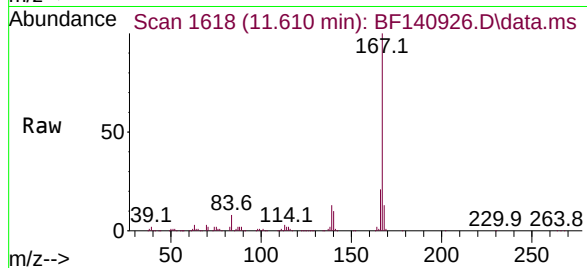
Tgt Ion:167 Resp: 327174

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 53.447 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

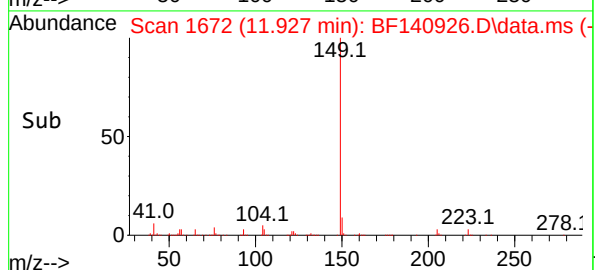
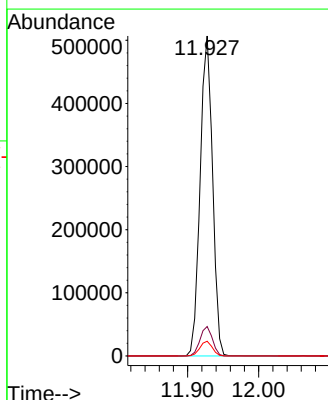
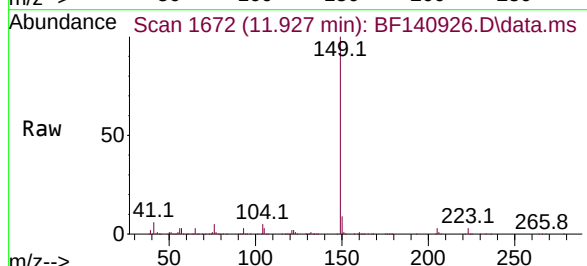
Tgt Ion:149 Resp: 616920

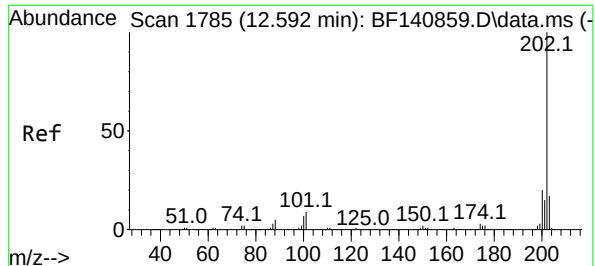
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 46.727 ng

RT: 12.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

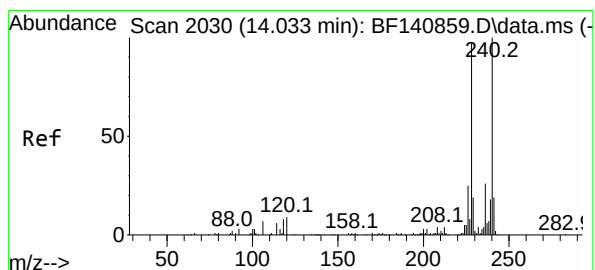
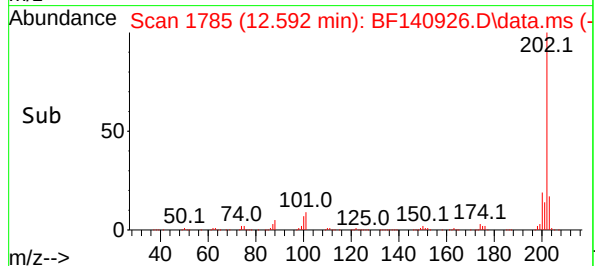
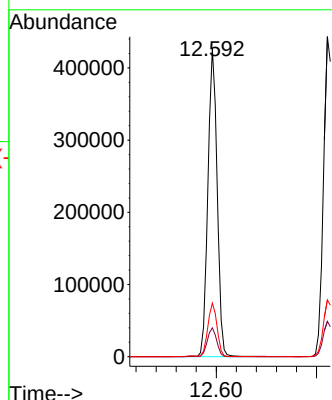
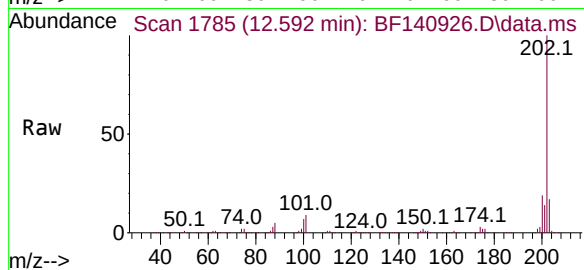
Tgt Ion:202 Resp: 548686

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.3

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

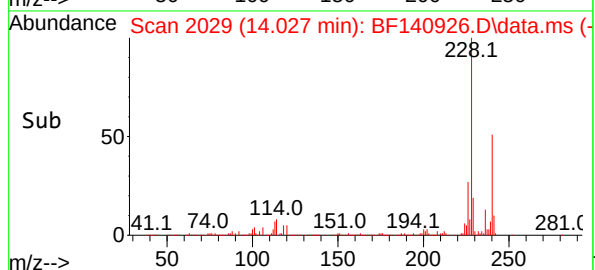
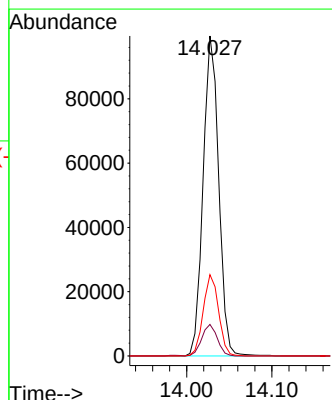
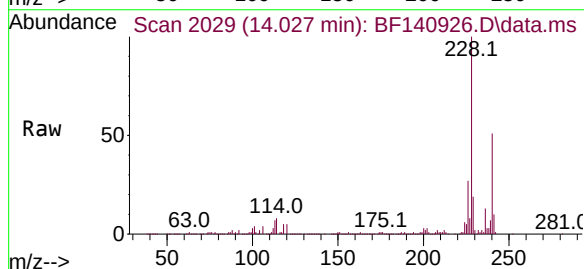
Tgt Ion:240 Resp: 126402

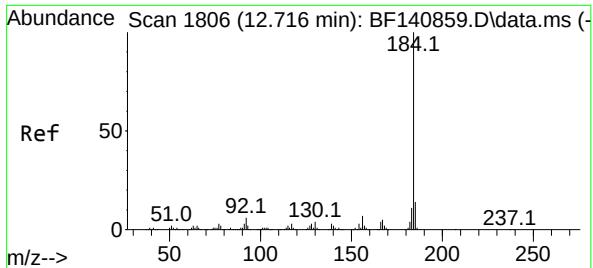
Ion Ratio Lower Upper

240 100

120 9.9 7.6 11.4

236 25.4 20.5 30.7

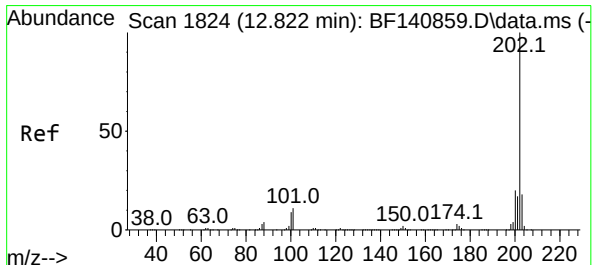
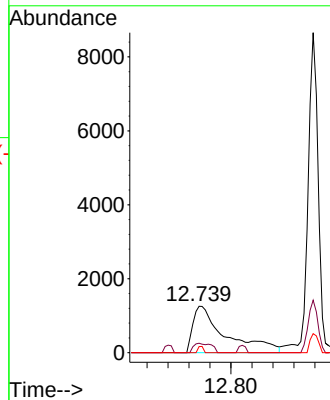
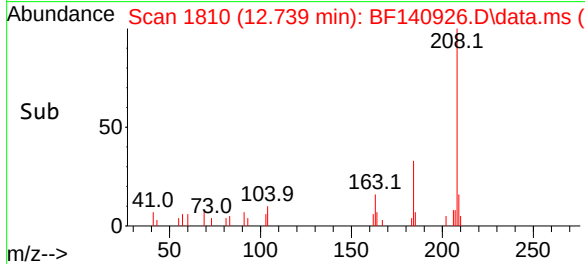
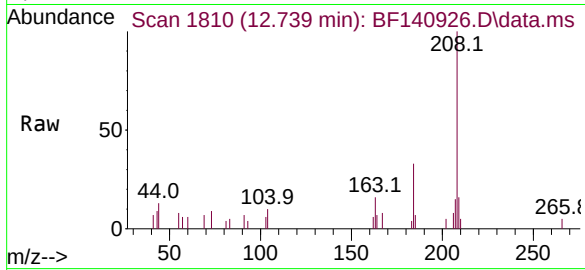




#77
Benzidine
Concen: 2.089 ng m
RT: 12.739 min Scan# 1810
Delta R.T. 0.023 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

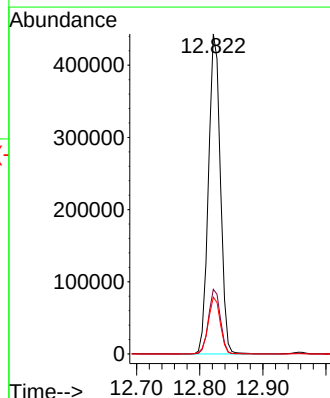
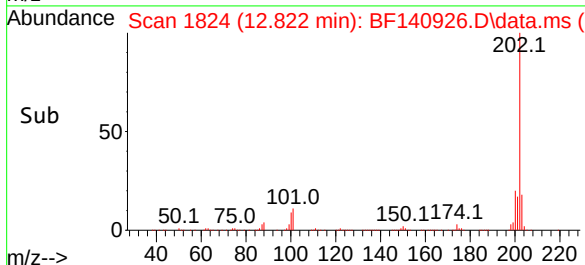
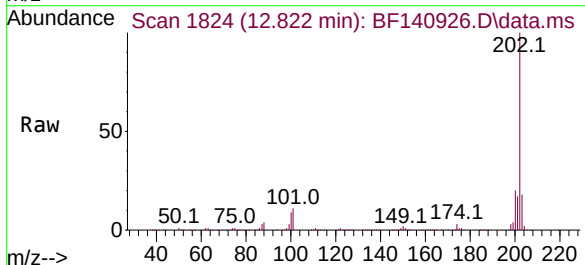
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

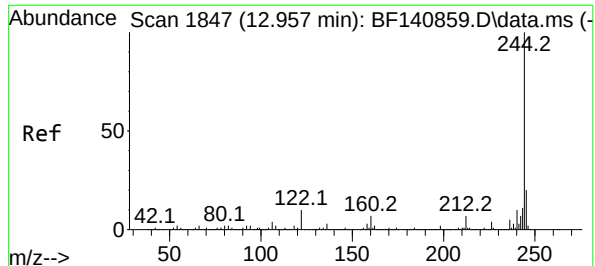
Tgt Ion:184 Resp: 5390
Ion Ratio Lower Upper
184 100
185 20.5 11.1 16.7#
183 13.2 9.0 13.4



#78
Pyrene
Concen: 51.729 ng
RT: 12.822 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:202 Resp: 581451
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 108.333 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140926.D

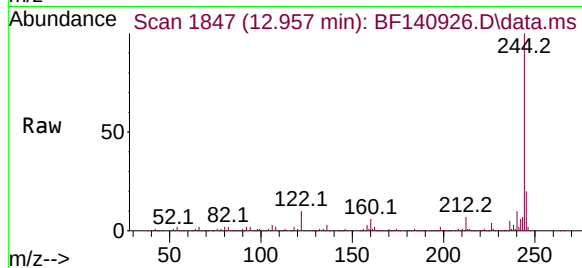
Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS



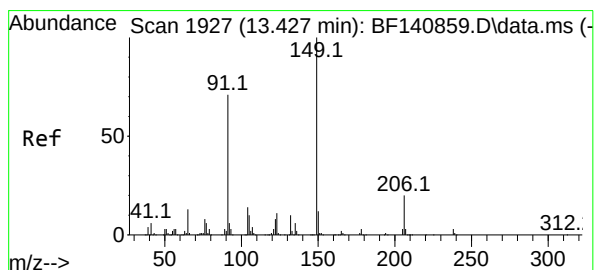
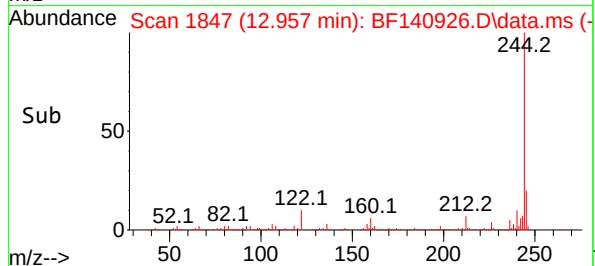
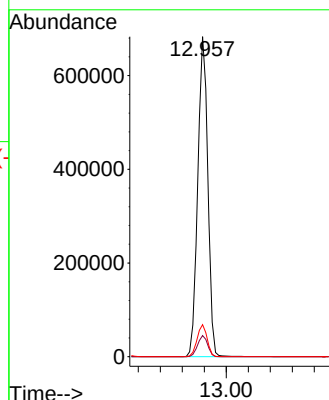
Tgt Ion:244 Resp: 868398

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 53.373 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

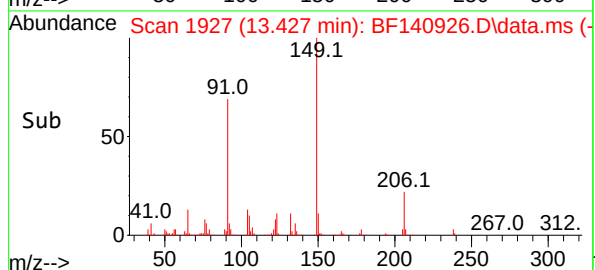
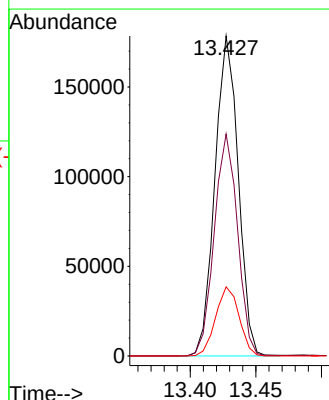
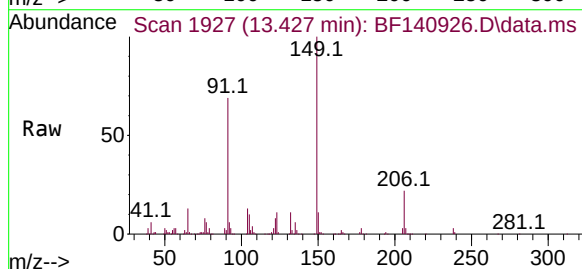
Tgt Ion:149 Resp: 220746

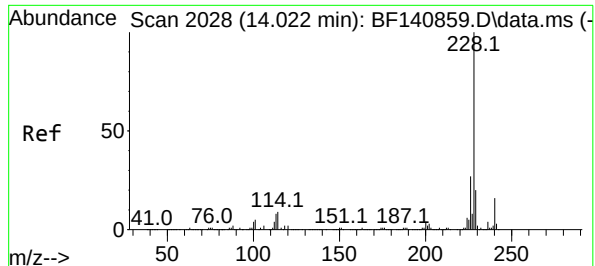
Ion Ratio Lower Upper

149 100

91 69.4 56.7 85.1

206 21.6 16.4 24.6

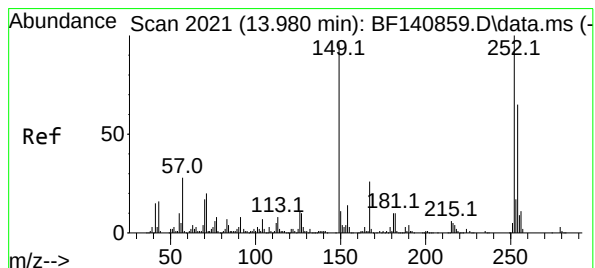
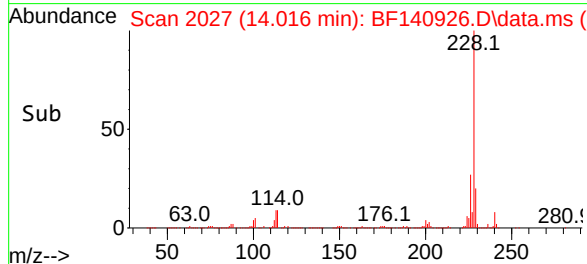
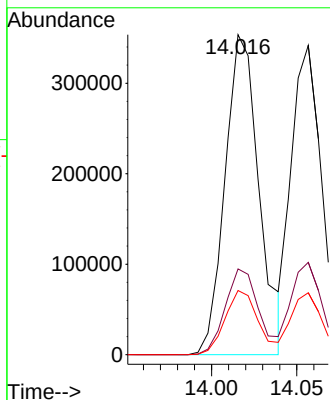
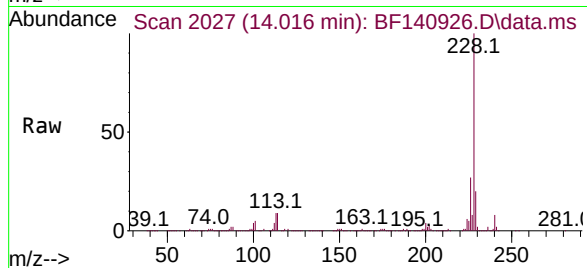




#81
Benzo(a)anthracene
Concen: 54.857 ng
RT: 14.016 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

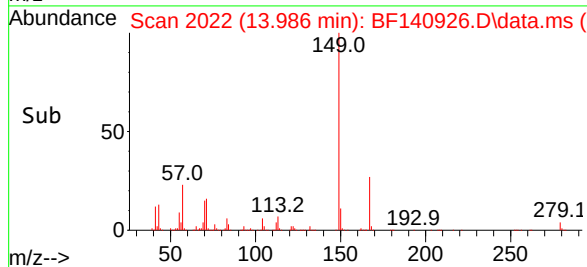
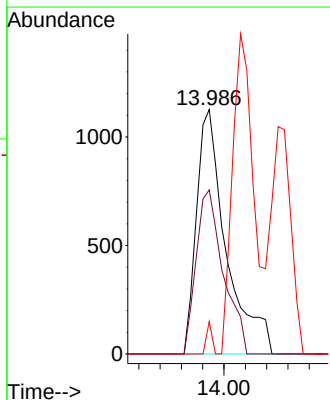
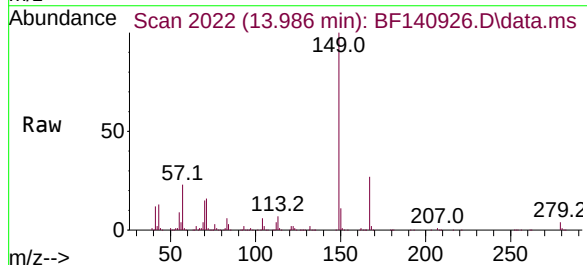
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

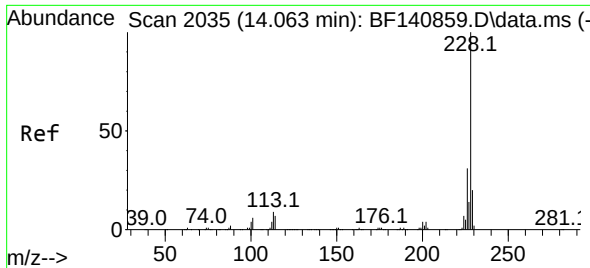
Tgt Ion:228 Resp: 491441
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 0.807 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:252 Resp: 2181
Ion Ratio Lower Upper
252 100
254 67.1 52.3 78.5
126 13.3 8.4 12.6#

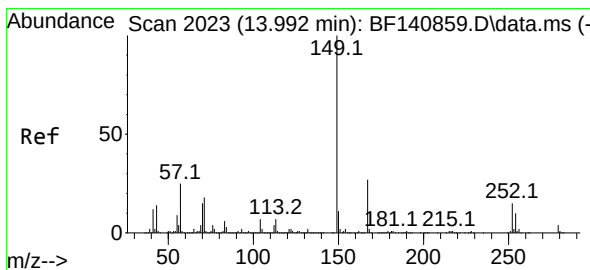
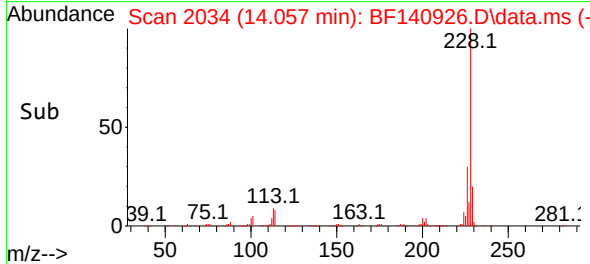
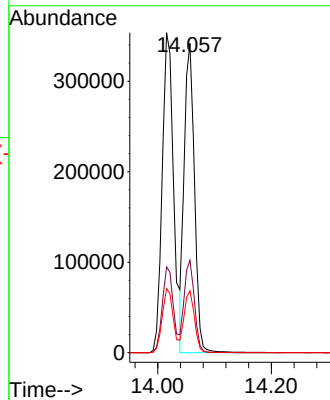
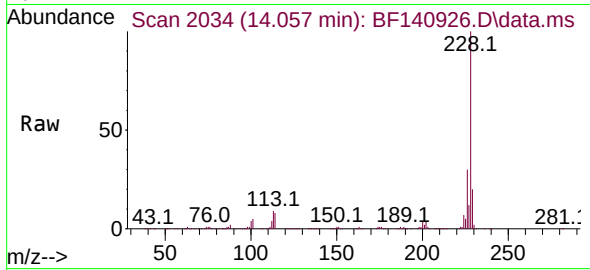




#83
Chrysene
Concen: 52.473 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

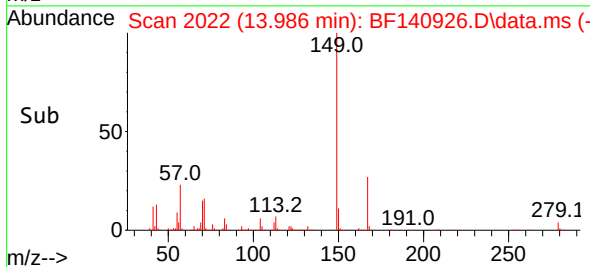
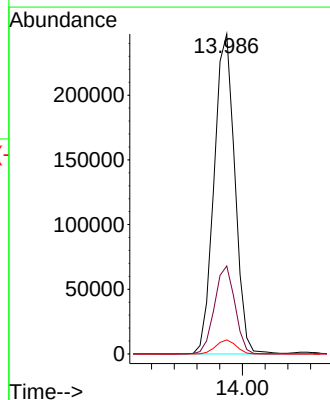
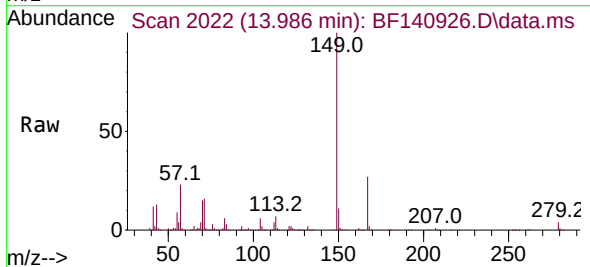
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

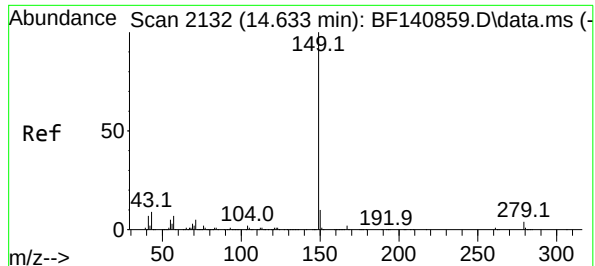
Tgt Ion:228 Resp: 427461
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.823 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:149 Resp: 313699
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.8
279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 58.812 ng

RT: 14.616 min Scan# 2132

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

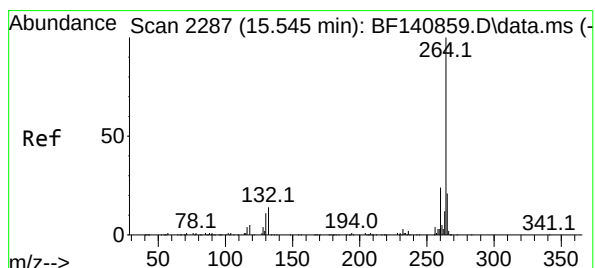
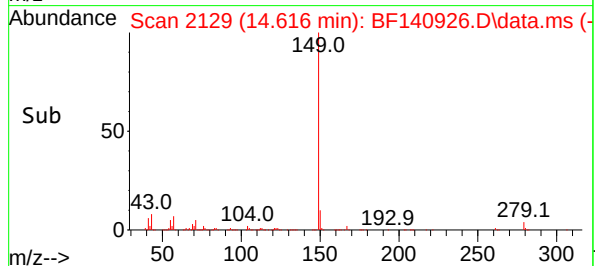
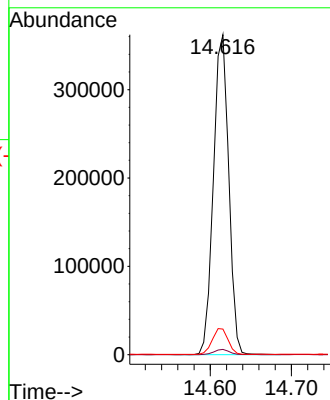
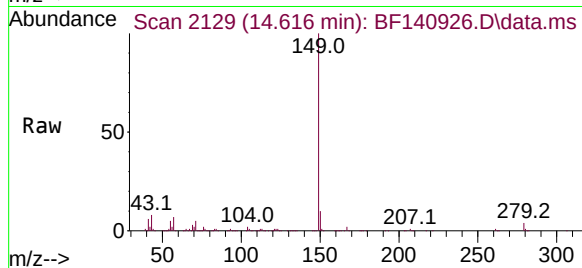
Tgt Ion:149 Resp: 474503

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

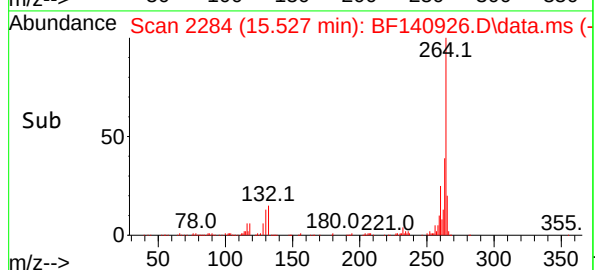
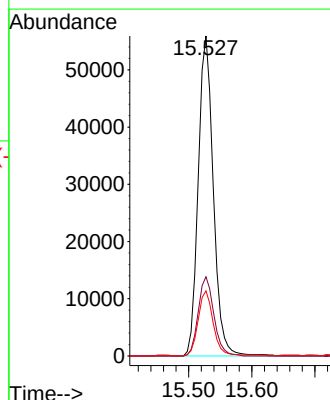
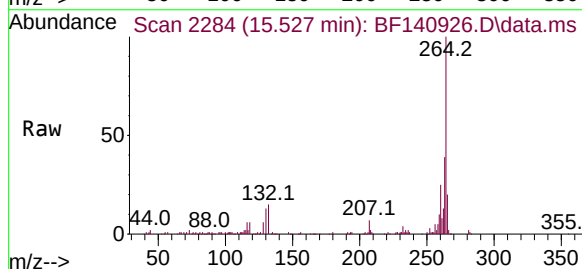
Tgt Ion:264 Resp: 92913

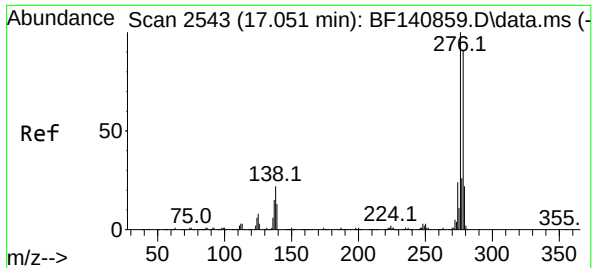
Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 20.4 17.0 25.4

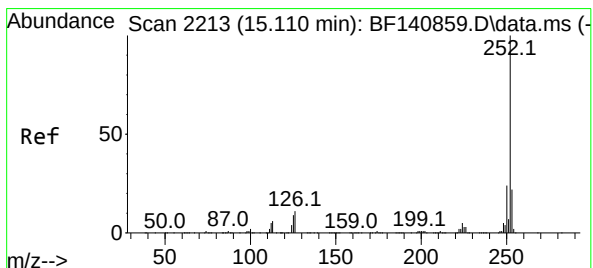
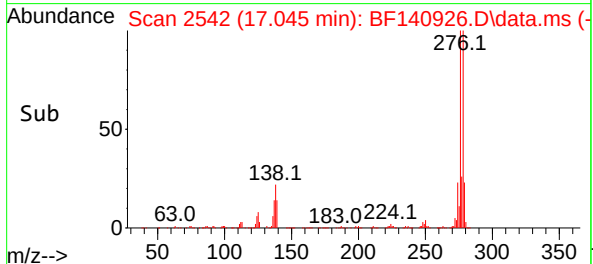
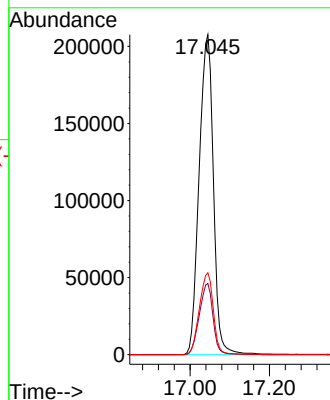
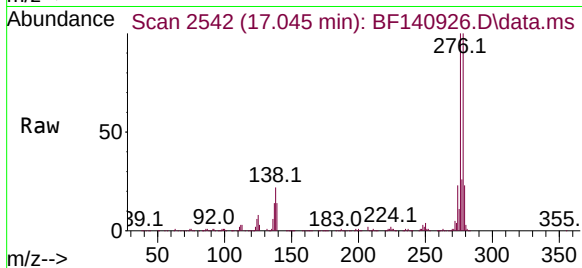




#87
Indeno(1,2,3-cd)pyrene
Concen: 89.515 ng
RT: 17.045 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

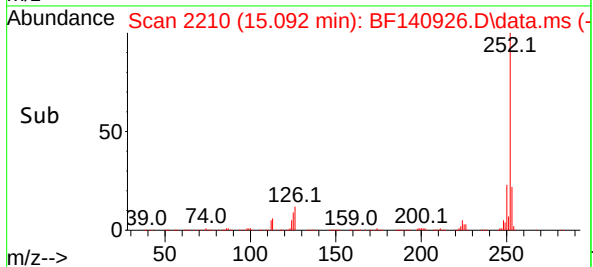
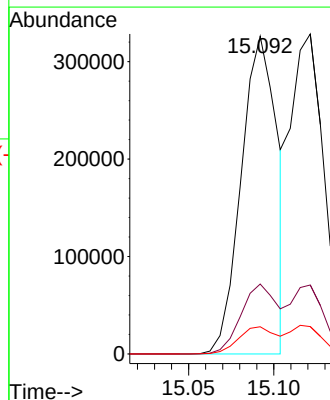
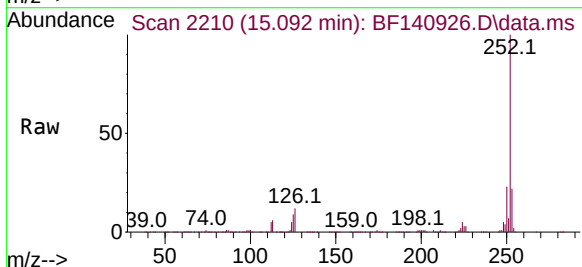
Instrument :
BNA_F
ClientSampleId :
WC-20241213MS

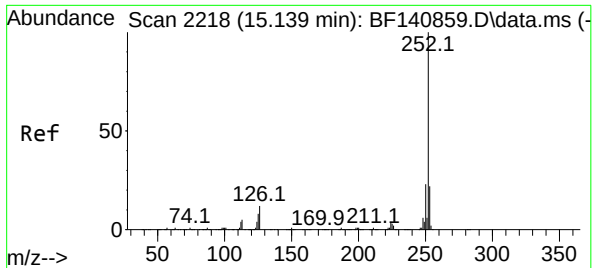
Tgt Ion:276 Resp: 519022
Ion Ratio Lower Upper
276 100
138 21.4 16.9 25.3
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 74.149 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.018 min
Lab File: BF140926.D
Acq: 19 Dec 2024 15:13

Tgt Ion:252 Resp: 478225
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 81.235 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

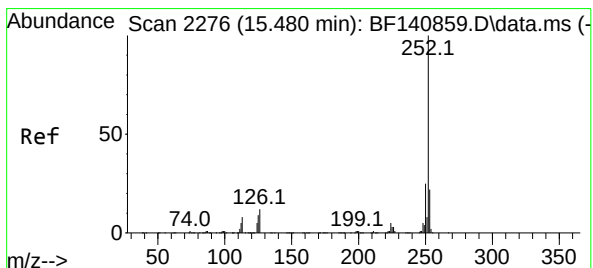
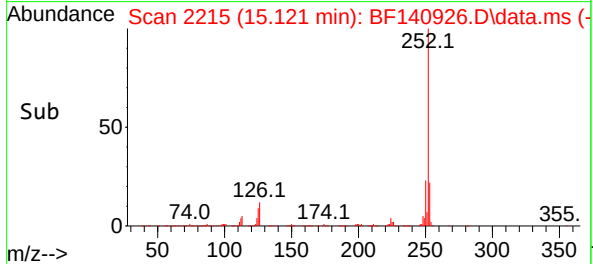
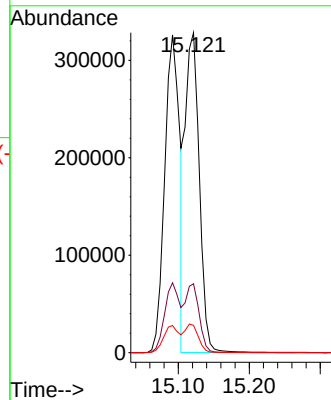
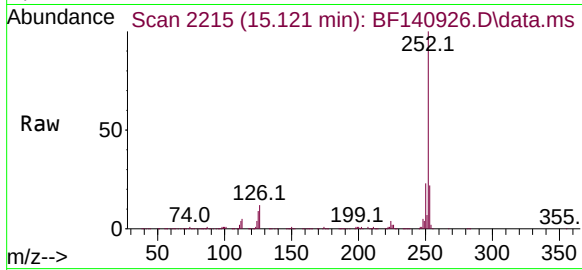
Tgt Ion:252 Resp: 449427

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.6 6.8 10.2



#90

Benzo(a)pyrene

Concen: 81.024 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.018 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

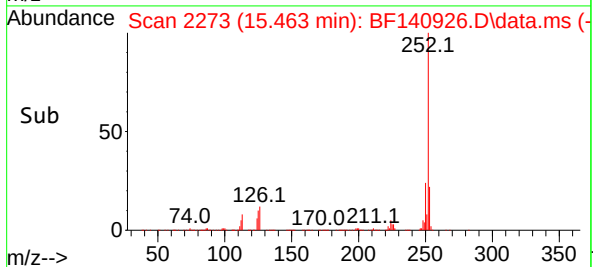
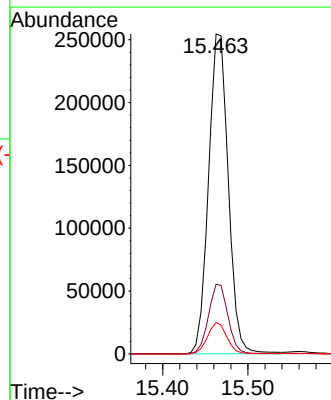
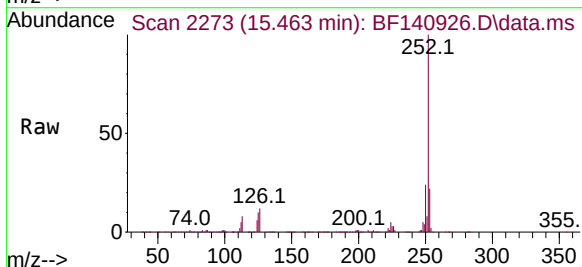
Tgt Ion:252 Resp: 409188

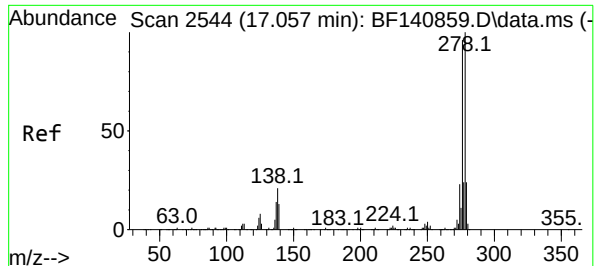
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.8 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 91.141 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

Instrument :

BNA_F

ClientSampleId :

WC-20241213MS

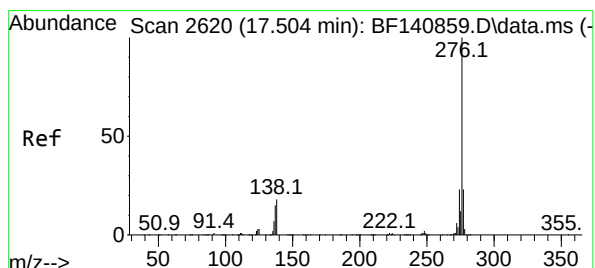
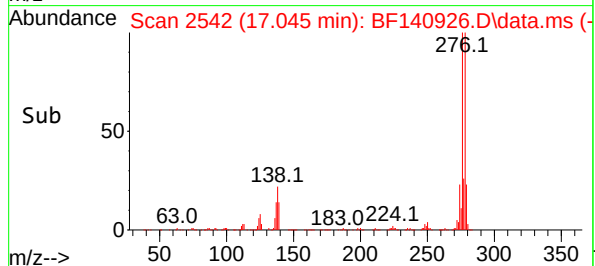
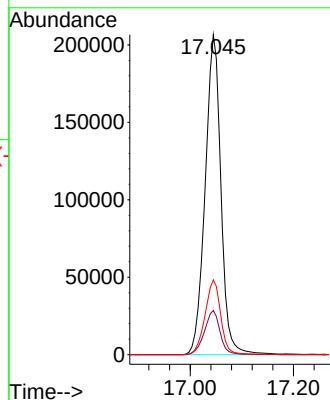
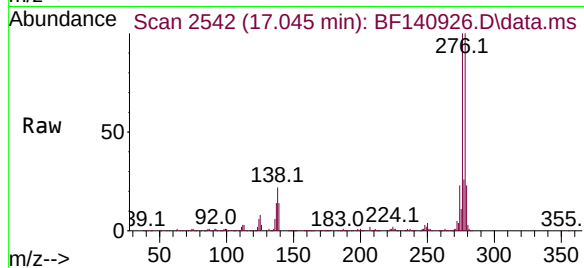
Tgt Ion:278 Resp: 437789

Ion Ratio Lower Upper

278 100

139 13.8 10.6 16.0

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 85.605 ng

RT: 17.498 min Scan# 2619

Delta R.T. -0.006 min

Lab File: BF140926.D

Acq: 19 Dec 2024 15:13

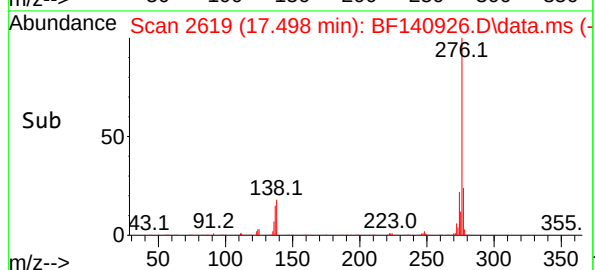
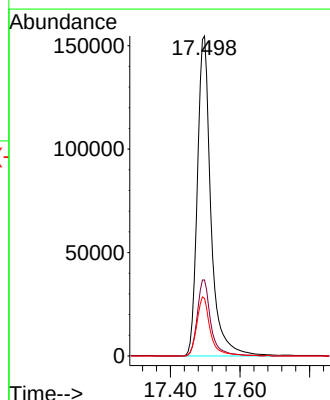
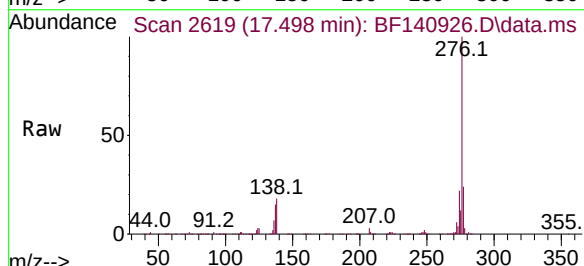
Tgt Ion:276 Resp: 418505

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.0 14.2 21.2



Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	WC-20241213MSD	SDG No.:	P5291
Lab Sample ID:	P5291-13MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140927.D	1	12/18/24 10:00	12/19/24 15:39	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	290		15.5	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	540		8.40	50.0	ug/L
95-48-7	2-Methylphenol	530		11.3	50.0	ug/L
65794-96-9	3+4-Methylphenols	530		11.5	100	ug/L
67-72-1	Hexachloroethane	540		10.1	50.0	ug/L
98-95-3	Nitrobenzene	520		12.7	50.0	ug/L
87-68-3	Hexachlorobutadiene	540		12.7	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	500		8.90	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	470		10.1	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	50.0	ug/L
118-74-1	Hexachlorobenzene	600		11.4	50.0	ug/L
87-86-5	Pentachlorophenol	940	E	18.5	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	179		10 - 139	120%	SPK: 150
13127-88-3	Phenol-d6	135		10 - 134	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		49 - 133	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		52 - 132	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		44 - 137	95%	SPK: 150
1718-51-0	Terphenyl-d14	105		48 - 125	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	51200		6.851		
1146-65-2	Naphthalene-d8	191000		8.128		
15067-26-2	Acenaphthene-d10	116000		9.886		
1517-22-2	Phenanthrene-d10	184000		11.374		
1719-03-5	Chrysene-d12	123000		14.033		
1520-96-3	Perylene-d12	89800		15.539		

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	12/13/24
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	12/16/24
Client Sample ID:	WC-20241213MSD	SDG No.:	P5291
Lab Sample ID:	P5291-13MSD	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140927.D	1	12/18/24 10:00	12/19/24 15:39	PB165719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BF121924\
 Data File : BF140927.D
 Acq On : 19 Dec 2024 15:39
 Operator : RC/JU
 Sample : P5291-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

Quant Time: Dec 19 16:08:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	51170	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	191371	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	116350	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	183633	20.000	ng	0.00
76) Chrysene-d12	14.033	240	122848	20.000	ng	0.00
86) Perylene-d12	15.539	264	89792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	557766	179.438	ng	0.01
7) Phenol-d6	6.504	99	554600	134.706	ng	0.00
23) Nitrobenzene-d5	7.416	82	417843	109.239	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	195330	141.946	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	854191	100.935	ng	0.00
79) Terphenyl-d14	12.957	244	816739	104.836	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	66332	49.542	ng	99
3) Pyridine	3.451	79	90816	29.289	ng	98
4) n-Nitrosodimethylamine	3.381	42	86780	55.517	ng	97
6) Aniline	6.522	93	35293	10.026	ng	# 1
8) 2-Chlorophenol	6.645	128	189102	55.787	ng	99
9) Benzaldehyde	6.416	77	12468	5.465	ng	95
10) Phenol	6.516	94	196380	46.022	ng	80
11) bis(2-Chloroethyl)ether	6.587	93	177728	55.850	ng	100
12) 1,3-Dichlorobenzene	6.787	146	207339	53.680	ng	99
13) 1,4-Dichlorobenzene	6.869	146	210495	53.688	ng	100
14) 1,2-Dichlorobenzene	7.016	146	200550	54.214	ng	99
15) Benzyl Alcohol	6.998	79	143200	48.646	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	215263	57.423	ng	94
17) 2-Methylphenol	7.122	107	142220	52.552	ng	98
18) Hexachloroethane	7.351	117	78126	53.526	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	135304	54.787	ng	99
20) 3+4-Methylphenols	7.275	107	190394	53.055	ng	# 80
22) Acetophenone	7.263	105	268404	56.067	ng	95
24) Nitrobenzene	7.434	77	205391	52.414	ng	98
25) Isophorone	7.675	82	364074	56.806	ng	100
26) 2-Nitrophenol	7.751	139	103729	57.474	ng	97
27) 2,4-Dimethylphenol	7.792	122	142840	67.770	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	220667	55.126	ng	98
29) 2,4-Dichlorophenol	8.004	162	162086	55.701	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	176343	52.864	ng	100
31) Naphthalene	8.151	128	610888	58.112	ng	100
32) Benzoic acid	7.939	122	75751	37.895	ng	99
33) 4-Chloroaniline	8.239	127	33916	9.714	ng	97
34) Hexachlorobutadiene	8.263	225	122099	54.403	ng	100
35) Caprolactam	8.581	113	36579m	42.224	ng	
36) 4-Chloro-3-methylphenol	8.704	107	172407	52.641	ng	99
37) 2-Methylnaphthalene	8.839	142	390527	56.160	ng	100
38) 1-Methylnaphthalene	8.939	142	363904	52.914	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	190695	53.324	ng	100
41) Hexachlorocyclopentadiene	8.992	237	83124	70.496	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	109275	49.902	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140927.D
 Acq On : 19 Dec 2024 15:39
 Operator : RC/JU
 Sample : P5291-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

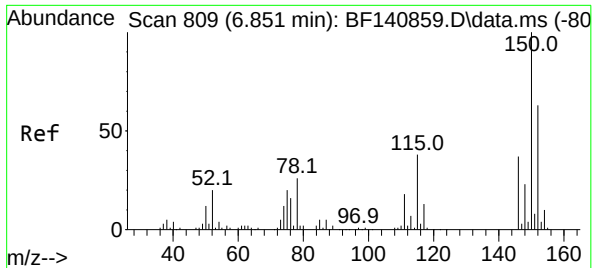
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	111961	46.518	ng	98
46) 1,1'-Biphenyl	9.304	154	500084	54.052	ng	99
47) 2-Chloronaphthalene	9.333	162	372389	52.613	ng	100
48) 2-Nitroaniline	9.439	65	101537	47.500	ng	93
49) Acenaphthylene	9.745	152	616563	59.277	ng	99
50) Dimethylphthalate	9.604	163	451954	55.096	ng	100
51) 2,6-Dinitrotoluene	9.680	165	96579	51.501	ng	90
52) Acenaphthene	9.916	154	366286	55.128	ng	100
53) 3-Nitroaniline	9.857	138	14565	7.826	ng	100
54) 2,4-Dinitrophenol	9.975	184	88915	95.772	ng	92
55) Dibenzofuran	10.092	168	553087	53.720	ng	100
56) 4-Nitrophenol	10.045	139	50664	52.243	ng	98
57) 2,4-Dinitrotoluene	10.092	165	126004	51.069	ng	96
58) Fluorene	10.433	166	429686	50.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	98397	50.171	ng	98
60) Diethylphthalate	10.304	149	422199	49.634	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	216006	50.627	ng	99
62) 4-Nitroaniline	10.469	138	52024m	26.751	ng	
63) Azobenzene	10.586	77	394801	49.370	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	64738	62.214	ng	96
66) n-Nitrosodiphenylamine	10.545	169	257939	45.686	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	125658	61.167	ng	96
68) Hexachlorobenzene	10.986	284	140192	60.189	ng	99
69) Atrazine	11.069	200	21893	13.884	ng	96
70) Pentachlorophenol	11.192	266	80143	94.112	ng	99
71) Phenanthrene	11.398	178	571398	60.509	ng	99
72) Anthracene	11.451	178	576379	61.978	ng	99
73) Carbazole	11.610	167	308077	33.822	ng	100
74) Di-n-butylphthalate	11.927	149	610767	57.133	ng	99
75) Fluoranthene	12.592	202	563657	51.829	ng	100
77) Benzidine	12.745	184	4310m	1.719	ng	
78) Pyrene	12.821	202	571583	52.322	ng	99
80) Butylbenzylphthalate	13.427	149	216729	53.918	ng	100
81) Benzo(a)anthracene	14.021	228	475492	54.613	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	2474m	0.942	ng	
83) Chrysene	14.063	228	447642	56.540	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	305871	59.014	ng	100
85) Di-n-octyl phthalate	14.627	149	490124	62.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	584171	104.254	ng	99
88) Benzo(b)fluoranthene	15.104	252	486714	78.088	ng	100
89) Benzo(k)fluoranthene	15.133	252	384189	71.857	ng	100
90) Benzo(a)pyrene	15.480	252	408017	83.600	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	502471	108.242	ng	99
92) Benzo(g,h,i)perylene	17.509	276	427180	90.416	ng	99

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

Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

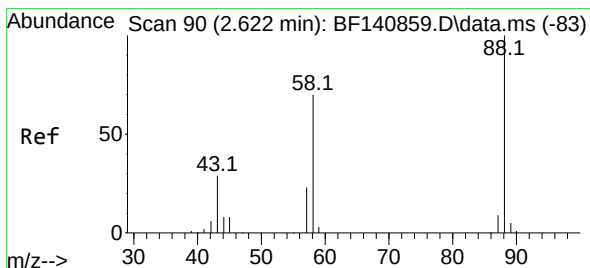
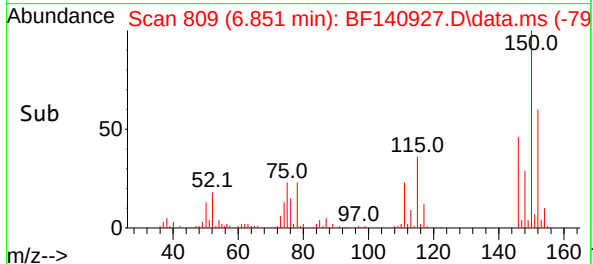
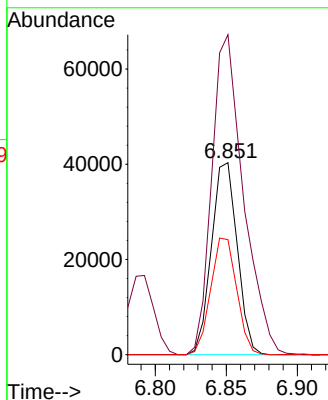
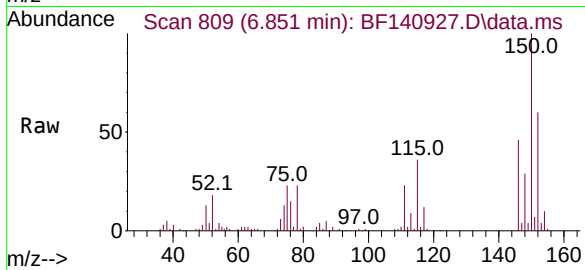
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

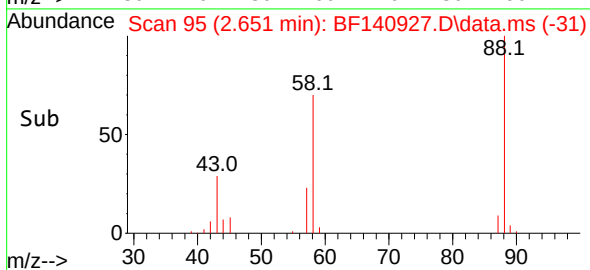
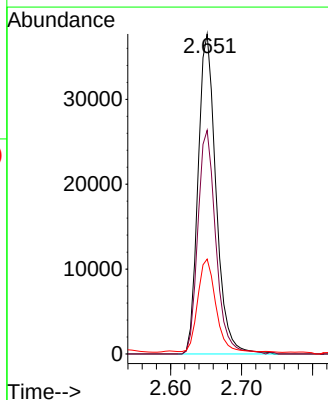
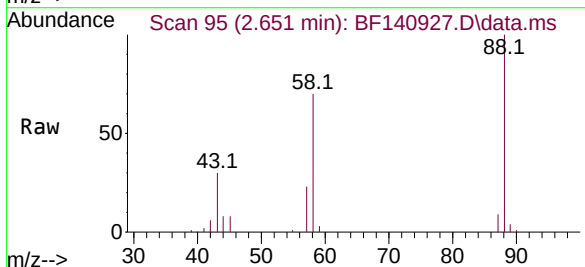
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

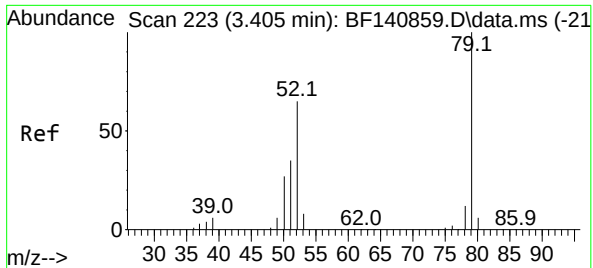
Tgt Ion:152 Resp: 51170
Ion Ratio Lower Upper
152 100
150 166.7 127.9 191.9
115 60.0 48.0 72.0



#2
1,4-Dioxane
Concen: 49.542 ng
RT: 2.651 min Scan# 95
Delta R.T. 0.029 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 88 Resp: 66332
Ion Ratio Lower Upper
88 100
58 70.0 55.8 83.8
43 29.7 22.7 34.1

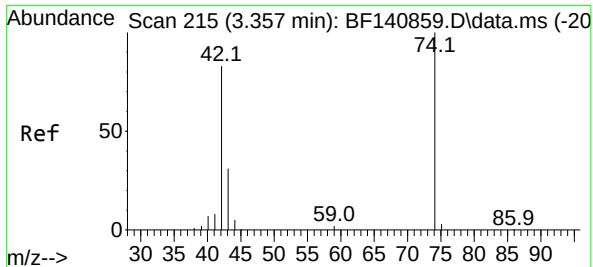
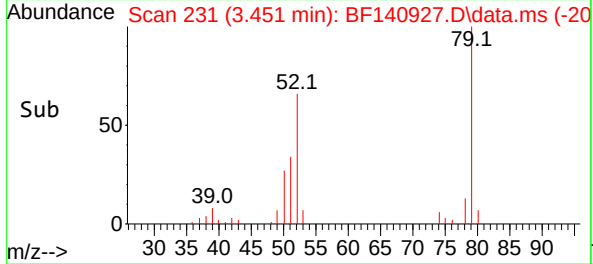
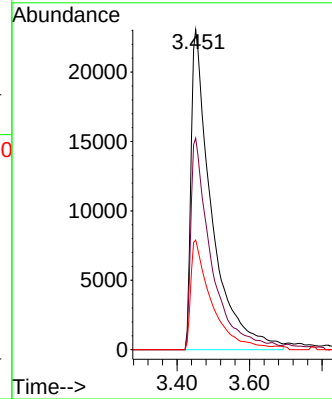
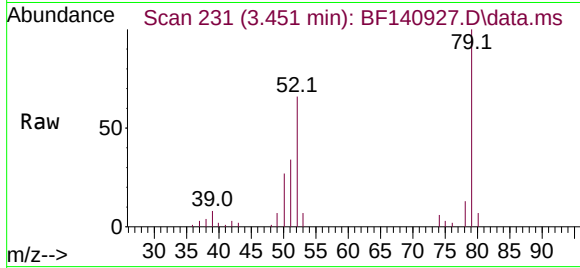




#3
Pyridine
Concen: 29.289 ng
RT: 3.451 min Scan# 219
Delta R.T. 0.047 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

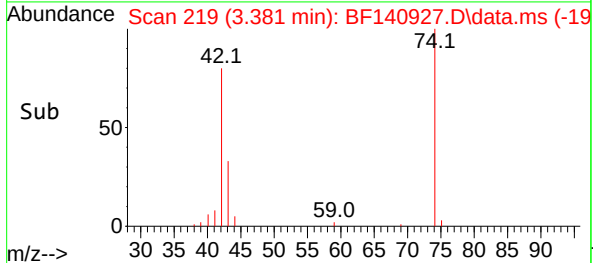
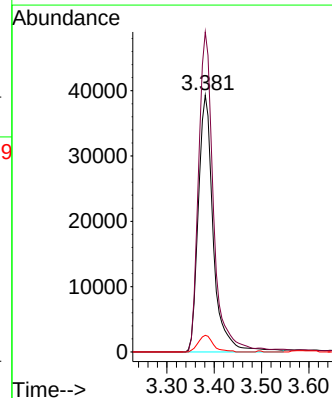
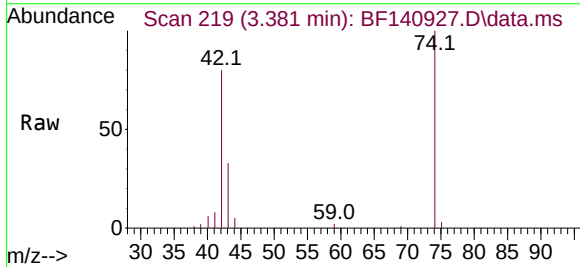
Instrument :
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ClientSampleId :
WC-20241213MSD

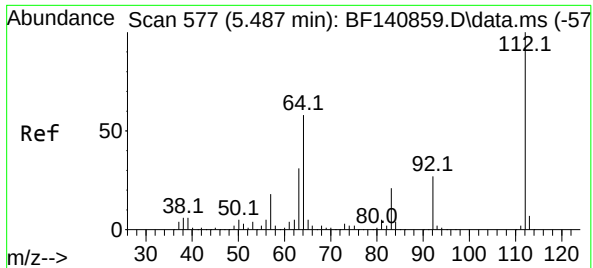
Tgt Ion:	79	Resp:	90816
Ion	Ratio	Lower	Upper
79	100		
52	66.1	51.7	77.5
51	34.3	28.2	42.4



#4
n-Nitrosodimethylamine
Concen: 55.517 ng
RT: 3.381 min Scan# 219
Delta R.T. 0.023 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:	42	Resp:	86780
Ion	Ratio	Lower	Upper
42	100		
74	124.6	96.9	145.3
44	6.5	4.4	6.6

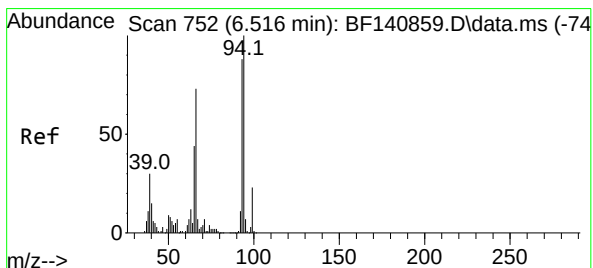
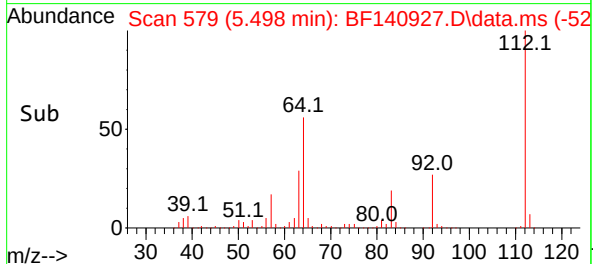
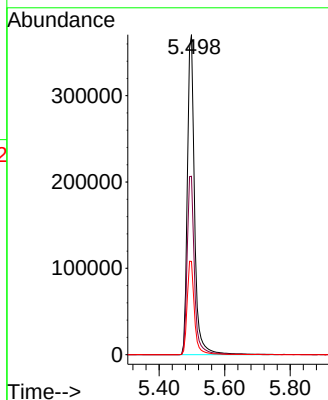
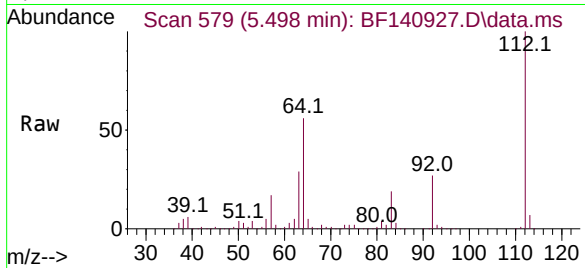




#5
2-Fluorophenol
Concen: 179.438 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

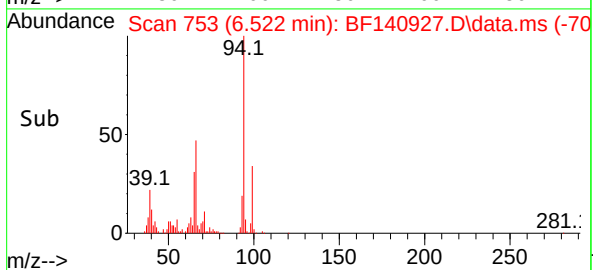
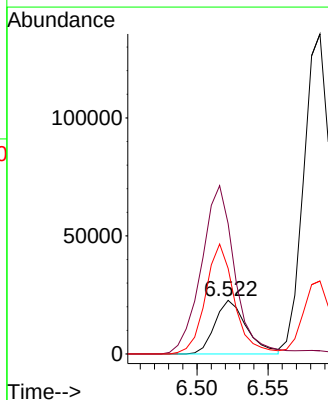
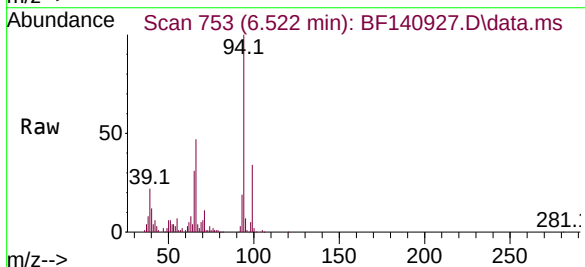
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

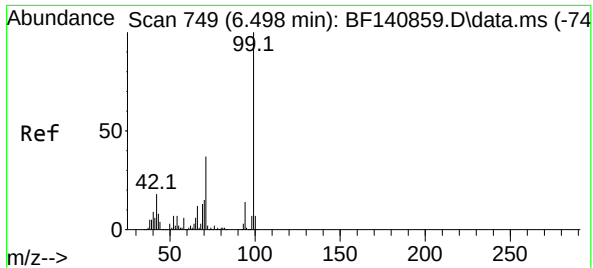
Tgt Ion:112 Resp: 557766
Ion Ratio Lower Upper
112 100
64 55.7 46.1 69.1
63 29.2 24.9 37.3



#6
Aniline
Concen: 10.026 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 93 Resp: 35293
Ion Ratio Lower Upper
93 100
66 243.4 67.0 100.4#
65 160.0 40.4 60.6#

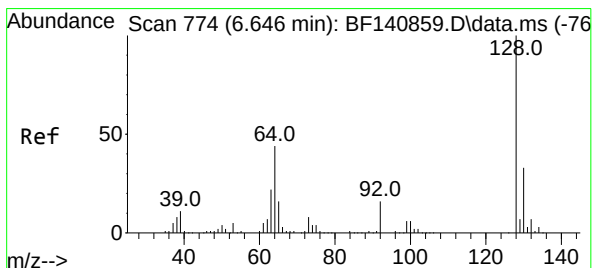
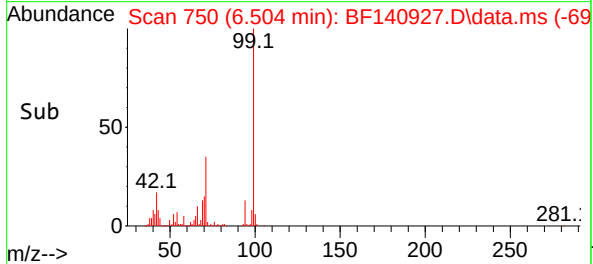
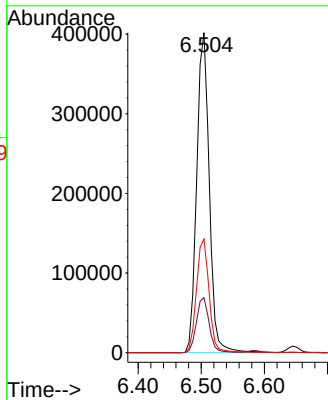
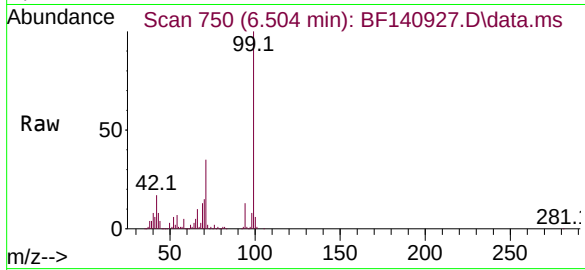




#7
Phenol-d6
Concen: 134.706 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

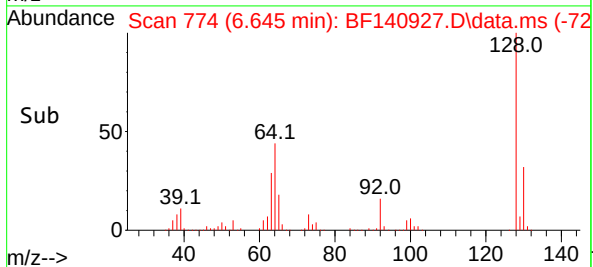
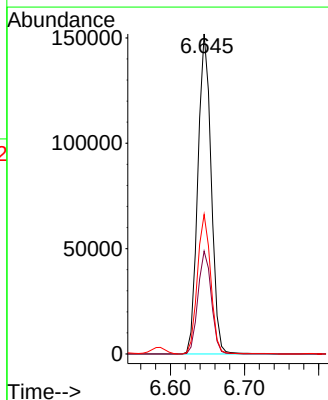
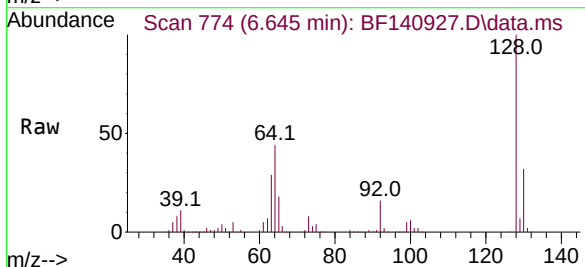
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ClientSampleId :
WC-20241213MSD

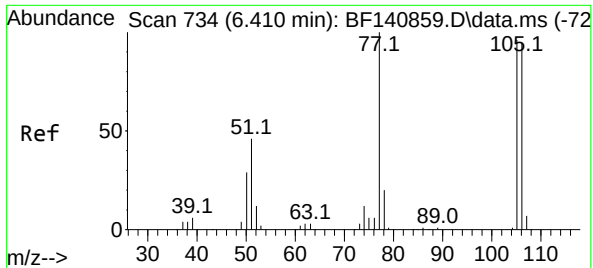
Tgt Ion: 99 Resp: 554600
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 35.5 29.9 44.9



#8
2-Chlorophenol
Concen: 55.787 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:128 Resp: 189102
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 43.6 24.3 64.3





#9

Benzaldehyde

Concen: 5.465 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

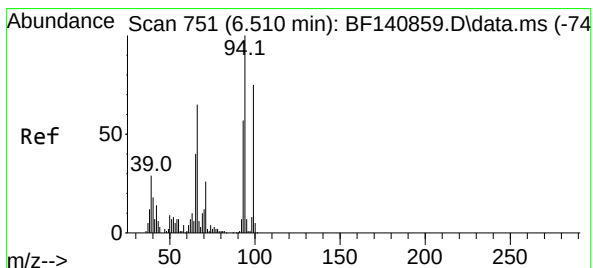
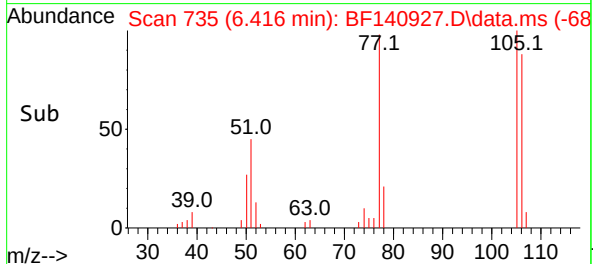
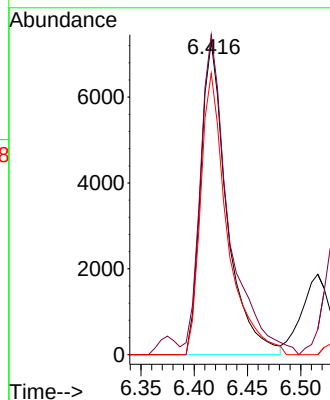
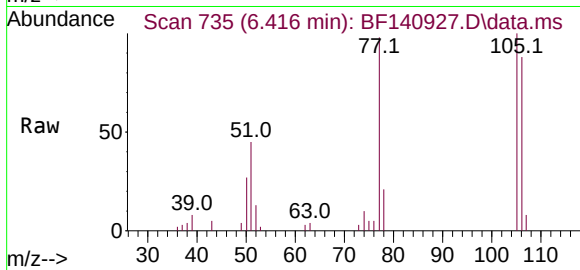
Tgt Ion: 77 Resp: 12468

Ion Ratio Lower Upper

77 100

105 102.3 75.8 115.8

106 89.9 74.1 114.1



#10

Phenol

Concen: 46.022 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

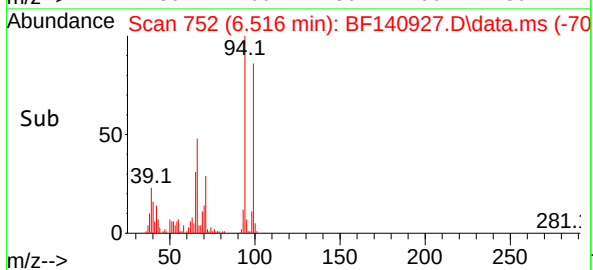
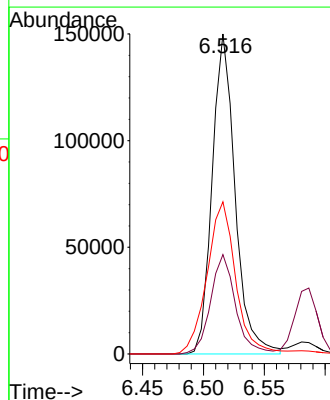
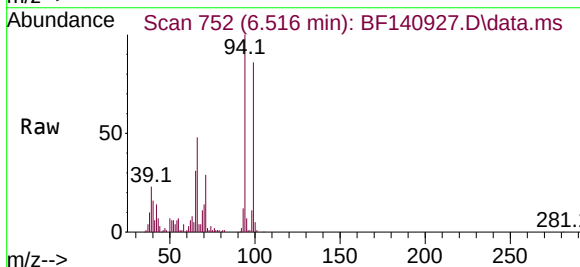
Tgt Ion: 94 Resp: 196380

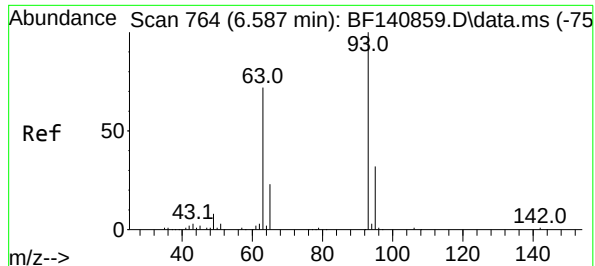
Ion Ratio Lower Upper

94 100

65 31.0 19.9 59.9

66 47.5 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 55.850 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

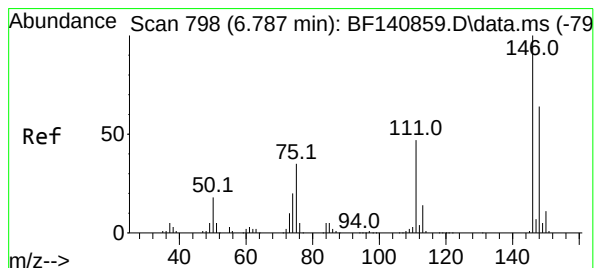
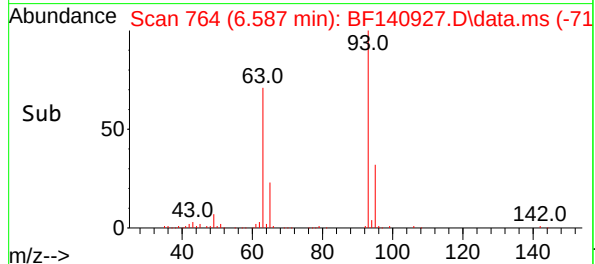
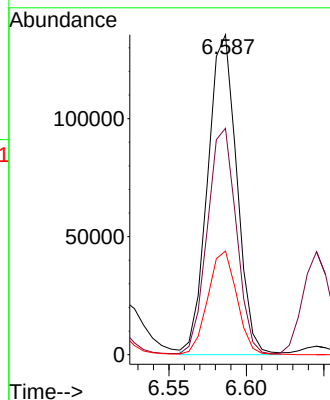
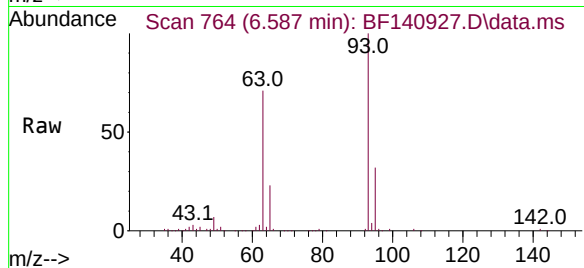
BNA_F

ClientSampleId :

WC-20241213MSD

Tgt Ion: 93 Resp: 177728

Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.0	91.0
95	32.4	12.0	52.0



#12

1,3-Dichlorobenzene

Concen: 53.680 ng

RT: 6.787 min Scan# 798

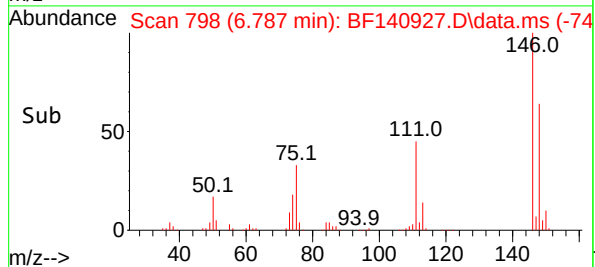
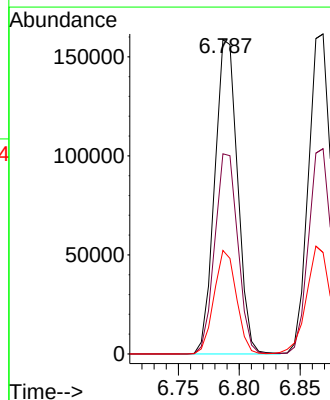
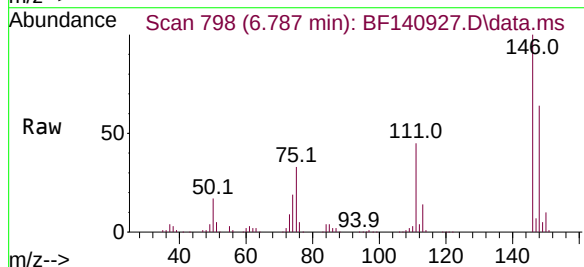
Delta R.T. -0.000 min

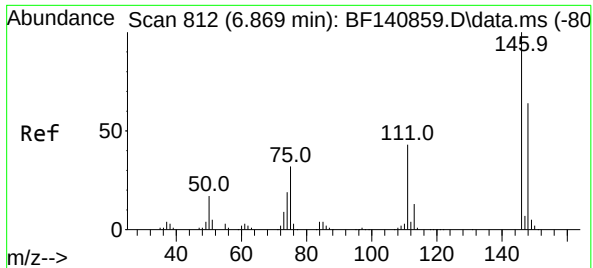
Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Tgt Ion: 146 Resp: 207339

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
75	32.9	28.1	42.1





#13

1,4-Dichlorobenzene

Concen: 53.688 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

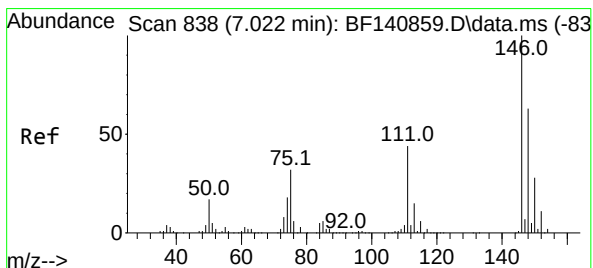
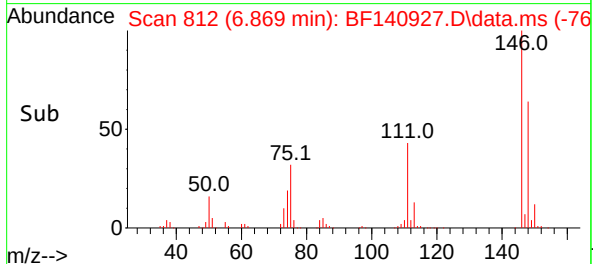
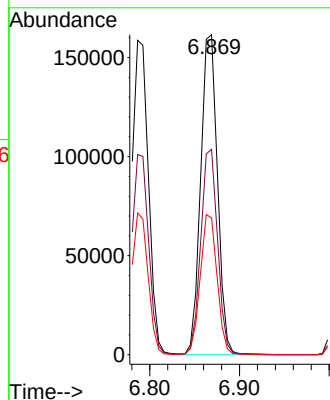
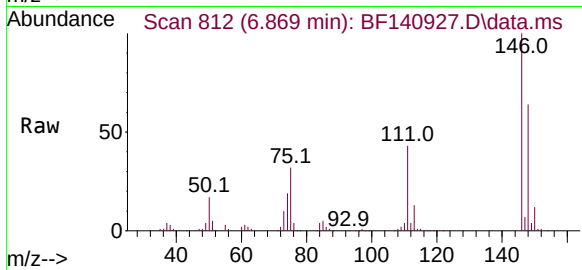
Tgt Ion:146 Resp: 210495

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 42.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 54.214 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

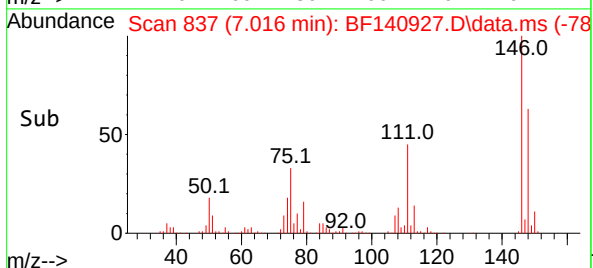
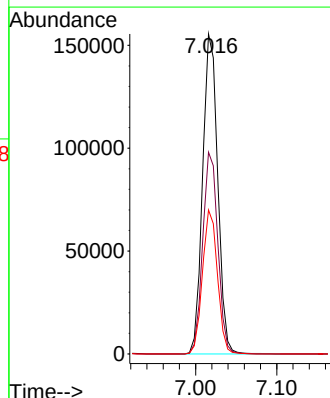
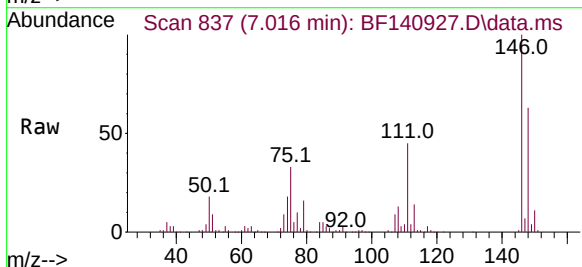
Tgt Ion:146 Resp: 200550

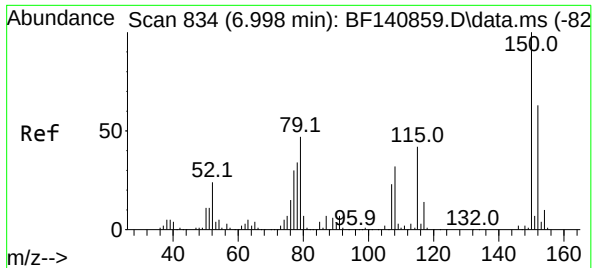
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 45.0 35.6 53.4

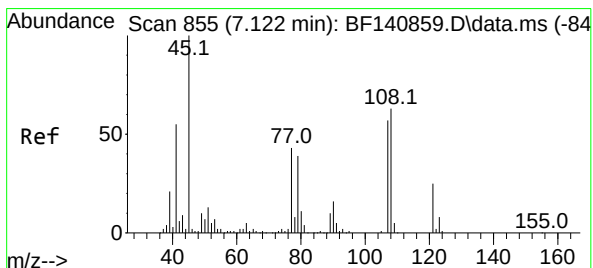
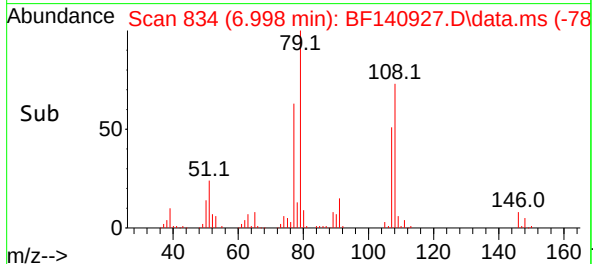
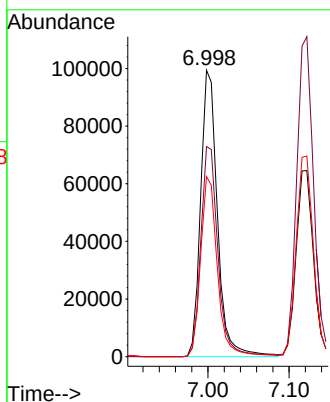
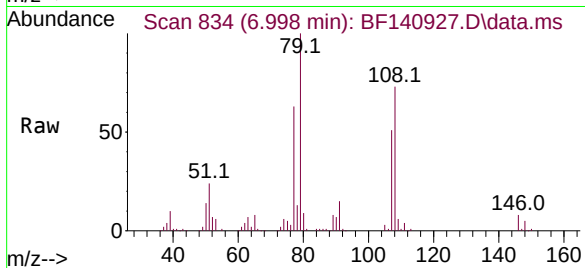




#15
Benzyl Alcohol
Concen: 48.646 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

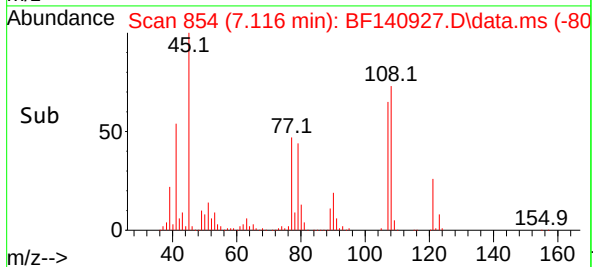
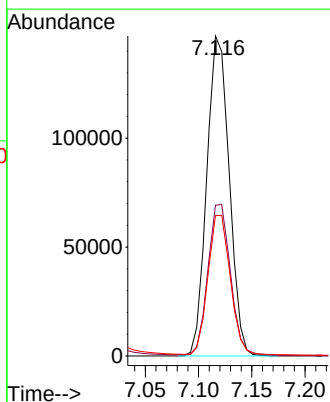
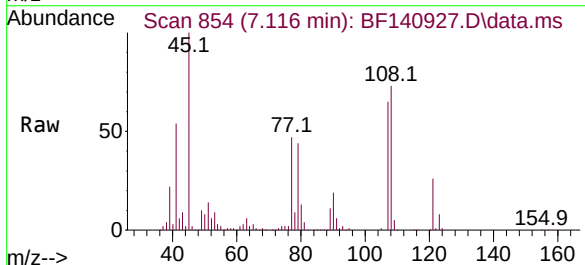
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

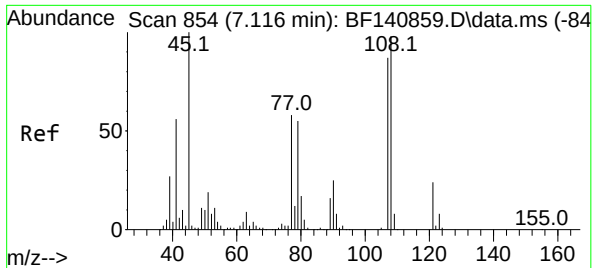
Tgt Ion: 79 Resp: 143200
Ion Ratio Lower Upper
79 100
108 73.3 55.1 82.7
77 62.9 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 57.423 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 45 Resp: 215263
Ion Ratio Lower Upper
45 100
77 47.1 23.3 63.3
79 43.9 20.0 60.0

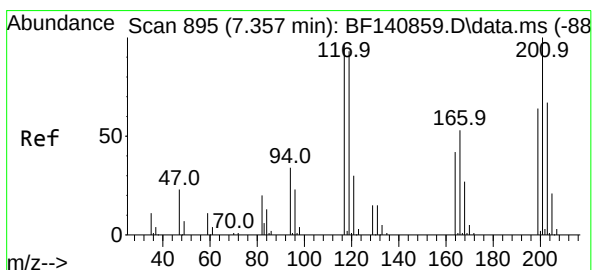
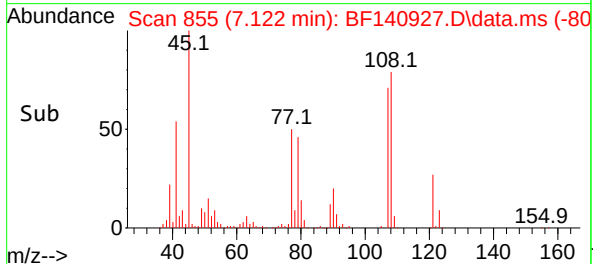
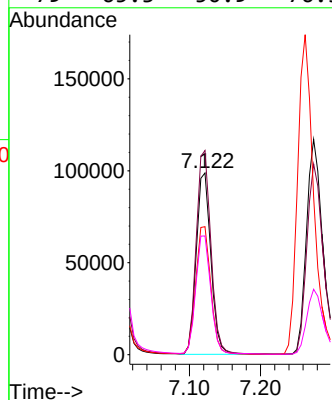
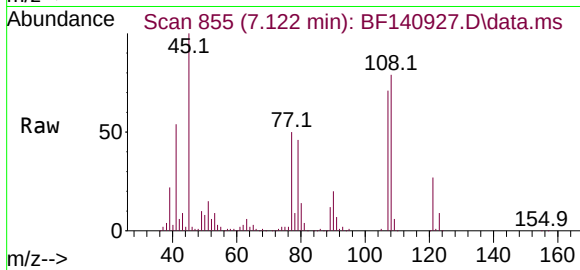




#17
2-Methylphenol
Concen: 52.552 ng
RT: 7.122 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

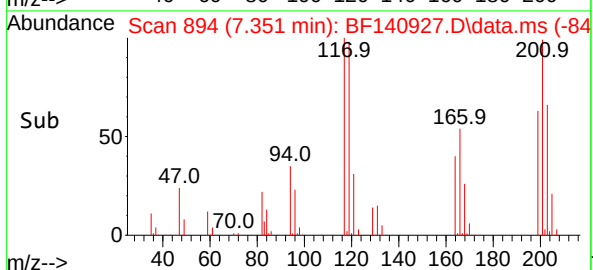
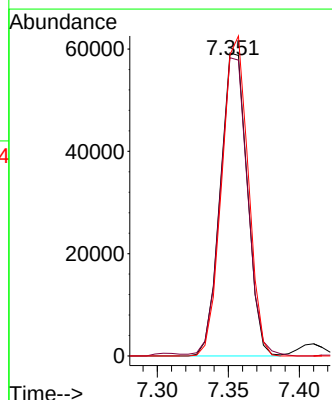
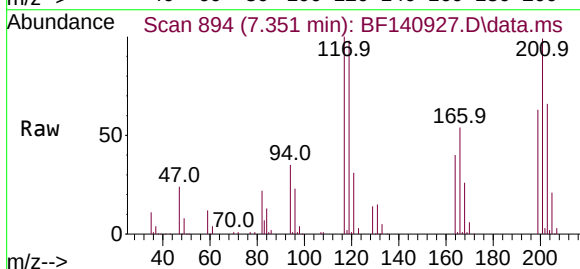
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

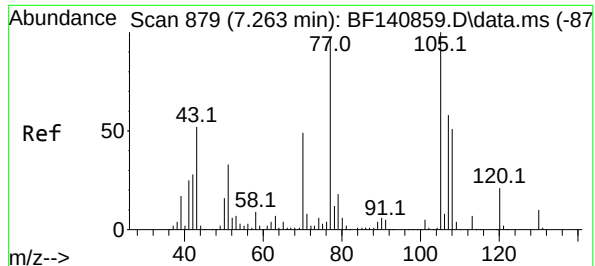
Tgt Ion:107	Resp: 142220
Ion Ratio	Lower Upper
107	100
108	112.3 90.2 135.4
77	70.4 53.8 80.6
79	65.3 50.9 76.3



#18
Hexachloroethane
Concen: 53.526 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:117	Resp: 78126
Ion Ratio	Lower Upper
117	100
119	98.4 77.4 116.0
201	99.4 83.4 125.0





#19

n-Nitroso-di-n-propylamine

Concen: 54.787 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

Tgt Ion: 70 Resp: 135304

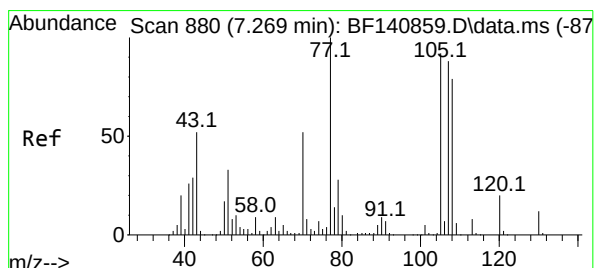
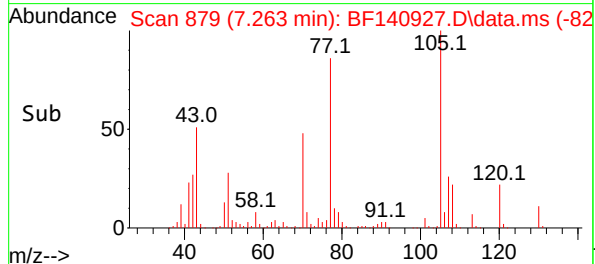
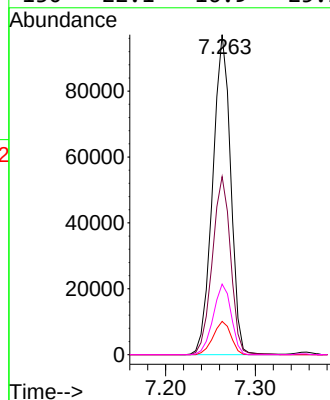
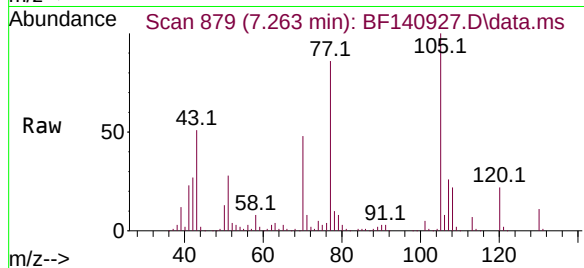
Ion Ratio Lower Upper

70 100

42 55.6 45.3 67.9

101 10.4 8.0 12.0

130 22.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 53.055 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Tgt Ion:107 Resp: 190394

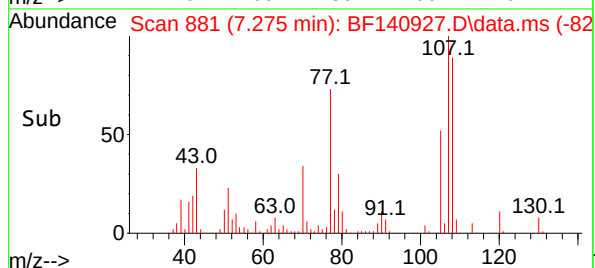
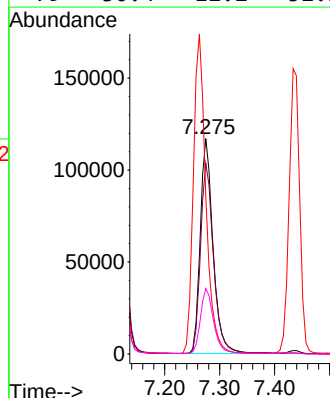
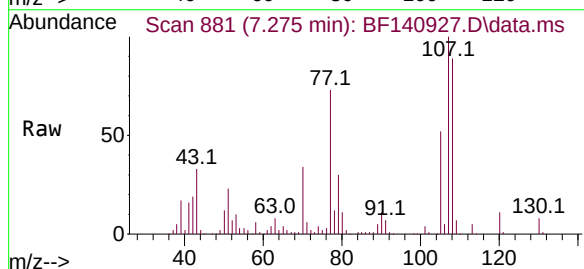
Ion Ratio Lower Upper

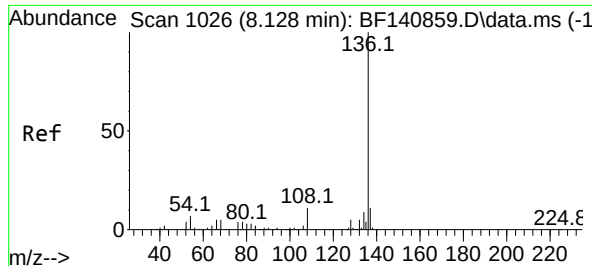
107 100

108 88.5 70.1 110.1

77 73.2 94.4 134.4#

79 30.4 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

Tgt Ion:136 Resp: 191371

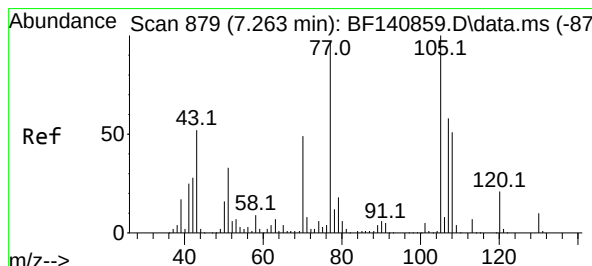
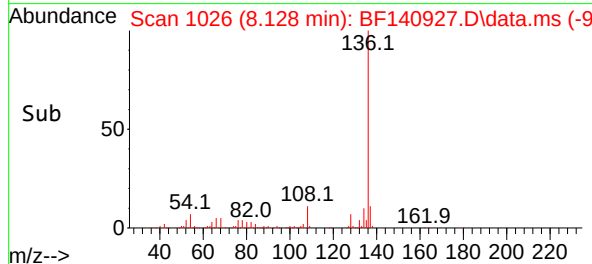
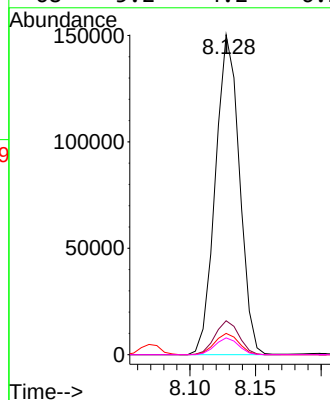
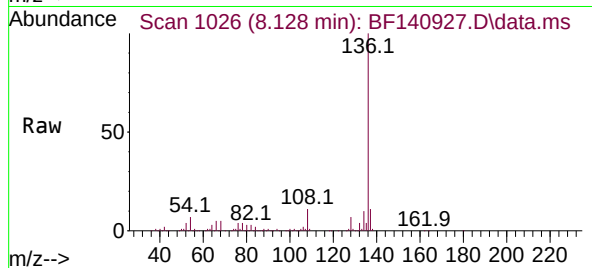
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.7 5.6 8.4

68 5.2 4.2 6.2



#22

Acetophenone

Concen: 56.067 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Tgt Ion:105 Resp: 268404

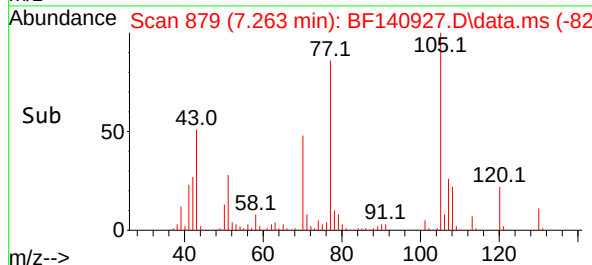
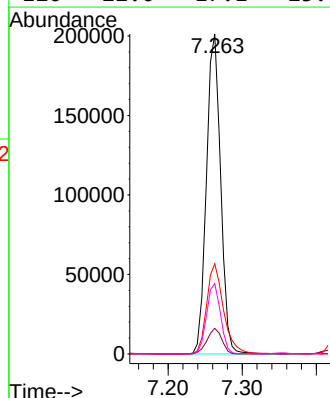
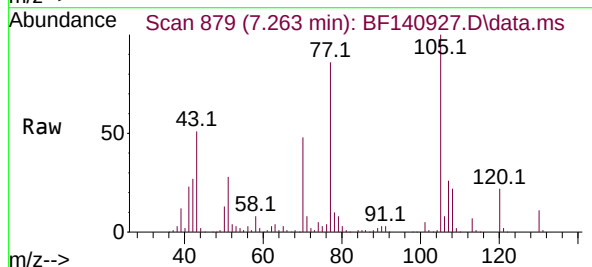
Ion Ratio Lower Upper

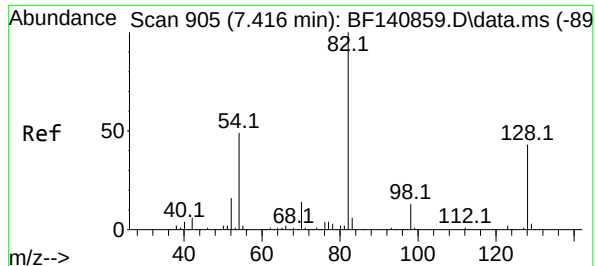
105 100

71 8.0 6.2 9.4

51 28.2 26.3 39.5

120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 109.239 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

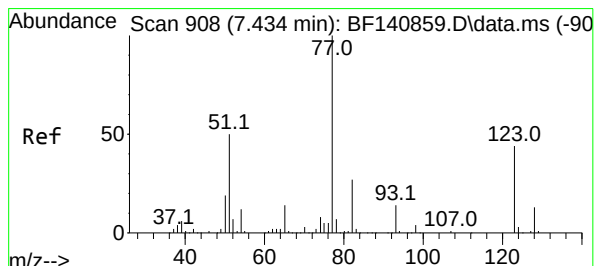
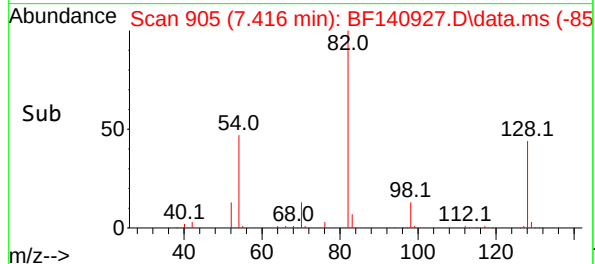
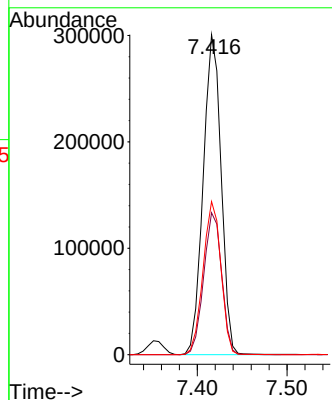
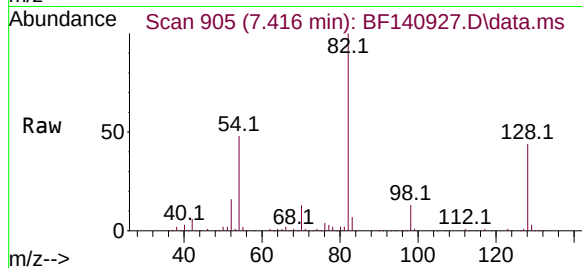
Tgt Ion: 82 Resp: 417843

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

54 47.9 38.8 58.2



#24

Nitrobenzene

Concen: 52.414 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

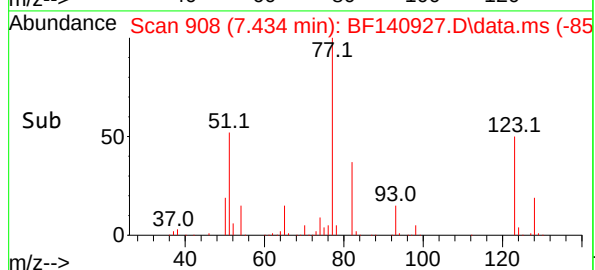
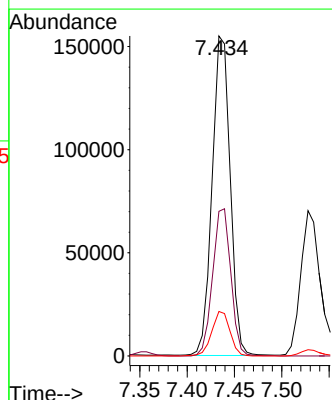
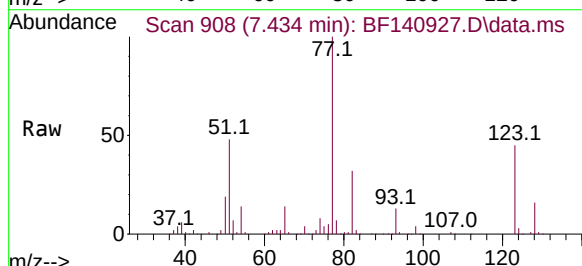
Tgt Ion: 77 Resp: 205391

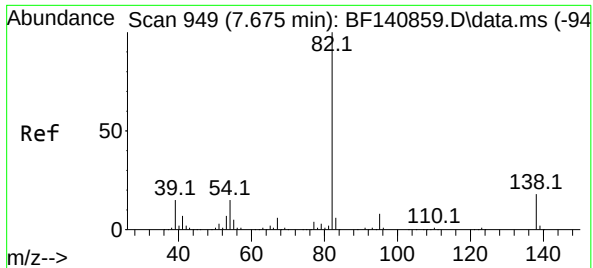
Ion Ratio Lower Upper

77 100

123 45.2 35.0 52.4

65 13.9 11.4 17.0

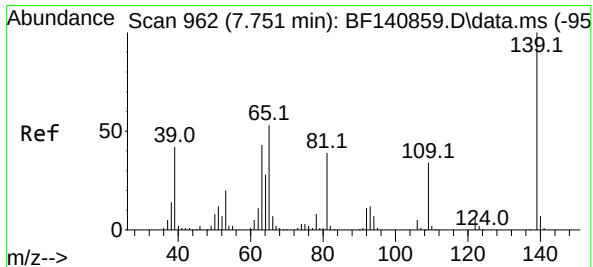
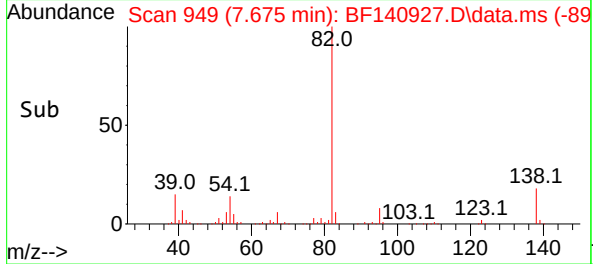
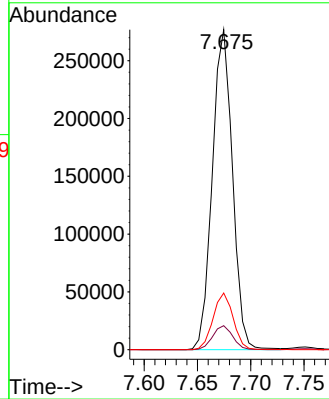
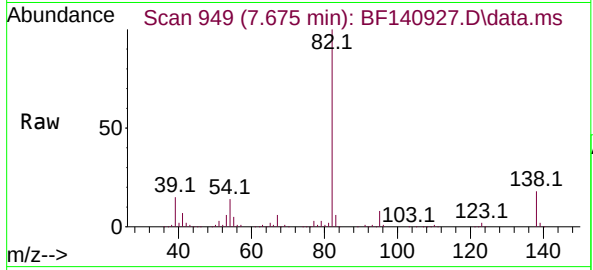




#25
Isophorone
Concen: 56.806 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

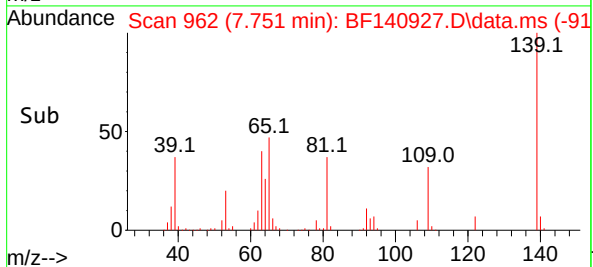
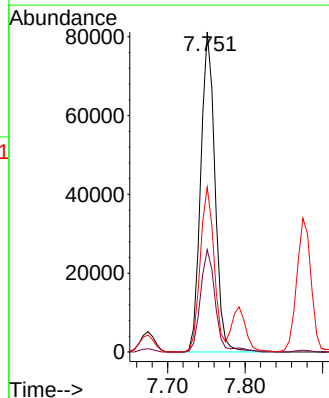
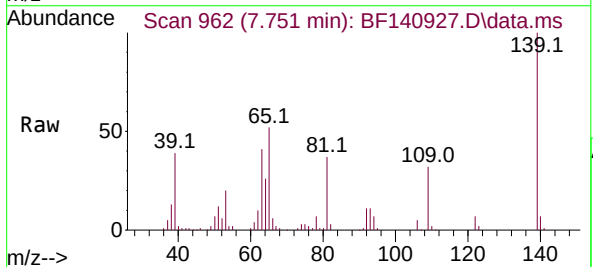
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

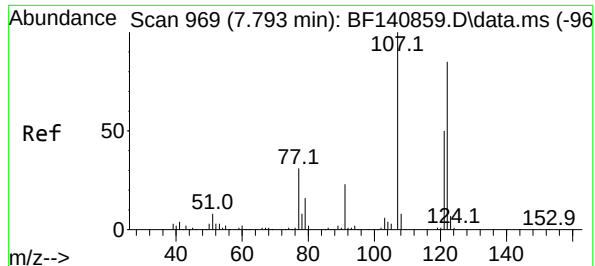
Tgt Ion: 82 Resp: 364074
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 17.7 14.1 21.1



#26
2-Nitrophenol
Concen: 57.474 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 139 Resp: 103729
Ion Ratio Lower Upper
139 100
109 31.9 26.9 40.3
65 51.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 67.770 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

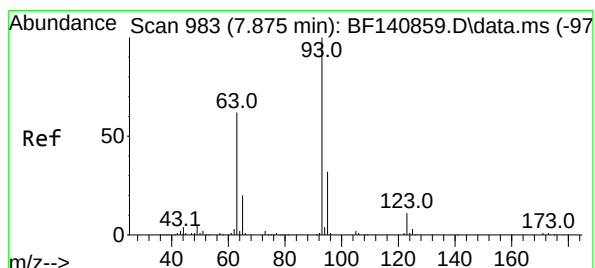
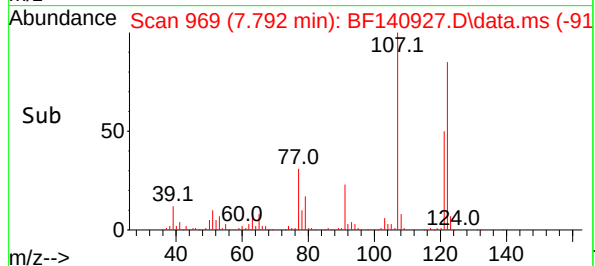
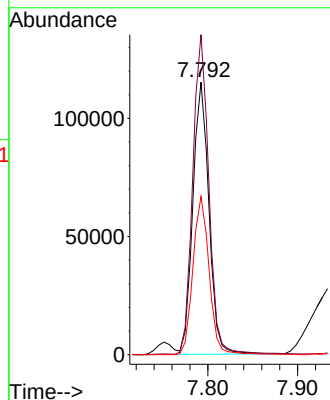
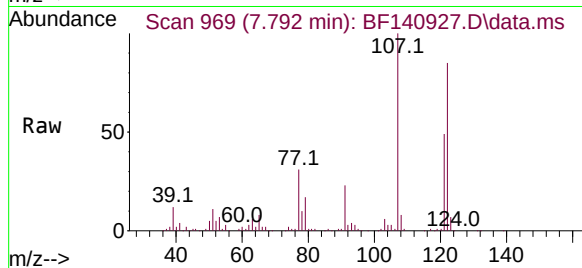
Tgt Ion:122 Resp: 142840

Ion Ratio Lower Upper

122 100

107 117.5 92.6 139.0

121 58.1 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 55.126 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

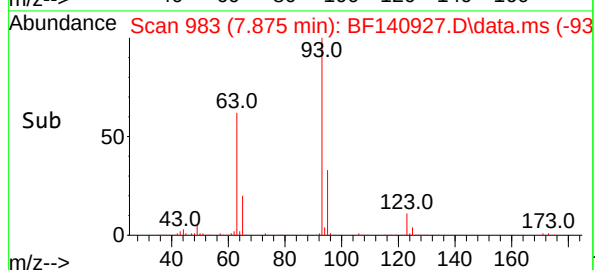
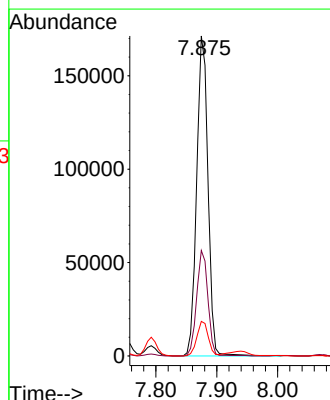
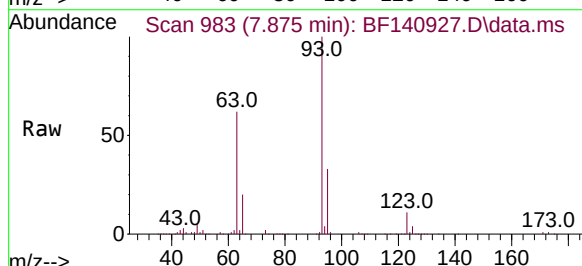
Tgt Ion: 93 Resp: 220667

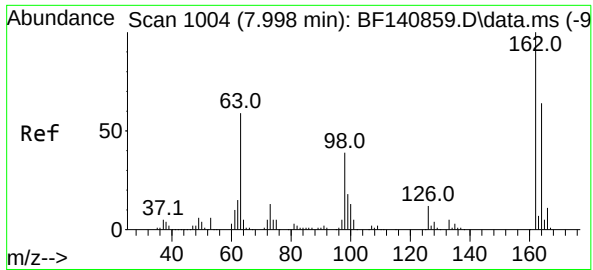
Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 55.701 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

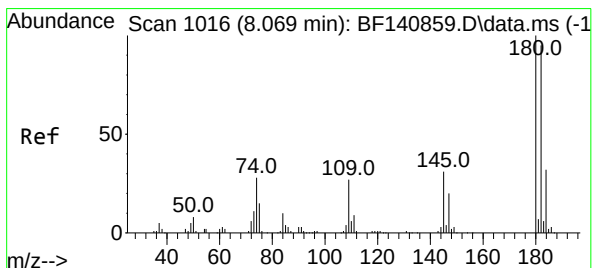
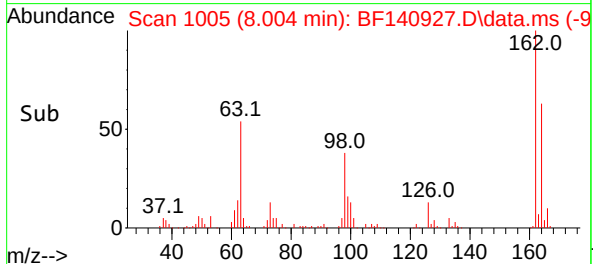
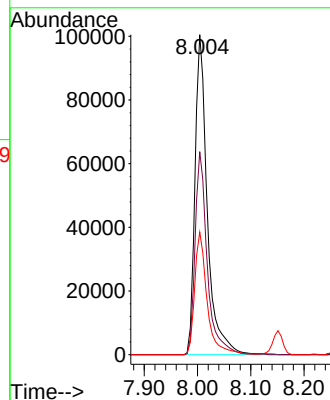
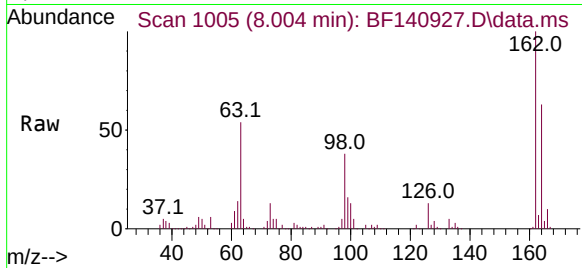
Tgt Ion:162 Resp: 162086

Ion Ratio Lower Upper

162 100

164 63.5 43.7 83.7

98 38.3 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 52.864 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

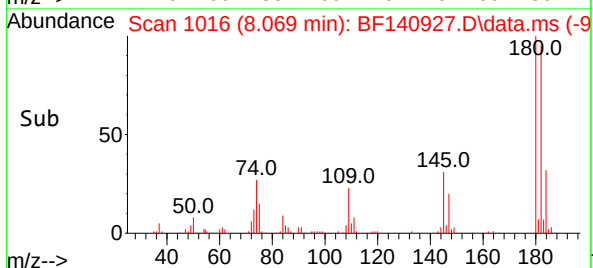
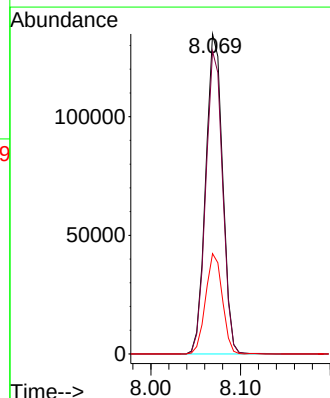
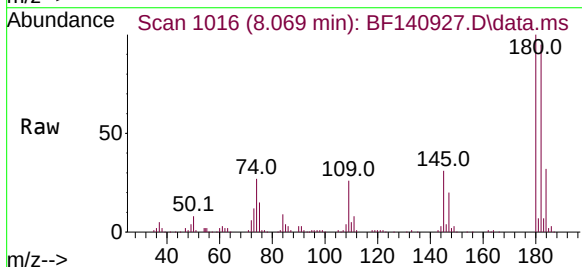
Tgt Ion:180 Resp: 176343

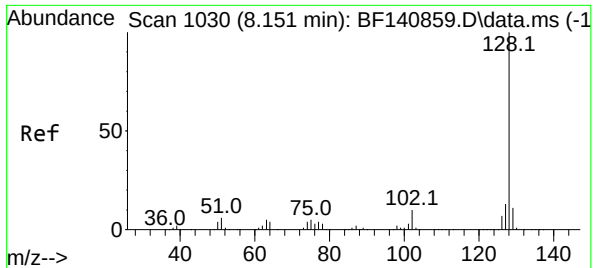
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.4 25.2 37.8

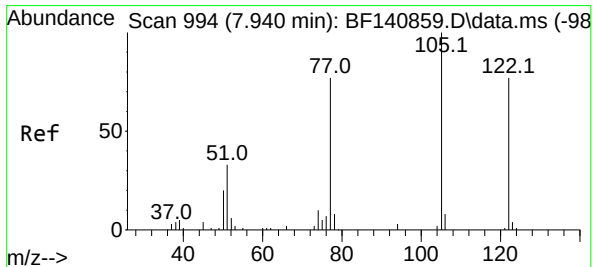
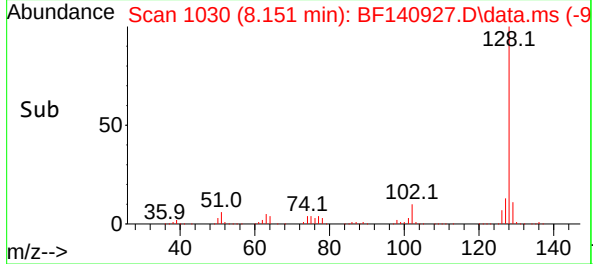
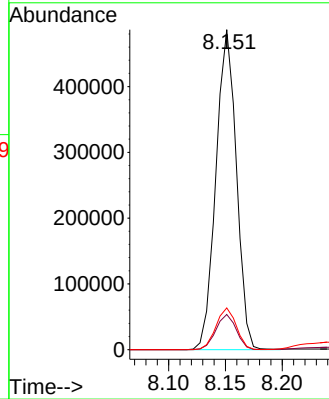
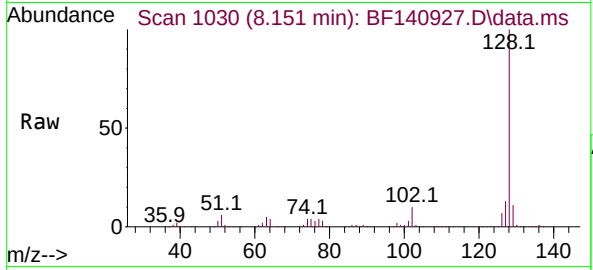




#31
Naphthalene
Concen: 58.112 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

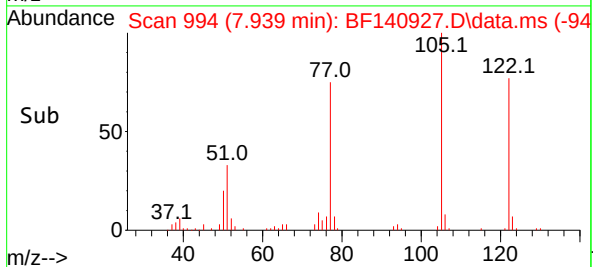
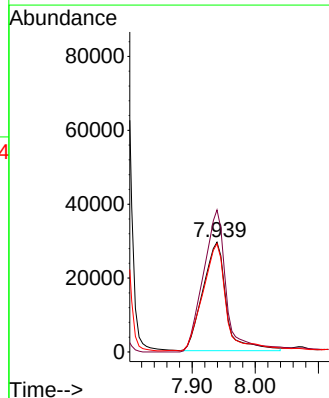
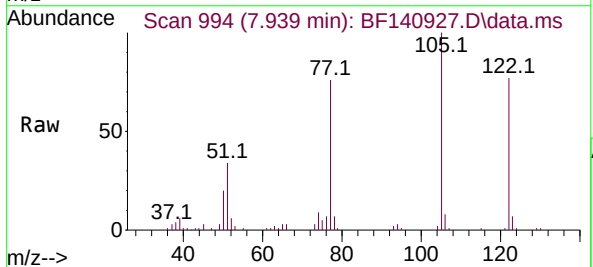
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

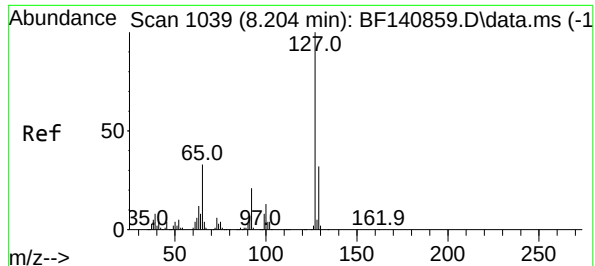
Tgt Ion:128 Resp: 610888
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 37.895 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:122 Resp: 75751
Ion Ratio Lower Upper
122 100
105 129.5 108.3 148.3
77 98.8 78.8 118.8





#33

4-Chloroaniline

Concen: 9.714 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.035 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

Tgt Ion:127 Resp: 33916

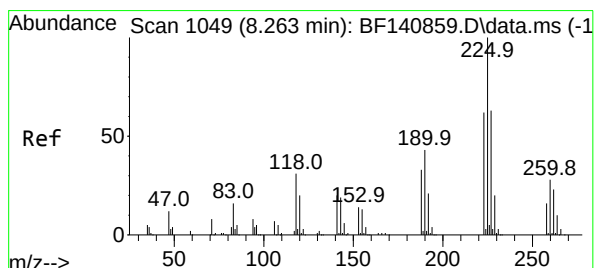
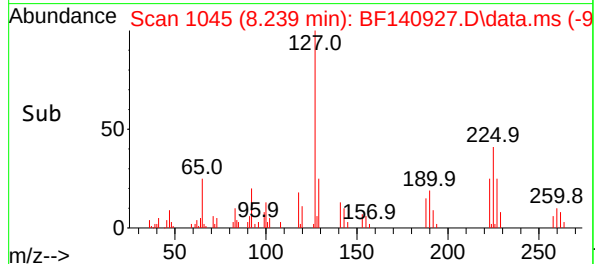
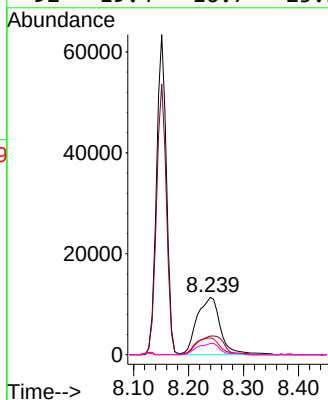
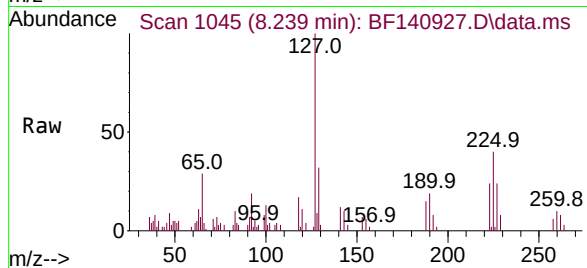
Ion Ratio Lower Upper

127 100

129 32.4 26.0 39.0

65 29.3 26.0 39.0

92 19.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 54.403 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

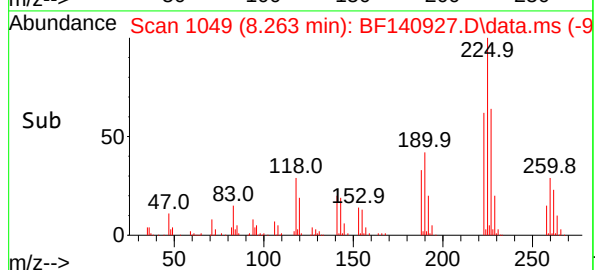
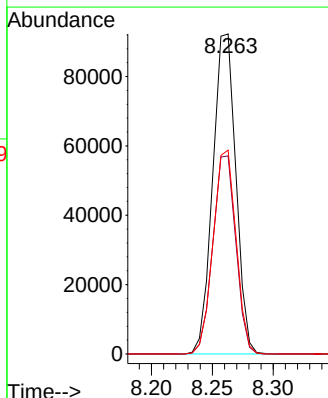
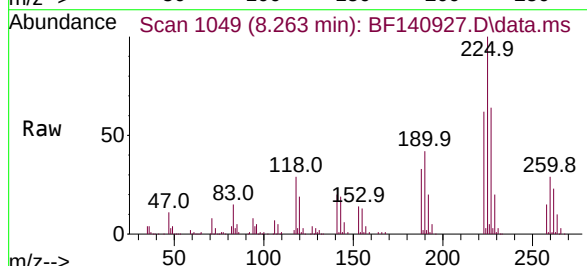
Tgt Ion:225 Resp: 122099

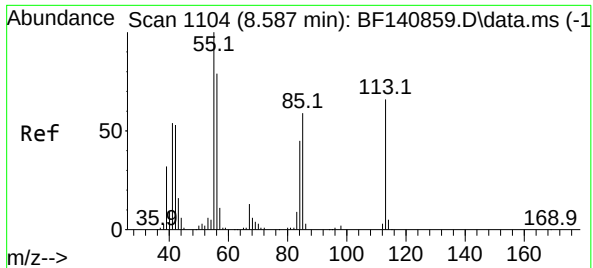
Ion Ratio Lower Upper

225 100

223 61.9 49.6 74.4

227 63.7 50.7 76.1





#35

Caprolactam

Concen: 42.224 ng m

RT: 8.581 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

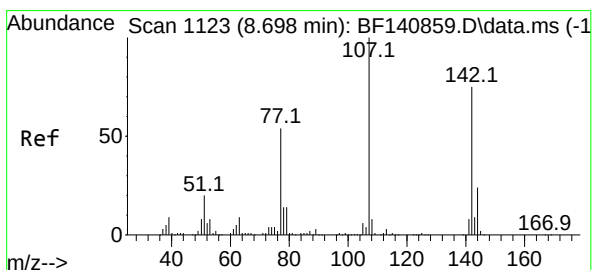
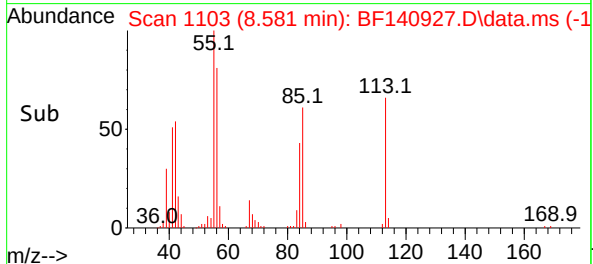
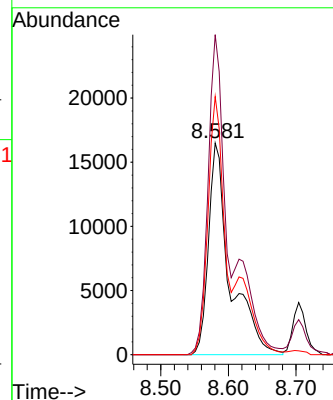
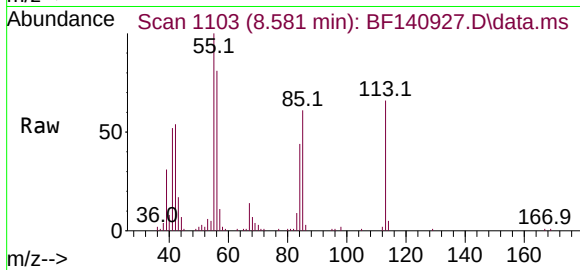
Tgt Ion:113 Resp: 36579

Ion Ratio Lower Upper

113 100

55 151.1 132.3 172.3

56 121.9 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 52.641 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

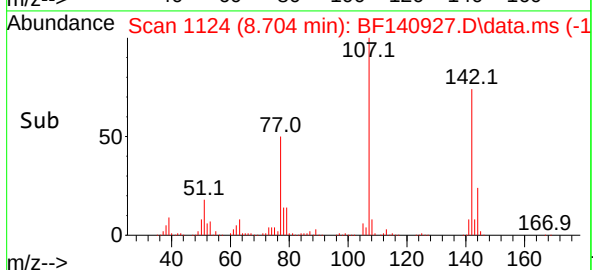
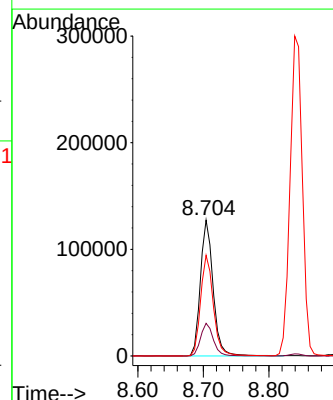
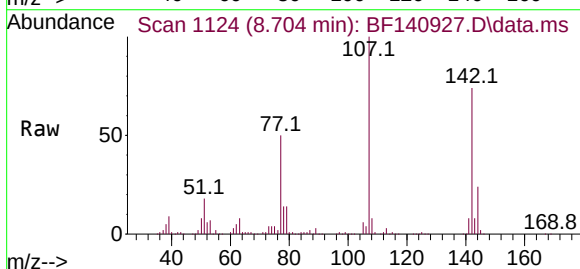
Tgt Ion:107 Resp: 172407

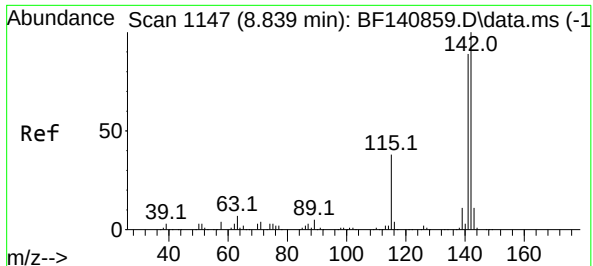
Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.2

142 74.1 60.3 90.5





#37

2-Methylnaphthalene

Concen: 56.160 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

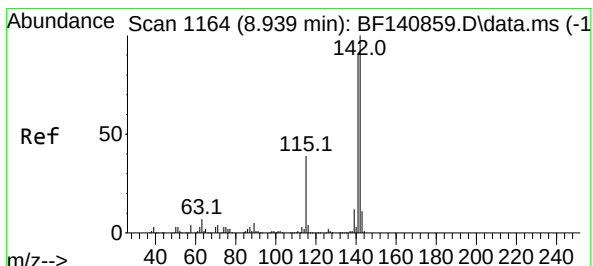
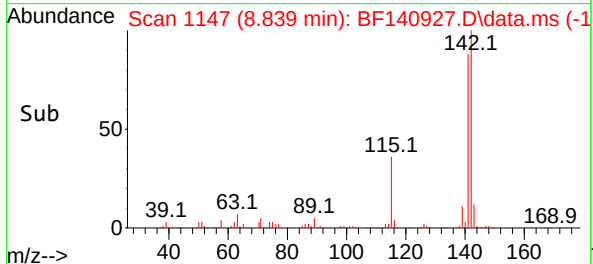
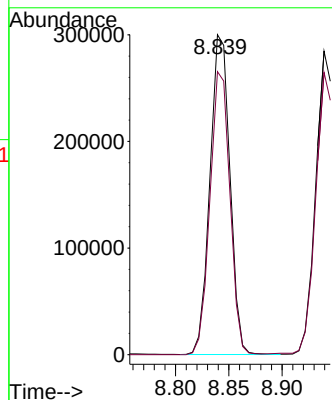
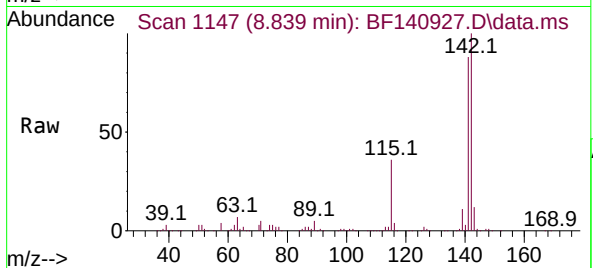
WC-20241213MSD

Tgt Ion:142 Resp: 390527

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 52.914 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140927.D

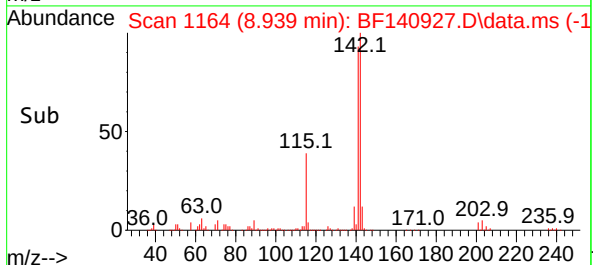
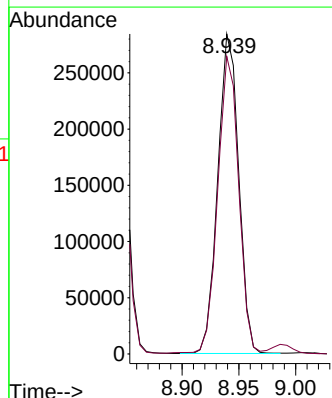
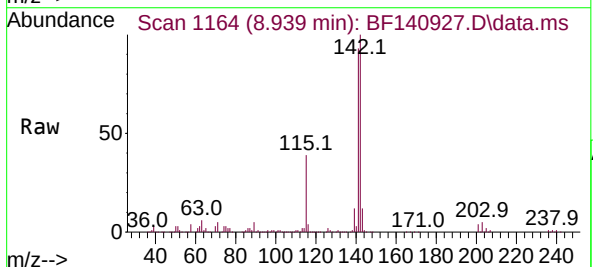
Acq: 19 Dec 2024 15:39

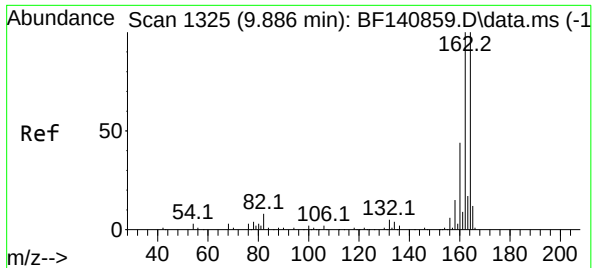
Tgt Ion:142 Resp: 363904

Ion Ratio Lower Upper

142 100

141 93.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

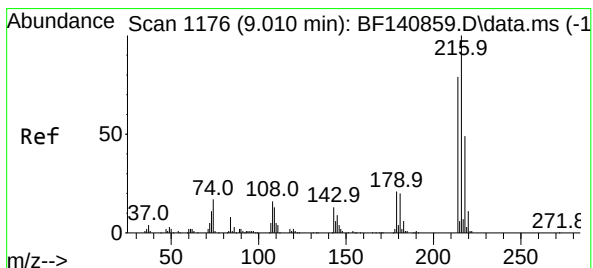
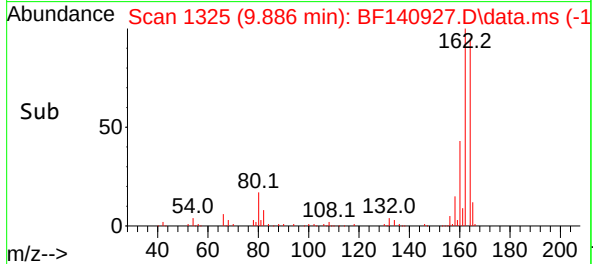
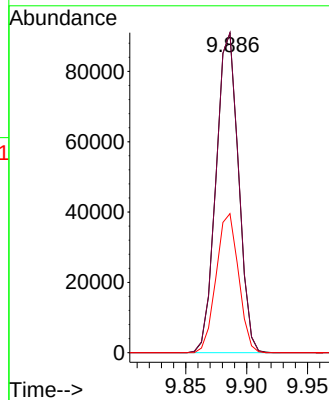
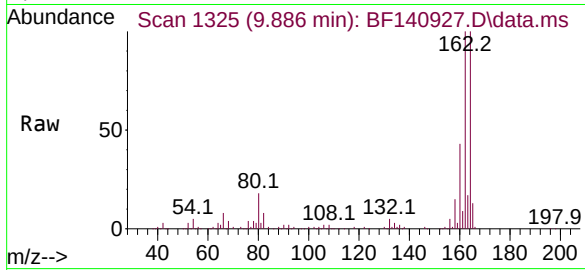
Tgt Ion:164 Resp: 116350

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 43.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.324 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Tgt Ion:216 Resp: 190695

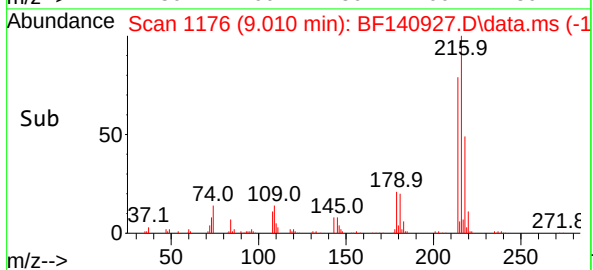
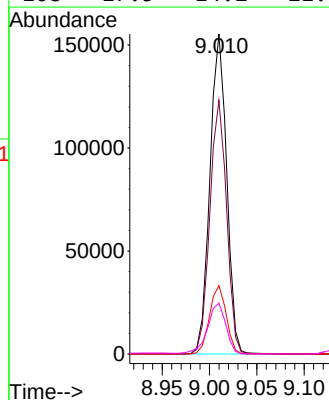
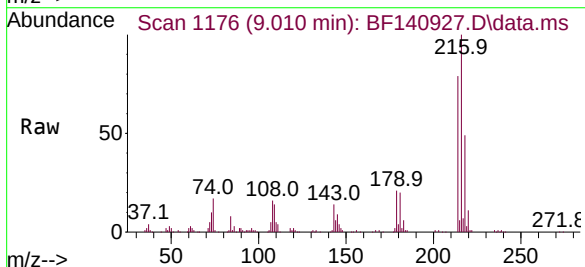
Ion Ratio Lower Upper

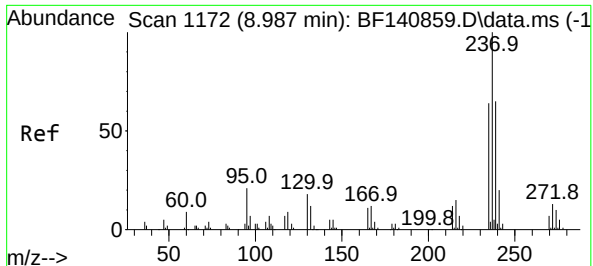
216 100

214 79.2 63.6 95.4

179 21.2 17.0 25.4

108 17.5 14.2 21.2

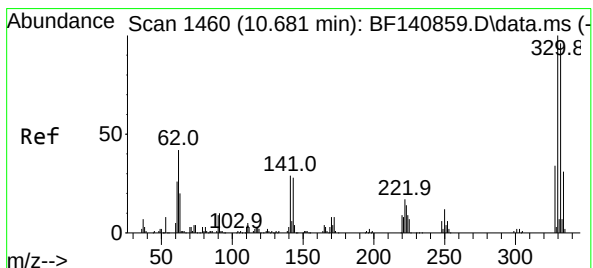
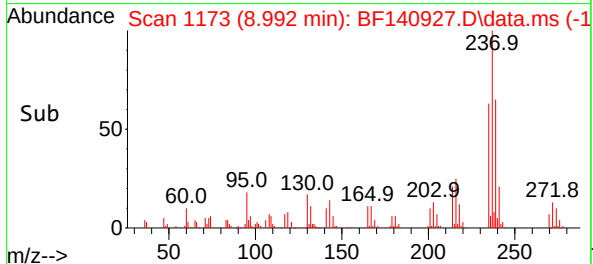
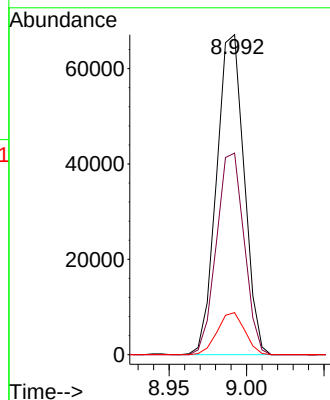
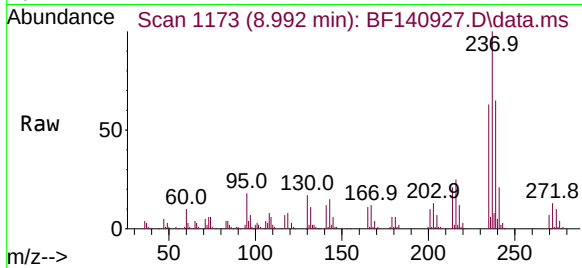




#41
Hexachlorocyclopentadiene
Concen: 70.496 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

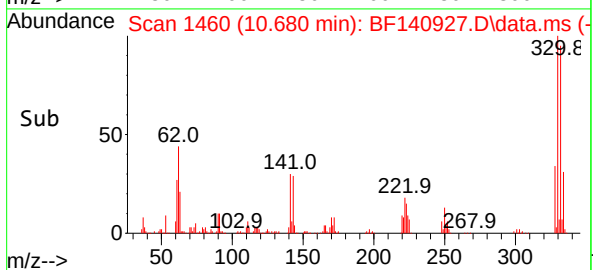
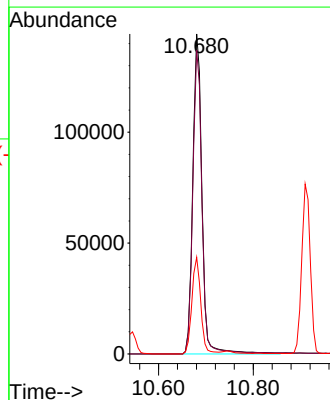
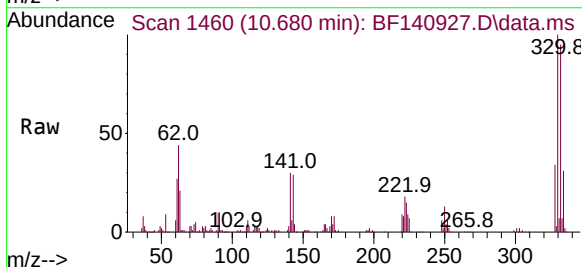
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

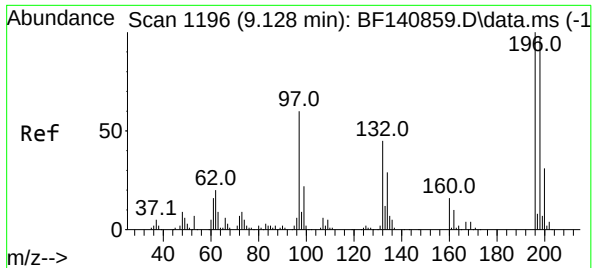
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.7	83.7
272	13.1	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 141.946 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	29.2	24.9	37.3





#43

2,4,6-Trichlorophenol

Concen: 49.902 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

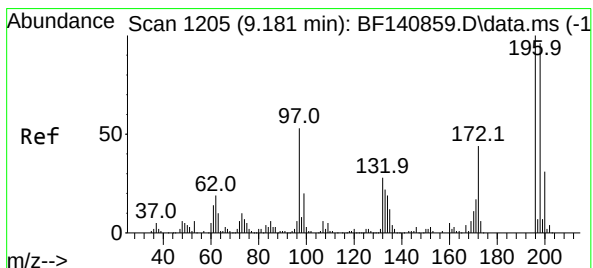
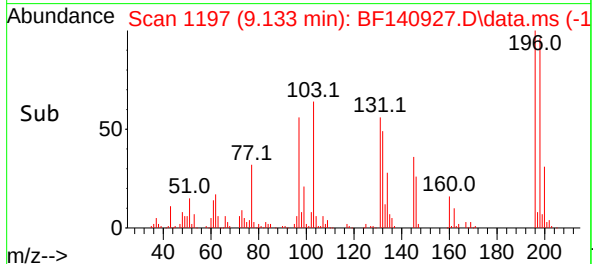
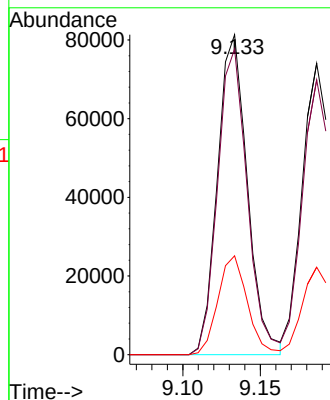
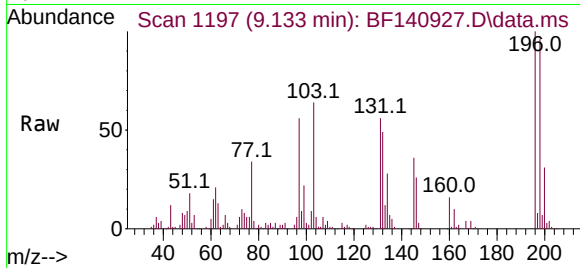
Tgt Ion:196 Resp: 109275

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 30.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.518 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Tgt Ion:196 Resp: 111961

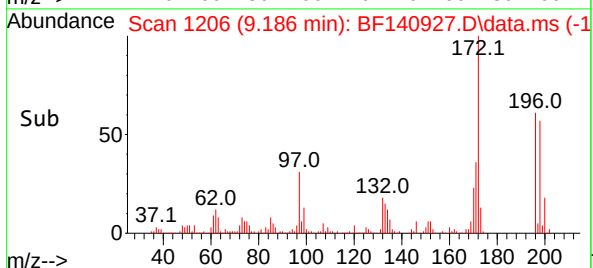
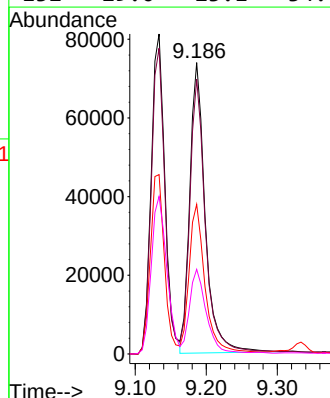
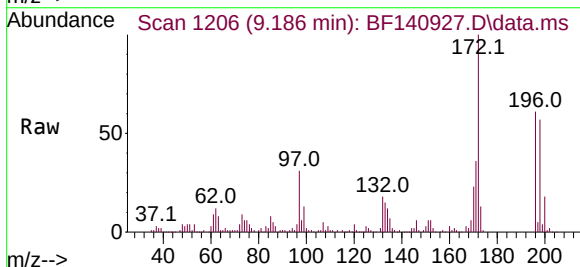
Ion Ratio Lower Upper

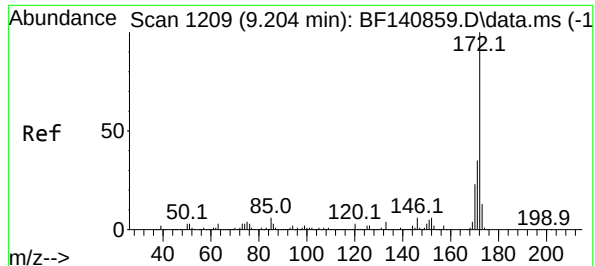
196 100

198 94.4 77.2 115.8

97 51.4 42.2 63.4

132 29.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 100.935 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

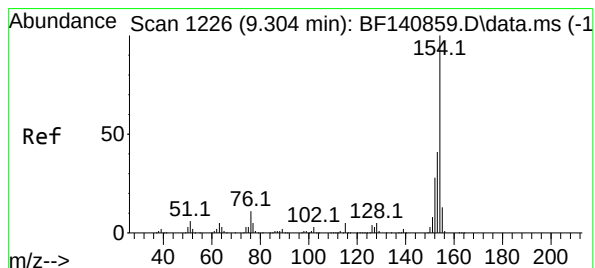
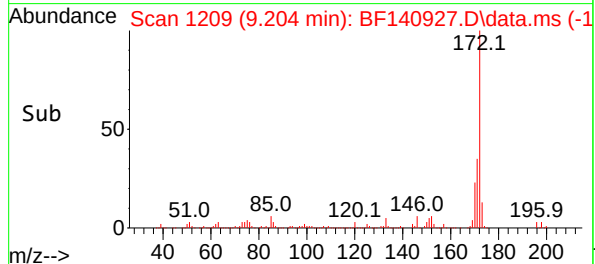
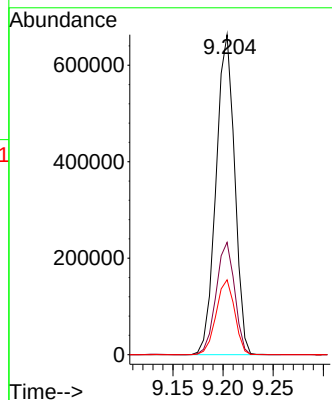
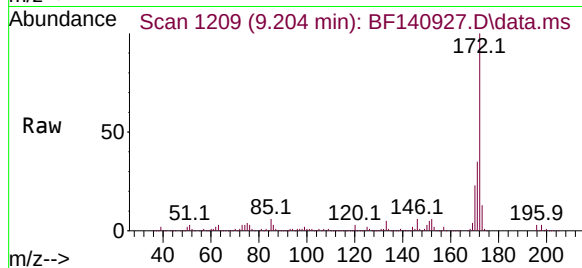
Tgt Ion:172 Resp: 854191

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 54.052 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

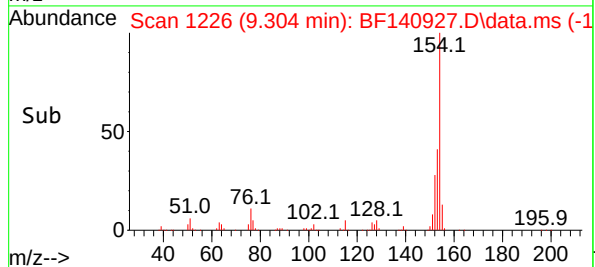
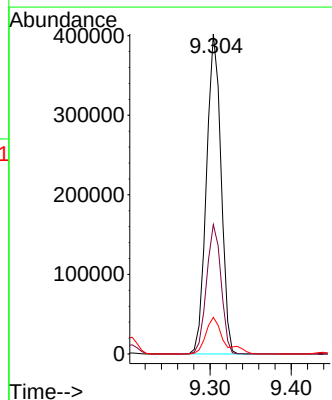
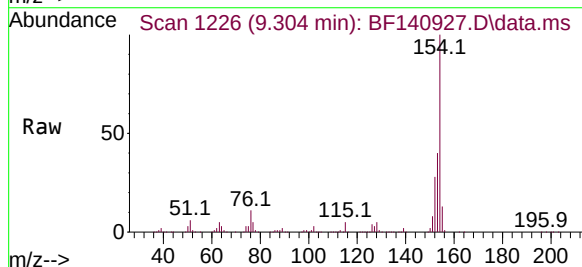
Tgt Ion:154 Resp: 500084

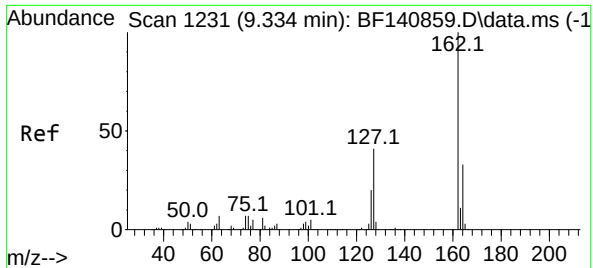
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.613 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

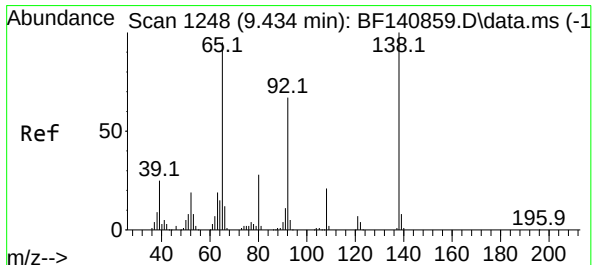
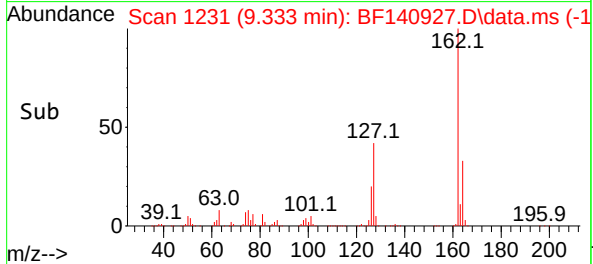
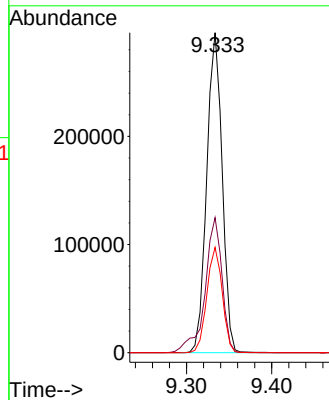
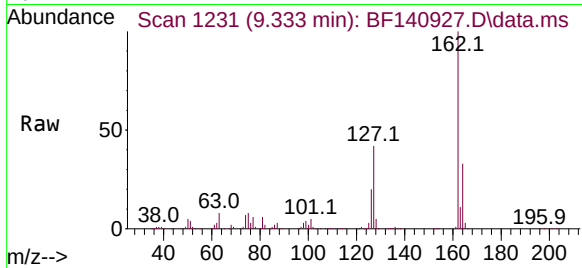
Tgt Ion:162 Resp: 372389

Ion Ratio Lower Upper

162 100

127 42.2 33.5 50.3

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 47.500 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

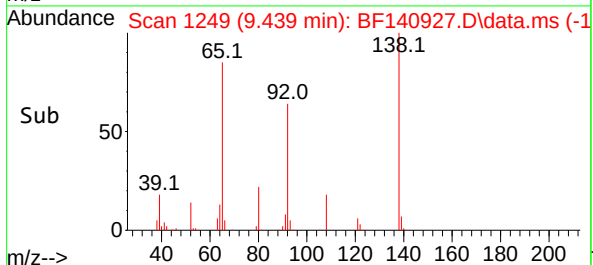
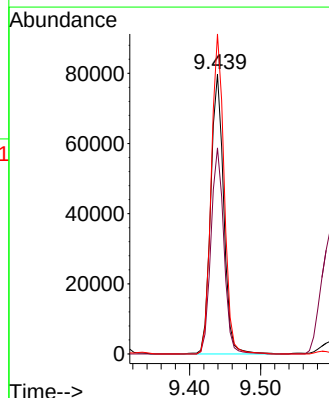
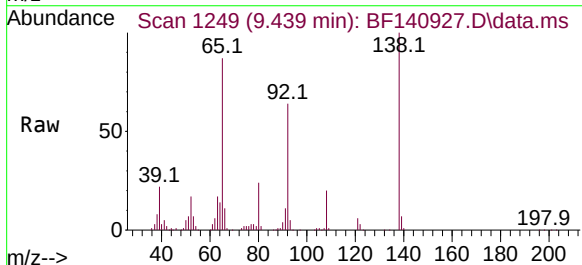
Tgt Ion: 65 Resp: 101537

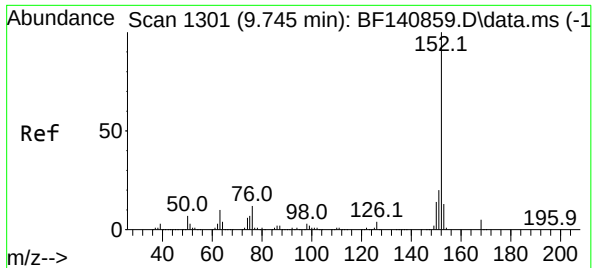
Ion Ratio Lower Upper

65 100

92 73.7 56.3 84.5

138 114.4 83.8 125.6





#49

Acenaphthylene

Concen: 59.277 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

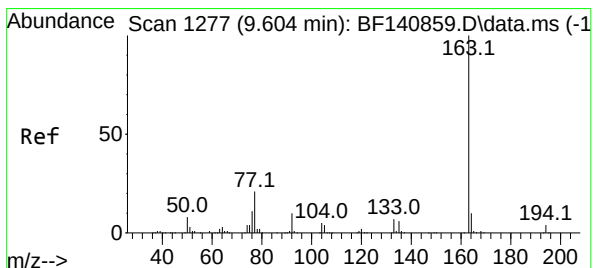
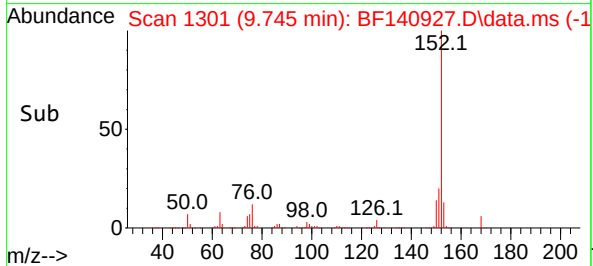
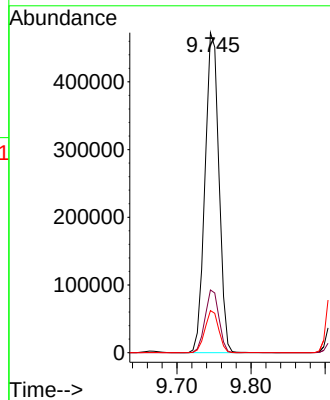
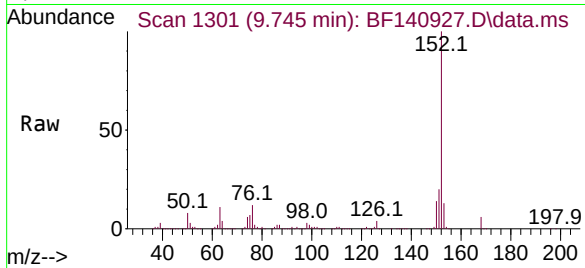
Tgt Ion:152 Resp: 616563

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 55.096 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

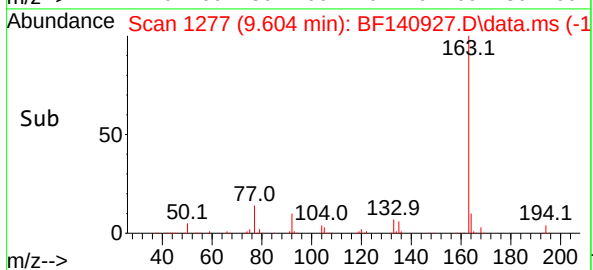
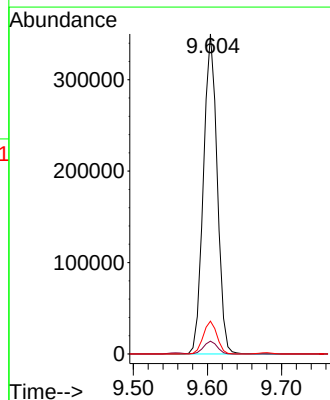
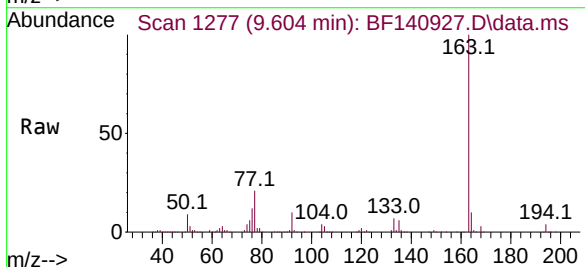
Tgt Ion:163 Resp: 451954

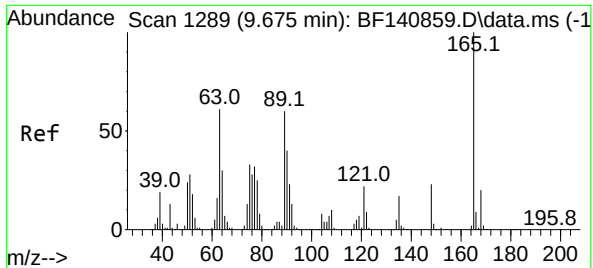
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 51.501 ng

RT: 9.680 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

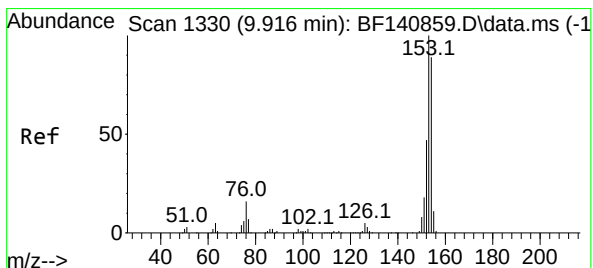
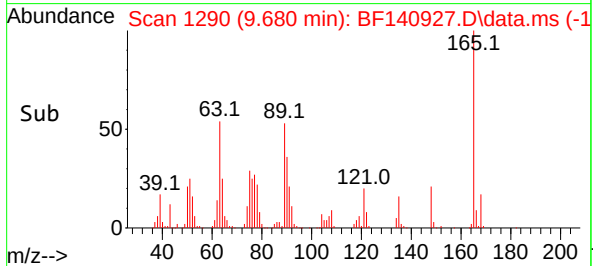
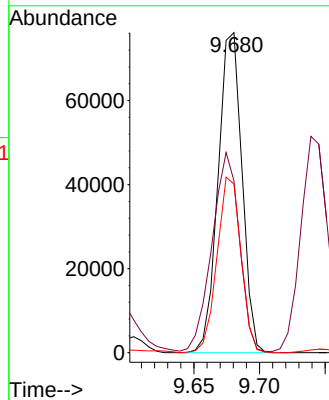
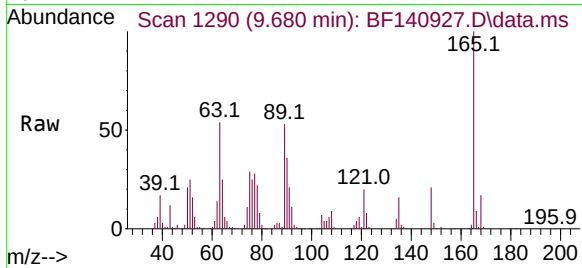
Tgt Ion:165 Resp: 96579

Ion Ratio Lower Upper

165 100

63 53.7 49.7 74.5

89 52.7 48.2 72.4



#52

Acenaphthene

Concen: 55.128 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

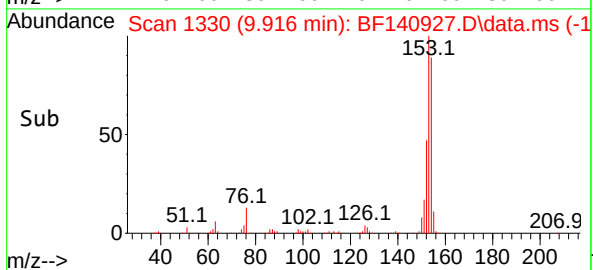
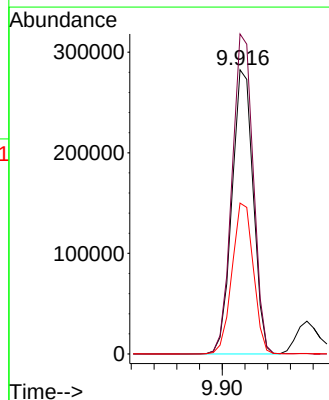
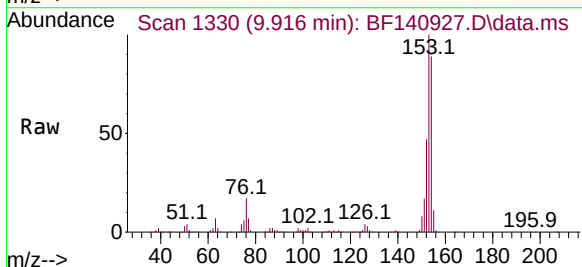
Tgt Ion:154 Resp: 366286

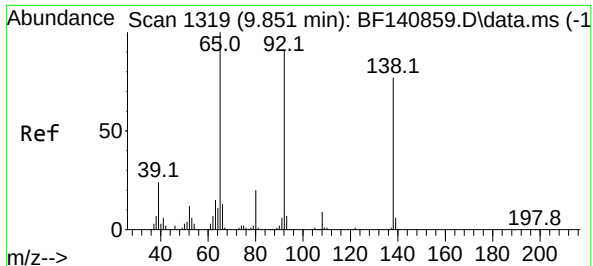
Ion Ratio Lower Upper

154 100

153 112.6 89.9 134.9

152 53.1 42.6 63.8





#53

3-Nitroaniline

Concen: 7.826 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

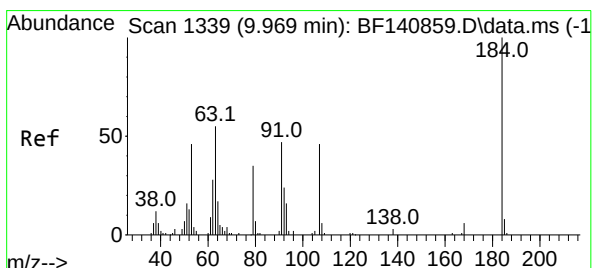
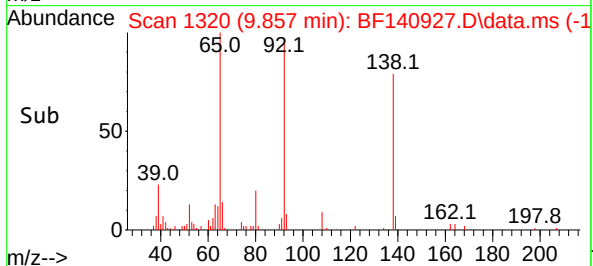
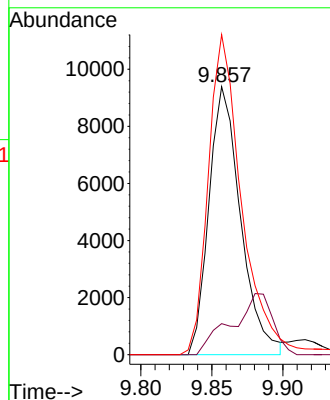
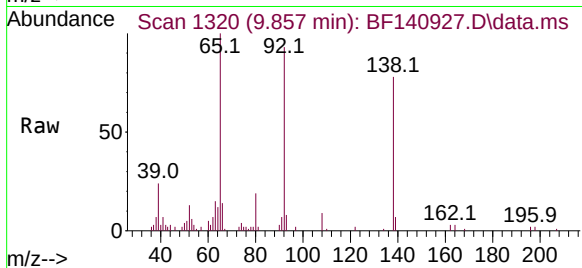
Tgt Ion:138 Resp: 14565

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 119.4 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 95.772 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

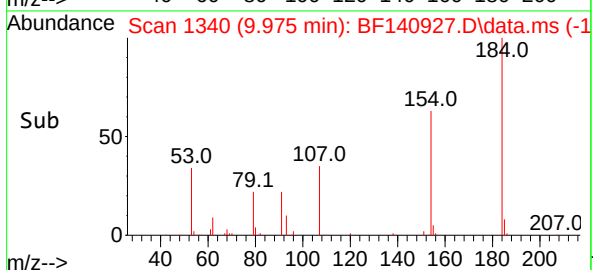
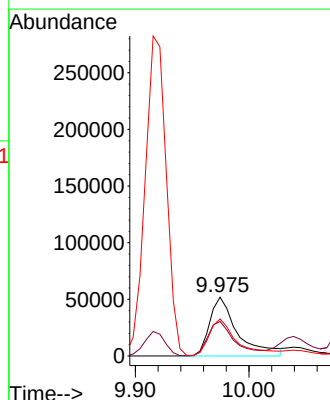
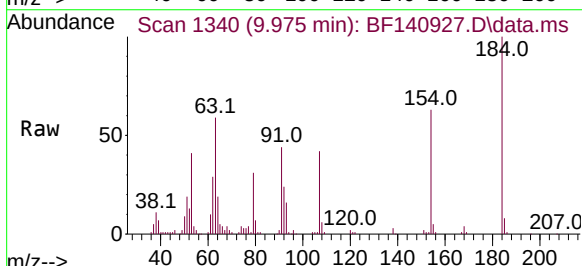
Tgt Ion:184 Resp: 88915

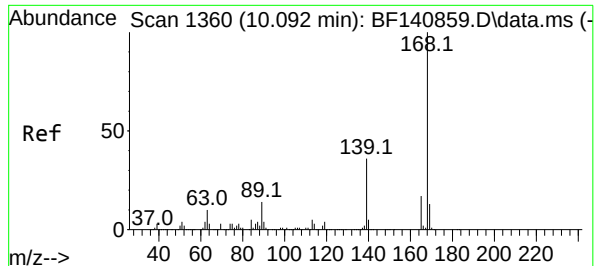
Ion Ratio Lower Upper

184 100

63 58.9 51.6 77.4

154 62.9 56.1 84.1





#55

Dibenzofuran

Concen: 53.720 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

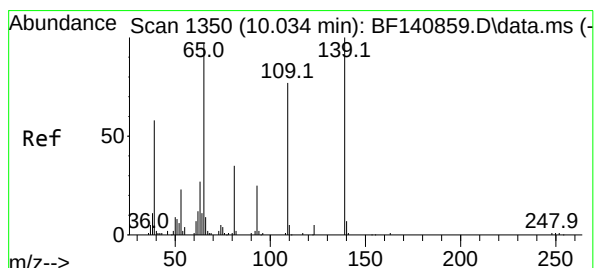
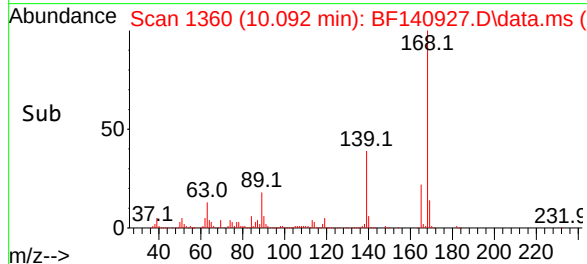
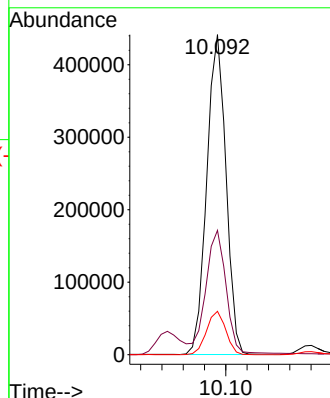
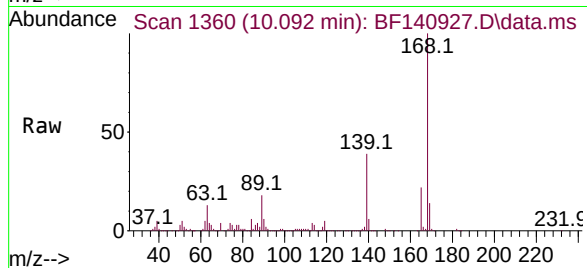
Tgt Ion:168 Resp: 553087

Ion Ratio Lower Upper

168 100

139 38.8 31.1 46.7

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 52.243 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

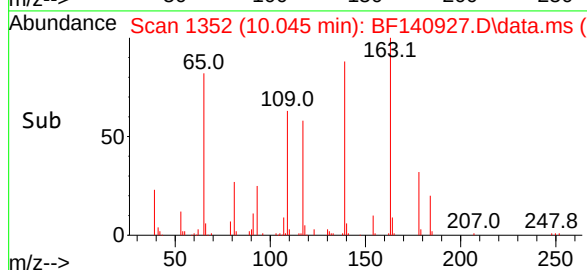
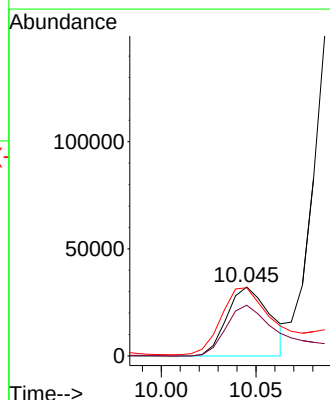
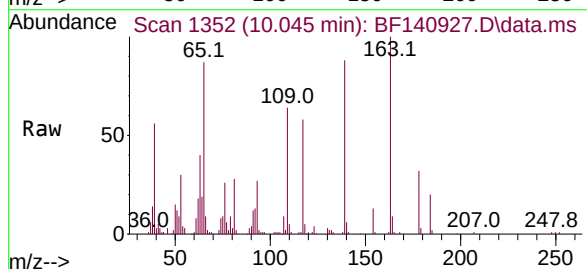
Tgt Ion:139 Resp: 50664

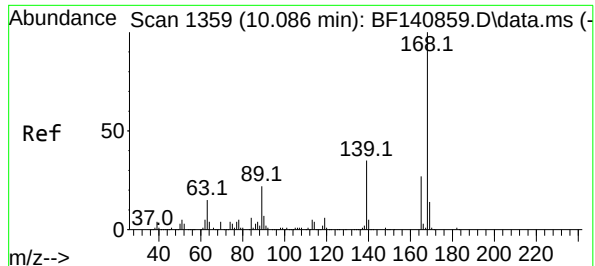
Ion Ratio Lower Upper

139 100

109 73.4 56.7 96.7

65 98.7 78.1 118.1





#57

2,4-Dinitrotoluene

Concen: 51.069 ng

RT: 10.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

Tgt Ion:165 Resp: 126004

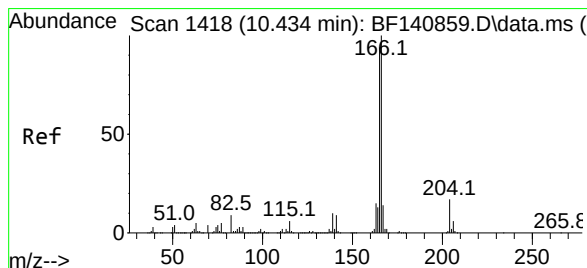
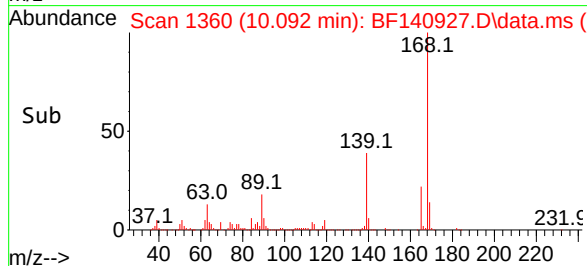
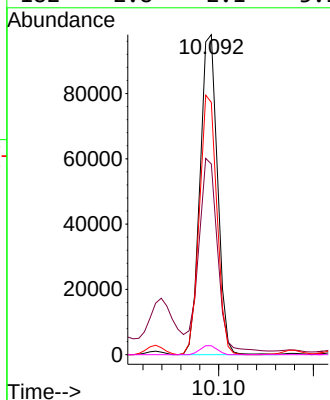
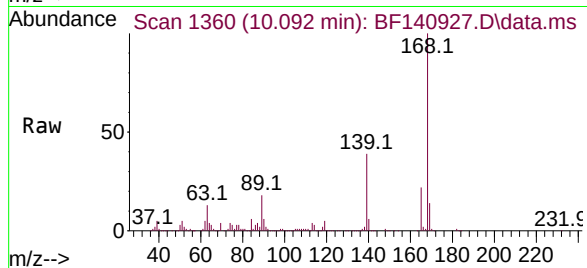
Ion Ratio Lower Upper

165 100

63 59.6 49.3 73.9

89 78.9 66.2 99.4

182 2.8 2.1 3.1



#58

Fluorene

Concen: 50.588 ng

RT: 10.433 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

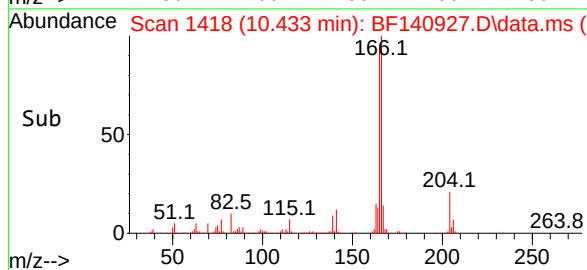
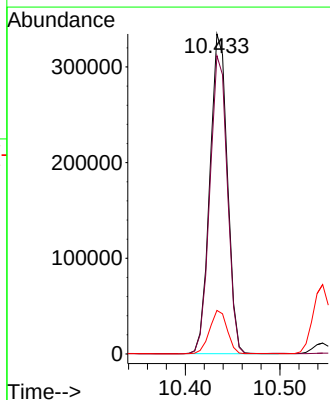
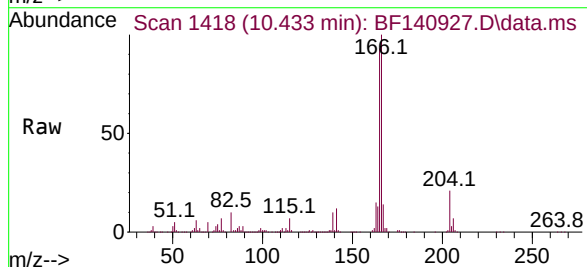
Tgt Ion:166 Resp: 429686

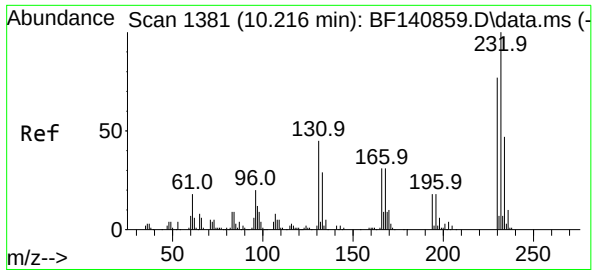
Ion Ratio Lower Upper

166 100

165 93.2 75.1 112.7

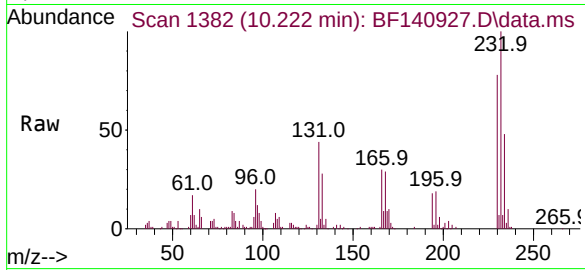
167 13.6 11.1 16.7



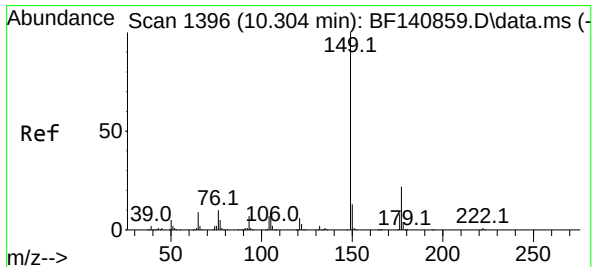
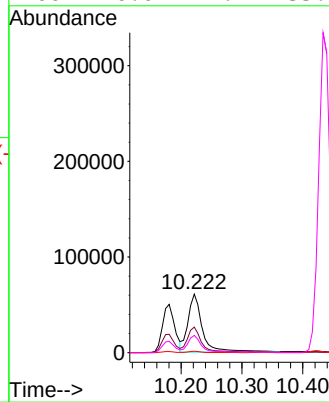
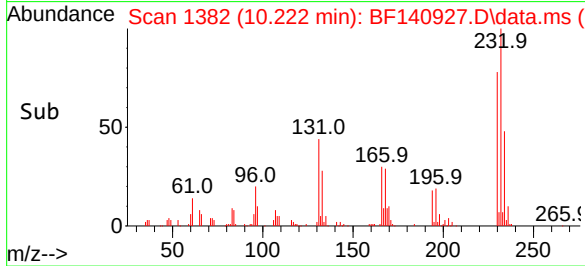


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.171 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

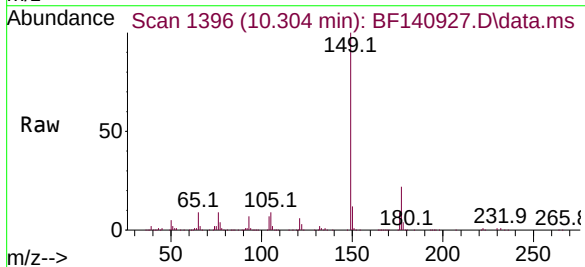
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD



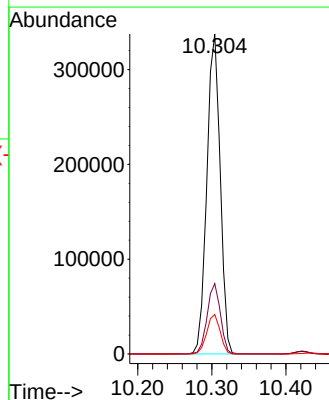
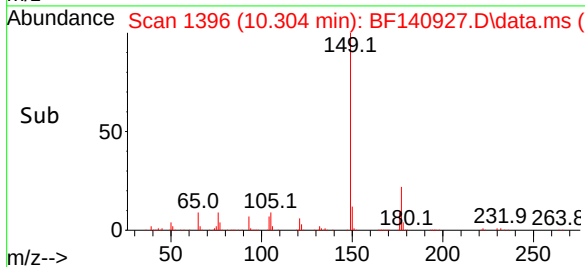
Tgt Ion:232 Resp: 98397
Ion Ratio Lower Upper
232 100
131 43.0 35.1 52.7
130 2.0 1.8 2.8
166 26.0 22.4 33.6

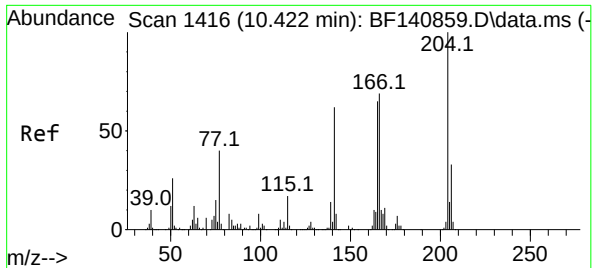


#60
Diethylphthalate
Concen: 49.634 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39



Tgt Ion:149 Resp: 422199
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.4 10.1 15.1

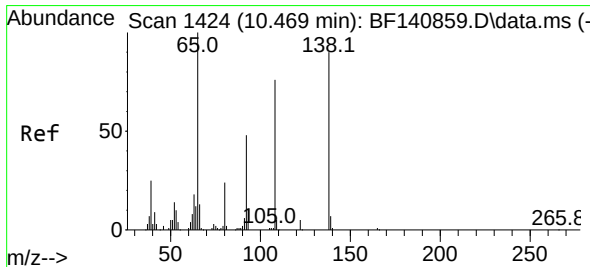
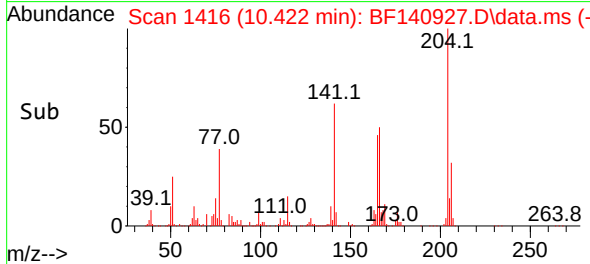
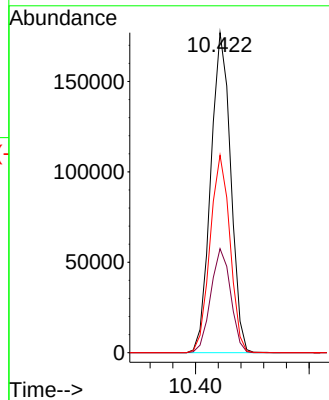
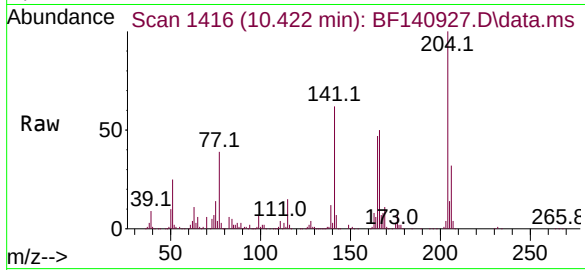




#61
4-Chlorophenyl-phenylether
Concen: 50.627 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

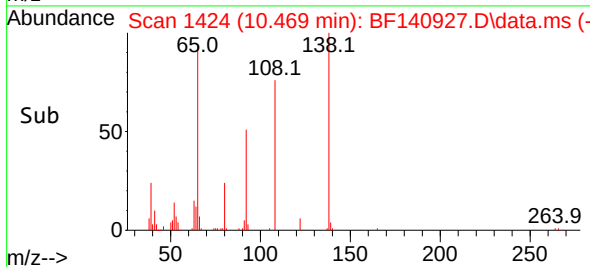
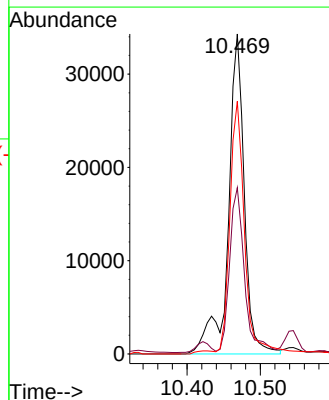
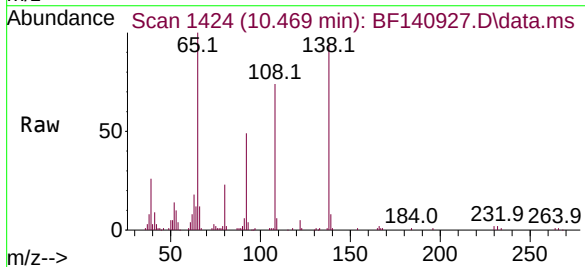
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

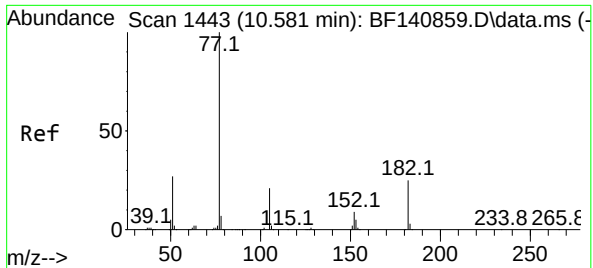
Tgt Ion:204 Resp: 216006
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 61.7 50.0 75.0



#62
4-Nitroaniline
Concen: 26.751 ng m
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:138 Resp: 52024
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 79.0 64.1 104.1

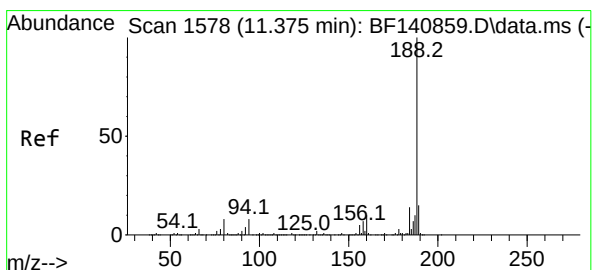
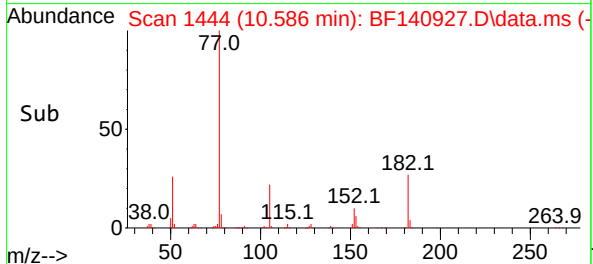
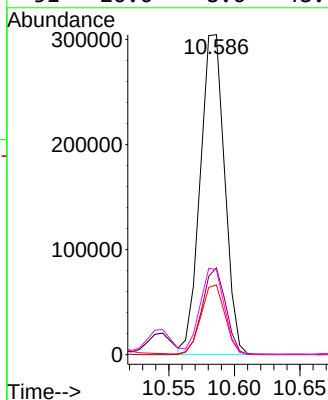
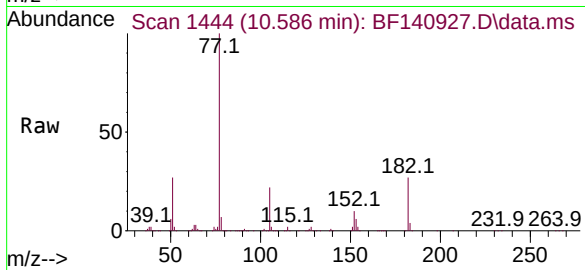




#63
Azobenzene
Concen: 49.370 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

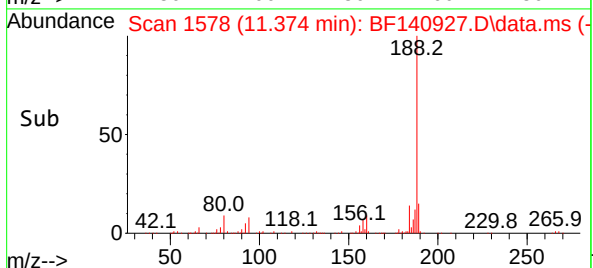
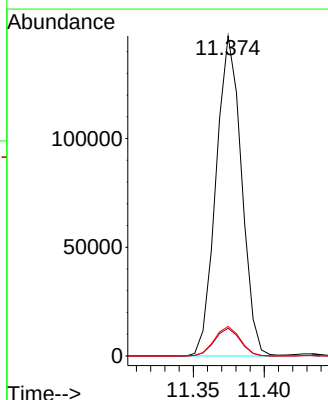
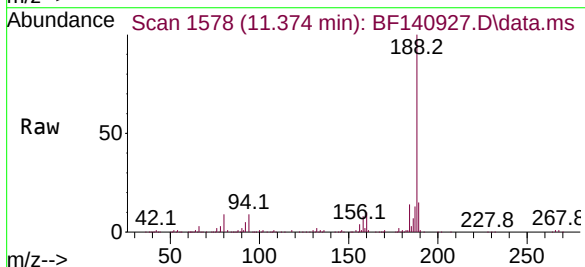
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

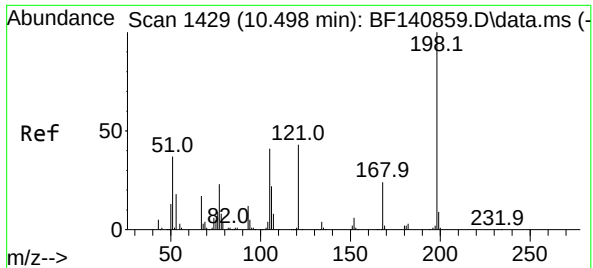
Tgt Ion: 77	Resp: 394801
Ion Ratio	Lower Upper
77 100	
182 27.1	4.5 44.5
105 21.8	0.9 40.9
51 26.6	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:188	Resp: 183633
Ion Ratio	Lower Upper
188 100	
94 8.6	6.4 9.6
80 9.2	6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 62.214 ng

RT: 10.504 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

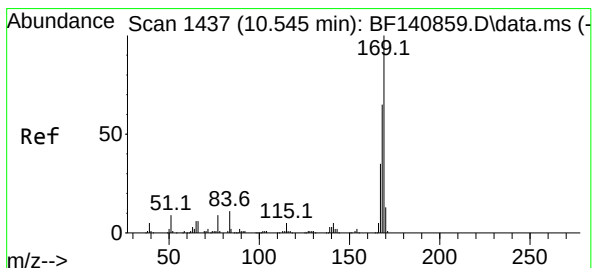
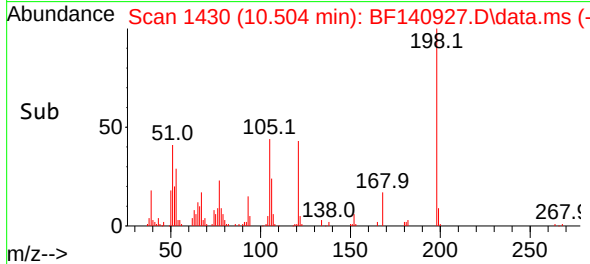
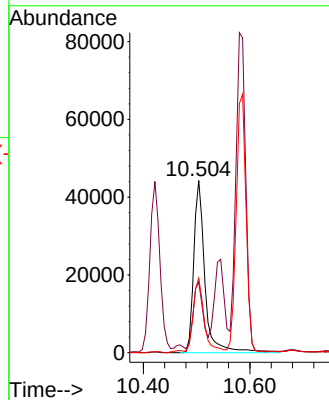
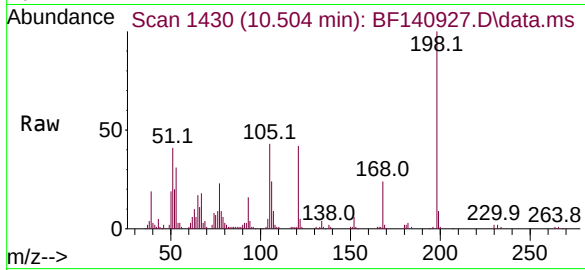
Tgt Ion:198 Resp: 64738

Ion Ratio Lower Upper

198 100

51 41.0 24.4 64.4

105 43.2 22.1 62.1



#66

n-Nitrosodiphenylamine

Concen: 45.686 ng

RT: 10.545 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

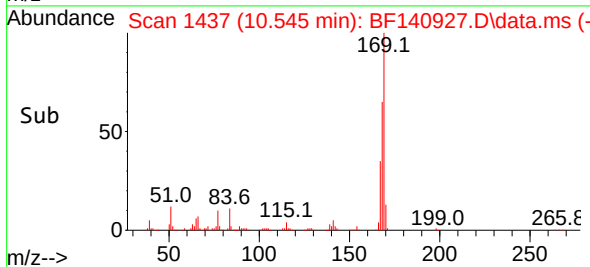
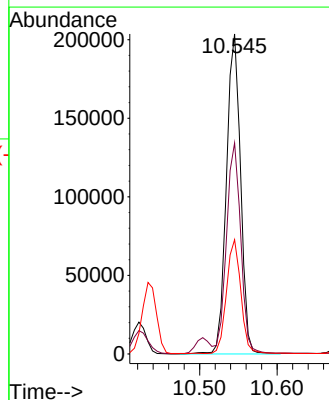
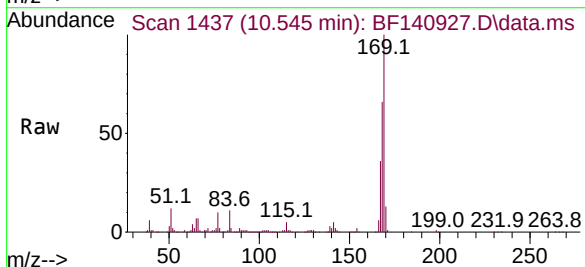
Tgt Ion:169 Resp: 257939

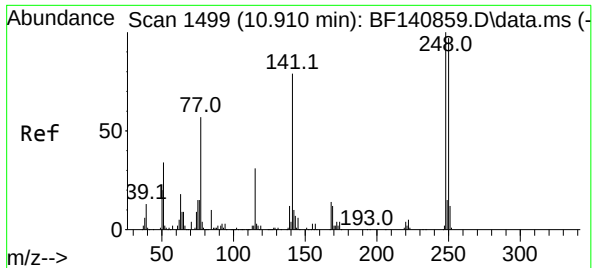
Ion Ratio Lower Upper

169 100

168 66.0 53.4 80.0

167 35.7 28.3 42.5

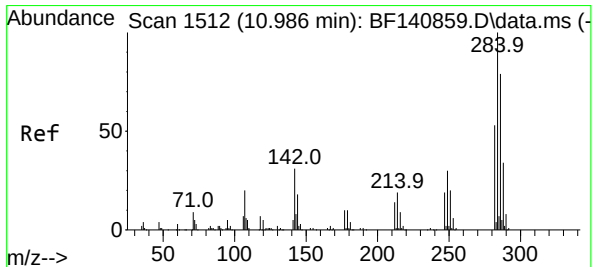
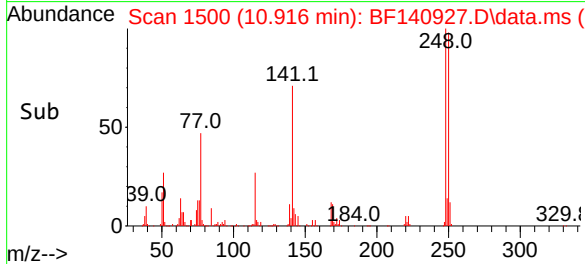
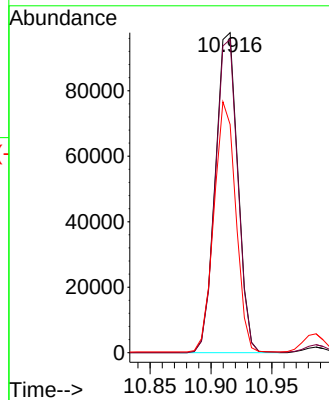
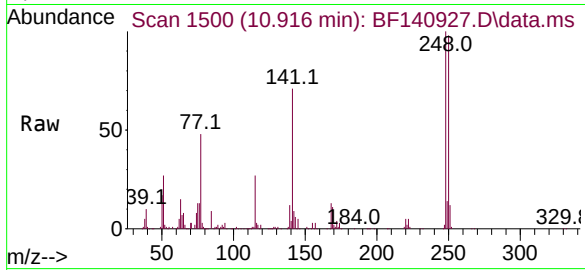




#67
4-Bromophenyl-phenylether
Concen: 61.167 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

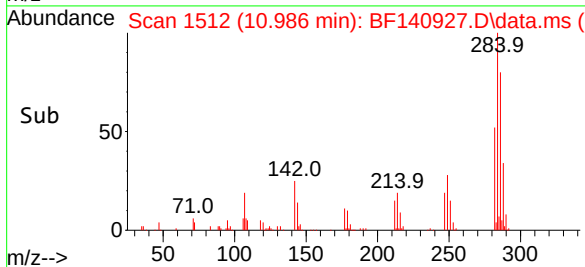
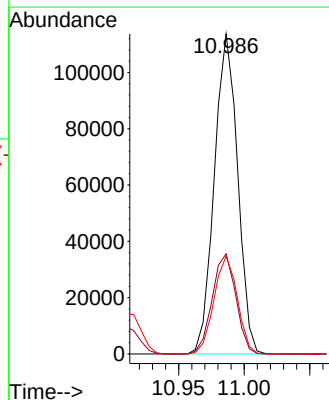
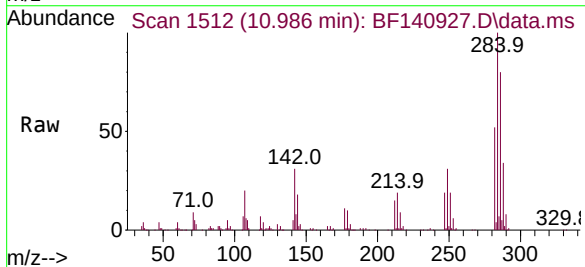
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

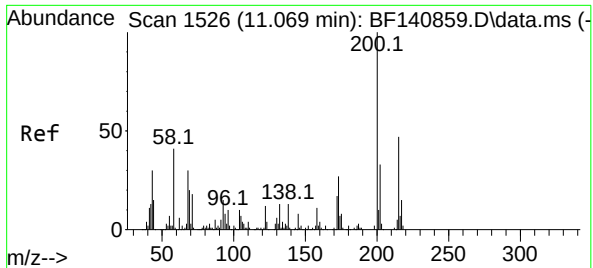
Tgt Ion:248 Resp: 125658
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.2
141 71.3 62.9 94.3



#68
Hexachlorobenzene
Concen: 60.189 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:284 Resp: 140192
Ion Ratio Lower Upper
284 100
142 31.3 24.6 36.8
249 30.6 24.3 36.5





#69

Atrazine

Concen: 13.884 ng

RT: 11.069 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

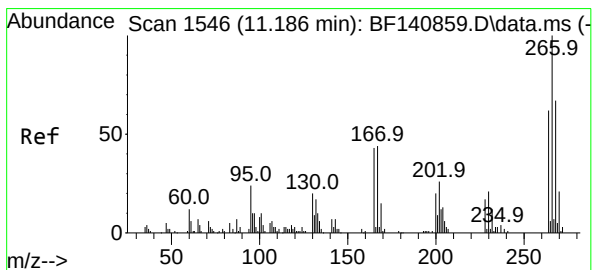
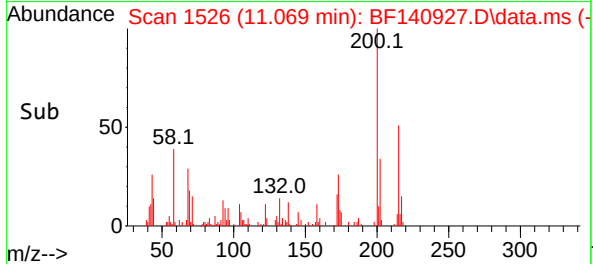
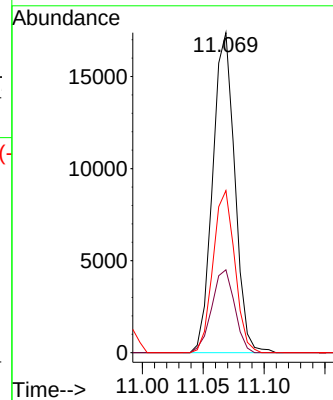
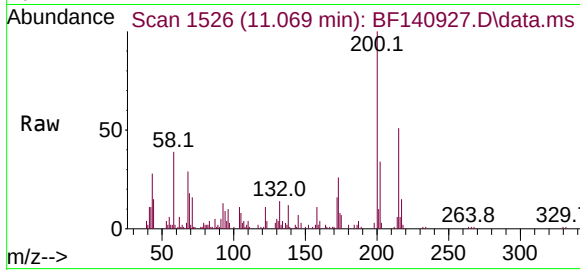
Tgt Ion:200 Resp: 21893

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

215 50.6 26.7 66.7



#70

Pentachlorophenol

Concen: 94.112 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

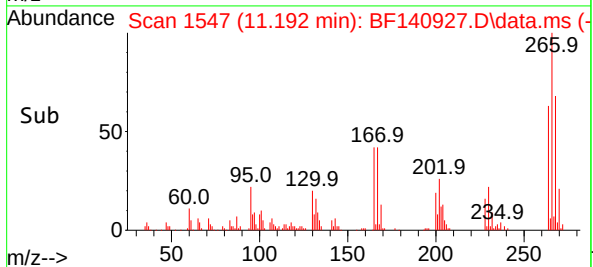
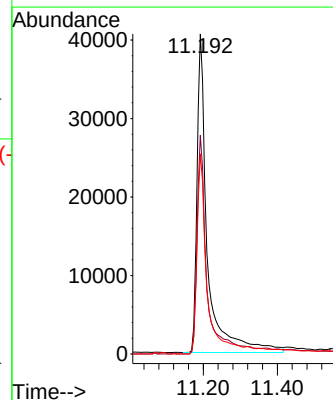
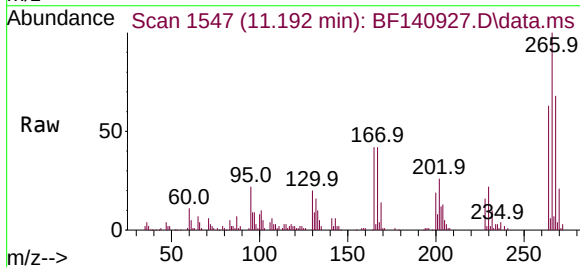
Tgt Ion:266 Resp: 80143

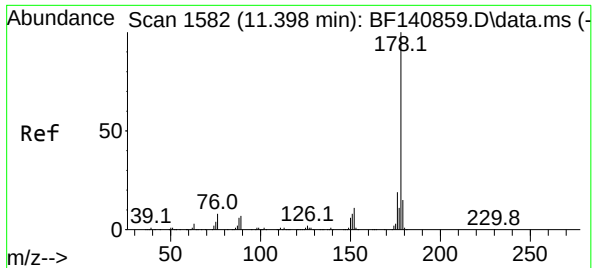
Ion Ratio Lower Upper

266 100

268 68.4 54.0 81.0

264 62.5 49.4 74.2





#71

Phenanthrene

Concen: 60.509 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

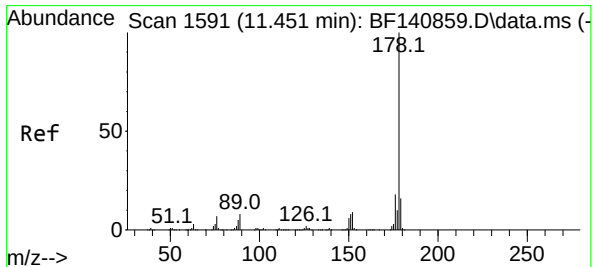
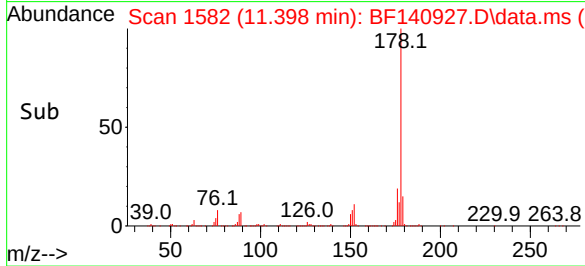
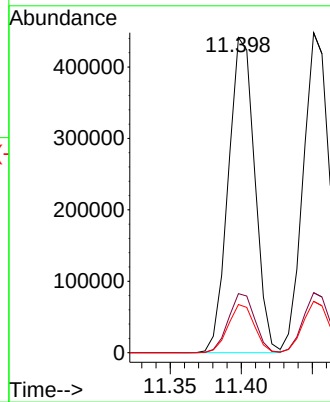
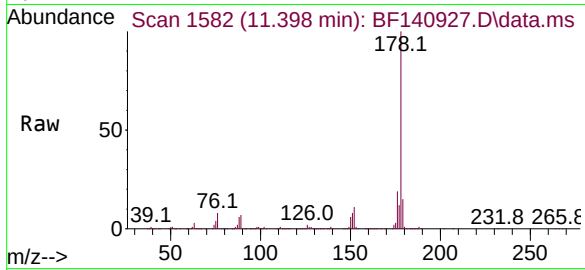
Tgt Ion:178 Resp: 571398

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.3 12.1 18.1



#72

Anthracene

Concen: 61.978 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

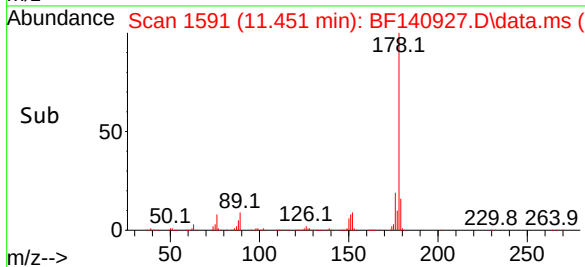
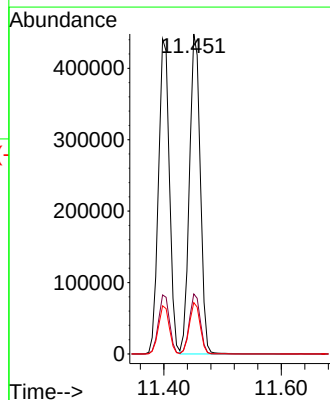
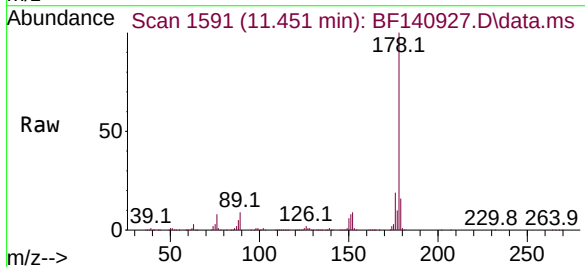
Tgt Ion:178 Resp: 576379

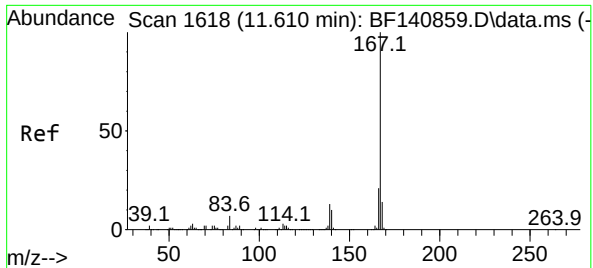
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 16.0 12.6 18.8

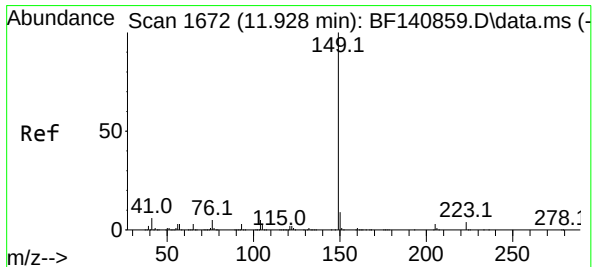
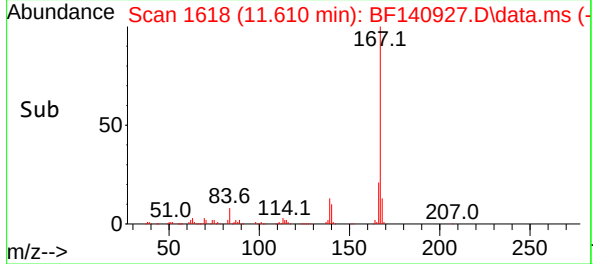
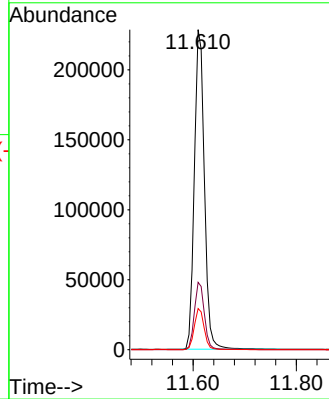
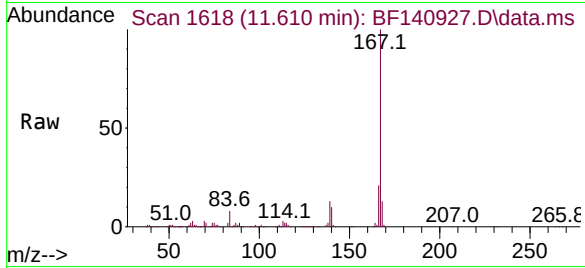




#73
Carbazole
Concen: 33.822 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

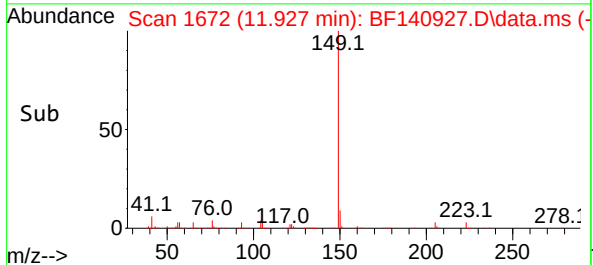
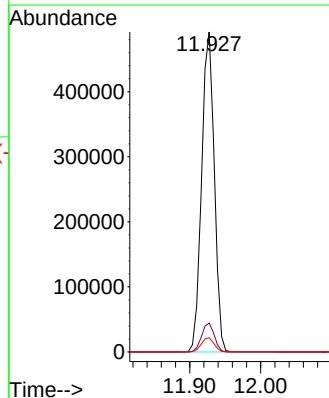
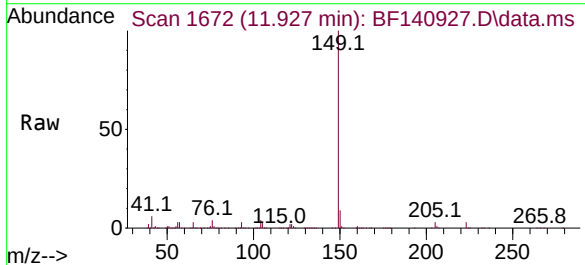
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

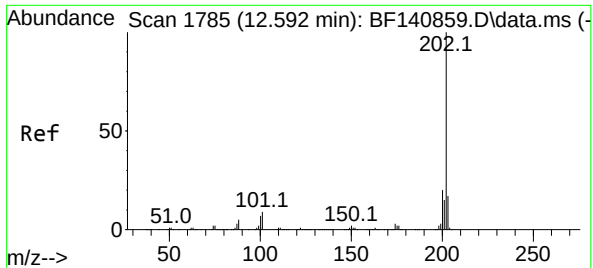
Tgt Ion:167 Resp: 308077
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.9 10.2 15.2



#74
Di-n-butylphthalate
Concen: 57.133 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:149 Resp: 610767
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.4 3.8 5.8

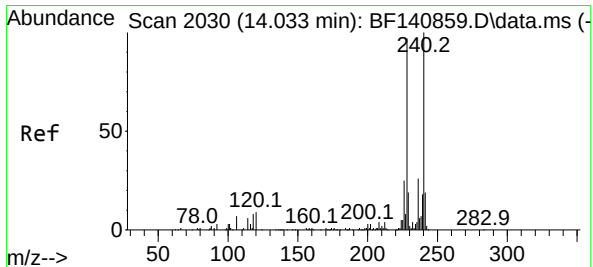
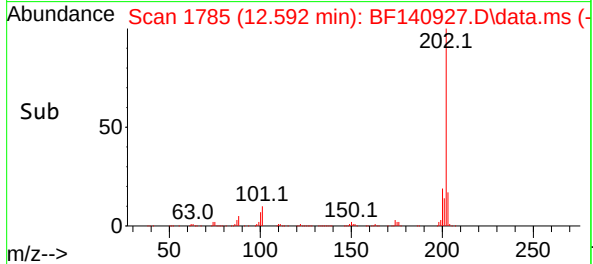
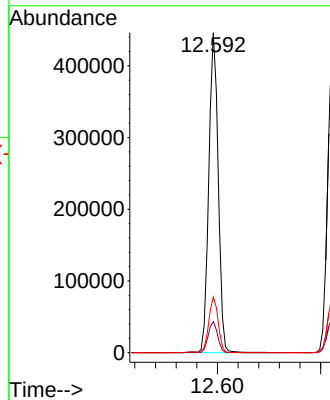
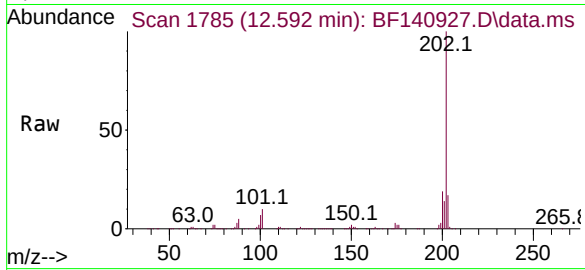




#75
Fluoranthene
Concen: 51.829 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

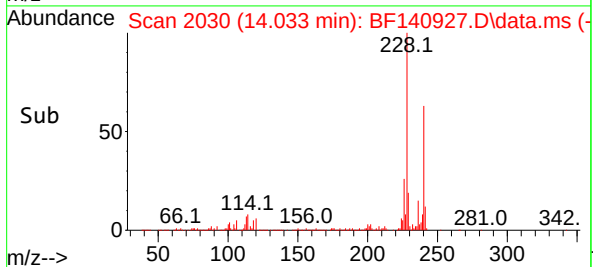
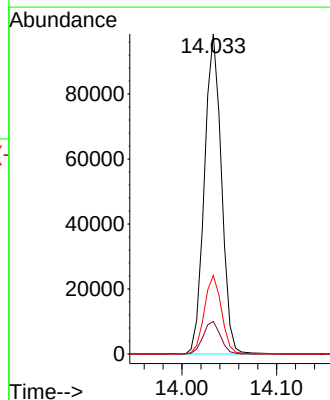
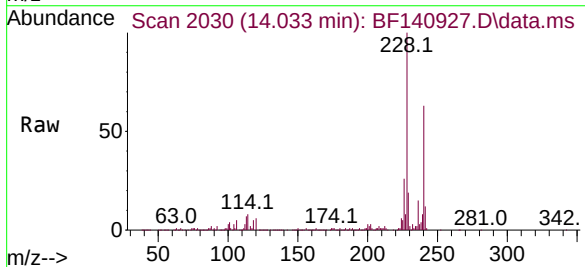
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

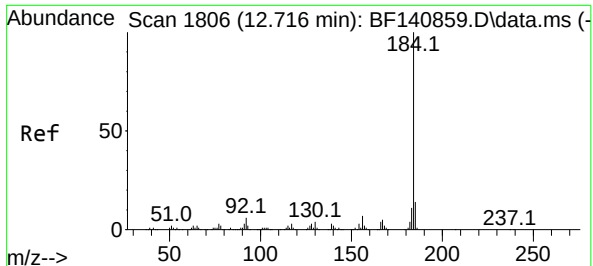
Tgt Ion:202 Resp: 563657
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:240 Resp: 122848
Ion Ratio Lower Upper
240 100
120 10.1 7.6 11.4
236 24.6 20.5 30.7





#77

Benzidine

Concen: 1.719 ng m

RT: 12.745 min Scan# 1811

Delta R.T. 0.029 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

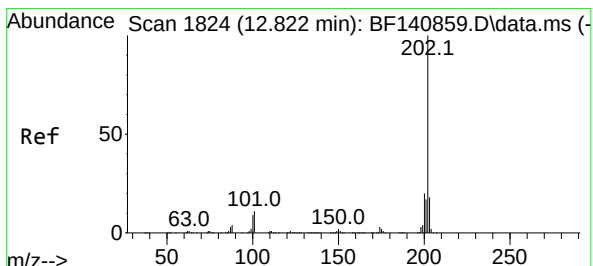
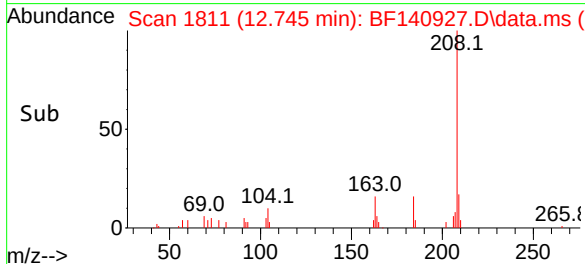
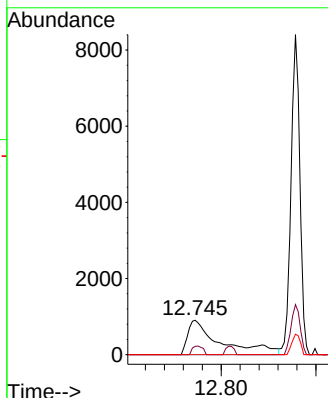
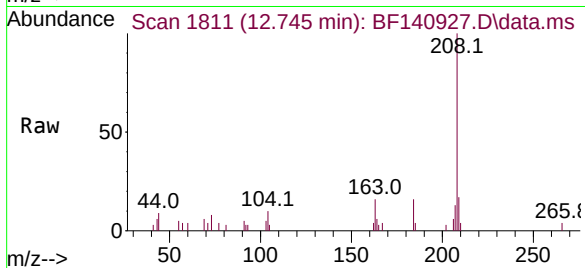
Tgt Ion:184 Resp: 4310

Ion Ratio Lower Upper

184 100

185 24.4 11.1 16.7#

183 0.0 9.0 13.4#



#78

Pyrene

Concen: 52.322 ng

RT: 12.821 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

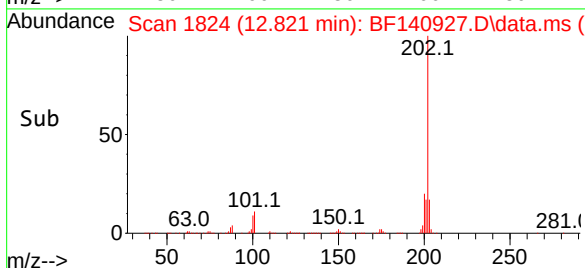
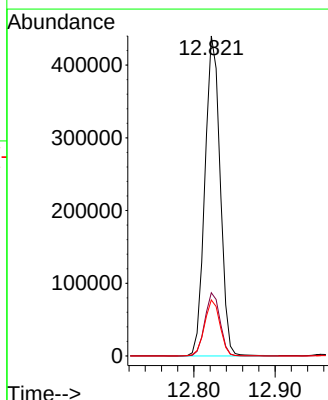
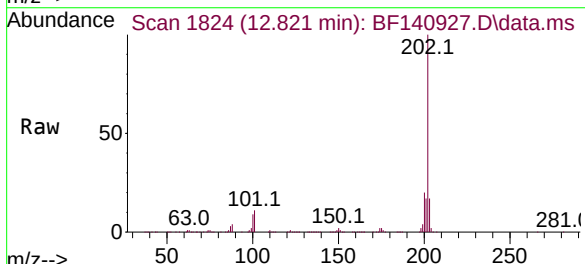
Tgt Ion:202 Resp: 571583

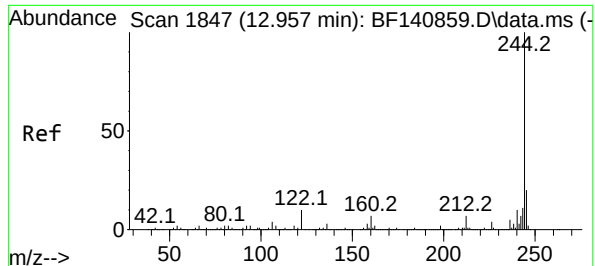
Ion Ratio Lower Upper

202 100

200 19.7 16.1 24.1

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 104.836 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

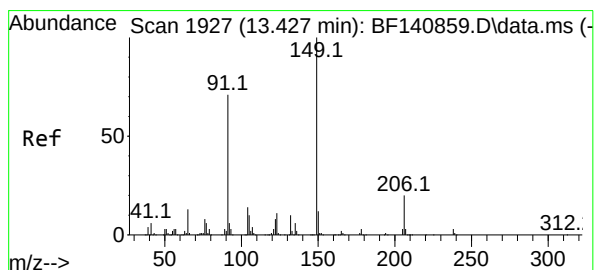
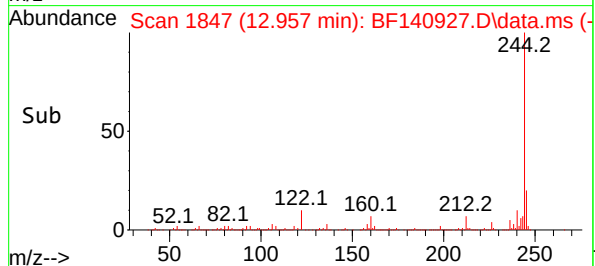
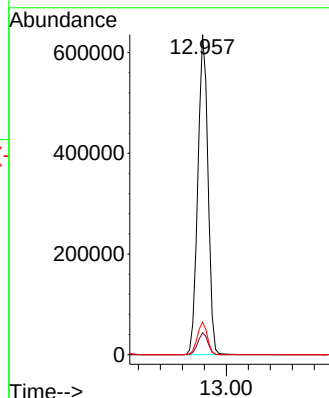
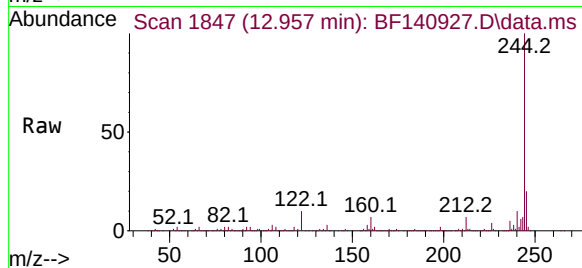
Tgt Ion:244 Resp: 816739

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 53.918 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

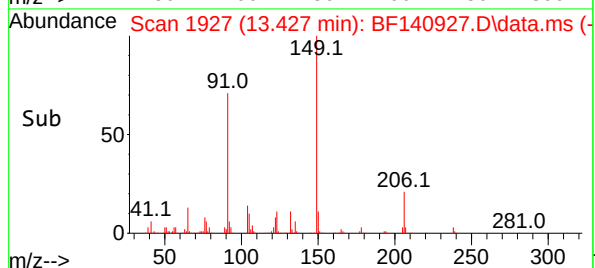
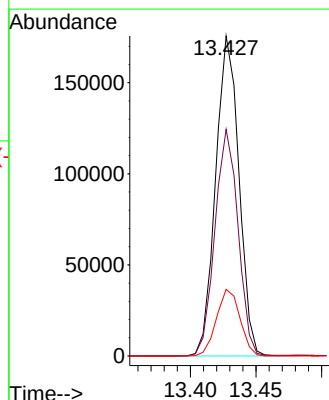
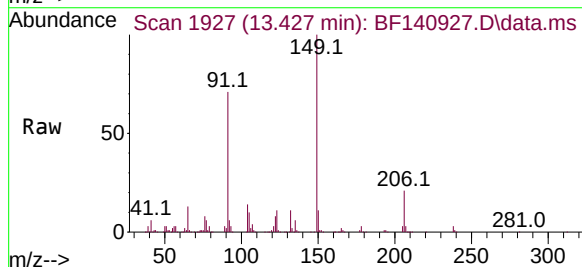
Tgt Ion:149 Resp: 216729

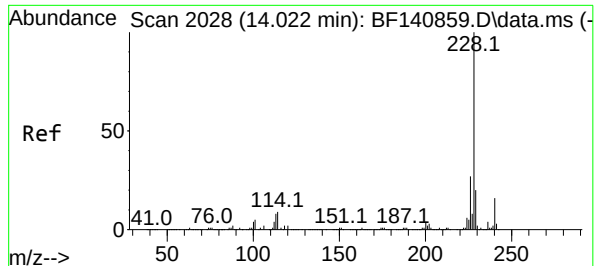
Ion Ratio Lower Upper

149 100

91 70.8 56.7 85.1

206 20.8 16.4 24.6

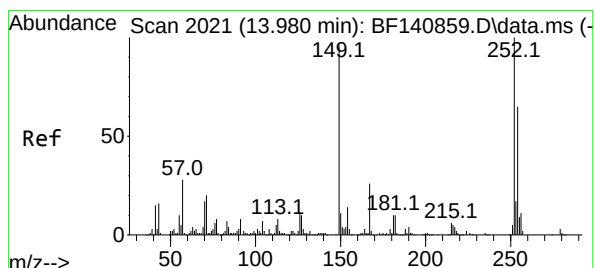
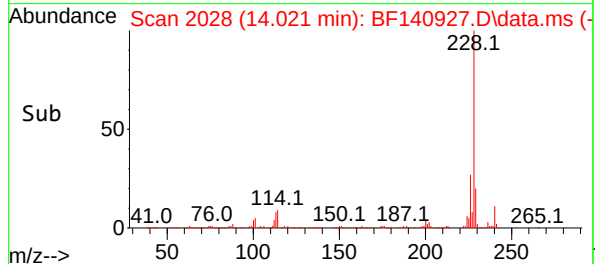
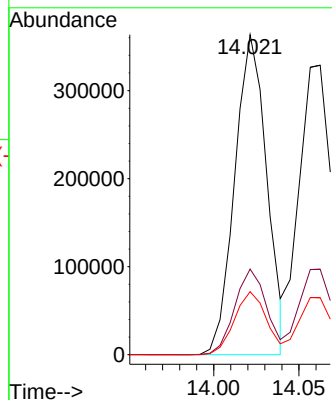
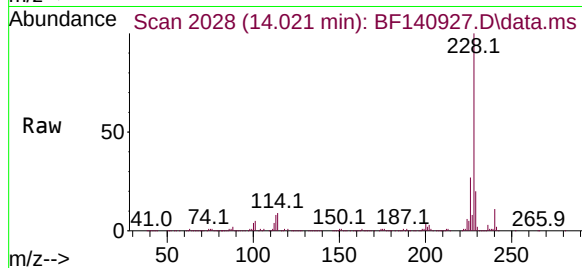




#81
Benzo(a)anthracene
Concen: 54.613 ng
RT: 14.021 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

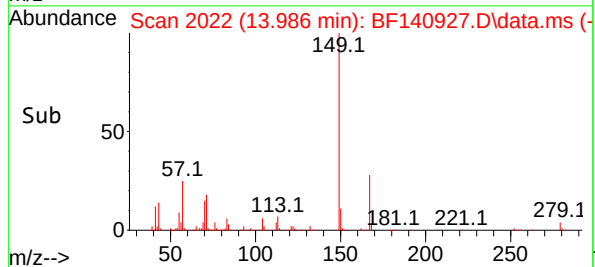
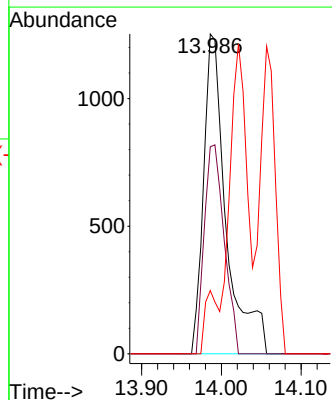
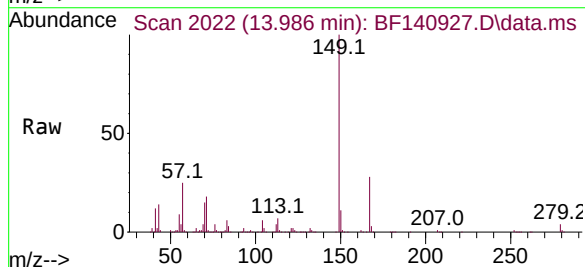
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

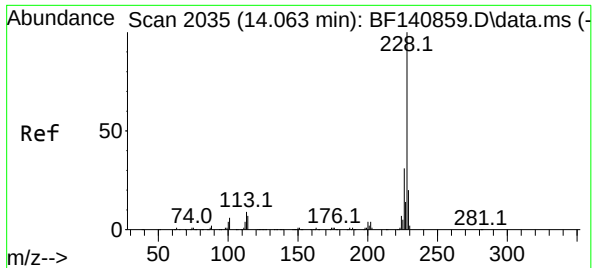
Tgt Ion:228 Resp: 475492
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 0.942 ng m
RT: 13.986 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:252 Resp: 2474
Ion Ratio Lower Upper
252 100
254 64.7 52.3 78.5
126 19.8 8.4 12.6#





#83

Chrysene

Concen: 56.540 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

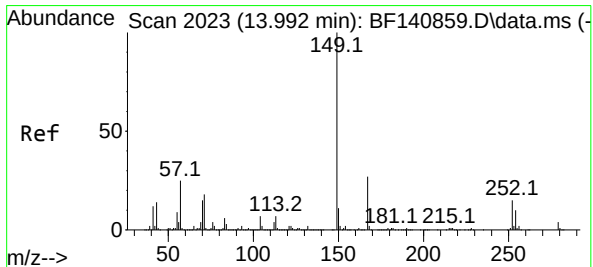
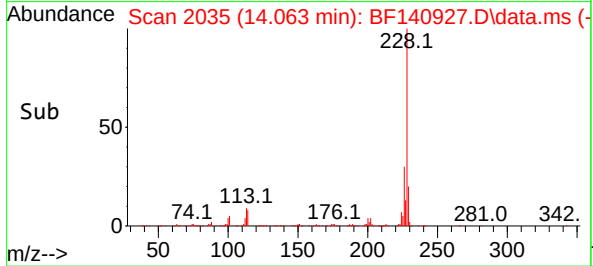
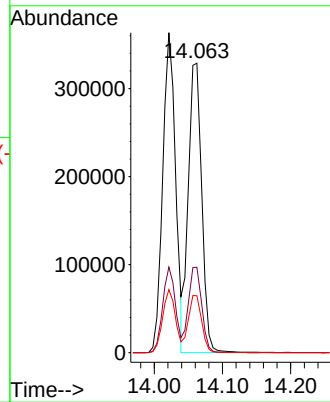
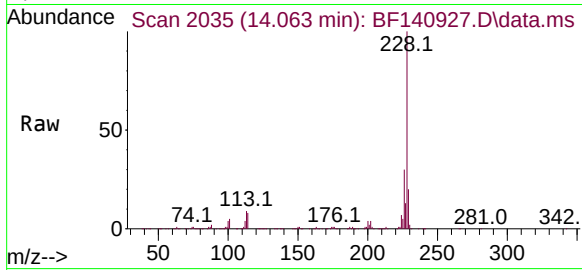
Tgt Ion:228 Resp: 447642

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.014 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

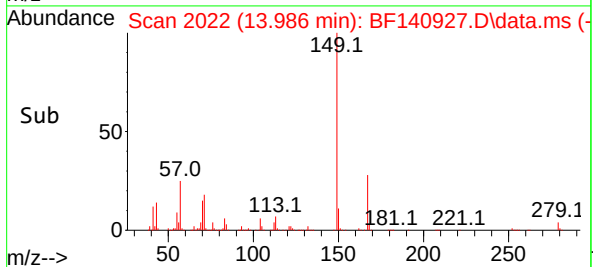
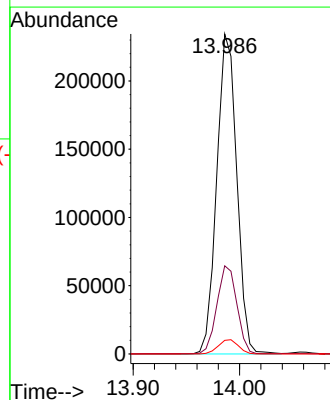
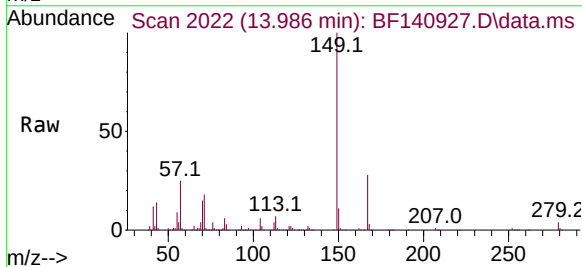
Tgt Ion:149 Resp: 305871

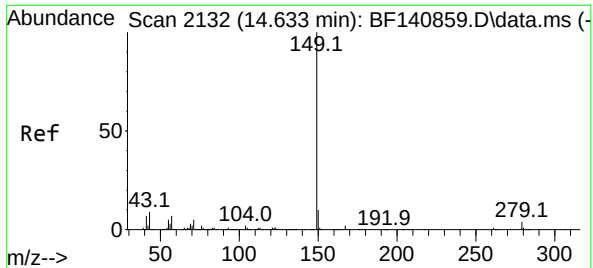
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.3 3.5 5.3

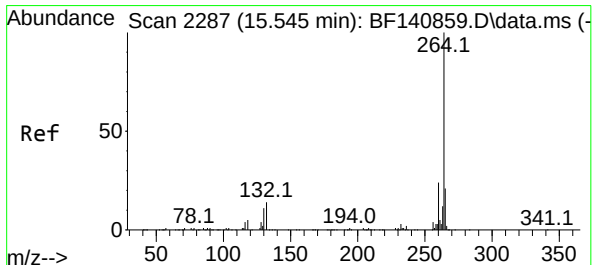
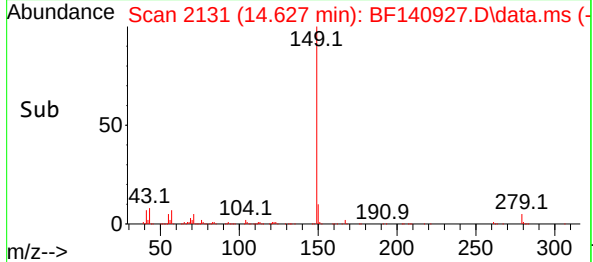
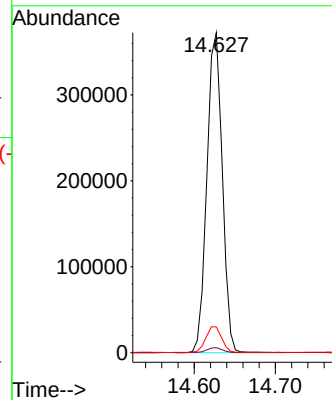
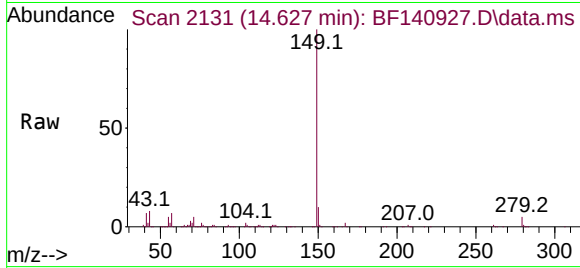




#85
Di-n-octyl phthalate
Concen: 62.505 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

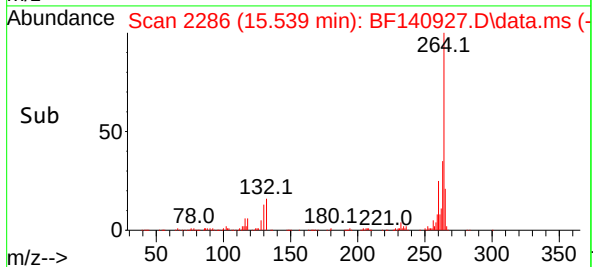
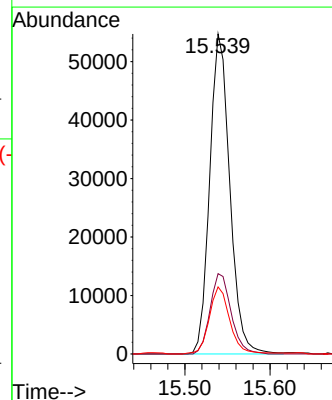
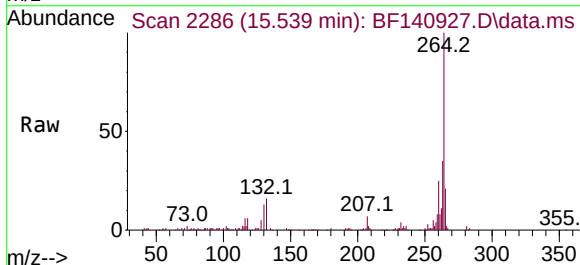
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

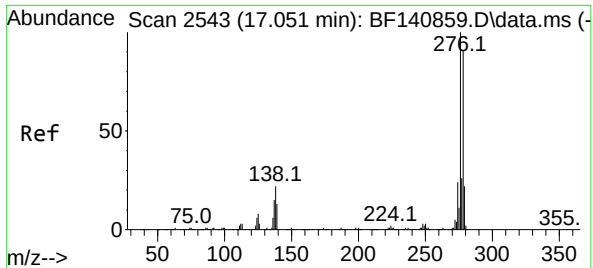
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.3	7.0	10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.1	28.7
265	20.9	17.0	25.4

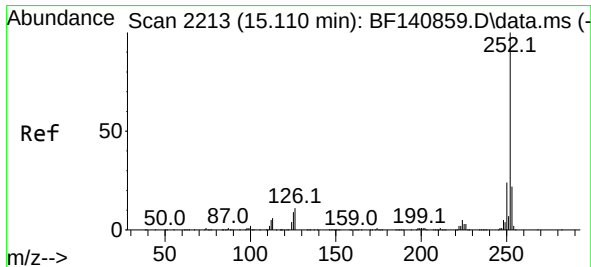
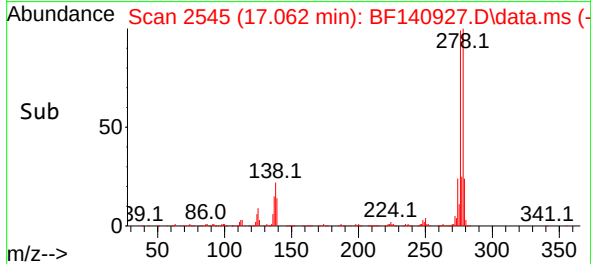
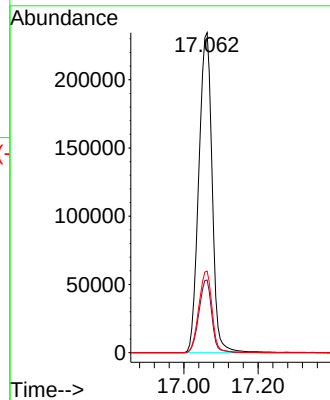
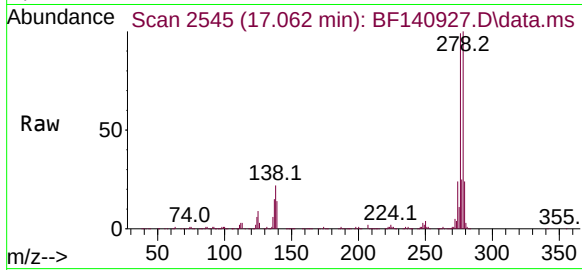




#87
Indeno(1,2,3-cd)pyrene
Concen: 104.254 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

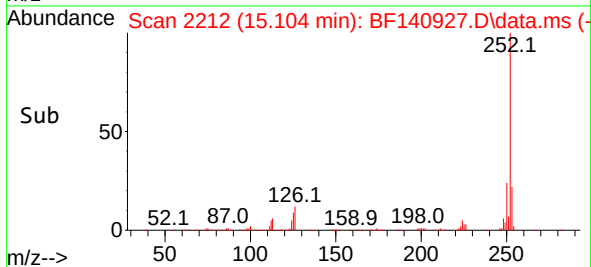
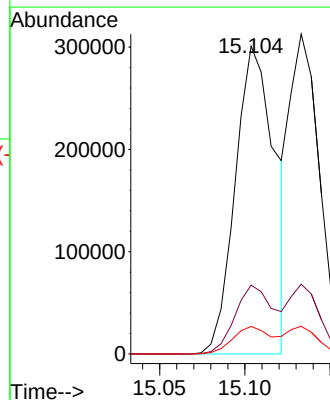
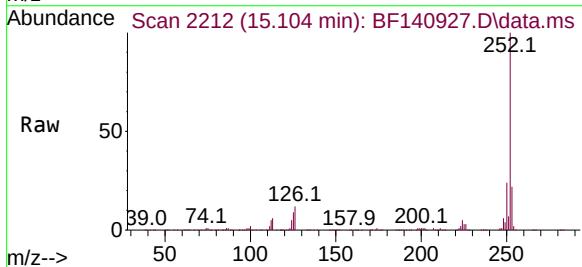
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

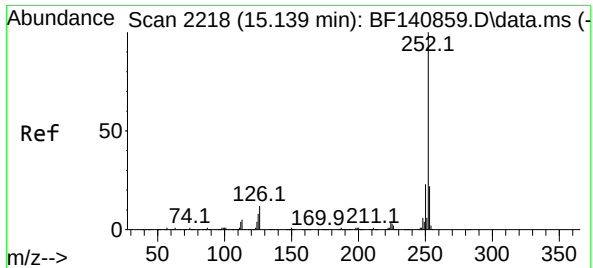
Tgt Ion:276 Resp: 584171
Ion Ratio Lower Upper
276 100
138 21.9 16.9 25.3
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 78.088 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:252 Resp: 486714
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 71.857 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

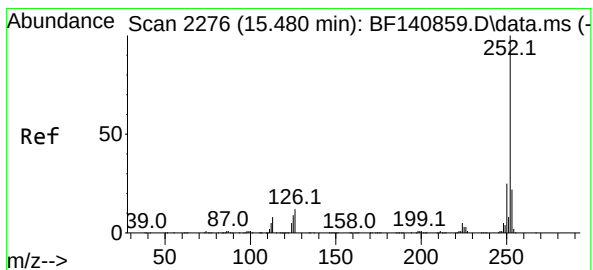
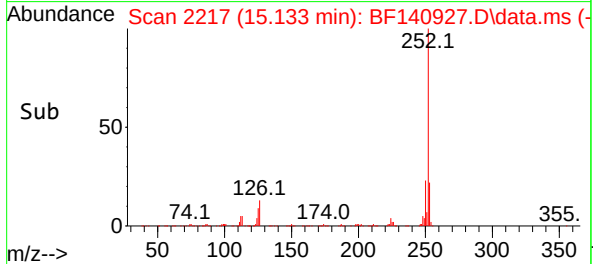
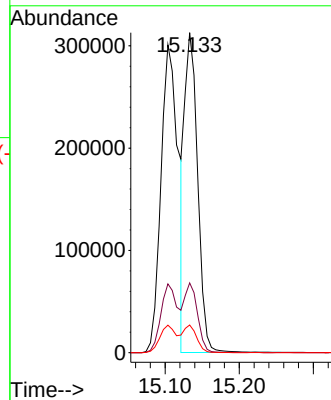
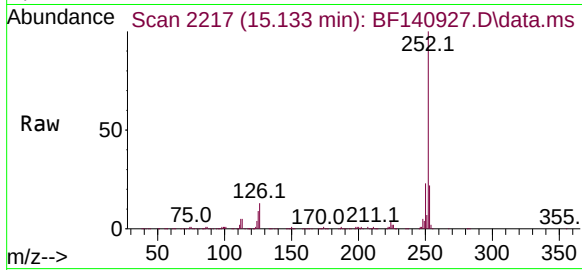
Tgt Ion:252 Resp: 384189

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 83.600 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

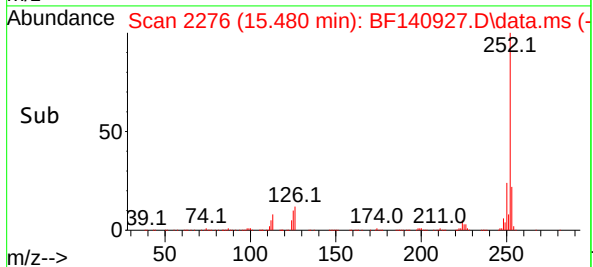
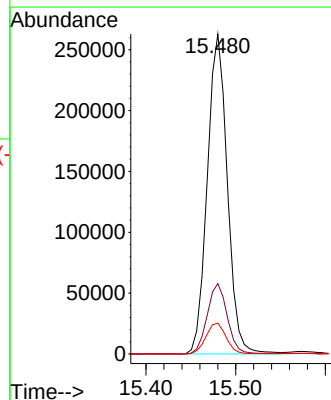
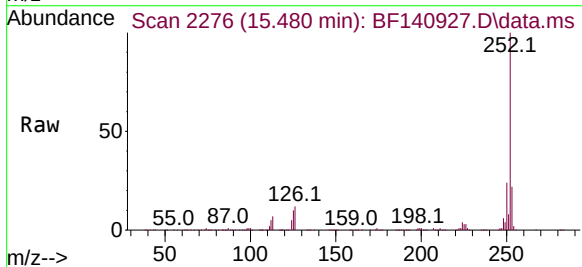
Tgt Ion:252 Resp: 408017

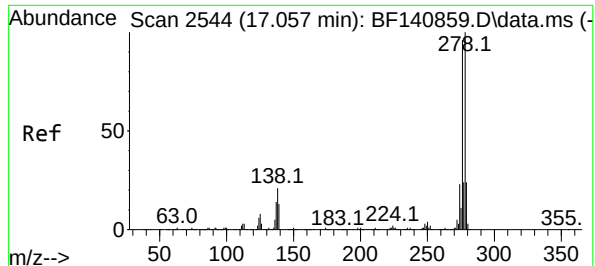
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.6 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 108.242 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

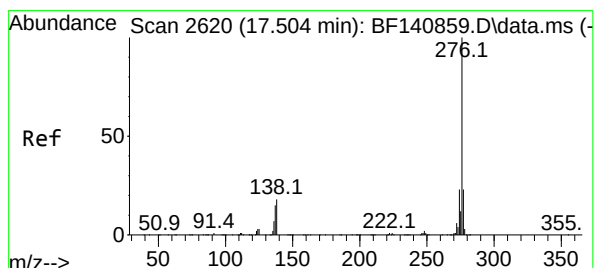
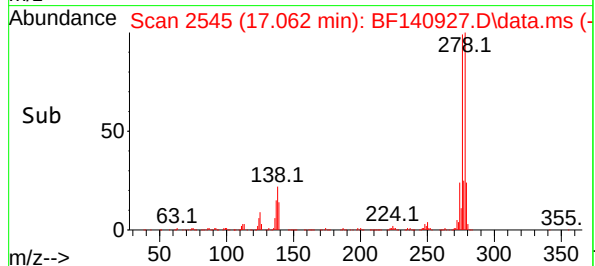
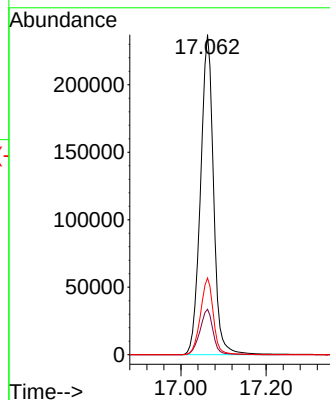
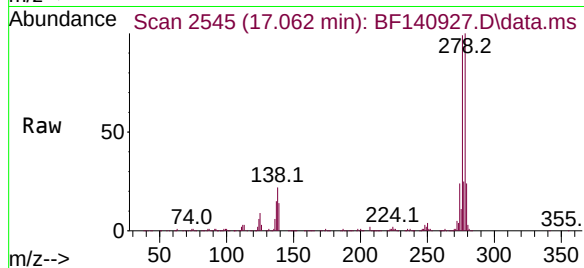
Tgt Ion:278 Resp: 502471

Ion Ratio Lower Upper

278 100

139 14.2 10.6 16.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 90.416 ng

RT: 17.509 min Scan# 2621

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

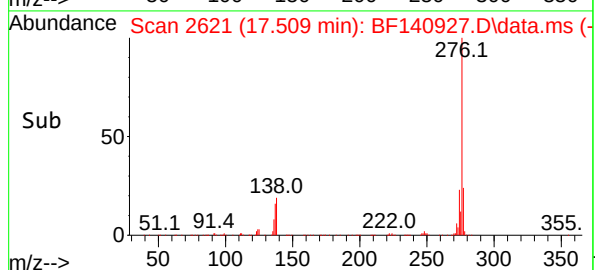
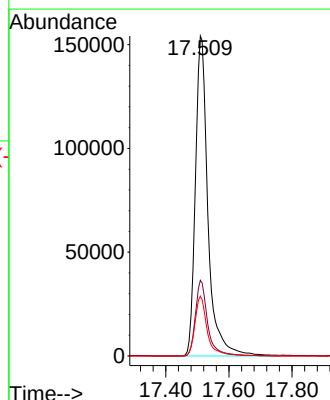
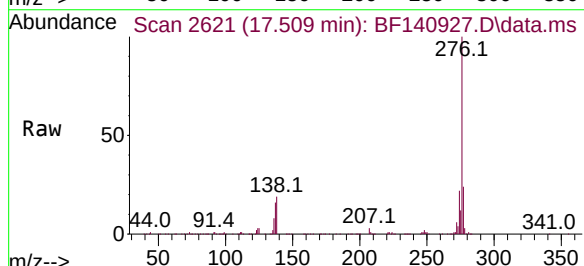
Tgt Ion:276 Resp: 427180

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.7 14.2 21.2



Manual Integration Report

Sequence:

BF121624

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF140857.D	4-Nitrophenol	yogesh	12/18/2024 1:39:47 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
SSTDICC010	BF140857.D	Pentachlorophenol	yogesh	12/18/2024 1:39:47 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
SSTDICC020	BF140858.D	Pentachlorophenol	yogesh	12/18/2024 1:39:48 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
SSTDICC080	BF140862.D	Caprolactam	yogesh	12/18/2024 1:39:50 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	bf121924	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB165719BS	BF140920.D	4-Nitroaniline	yogesh	12/21/2024 1:09:22 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
PB165719BS	BF140920.D	Caprolactam	yogesh	12/21/2024 1:09:22 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MS	BF140926.D	4-Nitroaniline	yogesh	12/21/2024 1:09:29 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MS	BF140926.D	Benzidine	yogesh	12/21/2024 1:09:29 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MS	BF140926.D	Caprolactam	yogesh	12/21/2024 1:09:29 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MSD	BF140927.D	3,3"-Dichlorobenzidine	yogesh	12/21/2024 1:09:36 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MSD	BF140927.D	4-Nitroaniline	yogesh	12/21/2024 1:09:36 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MSD	BF140927.D	Benzidine	yogesh	12/21/2024 1:09:36 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software
P5291-13MSD	BF140927.D	Caprolactam	yogesh	12/21/2024 1:09:36 AM	mohammad	12/21/2024 2:31:44 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121624

Review By	yogesh	Review On	12/18/2024 1:40:10 AM
Supervise By	mohammad	Supervise On	12/18/2024 2:36:39 AM
SubDirectory	BF121624	HP Acquire Method	BNA_F
		HP Processing Method	Bf121624
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12331,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140854.D	16 Dec 2024 11:21	RC/JU	Ok
2	SSTDICC2.5	BF140855.D	16 Dec 2024 12:13	RC/JU	Ok
3	SSTDICC005	BF140856.D	16 Dec 2024 12:39	RC/JU	Ok
4	SSTDICC010	BF140857.D	16 Dec 2024 13:05	RC/JU	Ok,M
5	SSTDICC020	BF140858.D	16 Dec 2024 14:00	RC/JU	Ok,M
6	SSTDICCC040	BF140859.D	16 Dec 2024 14:26	RC/JU	Ok
7	SSTDICC050	BF140860.D	16 Dec 2024 15:23	RC/JU	Ok
8	SSTDICC060	BF140861.D	16 Dec 2024 15:49	RC/JU	Ok
9	SSTDICC080	BF140862.D	16 Dec 2024 16:15	RC/JU	Ok,M
10	SSTDICV040	BF140863.D	16 Dec 2024 16:41	RC/JU	Ok
11	PB165543BL	BF140864.D	16 Dec 2024 17:08	RC/JU	Ok
12	PB165543BS	BF140865.D	16 Dec 2024 17:34	RC/JU	Ok,M
13	PB165590BL	BF140866.D	16 Dec 2024 18:00	RC/JU	Ok
14	PB165479BS	BF140867.D	16 Dec 2024 18:26	RC/JU	Ok,M
15	PB165479BSD	BF140868.D	16 Dec 2024 18:53	RC/JU	Ok,M
16	PB165479BL	BF140869.D	16 Dec 2024 19:19	RC/JU	Ok
17	P5192-02	BF140870.D	16 Dec 2024 19:45	RC/JU	ReRun

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM
SubDirectory	BF121924	HP Acquire Method	BNA_F
		HP Processing Method	bf121624
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12646,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF140917.D	19 Dec 2024 10:30	RC/JU	Ok
2	SSTDCCC040	BF140918.D	19 Dec 2024 11:38	RC/JU	Ok
3	PB165719BL	BF140919.D	19 Dec 2024 12:04	RC/JU	Ok
4	PB165719BS	BF140920.D	19 Dec 2024 12:30	RC/JU	Ok,M
5	PB165680TB	BF140921.D	19 Dec 2024 12:56	RC/JU	Ok
6	P5312-03	BF140922.D	19 Dec 2024 13:29	RC/JU	Ok
7	P5291-13	BF140923.D	19 Dec 2024 13:55	RC/JU	Ok
8	P5291-06DL	BF140924.D	19 Dec 2024 14:21	RC/JU	Ok
9	P5337-01	BF140925.D	19 Dec 2024 14:47	RC/JU	Ok
10	P5291-13MS	BF140926.D	19 Dec 2024 15:13	RC/JU	Ok,M
11	P5291-13MSD	BF140927.D	19 Dec 2024 15:39	RC/JU	Ok,M
12	P5291-05	BF140928.D	19 Dec 2024 16:05	RC/JU	Dilution
13	P5343-01	BF140929.D	19 Dec 2024 16:31	RC/JU	Ok,M
14	P5343-01MS	BF140930.D	19 Dec 2024 16:57	RC/JU	Not Ok
15	P5343-01MSD	BF140931.D	19 Dec 2024 17:23	RC/JU	Not Ok
16	P5343-03	BF140932.D	19 Dec 2024 17:49	RC/JU	ReRun
17	P5330-01	BF140933.D	19 Dec 2024 18:15	RC/JU	ReRun
18	P5312-01	BF140934.D	19 Dec 2024 18:41	RC/JU	ReRun
19	P5301-03MS	BF140935.D	19 Dec 2024 19:08	RC/JU	Not Ok
20	P5301-03MSD	BF140936.D	19 Dec 2024 19:34	RC/JU	Not Ok
21	P5339-01	BF140937.D	19 Dec 2024 20:00	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM
SubDirectory	BF121924	HP Acquire Method	BNA_F
		HP Processing Method	bf121624
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12646,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P5342-01	BF140938.D	19 Dec 2024 20:26	RC/JU	Dilution
23	P5342-05	BF140939.D	19 Dec 2024 20:52	RC/JU	Ok
24	P5342-03	BF140940.D	19 Dec 2024 21:19	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121624

Review By	yogesh	Review On	12/18/2024 1:40:10 AM
Supervise By	mohammad	Supervise On	12/18/2024 2:36:39 AM
SubDirectory	BF121624	HP Acquire Method	BNA_F
		HP Processing Method	Bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12331,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140854.D	16 Dec 2024 11:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF140855.D	16 Dec 2024 12:13		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF140856.D	16 Dec 2024 12:39	Compound#32,41,54,56,65,70,77 removed from 5 ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF140857.D	16 Dec 2024 13:05		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF140858.D	16 Dec 2024 14:00	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF140859.D	16 Dec 2024 14:26	Compound#41 Kept on QR & Compound#54,56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF140860.D	16 Dec 2024 15:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF140861.D	16 Dec 2024 15:49		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF140862.D	16 Dec 2024 16:15		RC/JU	Ok,M
10	SSTDICV040	ICVBF121624	BF140863.D	16 Dec 2024 16:41		RC/JU	Ok
11	PB165543BL	PB165543BL	BF140864.D	16 Dec 2024 17:08		RC/JU	Ok
12	PB165543BS	PB165543BS	BF140865.D	16 Dec 2024 17:34		RC/JU	Ok,M
13	PB165590BL	PB165590BL	BF140866.D	16 Dec 2024 18:00		RC/JU	Ok
14	PB165479BS	PB165479BS	BF140867.D	16 Dec 2024 18:26		RC/JU	Ok,M
15	PB165479BSD	PB165479BSD	BF140868.D	16 Dec 2024 18:53		RC/JU	Ok,M
16	PB165479BL	PB165479BL	BF140869.D	16 Dec 2024 19:19		RC/JU	Ok
17	P5192-02	EFF-WASTE WATER	BF140870.D	16 Dec 2024 19:45	Surrogate Fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121624

Review By	yogesh	Review On	12/18/2024 1:40:10 AM		
Supervise By	mohammad	Supervise On	12/18/2024 2:36:39 AM		
SubDirectory	BF121624	HP Acquire Method	BNA_F	HP Processing Method	Bf121624
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673				
CCC	SP6676				
Internal Standard/PEM	S12331,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM
SubDirectory	BF121924	HP Acquire Method	BNA_F
		HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF140917.D	19 Dec 2024 10:30		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140918.D	19 Dec 2024 11:38		RC/JU	Ok
3	PB165719BL	PB165719BL	BF140919.D	19 Dec 2024 12:04		RC/JU	Ok
4	PB165719BS	PB165719BS	BF140920.D	19 Dec 2024 12:30		RC/JU	Ok,M
5	PB165680TB	PB165680TB	BF140921.D	19 Dec 2024 12:56		RC/JU	Ok
6	P5312-03	CONCRETE-VNJ-222	BF140922.D	19 Dec 2024 13:29		RC/JU	Ok
7	P5291-13	WC-20241213	BF140923.D	19 Dec 2024 13:55		RC/JU	Ok
8	P5291-06DL	MW3-20241213DL	BF140924.D	19 Dec 2024 14:21		RC/JU	Ok
9	P5337-01	ETGI-357	BF140925.D	19 Dec 2024 14:47		RC/JU	Ok
10	P5291-13MS	WC-20241213MS	BF140926.D	19 Dec 2024 15:13		RC/JU	Ok,M
11	P5291-13MSD	WC-20241213MSD	BF140927.D	19 Dec 2024 15:39		RC/JU	Ok,M
12	P5291-05	MW2-20241213	BF140928.D	19 Dec 2024 16:05	Need 2X Dilution	RC/JU	Dilution
13	P5343-01	VNJ210	BF140929.D	19 Dec 2024 16:31		RC/JU	Ok,M
14	P5343-01MS	VNJ210MS	BF140930.D	19 Dec 2024 16:57	MSD is Not Ok	RC/JU	Not Ok
15	P5343-01MSD	VNJ210MSD	BF140931.D	19 Dec 2024 17:23	Internal Standard Fail	RC/JU	Not Ok
16	P5343-03	VNJ281	BF140932.D	19 Dec 2024 17:49	Internal Standard Fail	RC/JU	ReRun
17	P5330-01	TP-5	BF140933.D	19 Dec 2024 18:15	Internal Standard Fail	RC/JU	ReRun
18	P5312-01	SOIL-VNJ-222	BF140934.D	19 Dec 2024 18:41	Internal Standard Fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121924

Review By	yogesh	Review On	12/21/2024 1:10:39 AM
Supervise By	mohammad	Supervise On	12/21/2024 2:31:44 AM
SubDirectory	BF121924	HP Acquire Method	BNA_F
		HP Processing Method	bf121624

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12646,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P5301-03MS	HR-04-121624MS	BF140935.D	19 Dec 2024 19:08	Internal Standard Fail, Com#41 Recovery is zero	RC/JU	Not Ok
20	P5301-03MSD	HR-04-121624MSD	BF140936.D	19 Dec 2024 19:34	Com#41 Recovery is zero	RC/JU	Not Ok
21	P5339-01	TR-06-12182024	BF140937.D	19 Dec 2024 20:00	Internal Standard Fail	RC/JU	Ok,M
22	P5342-01	CHRT26634	BF140938.D	19 Dec 2024 20:26	Internal Standard Fail, Need 5X Dilution	RC/JU	Dilution
23	P5342-05	RB21198	BF140939.D	19 Dec 2024 20:52	Internal Standard Fail	RC/JU	Ok
24	P5342-03	HT2651	BF140940.D	19 Dec 2024 21:19	Internal Standard Fail, Need Straight Run	RC/JU	Ok

M : Manual Integration

SOP ID : M1311-TCLP-15

SDG No : N/A

Weight By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 114771

Start Prep Date : N/A Time : N/A

End Prep Date : N/A Time : N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP110804
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	W1937,W1938,W1939,W1940,W1941,W1942
1 Liter Amber	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP83122

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. p5291-13 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/11/25 09:30	<u>JP</u> <u>11C2P Room</u>	<u>SRG.</u> <u>RA</u> <u>1 Ext</u>
	Preparation Group	Analysis Group <u>12/11/25</u>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
P5291-13	WC-20241213	N/A	N/A	N/A	N/A	N/A	N/A	6.6	1.5	N/A
PB165680TB	LEB680	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P5291-13	WC-20241213	N/A	N/A	N/A	N/A	<0.5	N/A
PB165680TB	LEB680	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP WATER P5291

WorkList ID : 186404

Department : TCLP Extraction

Date : 12-17-2024 13:44:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5291-13	WC-20241213	Water	TCLP Extraction	Cool 4 deg C	PARS02	L51	12/13/2024	1311

Date/Time 12-17-24 13:50
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 12-17-24 17:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix: Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3574

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date: 12/18/2024

Extraction Start Time: 10:00

Extraction End Date: 12/18/2024

Extraction End Time: 14:55

Concentration By: EH

Supervisor By: rajesh

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6681
Surrogate	1.0ML	100/150 PPM	SP6638
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

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3848
Baked Na2SO4	N/A	EP2577
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID: Water bath -01,02

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/18/24	RP (Ext 105)	Rdsvoc
15:00	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 12/18/2024

Sample ID	Client Sample ID	Test	g ^{ml}	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165680TB	PB165680TB	TCLP BNA	100	6	RUPESH	rajesh	1			SEP-10
PB165719BL	PB165719BL	TCLP BNA	1000	6	RUPESH	rajesh	1			11
PB165719BS	PB165719BS	TCLP BNA	1000	6	RUPESH	rajesh	1			12
P5291-13	WC-20241213	TCLP BNA	100	6	RUPESH	rajesh	1	A		13
P5291-13MS	WC-20241213MS	TCLP BNA	100	6	RUPESH	rajesh	1	A		14
P5291-13MS D	WC-20241213MSD	TCLP BNA	100	6	RUPESH	rajesh	1	A		5

* Extracts relinquished on the same date as received.

[Signature]
12/18/24

TCLP EXTRACTION LOGPAGE

PB165680

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Pre
P5291-13	WC-20241213	N/A	N/A	N/A	N/A	N/A	N/A	6.6	1.5	N/A
PB165680TB	LEB680	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A

12/18/24

09130



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd.
CITY: Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.liberatore@parsons.com
PHONE: 315-418-8767 FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd.
CITY: Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen L. PHONE: 315-418-8767

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard 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+TICS
SVOC+TICS
Sulfate
TDS

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		A	E	E	E						
1.	MW1A-20241213	GW		X	12-13-24	0835	4	X			X	X					
2.	MW10D-20241213	GW		X	12-13-24	0950	4	X			X	X					
3.	MW4-20241213	GW		X	12-13-24	1104	4	X			X	X					
4.	MW5-20241213	GW		X	12-13-24	1212	4	X			X	X					
5.	MW2-20241213	GW		X	12-13-24	1322	5	X	X	X	X						
6.	MW3-20241213	GW		X	12-13-24	1422	5	X	X	X	X						
7.	MW6-20241213	GW		X	12-13-24	1518	15	X	X	X	X						
8.	MW6-20241213A	GW		X	12-13-24	1518	5	X	X	X	X						
9.	Equip Blank-20241213	W		X	12-13-24	1730	5	X	X	X	X						
10.	Trip Blank	W		X	12-6-24		2	X									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Bill Chaky</u>	DATE/TIME: <u>12-13-24/2001</u>	RECEIVED BY: <u></u>
RELINQUISHED BY SAMPLER: 2. <u></u>	DATE/TIME: <u>12-16-24</u>	RECEIVED BY: <u></u>
RELINQUISHED BY SAMPLER: 3. <u></u>	DATE/TIME: <u></u>	RECEIVED BY: <u></u>

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C
Comments: IR Cont #1

Page of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 301 Plainfield Rd.
CITY: Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen Liberatore
PHONE: 315-418-8767 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave
PROJECT NO.: 453957 LOCATION: Brooklyn, NY
PROJECT MANAGER: Stephen Liberatore
e-mail: stephen.liberatore@parsons.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Parsons PO#:
ADDRESS: 301 Plainfield Rd.
CITY: Syracuse STATE: NY ZIP: 13212
ATTENTION: Stephen L. PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE) Standard 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

TCLP BNA
PCB
Flash Point
PH
React CN/Sulfide
TCLP VOC
TCLP Metals/Hg

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	E	E	E	A	E			
1.	WC-20241213	GW	X		12-13-24	1700	8	X	X	X	X	X	X	X			
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Bill Chaky</u>	DATE/TIME: <u>12-13-24/2000</u>	RECEIVED BY: <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.2 °C</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u>12-16-24</u>	RECEIVED BY: <u>[Signature]</u>	Comments: <u>IR-61</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u> </u>	RECEIVED BY: <u> </u>	

Page of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5291 PARS02

Order Date : 12/16/2024 10:45:00 AM

Project Mgr :

Client Name : PARSONS Main of New Yc

Project Name : Con Edison Non-MGP - Atl

Report Type : Results Only

Client Contact : Stephen Liberatore

Receive DateTime : 12/16/2024 7:30:00 AM

EDD Type : Excel NY

Invoice Name : PARSONS Main of New Yc

Purchase Order :

Hard Copy Date :

Invoice Contact : Stephen Liberatore

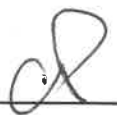
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5291-01	MW1A-20241213	Water	12/13/2024	08:35					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	5 days
P5291-02	MW10D-20241213	Water	12/13/2024	09:50					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-03	MW4-20241213	Water	12/13/2024	11:04					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-04	MW5-20241213	Water	12/13/2024	12:12					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-05	MW2-20241213	Water	12/13/2024	13:22					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-06	MW3-20241213	Water	12/13/2024	14:22					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-07	MW6-20241213	Water	12/13/2024	15:18					
					VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-08	P5291-07MS	Water	12/13/2024	15:18					

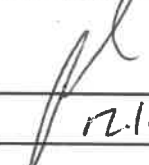
LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5291	PARS02	Order Date : 12/16/2024 10:45:00 AM	Project Mgr :
Client Name : PARSONS Main of New Yc		Project Name : Con Edison Non-MGP - Atl	Report Type : Results Only
Client Contact : Stephen Liberatore		Receive DateTime : 12/16/2024 7:30:00 AM	EDD Type : Excel NY
Invoice Name : PARSONS Main of New Yc		Purchase Order :	Hard Copy Date :
Invoice Contact : Stephen Liberatore			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5291-09	P5291-07MSD	Water	12/13/2024	15:18	VOCMS Group1		8260-Low	~~10~~ Bus. Days	5 days
P5291-10	MW6-20241213-A	Water	12/13/2024	15:18	VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-11	EQUID-BLANK-20241213 ⁺ EQUIP-BLANK-20241213	Water	12/13/2024	17:30	VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-12	TB-20241216	Water	12/13/2024	00:00	VOCMS Group1		8260-Low	~~10~~ Bus. Days	
P5291-13	WC-20241213	Water	12/13/2024	17:00	VOCMS Group1		8260-Low	~~10~~ Bus. Days	
					TCLP VOA		8260D	10 Bus. Days	

Relinquished By : 

Date / Time : 12-16-24 11:25

Received By : 

Date / Time : 12-16-24 11:25

Storage Area : VOA Refridgerator Room