

Cover Page

Order ID : P5192

Project ID : PVSC Monthly 2024

Client : Ardmore Chemical

Lab Sample Number

P5192-01
P5192-02

Client Sample Number

EFF-WASTE WATER
EFF-WASTE WATER

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: 12/13/2024

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 #: P5192

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 Castody

✓

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: KETAN PATEL

Date: 12/13/2024

LAB CHRONICLE

OrderID:	P5192	OrderDate:	12/6/2024 2:34:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2024
Contact:	Michael Sharphouse	Location:	M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5192-02	EFF-WASTE WATER	Water			12/06/24			12/06/24
			SVOCMS Group1	625.1		12/09/24	12/16/24	
P5192-02RE	EFF-WASTE WATERRE	Water			12/06/24			12/06/24
			SVOCMS Group1	625.1		12/09/24	12/17/24	



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Hit Summary Sheet
SW-846

SDG No.: P5192
Client: Ardmore Chemical

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: P5192

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P5192-02	EFF-WASTE WATER	2-Fluorophenol	100	54.2	54	*	60	140
		Phenol-d6	100	34.5	35	*	60	140
		Nitrobenzene-d5	100	116	116		60	140
		2-Fluorobiphenyl	100	91.6	92		60	140
		2,4,6-Tribromophenol	100	86.2	86		60	140
		Terphenyl-d14	100	89.5	89		60	140
P5192-02RE	EFF-WASTE WATERRE	2-Fluorophenol	100	48.6	49	*	60	140
		Phenol-d6	100	30.4	30	*	60	140
		Nitrobenzene-d5	100	106	106		60	140
		2-Fluorobiphenyl	100	90.9	91		60	140
		2,4,6-Tribromophenol	100	85.7	86		60	140
		Terphenyl-d14	100	85.3	85		60	140
PB165479BL	PB165479BL	2-Fluorophenol	100	85.2	85		60	140
		Phenol-d6	100	86.3	86		60	140
		Nitrobenzene-d5	100	93.7	94		60	140
		2-Fluorobiphenyl	100	84.5	84		60	140
		2,4,6-Tribromophenol	100	76.4	76		60	140
		Terphenyl-d14	100	87.6	88		60	140
PB165479BS	PB165479BS	2-Fluorophenol	100	96.3	96		60	140
		Phenol-d6	100	92.2	92		60	140
		Nitrobenzene-d5	100	96.9	97		60	140
		2-Fluorobiphenyl	100	94.2	94		60	140
		2,4,6-Tribromophenol	100	94.2	94		60	140
		Terphenyl-d14	100	94.4	94		60	140
PB165479BSD	PB165479BSD	2-Fluorophenol	100	99.2	99		60	140
		Phenol-d6	100	90.7	91		60	140
		Nitrobenzene-d5	100	93.6	94		60	140
		2-Fluorobiphenyl	100	89.3	89		60	140
		2,4,6-Tribromophenol	100	90.2	90		60	140
		Terphenyl-d14	100	87.5	87		60	140

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5192

Client: Ardmore Chemical

Analytical Method: 625.1

DataFile: BF140867.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB165479BS	n-Nitrosodimethylamine	50	50.5	ug/L	101				52	110	
	Phenol	50	48.9	ug/L	98				48	130	
	bis(2-Chloroethyl)ether	50	49.4	ug/L	99				52	130	
	2-Chlorophenol	50	49.6	ug/L	99				55	130	
	2,2-oxybis(1-Chloropropane)	50	49.4	ug/L	99				63	139	
	N-Nitroso-di-n-propylamine	50	49.3	ug/L	99				59	170	
	Hexachloroethane	50	46.2	ug/L	92				55	130	
	Nitrobenzene	50	47.0	ug/L	94				54	158	
	Isophorone	50	50.5	ug/L	101				52	180	
	2-Nitrophenol	50	49.3	ug/L	99				61	163	
	2,4-Dimethylphenol	50	59.5	ug/L	119				58	130	
	bis(2-Chloroethoxy)methane	50	48.7	ug/L	97				52	164	
	2,4-Dichlorophenol	50	48.9	ug/L	98				64	130	
	1,2,4-Trichlorobenzene	50	45.5	ug/L	91				44	142	
	Naphthalene	50	47.1	ug/L	94				70	130	
	Hexachlorobutadiene	50	46.4	ug/L	93				68	130	
	4-Chloro-3-methylphenol	50	47.7	ug/L	95				68	130	
	Hexachlorocyclopentadiene	100	76.6	ug/L	77				21	137	
	2,4,6-Trichlorophenol	50	47.8	ug/L	96				69	130	
	2-Chloronaphthalene	50	46.4	ug/L	93				70	130	
	Dimethylphthalate	50	50.0	ug/L	100				50	130	
	Acenaphthylene	50	51.5	ug/L	103				60	130	
	2,6-Dinitrotoluene	50	46.0	ug/L	92				68	137	
	Acenaphthene	50	49.0	ug/L	98				70	130	
	2,4-Dinitrophenol	100	83.9	ug/L	84				39	173	
	4-Nitrophenol	100	99.7	ug/L	100				35	130	
	2,4-Dinitrotoluene	50	48.8	ug/L	98				53	130	
	Diethylphthalate	50	49.6	ug/L	99				47	130	
	4-Chlorophenyl-phenylether	50	48.0	ug/L	96				57	145	
	Fluorene	50	47.2	ug/L	94				70	130	
	4,6-Dinitro-2-methylphenol	50	48.4	ug/L	97				56	130	
	N-Nitrosodiphenylamine	50	51.2	ug/L	102		*		63	100	
	Azobenzene	50	47.8	ug/L	96				58	105	
	4-Bromophenyl-phenylether	50	49.1	ug/L	98				70	130	
	Hexachlorobenzene	50	48.1	ug/L	96				38	142	
	Pentachlorophenol	100	99.3	ug/L	99				42	152	
	Phenanthrene	50	49.9	ug/L	100				67	130	
	Anthracene	50	51.4	ug/L	103				58	130	
	Di-n-butylphthalate	50	50.2	ug/L	100				52	130	
	Fluoranthene	50	47.7	ug/L	95				47	130	
	Benzidine	100	44.8	ug/L	45				10	133	
	Pyrene	50	46.5	ug/L	93				70	130	
	Butylbenzylphthalate	50	50.0	ug/L	100				43	140	
	3,3-Dichlorobenzidine	50	31.7	ug/L	63				18	213	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5192

Client: Ardmore Chemical

Analytical Method: 625.1 DataFile: BF140867.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165479BS	Benzo(a)anthracene	50	49.7	ug/L	99				42	133	
	Chrysene	50	48.3	ug/L	97				44	140	
	bis(2-Ethylhexyl)phthalate	50	52.8	ug/L	106				43	137	
	Di-n-octyl phthalate	50	53.0	ug/L	106				21	132	
	Benzo(b)fluoranthene	50	48.2	ug/L	96				42	140	
	Benzo(k)fluoranthene	50	52.4	ug/L	105				25	146	
	Benzo(a)pyrene	50	54.6	ug/L	109				32	148	
	Indeno(1,2,3-cd)pyrene	50	54.7	ug/L	109				13	151	
	Dibenz(a,h)anthracene	50	54.4	ug/L	109				13	200	
	Benzo(g,h,i)perylene	50	51.1	ug/L	102				13	195	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5192

Client: Ardmore Chemical

Analytical Method: 625.1

DataFile: BF140868.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165479BSD	n-Nitrosodimethylamine	50	46.4	ug/L	93	8			52	110	20
	Phenol	50	48.1	ug/L	96	2			48	130	20
	bis(2-Chloroethyl)ether	50	48.3	ug/L	97	2			52	130	20
	2-Chlorophenol	50	48.3	ug/L	97	3			55	130	20
	2,2-oxybis(1-Chloropropane)	50	52.3	ug/L	105	6			63	139	20
	N-Nitroso-di-n-propylamine	50	49.3	ug/L	99	0			59	170	20
	Hexachloroethane	50	47.4	ug/L	95	3			55	130	20
	Nitrobenzene	50	46.0	ug/L	92	2			54	158	20
	Isophorone	50	49.6	ug/L	99	2			52	180	20
	2-Nitrophenol	50	48.8	ug/L	98	1			61	163	20
	2,4-Dimethylphenol	50	58.2	ug/L	116	2			58	130	20
	bis(2-Chloroethoxy)methane	50	47.7	ug/L	95	2			52	164	20
	2,4-Dichlorophenol	50	47.5	ug/L	95	3			64	130	20
	1,2,4-Trichlorobenzene	50	44.4	ug/L	89	2			44	142	20
	Naphthalene	50	46.3	ug/L	93	2			70	130	20
	Hexachlorobutadiene	50	44.6	ug/L	89	4			68	130	20
	4-Chloro-3-methylphenol	50	45.0	ug/L	90	6			68	130	20
	Hexachlorocyclopentadiene	100	76.1	ug/L	76	1			21	137	20
	2,4,6-Trichlorophenol	50	46.4	ug/L	93	3			69	130	20
	2-Chloronaphthalene	50	45.1	ug/L	90	3			70	130	20
	Dimethylphthalate	50	48.3	ug/L	97	3			50	130	20
	Acenaphthylene	50	51.0	ug/L	102	1			60	130	20
	2,6-Dinitrotoluene	50	47.0	ug/L	94	2			68	137	20
	Acenaphthene	50	48.3	ug/L	97	1			70	130	20
	2,4-Dinitrophenol	100	86.6	ug/L	87	3			39	173	20
	4-Nitrophenol	100	100	ug/L	100	0			35	130	20
	2,4-Dinitrotoluene	50	46.3	ug/L	93	5			53	130	20
	Diethylphthalate	50	47.5	ug/L	95	4			47	130	20
	4-Chlorophenyl-phenylether	50	45.5	ug/L	91	5			57	145	20
	Fluorene	50	46.1	ug/L	92	2			70	130	20
	4,6-Dinitro-2-methylphenol	50	48.1	ug/L	96	1			56	130	20
	N-Nitrosodiphenylamine	50	49.3	ug/L	99	4			63	100	20
	Azobenzene	50	47.4	ug/L	95	1			58	105	20
	4-Bromophenyl-phenylether	50	49.9	ug/L	100	2			70	130	20
	Hexachlorobenzene	50	44.1	ug/L	88	9			38	142	20
	Pentachlorophenol	100	98.0	ug/L	98	1			42	152	20
	Phenanthrene	50	49.7	ug/L	99	0			67	130	20
	Anthracene	50	51.4	ug/L	103	0			58	130	20
	Di-n-butylphthalate	50	48.2	ug/L	96	4			52	130	20
	Fluoranthene	50	46.2	ug/L	92	3			47	130	20
	Benzidine	100	43.0	ug/L	43	4			10	133	20
	Pyrene	50	45.2	ug/L	90	3			70	130	20
	Butylbenzylphthalate	50	43.8	ug/L	88	13			43	140	20
	3,3-Dichlorobenzidine	50	32.9	ug/L	66	4			18	213	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5192

Client: Ardmore Chemical

Analytical Method: 625.1 DataFile: BF140868.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB165479BSD	Benzo(a)anthracene	50	48.9	ug/L	98	2			42	133	20
	Chrysene	50	49.7	ug/L	99	3			44	140	20
	bis(2-Ethylhexyl)phthalate	50	51.6	ug/L	103	2			43	137	20
	Di-n-octyl phthalate	50	48.2	ug/L	96	9			21	132	20
	Benzo(b)fluoranthene	50	48.6	ug/L	97	1			42	140	20
	Benzo(k)fluoranthene	50	44.7	ug/L	89	16			25	146	20
	Benzo(a)pyrene	50	52.9	ug/L	106	3			32	148	20
	Indeno(1,2,3-cd)pyrene	50	51.0	ug/L	102	7			13	151	20
	Dibenz(a,h)anthracene	50	51.1	ug/L	102	6			13	200	20
	Benzo(g,h,i)perylene	50	45.6	ug/L	91	11			13	195	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165479BL

Lab Name: CHEMTECH

Contract: ARDM01

Lab Code: CHEM Case No.: P5192

SAS No.: P5192 SDG NO.: P5192

Lab File ID: BF140869.D

Lab Sample ID: PB165479BL

Instrument ID: BNA_F

Date Extracted: 12/09/2024

Matrix: (soil/water) Water

Date Analyzed: 12/16/2024

Level: (low/med) LOW

Time Analyzed: 19:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165479BS	PB165479BS	BF140867.D	12/16/2024
PB165479BSD	PB165479BSD	BF140868.D	12/16/2024
EFF-WASTE WATER	P5192-02	BF140870.D	12/16/2024

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ARDM01Lab Code: CHEMSAS No.: P5192 SDG NO.: P5192Lab 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
PB165479BS	PB165479BS	BF140867.D	12/16/2024	18:26
PB165479BSD	PB165479BSD	BF140868.D	12/16/2024	18:53
PB165479BL	PB165479BL	BF140869.D	12/16/2024	19:19
EFF-WASTE WATER	P5192-02	BF140870.D	12/16/2024	19:45



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ARDM01Lab Code: CHEMSAS No.: P5192 SDG NO.: P5192Lab File ID: BF140871.DDFTPP Injection Date: 12/17/2024Instrument ID: BNA_FDFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.9
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	48.4
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	7
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	80.7
443	15.0 - 24.0% of mass 442	15.3 (19) 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	BF140872.D	12/17/2024	09:24
EFF-WASTE WATERRE	P5192-02RE	BF140884.D	12/17/2024	14:45

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG NO.: P5192

EPA Sample No.: SSTDICCC040 Date Analyzed: 12/16/2024

Lab File ID: BF140859.D Time Analyzed: 14:26

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	77674	6.851	293537	8.13	179301	9.89
UPPER LIMIT	155348	7.351	587074	8.628	358602	10.386
LOWER LIMIT	38837	6.351	146769	7.628	89650.5	9.386
EPA SAMPLE NO.						
01 EFF-WASTE WATER	80631	6.85	258325	8.13	155195	9.89
02 PB165479BL	82805	6.85	327708	8.13	201977	9.88
03 PB165479BS	68083	6.85	254612	8.13	145533	9.89
04 PB165479BSD	88068	6.85	342169	8.13	192313	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.: P5192 SAS No.: P5192 SDG NO.: P5192

EPA Sample No.: SSTDICCC040 Date Analyzed: 12/16/2024

Lab File ID: BF140859.D Time Analyzed: 14:26

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	361848	11.375	241027	14.033	202727	15.545
UPPER LIMIT	723696	11.875	482054	14.533	405454	16.045
LOWER LIMIT	180924	10.875	120514	13.533	101364	15.045
EPA SAMPLE NO.						
01 EFF-WASTE WATER	262866	11.38	174670	14.04	170876	15.51
02 PB165479BL	401301	11.37	262998	14.02	223090	15.50
03 PB165479BS	280715	11.38	199131	14.02	173133	15.50
04 PB165479BSD	376140	11.37	259234	14.03	217232	15.50

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG NO.: P5192

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/17/2024

Lab File ID: BF140872.D Time Analyzed: 09:24

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	80900	6.851	293024	8.13	171346	9.89
UPPER LIMIT	161800	7.351	586048	8.628	342692	10.386
LOWER LIMIT	40450	6.351	146512	7.628	85673	9.386
EPA SAMPLE NO.						
01 EFF-WASTE WATERRE	57503	6.85	187534	8.13	112053	9.88

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.: P5192 SAS No.: P5192 SDG NO.: P5192

EPA Sample No.: SSTDCCC040 Date Analyzed: 12/17/2024

Lab File ID: BF140872.D Time Analyzed: 09:24

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	305119	11.375	214494	14.027	199592	15.521
UPPER LIMIT	610238	11.875	428988	14.527	399184	16.021
LOWER LIMIT	152560	10.875	107247	13.527	99796	15.021
EPA SAMPLE NO.						
01 EFF-WASTE WATERRE	187995	11.38	144181	14.04	175828	15.52

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATER	SDG No.:	P5192
Lab Sample ID:	P5192-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140870.D	1	12/09/24 08:38	12/16/24 19:45	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.10	U	1.10	10.2	ug/L
108-95-2	Phenol	0.95	U	0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.10	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	5.10	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.10	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.90	U	0.90	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.10	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	5.10	U	5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	5.10	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	5.10	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.10	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATER	SDG No.:	P5192
Lab Sample ID:	P5192-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140870.D	1	12/09/24 08:38	12/16/24 19:45	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	UQ	0.91	5.10	ug/L
103-33-3	Azobenzene	1.20	U	1.20	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
92-87-5	Benzidine	4.20	U	4.20	10.2	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	54.2	*	60 - 140	54%	SPK: 100
13127-88-3	Phenol-d6	34.5	*	60 - 140	35%	SPK: 100
4165-60-0	Nitrobenzene-d5	116		60 - 140	116%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.6		60 - 140	92%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATER	SDG No.:	P5192
Lab Sample ID:	P5192-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140870.D	1	12/09/24 08:38	12/16/24 19:45	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.2		60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	89.5		60 - 140	89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	80600	6.845
1146-65-2	Naphthalene-d8	258000	8.128
15067-26-2	Acenaphthene-d10	155000	9.886
1517-22-2	Phenanthrene-d10	263000	11.38
1719-03-5	Chrysene-d12	175000	14.039
1520-96-3	Perylene-d12	171000	15.509

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\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Time: Dec 17 00:04:52 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)

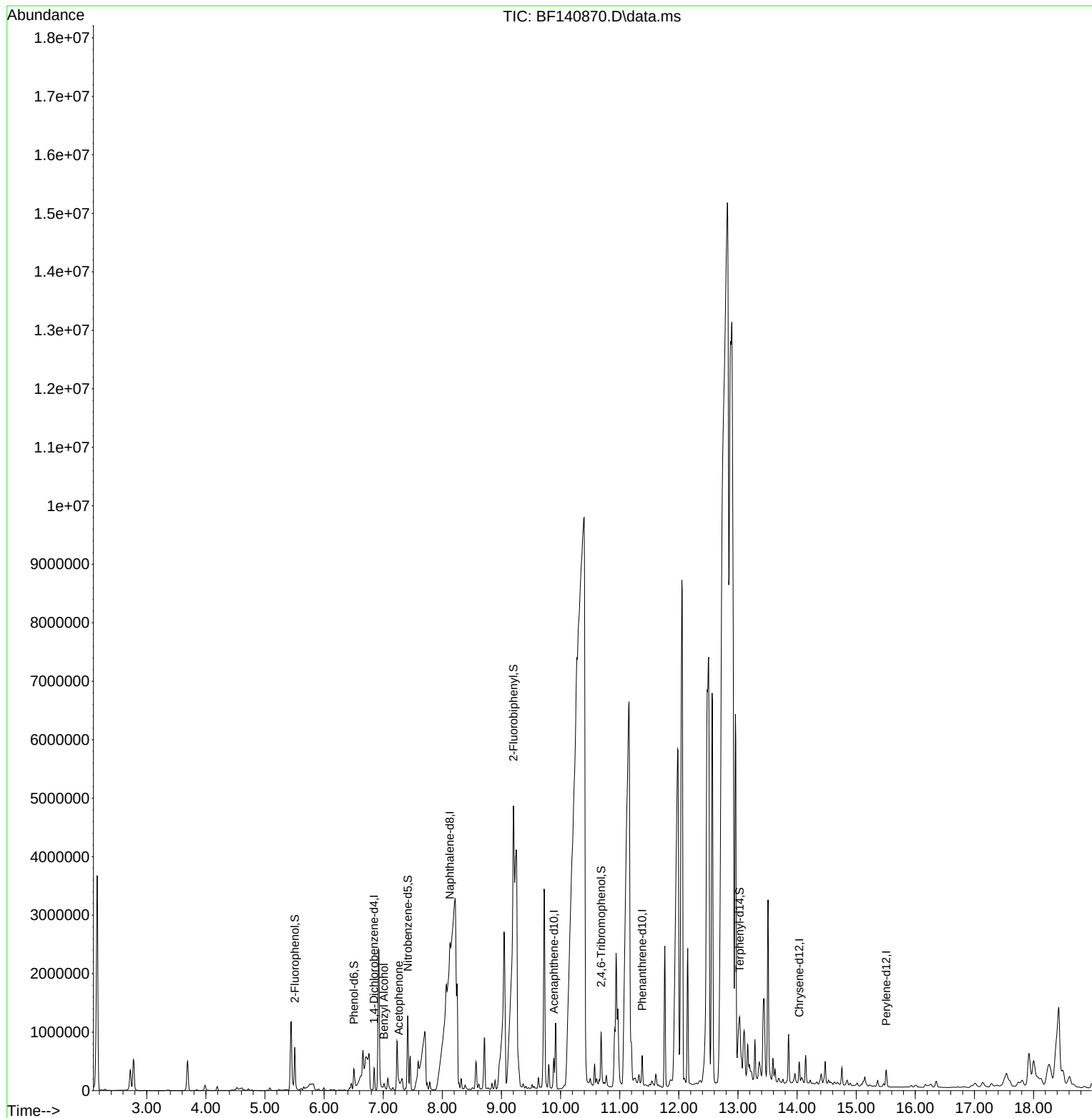
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	80631	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	258325	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	155195	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	262866	20.000	ng	0.00
76) Chrysene-d12	14.039	240	174670	20.000	ng	0.00
86) Perylene-d12	15.509	264	170876	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	265489	54.203	ng	0.02
7) Phenol-d6	6.504	99	224076	34.540	ng	0.00
23) Nitrobenzene-d5	7.416	82	599790	116.164	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	158263	86.223	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1033829	91.585	ng	0.00
79) Terphenyl-d14	13.027	244	990907	89.456	ng	0.07
Target Compounds						Qvalue
15) Benzyl Alcohol	7.016	79	36324	7.831	ng	98
22) Acetophenone	7.263	105	36484	5.646	ng	94

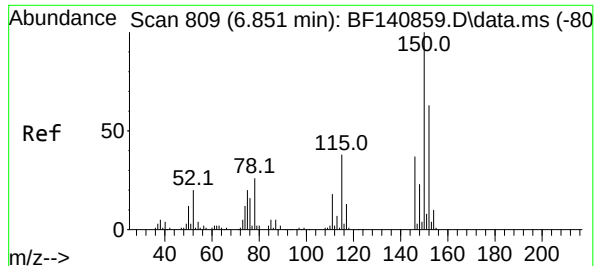
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Time: Dec 17 00:04:52 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

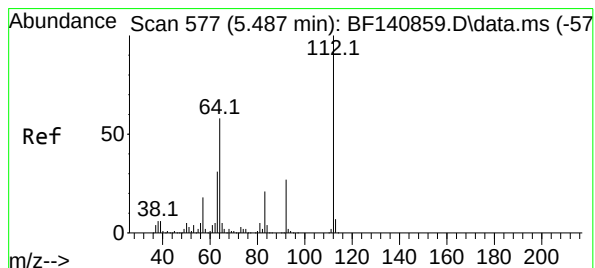
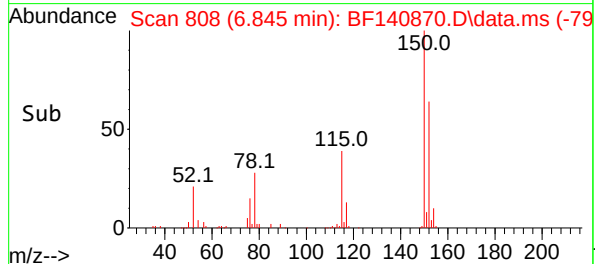
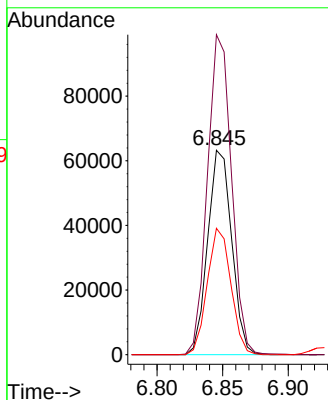
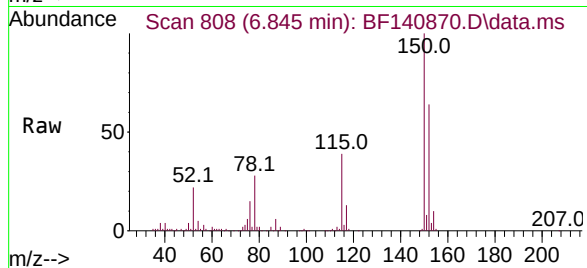




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140870.D
 Acq: 16 Dec 2024 19:45

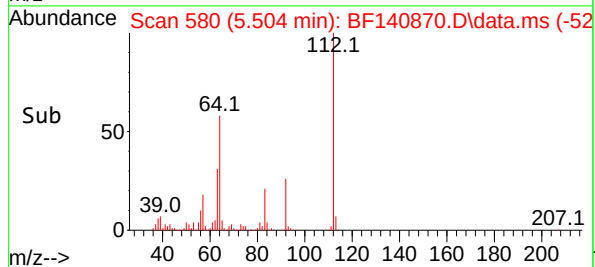
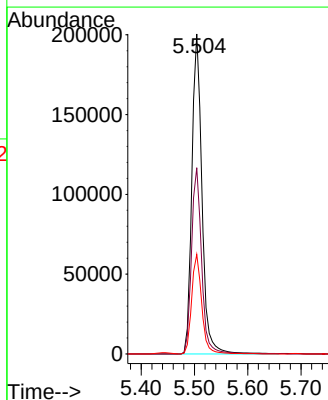
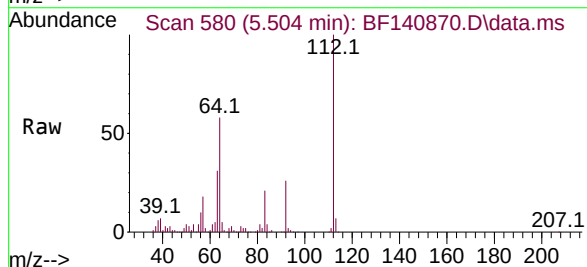
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATER

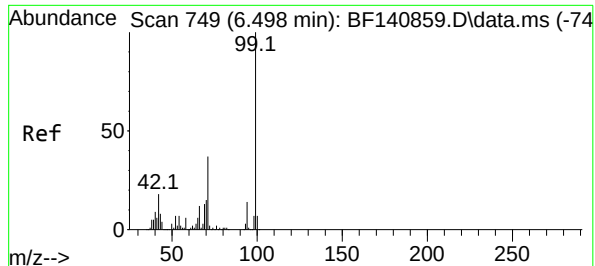
Tgt Ion:152 Resp: 80631
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.9 191.9
 115 61.8 48.0 72.0



#5
 2-Fluorophenol
 Concen: 54.203 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.017 min
 Lab File: BF140870.D
 Acq: 16 Dec 2024 19:45

Tgt Ion:112 Resp: 265489
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.1 69.1
 63 31.1 24.9 37.3

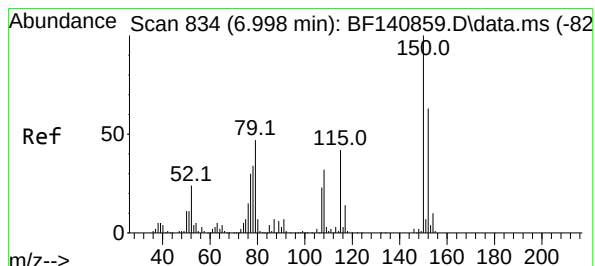
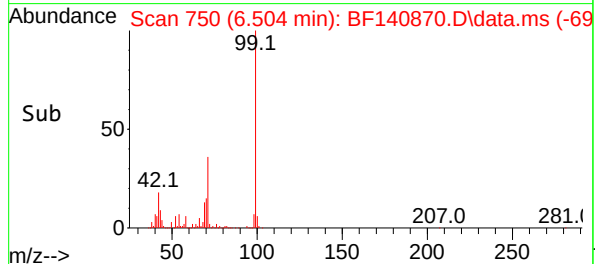
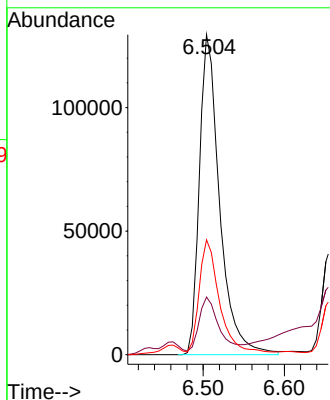
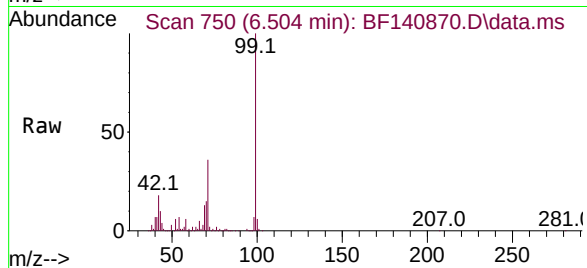




#7
Phenol-d6
Concen: 34.540 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

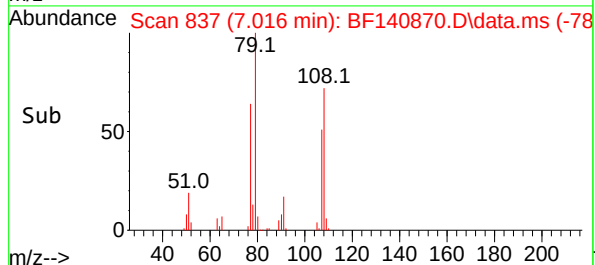
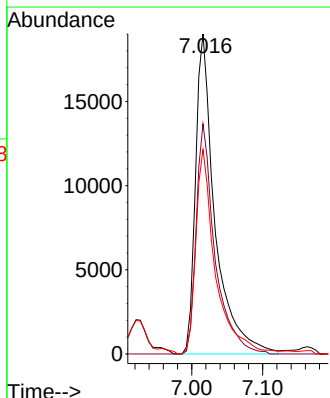
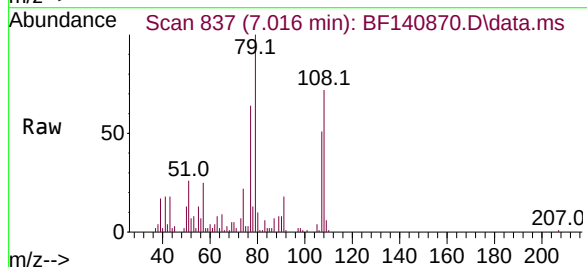
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

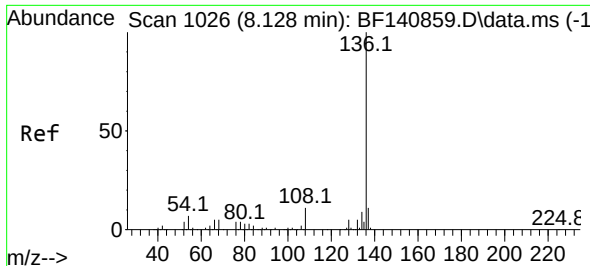
Tgt Ion: 99 Resp: 224076
Ion Ratio Lower Upper
99 100
42 18.0 14.3 21.5
71 35.9 29.9 44.9



#15
Benzyl Alcohol
Concen: 7.831 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.017 min
Lab File: BF140870.D
Acq: 16 Dec 2024 19:45

Tgt Ion: 79 Resp: 36324
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 63.9 50.6 76.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATER

Tgt Ion:136 Resp: 258325

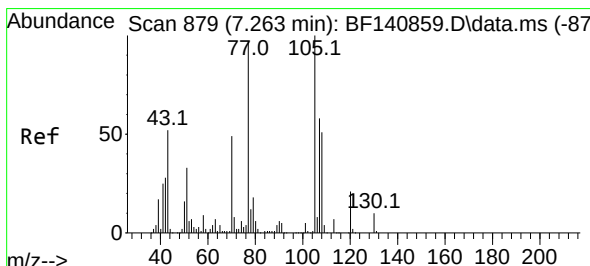
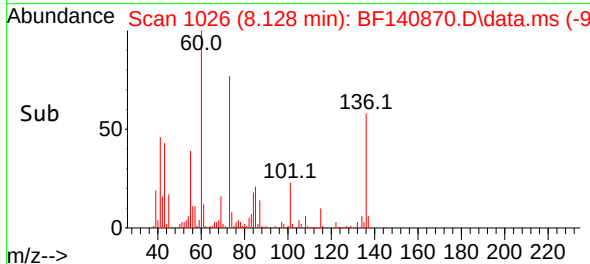
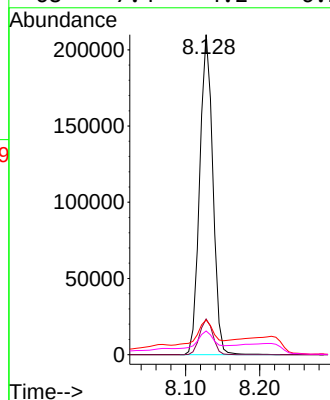
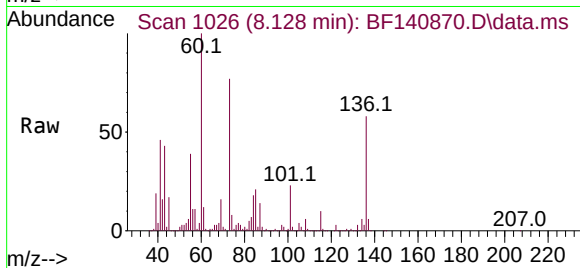
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 10.8 5.6 8.4#

68 7.4 4.2 6.2#



#22

Acetophenone

Concen: 5.646 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

Tgt Ion:105 Resp: 36484

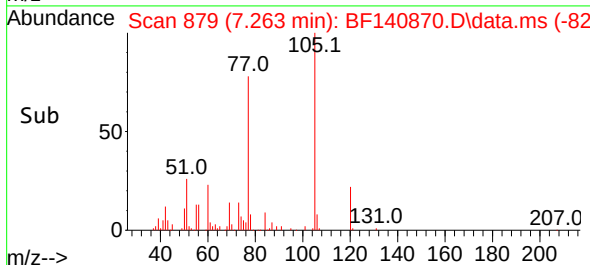
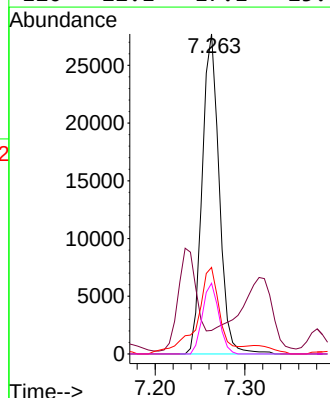
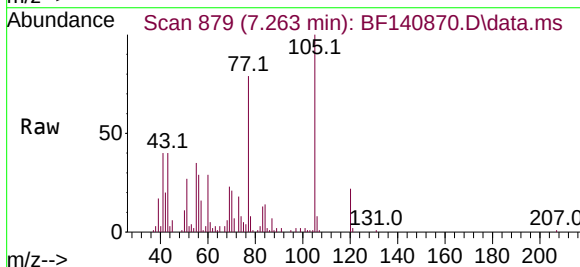
Ion Ratio Lower Upper

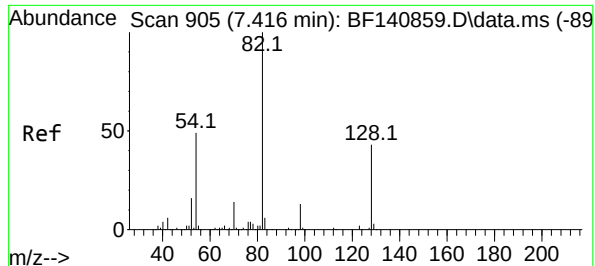
105 100

71 7.3 6.2 9.4

51 27.1 26.3 39.5

120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 116.164 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATER

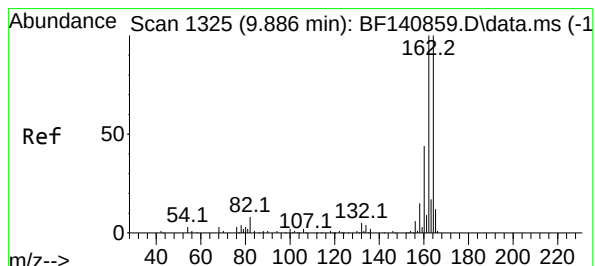
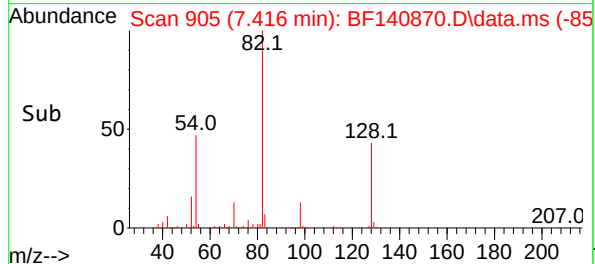
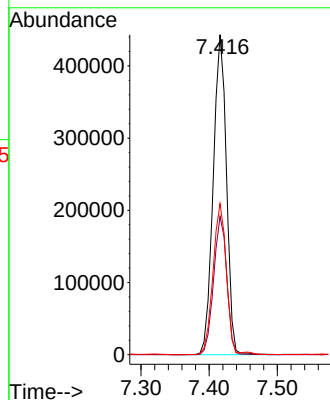
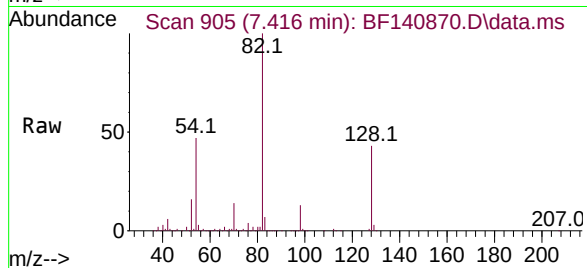
Tgt Ion: 82 Resp: 599790

Ion Ratio Lower Upper

82 100

128 43.2 34.4 51.6

54 47.2 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

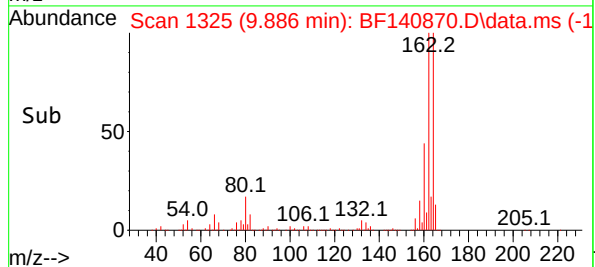
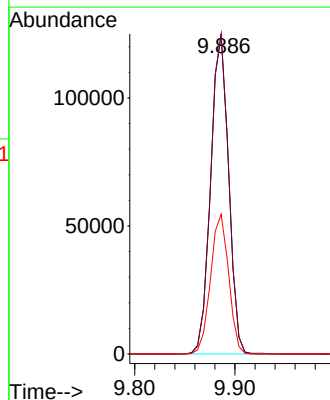
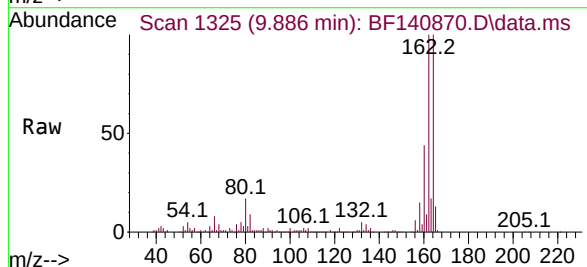
Tgt Ion: 164 Resp: 155195

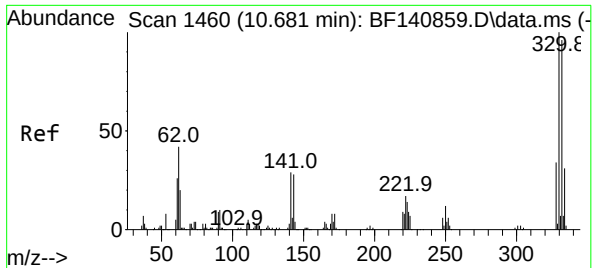
Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

160 43.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 86.223 ng

RT: 10.686 min Scan# 1460

Delta R.T. 0.006 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATER

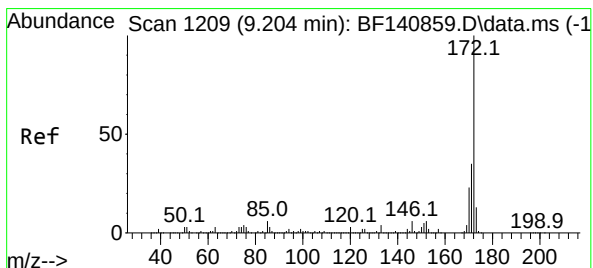
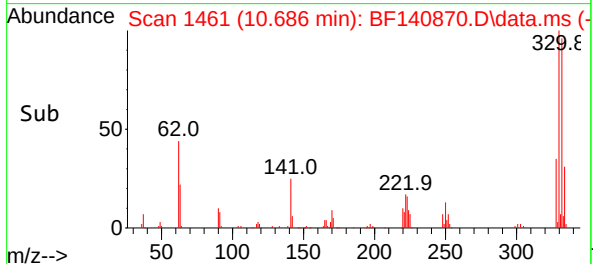
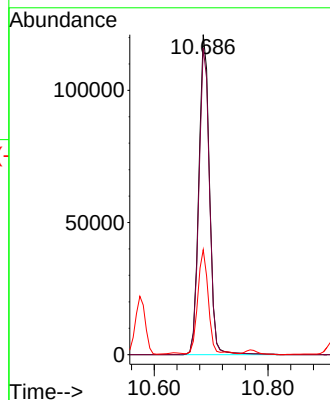
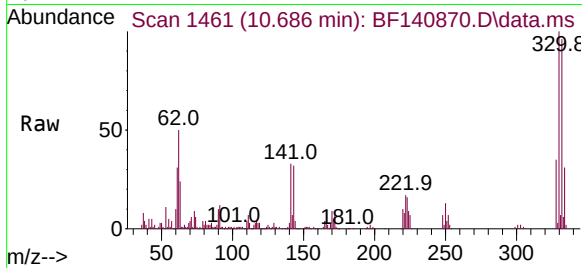
Tgt Ion:330 Resp: 158263

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 31.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 91.585 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

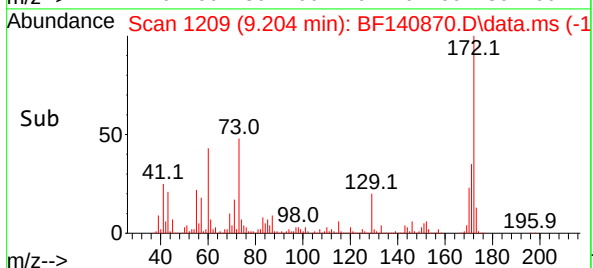
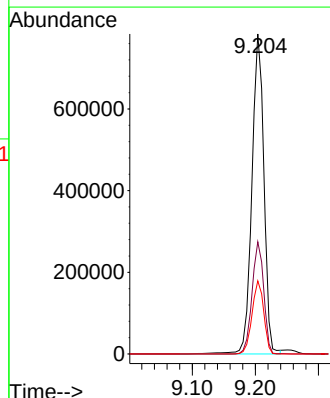
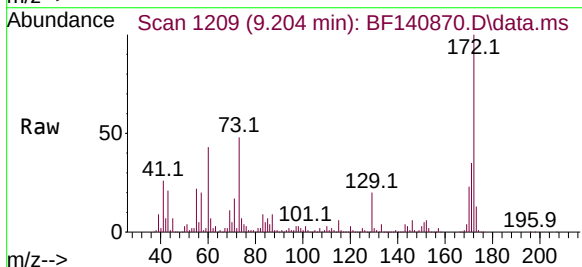
Tgt Ion:172 Resp: 1033829

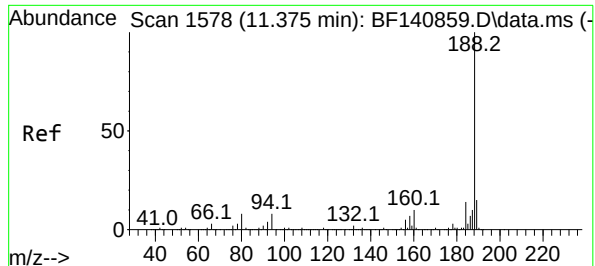
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 22.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATER

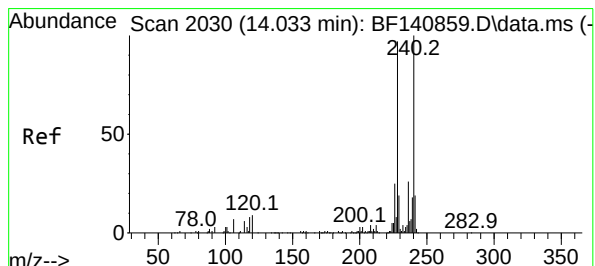
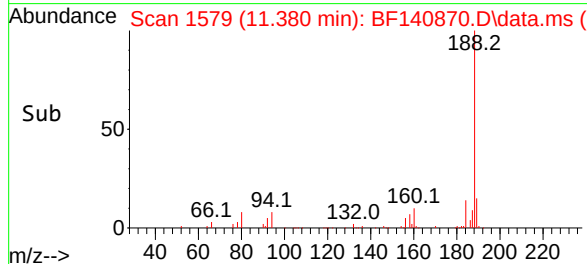
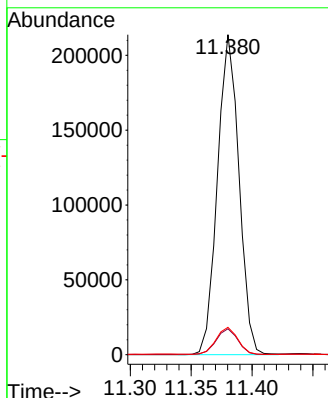
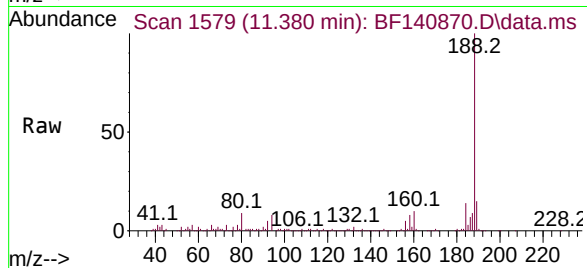
Tgt Ion:188 Resp: 262866

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.5 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140870.D

Acq: 16 Dec 2024 19:45

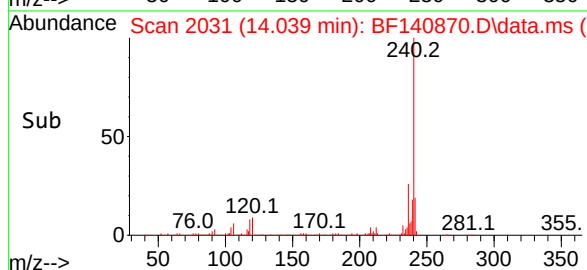
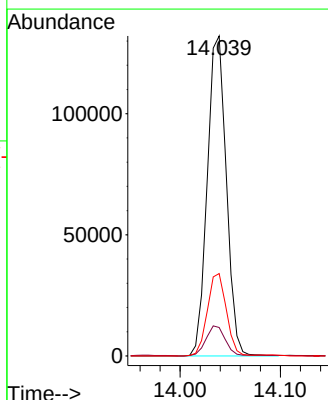
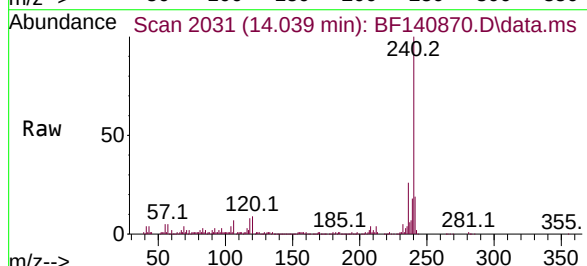
Tgt Ion:240 Resp: 174670

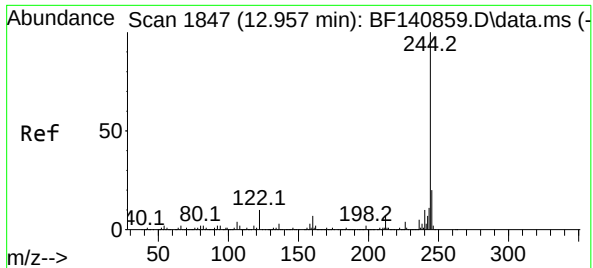
Ion Ratio Lower Upper

240 100

120 8.9 7.6 11.4

236 25.8 20.5 30.7

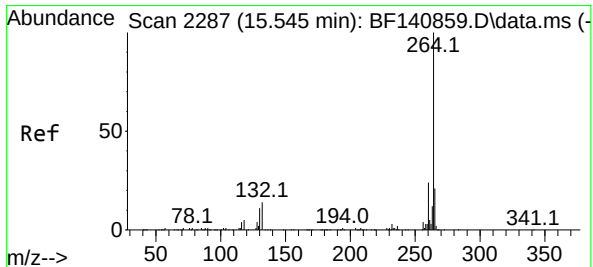
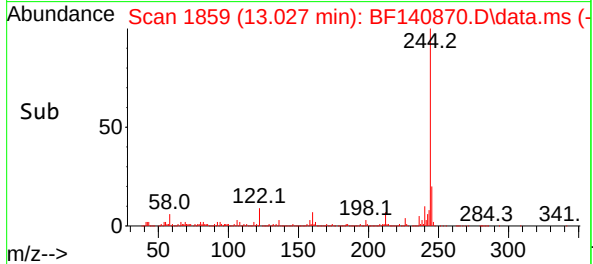
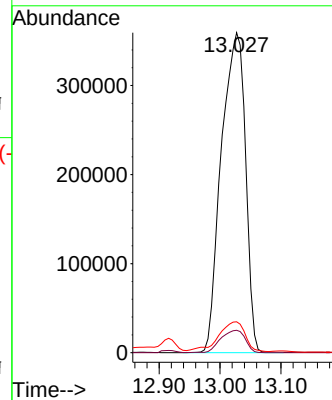
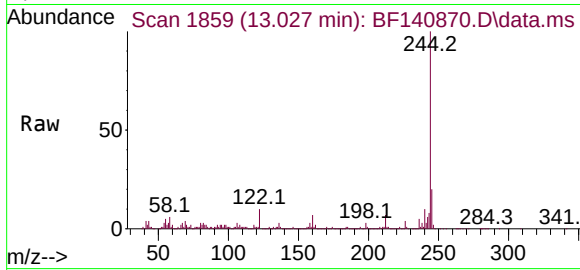




#79
 Terphenyl-d14
 Concen: 89.456 ng
 RT: 13.027 min Scan# 1847
 Delta R.T. 0.070 min
 Lab File: BF140870.D
 Acq: 16 Dec 2024 19:45

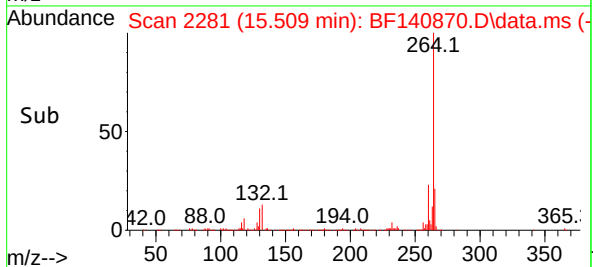
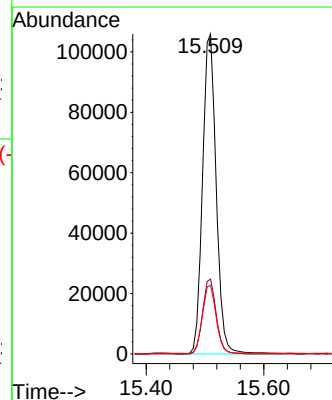
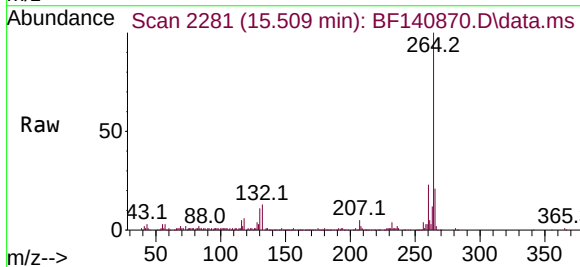
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE WATER

Tgt Ion:244 Resp: 990907
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.036 min
 Lab File: BF140870.D
 Acq: 16 Dec 2024 19:45

Tgt Ion:264 Resp: 170876
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.0 25.4



Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATERRE	SDG No.:	P5192
Lab Sample ID:	P5192-02RE	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140884.D	1	12/09/24 08:38	12/17/24 14:45	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.10	U	1.10	10.2	ug/L
108-95-2	Phenol	0.95	U	0.95	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.10	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	5.10	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
78-59-1	Isophorone	1.20	U	1.20	5.10	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.90	U	0.90	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.10	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	5.10	U	5.10	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	5.10	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	5.10	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	1.30	U	1.30	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.60	U	6.60	10.2	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
84-66-2	Diethylphthalate	1.10	U	1.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1.00	5.10	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATERRE	SDG No.:	P5192
Lab Sample ID:	P5192-02RE	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140884.D	1	12/09/24 08:38	12/17/24 14:45	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	UQ	0.91	5.10	ug/L
103-33-3	Azobenzene	1.20	U	1.20	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
92-87-5	Benzidine	4.20	U	4.20	10.2	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.10	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	48.6	*	60 - 140	49%	SPK: 100
13127-88-3	Phenol-d6	30.4	*	60 - 140	30%	SPK: 100
4165-60-0	Nitrobenzene-d5	106		60 - 140	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.9		60 - 140	91%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	12/06/24
Project:	PVSC Monthly 2024	Date Received:	12/06/24
Client Sample ID:	EFF-WASTE WATERRE	SDG No.:	P5192
Lab Sample ID:	P5192-02RE	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140884.D	1	12/09/24 08:38	12/17/24 14:45	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.7		60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	85.3		60 - 140	85%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	57500	6.851
1146-65-2	Naphthalene-d8	188000	8.128
15067-26-2	Acenaphthene-d10	112000	9.88
1517-22-2	Phenanthrene-d10	188000	11.375
1719-03-5	Chrysene-d12	144000	14.039
1520-96-3	Perylene-d12	176000	15.521

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\BF121724\
Data File : BF140884.D
Acq On : 17 Dec 2024 14:45
Operator : RC/JU
Sample : P5192-02RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

Quant Time: Dec 17 15:13:32 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

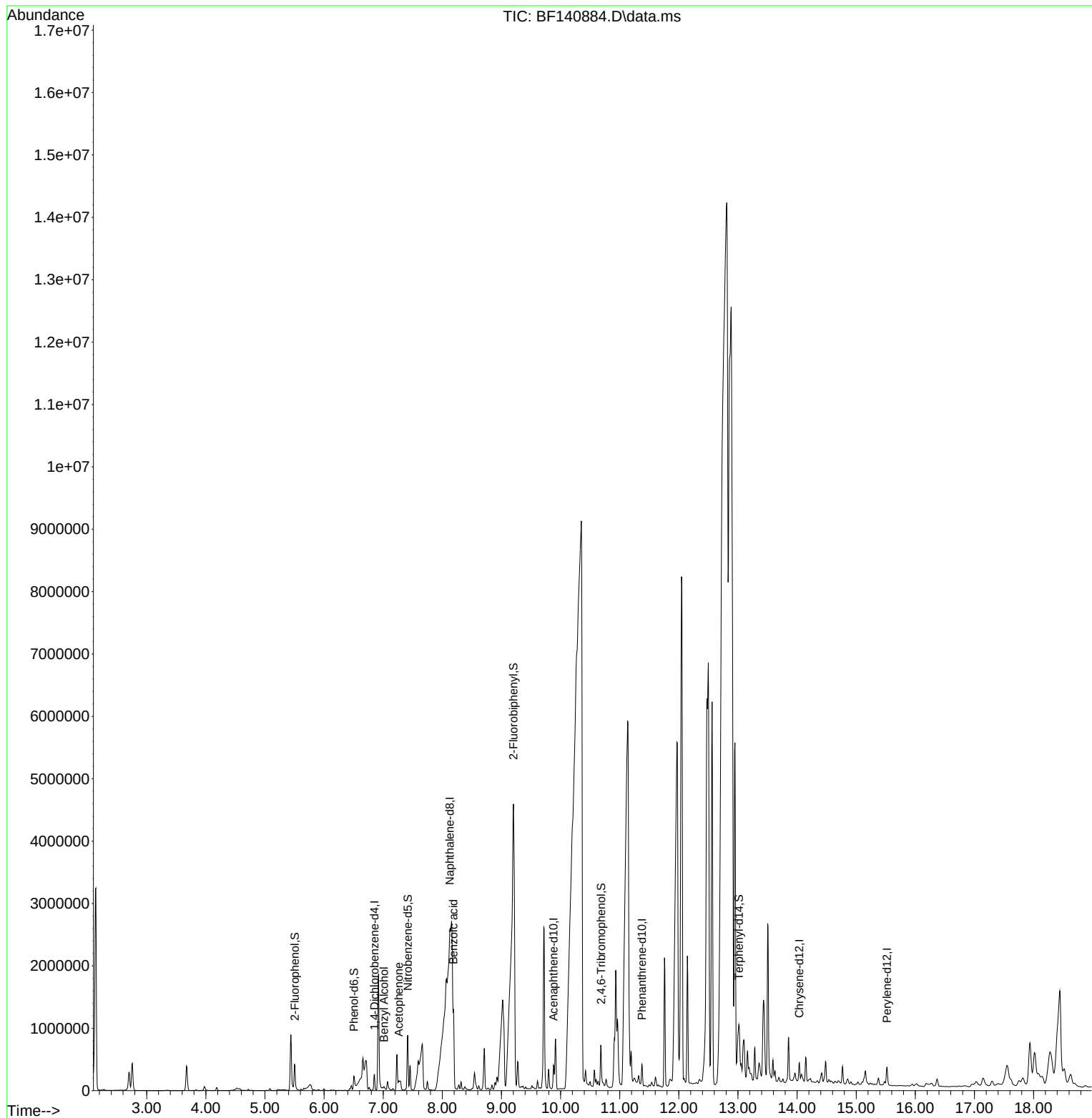
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	57503	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	187534	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	112053	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	187995	20.000	ng	0.00
76) Chrysene-d12	14.039	240	144181	20.000	ng	0.00
86) Perylene-d12	15.521	264	175828	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	169729	48.590	ng	0.02
7) Phenol-d6	6.504	99	140472	30.361	ng	0.00
23) Nitrobenzene-d5	7.416	82	399106	106.475	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	113534	85.669	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	740795	90.893	ng	0.00
79) Terphenyl-d14	13.016	244	779547	85.257	ng	0.06
Target Compounds						Qvalue
15) Benzyl Alcohol	7.016	79	23443	7.087	ng	97
22) Acetophenone	7.263	105	23958	5.107	ng	# 93
32) Benzoic acid	8.187	122	523060	267.020	ng	99

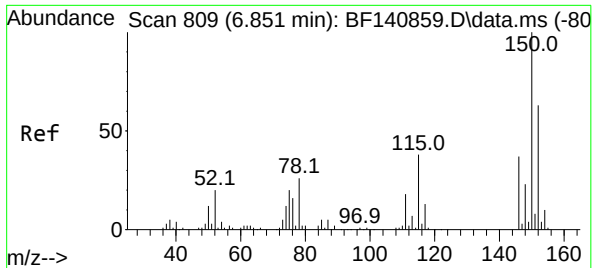
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140884.D
Acq On : 17 Dec 2024 14:45
Operator : RC/JU
Sample : P5192-02RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

Quant Time: Dec 17 15:13:32 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

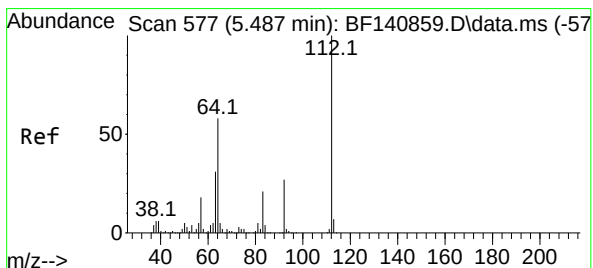
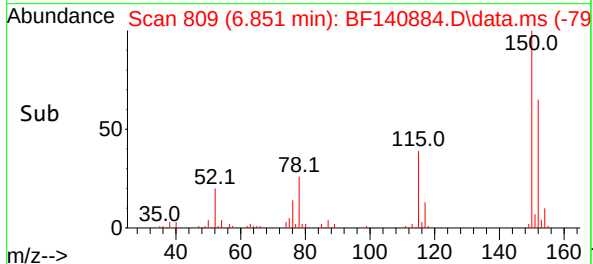
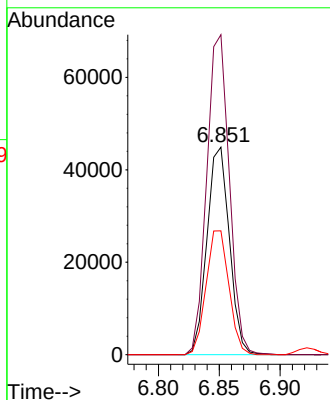
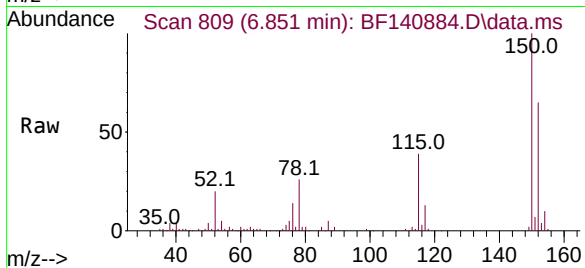




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

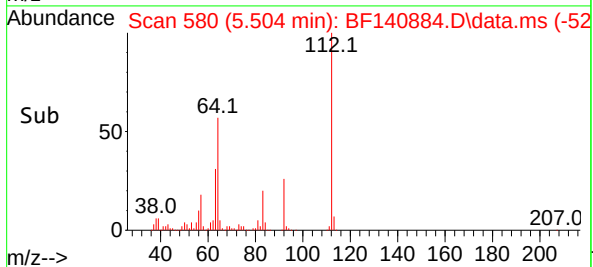
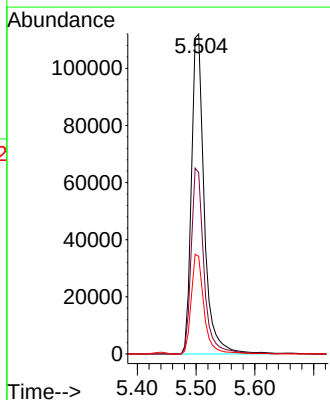
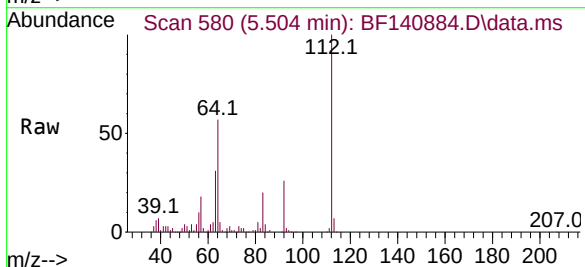
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

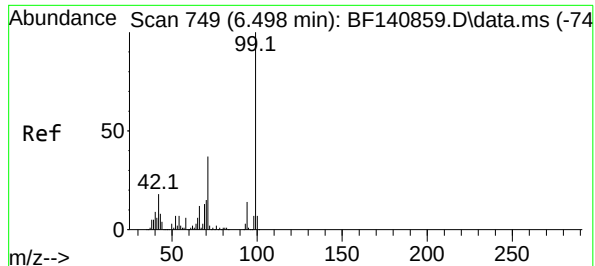
Tgt Ion:152 Resp: 57503
Ion Ratio Lower Upper
152 100
150 154.2 127.9 191.9
115 59.7 48.0 72.0



#5
2-Fluorophenol
Concen: 48.590 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion:112 Resp: 169729
Ion Ratio Lower Upper
112 100
64 56.7 46.1 69.1
63 30.5 24.9 37.3

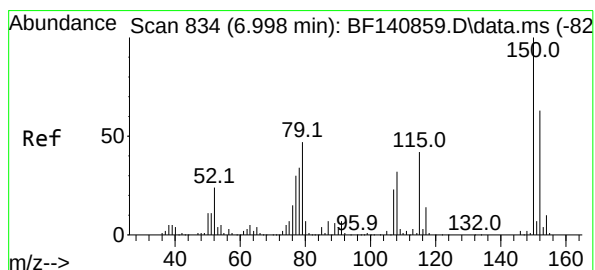
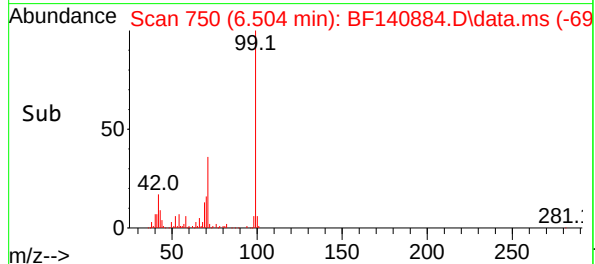
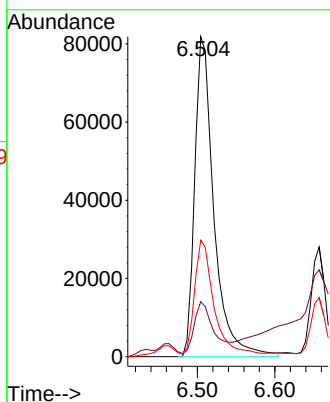
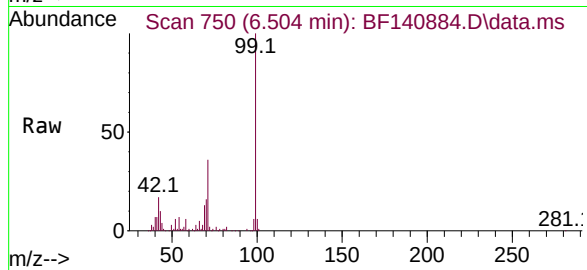




#7
Phenol-d6
Concen: 30.361 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

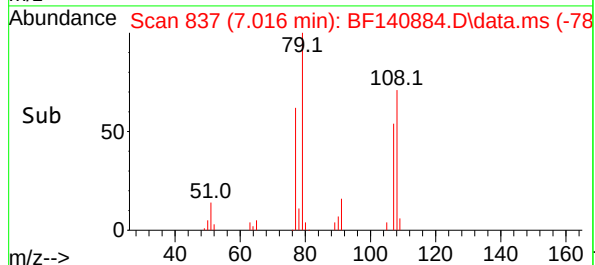
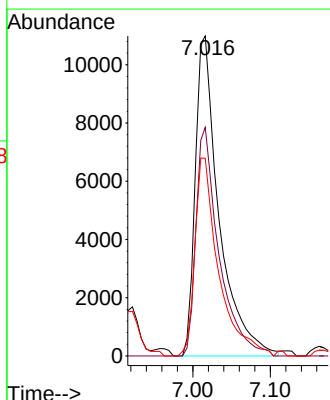
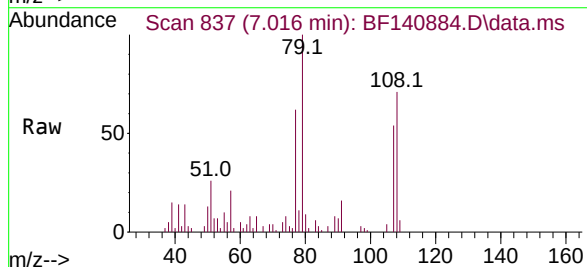
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

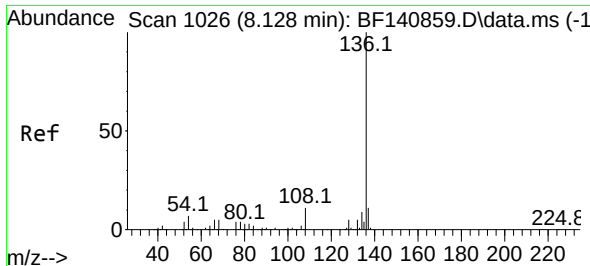
Tgt Ion: 99 Resp: 140472
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 36.4 29.9 44.9



#15
Benzyl Alcohol
Concen: 7.087 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.018 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Tgt Ion: 79 Resp: 23443
Ion Ratio Lower Upper
79 100
108 71.5 55.1 82.7
77 61.8 50.6 76.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE

Tgt Ion:136 Resp: 187534

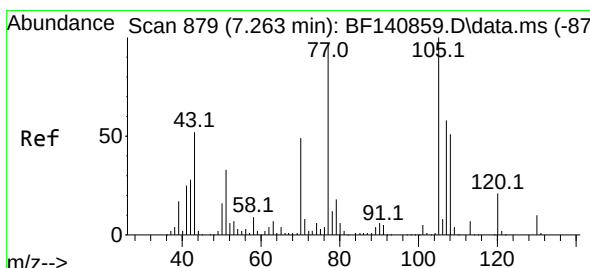
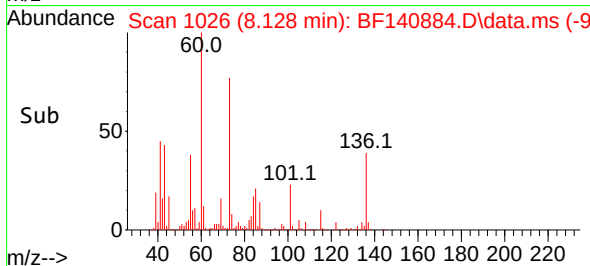
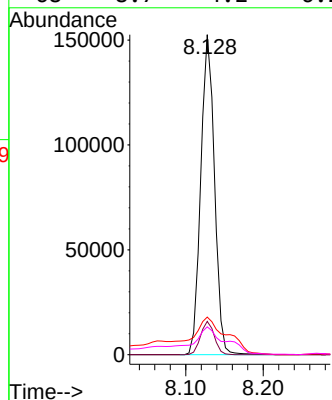
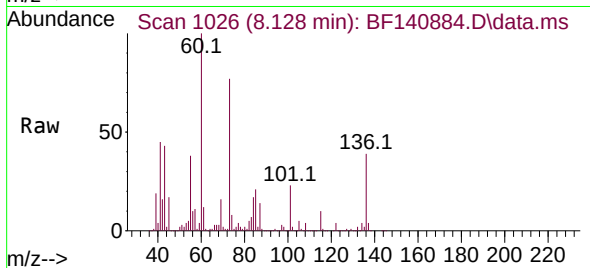
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 11.7 5.6 8.4#

68 8.7 4.2 6.2#



#22

Acetophenone

Concen: 5.107 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Tgt Ion:105 Resp: 23958

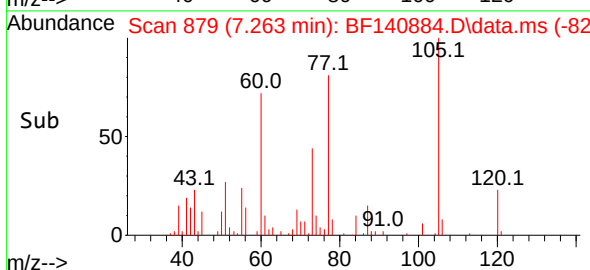
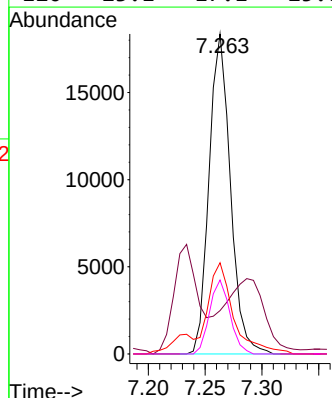
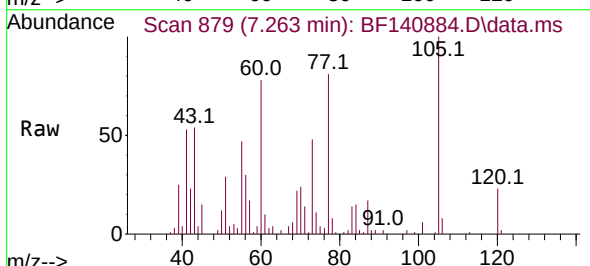
Ion Ratio Lower Upper

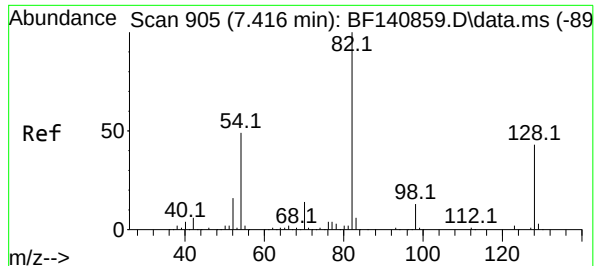
105 100

71 13.6 6.2 9.4#

51 28.5 26.3 39.5

120 23.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 106.475 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

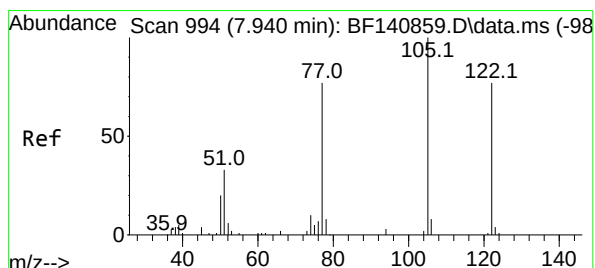
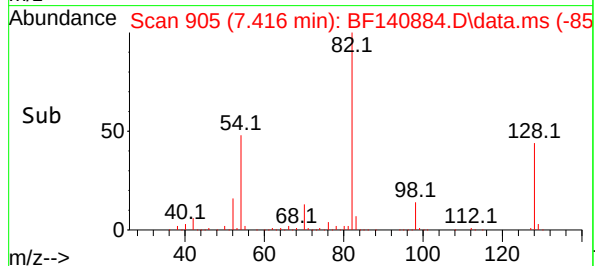
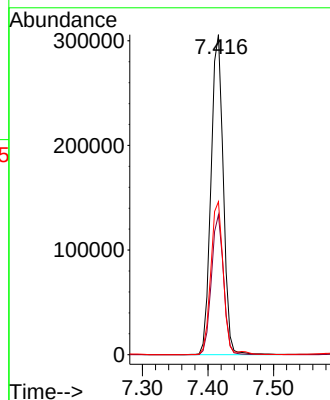
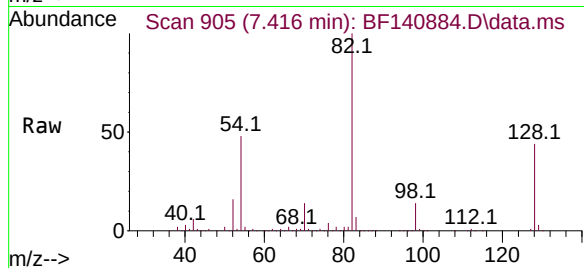
BNA_F

ClientSampleId :

EFF-WASTE WATERRE

Tgt Ion: 82 Resp: 399106

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.4	51.6
54	47.8	38.8	58.2



#32

Benzoic acid

Concen: 267.020 ng

RT: 8.187 min Scan# 1036

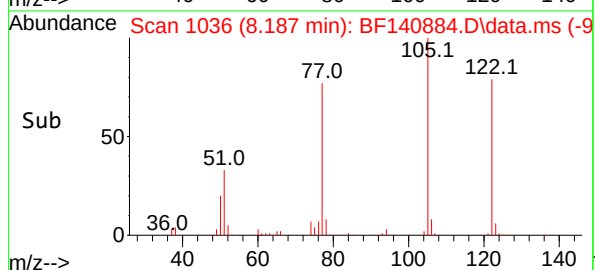
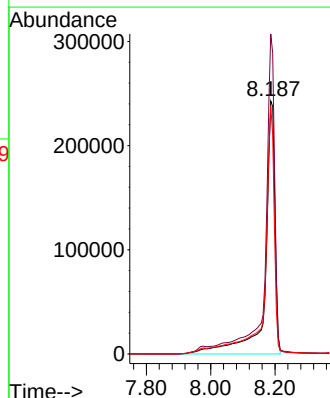
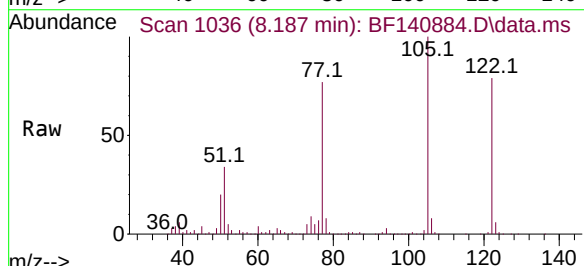
Delta R.T. 0.247 min

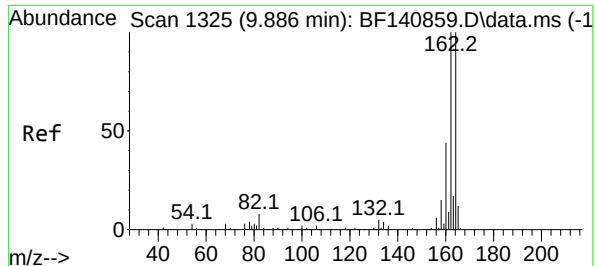
Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Tgt Ion:122 Resp: 523060

Ion	Ratio	Lower	Upper
122	100		
105	126.5	108.3	148.3
77	97.9	78.8	118.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE

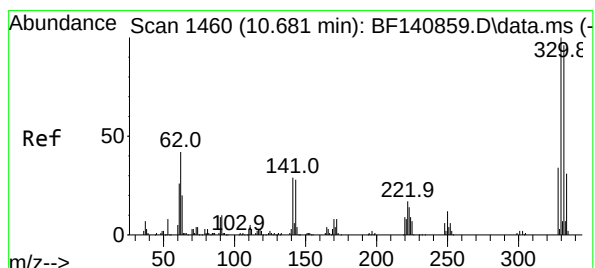
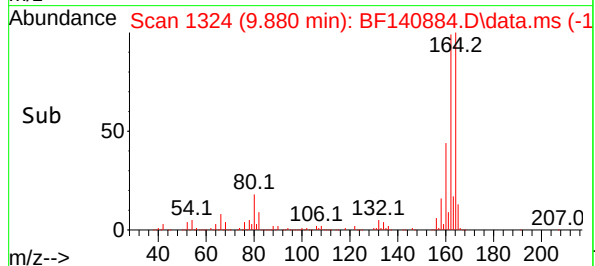
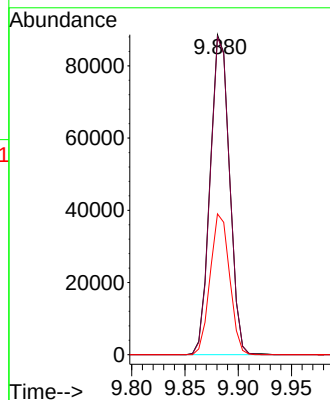
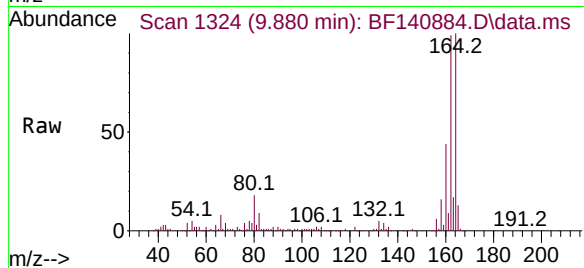
Tgt Ion:164 Resp: 112053

Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

160 44.0 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 85.669 ng

RT: 10.686 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

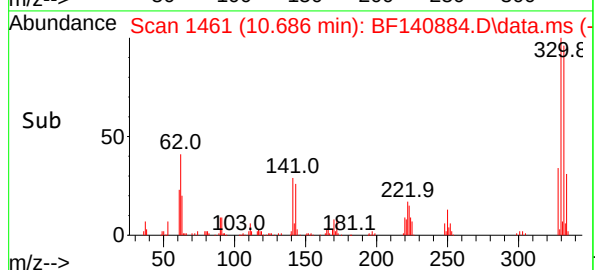
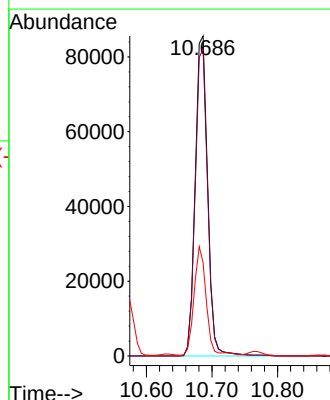
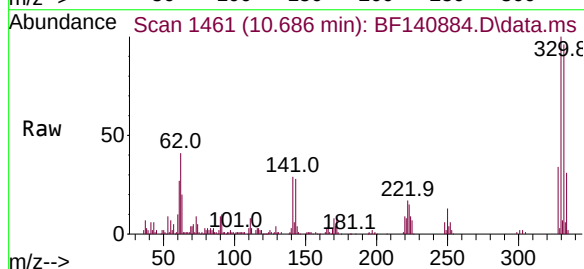
Tgt Ion:330 Resp: 113534

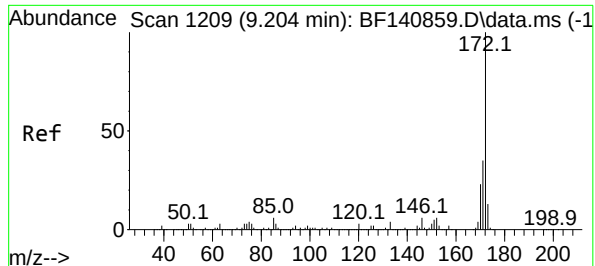
Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 33.1 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 90.893 ng

RT: 9.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE

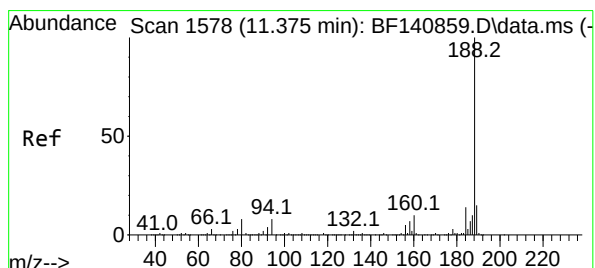
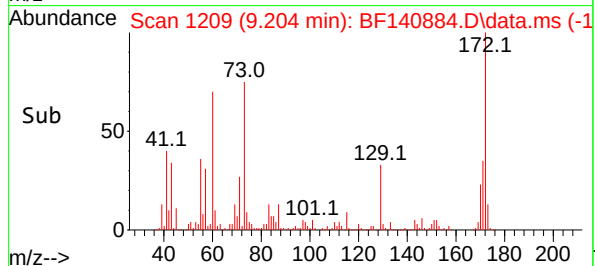
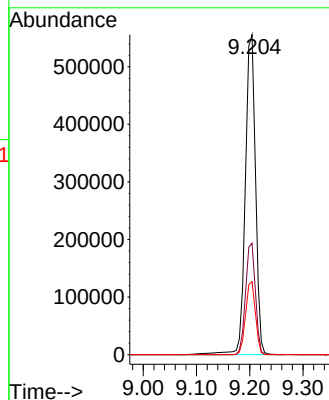
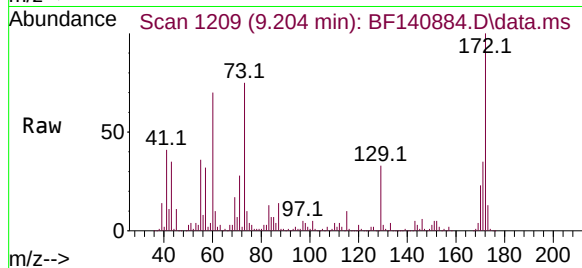
Tgt Ion:172 Resp: 740795

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.9 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

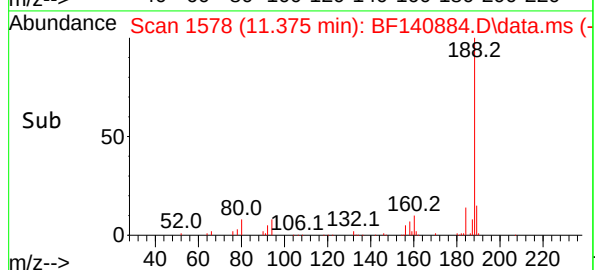
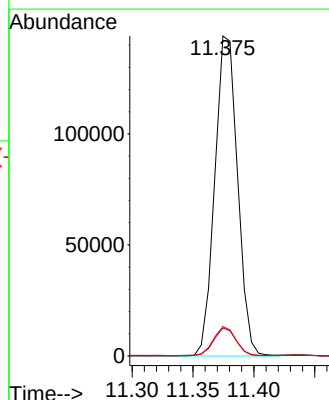
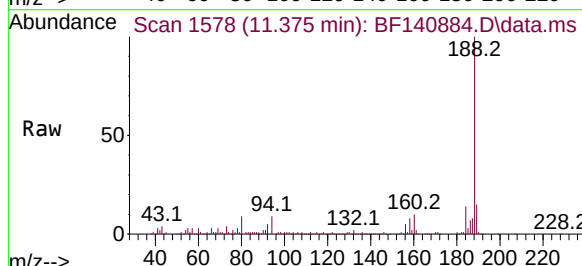
Tgt Ion:188 Resp: 187995

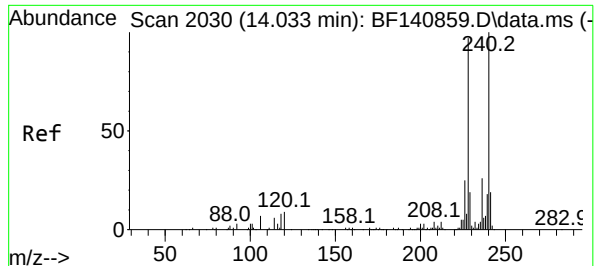
Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.2 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE WATERRE

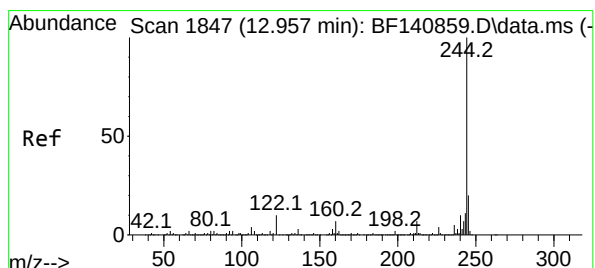
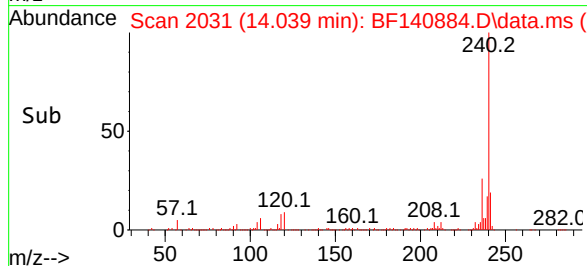
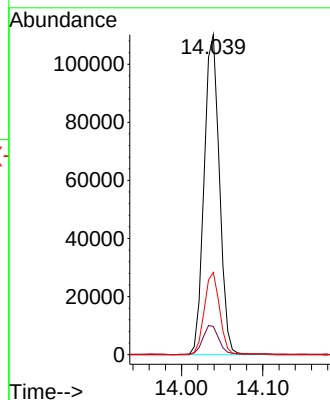
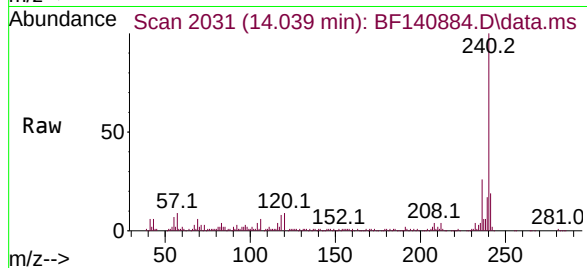
Tgt Ion:240 Resp: 144181

Ion Ratio Lower Upper

240 100

120 8.9 7.6 11.4

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 85.257 ng

RT: 13.016 min Scan# 1857

Delta R.T. 0.059 min

Lab File: BF140884.D

Acq: 17 Dec 2024 14:45

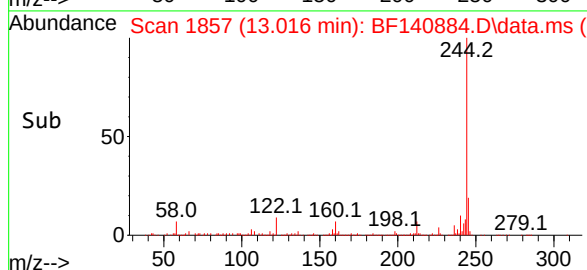
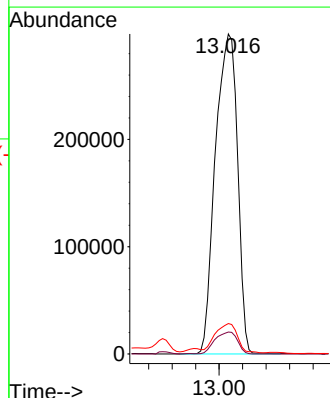
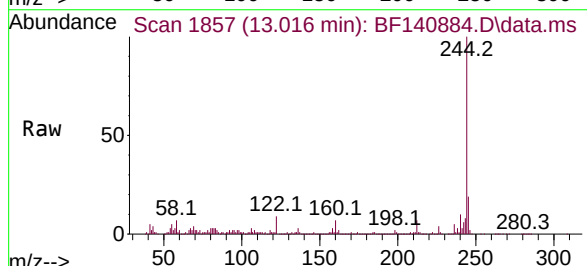
Tgt Ion:244 Resp: 779547

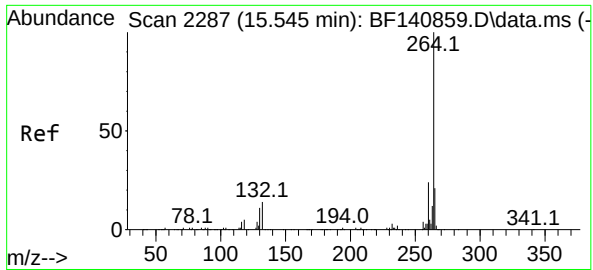
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.5 8.2 12.2

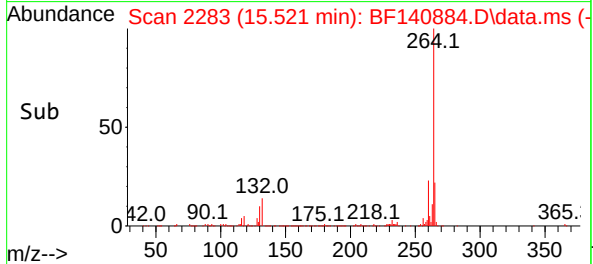
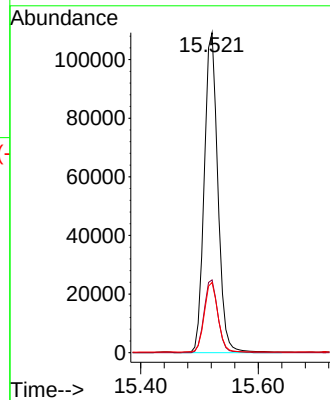
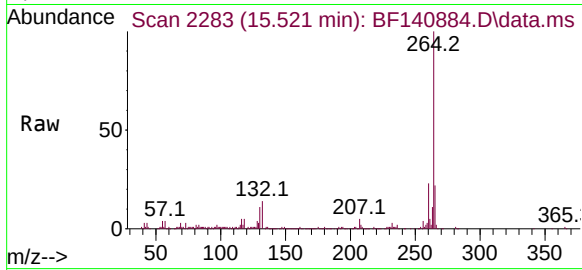




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140884.D
Acq: 17 Dec 2024 14:45

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATERRE

Tgt Ion:264 Resp: 175828
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 21.9 17.0 25.4





CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG No.: P5192

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
n-Nitrosodimethylamine		0.598	0.593	0.626	0.603	0.621	0.611	3.6
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
Phenol		1.756	1.690	1.733	1.630	1.643	1.668	4.4
bis(2-Chloroethyl) ether		1.277	1.242	1.281	1.227	1.237	1.244	2.9
2-Chlorophenol		1.343	1.379	1.357	1.301	1.313	1.325	3.8
2,2-oxybis(1-Chloropropane)		1.563	1.495	1.519	1.438	1.438	1.465	4.5
n-Nitroso-di-n-propylamine	1.005	1.030	1.004	0.999	0.922	0.938	0.965	5.5
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
Isophorone		0.681	0.672	0.690	0.651	0.664	0.670	3.5
2-Nitrophenol		0.183	0.185	0.193	0.187	0.191	0.189	3.8
2,4-Dimethylphenol		0.221	0.220	0.225	0.220	0.219	0.220	2.6
bis(2-Chloroethoxy) methane		0.431	0.414	0.429	0.417	0.418	0.418	3.0
2,4-Dichlorophenol		0.300	0.310	0.313	0.299	0.301	0.304	3.1
1,2,4-Trichlorobenzene		0.360	0.354	0.357	0.341	0.342	0.349	3.8
Naphthalene		1.138	1.125	1.126	1.067	1.090	1.099	3.9
Hexachlorobutadiene		0.239	0.235	0.244	0.232	0.233	0.235	3.4
4-Chloro-3-methylphenol		0.342	0.347	0.347	0.338	0.332	0.342	1.7
Hexachlorocyclopentadiene			0.091	0.120	0.142	0.163	0.153	30.1
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-Chloronaphthalene		1.236	1.157	1.254	1.169	1.124	1.217	6.7
Dimethylphthalate		1.431	1.367	1.438	1.359	1.308	1.410	5.4
Acenaphthylene		1.874	1.821	1.880	1.734	1.696	1.788	4.1
2,6-Dinitrotoluene		0.320	0.317	0.328	0.312	0.303	0.322	5.1
Acenaphthene		1.228	1.190	1.166	1.113	1.100	1.142	5.2
2,4-Dinitrophenol			0.088	0.108	0.134	0.145	0.132	21.6
4-Nitrophenol			0.091	0.133	0.165	0.169	0.150	21.6
2,4-Dinitrotoluene		0.435	0.438	0.440	0.419	0.421	0.424	4.1
Diethylphthalate		1.562	1.484	1.496	1.439	1.446	1.462	4.5
4-Chlorophenyl-phenylether		0.780	0.750	0.759	0.716	0.727	0.733	4.6
Fluorene		1.573	1.522	1.492	1.444	1.429	1.460	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARDM01
 Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG No.: P5192
 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
4,6-Dinitro-2-methylphenol			0.099	0.109	0.117	0.118	0.113	9.0
n-Nitrosodiphenylamine		0.639	0.679	0.644	0.599	0.592	0.615	7.9
Azobenzene		1.482	1.411	1.394	1.368	1.358	1.375	4.7
2,4,6-Tribromophenol		0.235	0.236	0.242	0.240	0.235	0.237	2.6
4-Bromophenyl-phenylether		0.225	0.248	0.236	0.220	0.214	0.224	8.0
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
Phenanthrene		1.125	1.081	1.072	0.983	0.988	1.028	6.5
Anthracene		1.091	1.064	1.053	0.970	0.978	1.013	5.7
Di-n-butylphthalate		1.245	1.206	1.232	1.129	1.185	1.164	8.1
Fluoranthene		1.364	1.291	1.251	1.130	1.138	1.184	11.5
Benzidine			0.319	0.401	0.404	0.493	0.408	14.8
Pyrene		1.904	1.719	1.650	1.699	1.761	1.779	6.1
Terphenyl-d14		1.354	1.247	1.218	1.206	1.212	1.268	5.6
Butylbenzylphthalate		0.650	0.616	0.621	0.646	0.672	0.654	4.6
3,3-Dichlorobenzidine		0.429	0.427	0.449	0.412	0.432	0.428	4.1
Benzo(a)anthracene		1.494	1.473	1.421	1.359	1.388	1.417	3.6
Chrysene		1.361	1.284	1.364	1.271	1.254	1.289	4.4
Bis(2-ethylhexyl)phthalate		0.804	0.807	0.875	0.821	0.855	0.844	4.0
Di-n-octyl phthalate		1.267	1.170	1.348	1.223	1.341	1.277	5.2
Benzo(b)fluoranthene		1.454	1.466	1.450	1.294	1.263	1.388	6.1
Benzo(k)fluoranthene		1.318	1.250	1.223	1.224	1.142	1.191	8.6
Benzo(a)pyrene		1.099	1.084	1.134	1.073	1.056	1.087	3.1
Indeno(1,2,3-cd)pyrene		1.130	1.174	1.330	1.269	1.109	1.248	8.9
Dibenzo(a,h)anthracene		0.913	0.986	1.092	1.058	0.918	1.034	9.3
Benzo(g,h,i)perylene		0.961	0.972	1.094	1.073	0.944	1.052	9.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

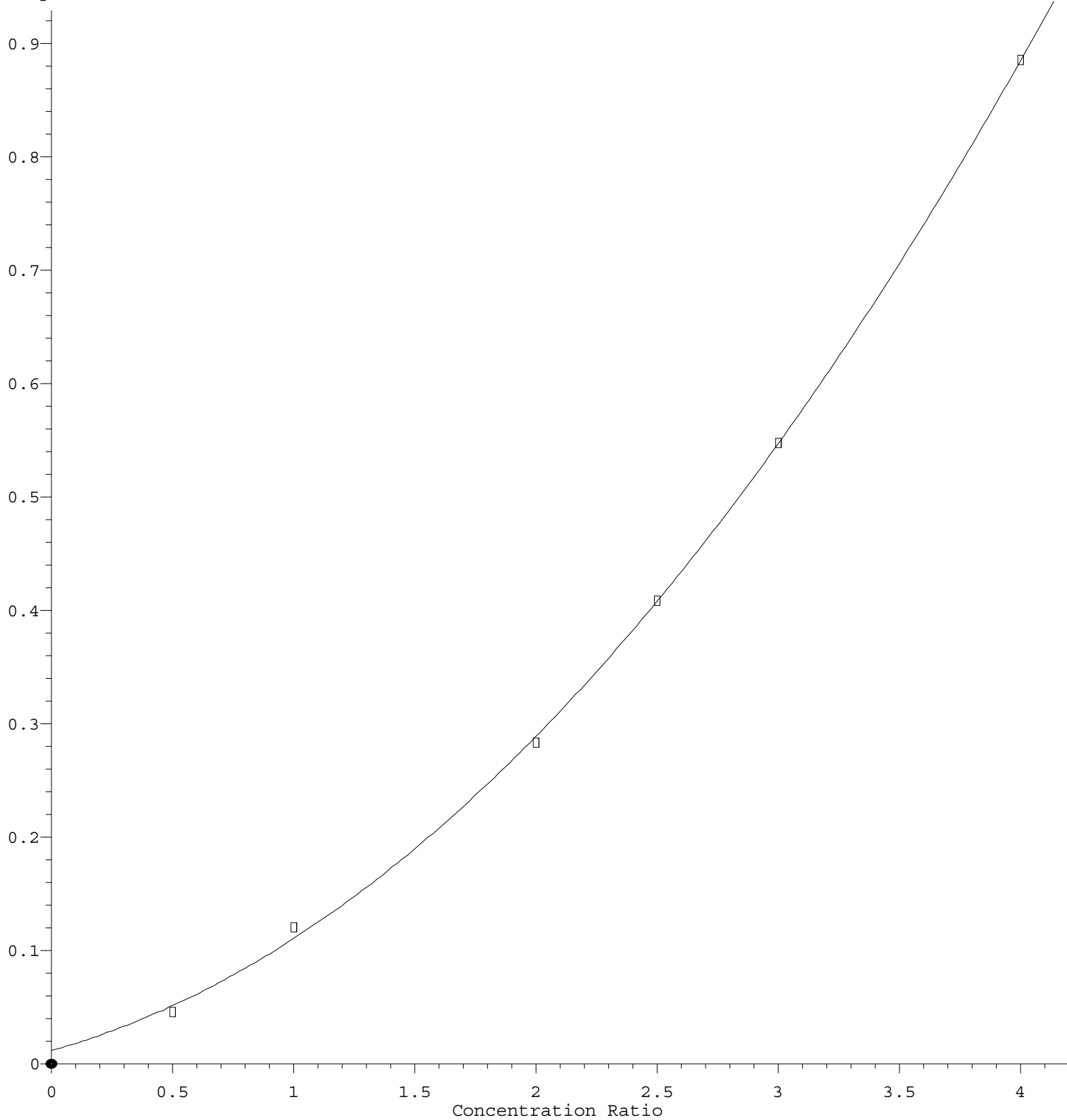
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF121624.M

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

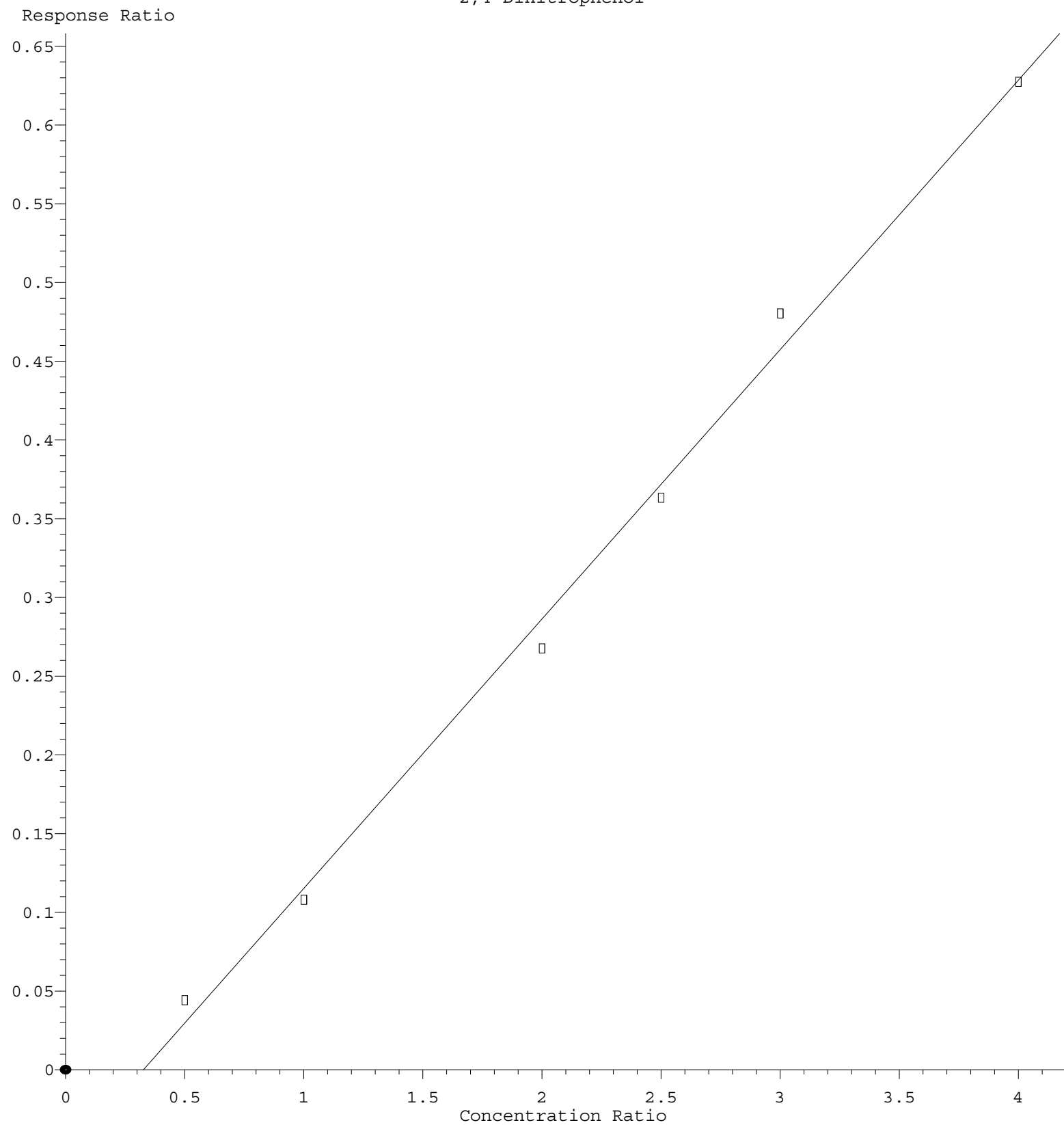
Hexachlorocyclopentadiene

Response Ratio



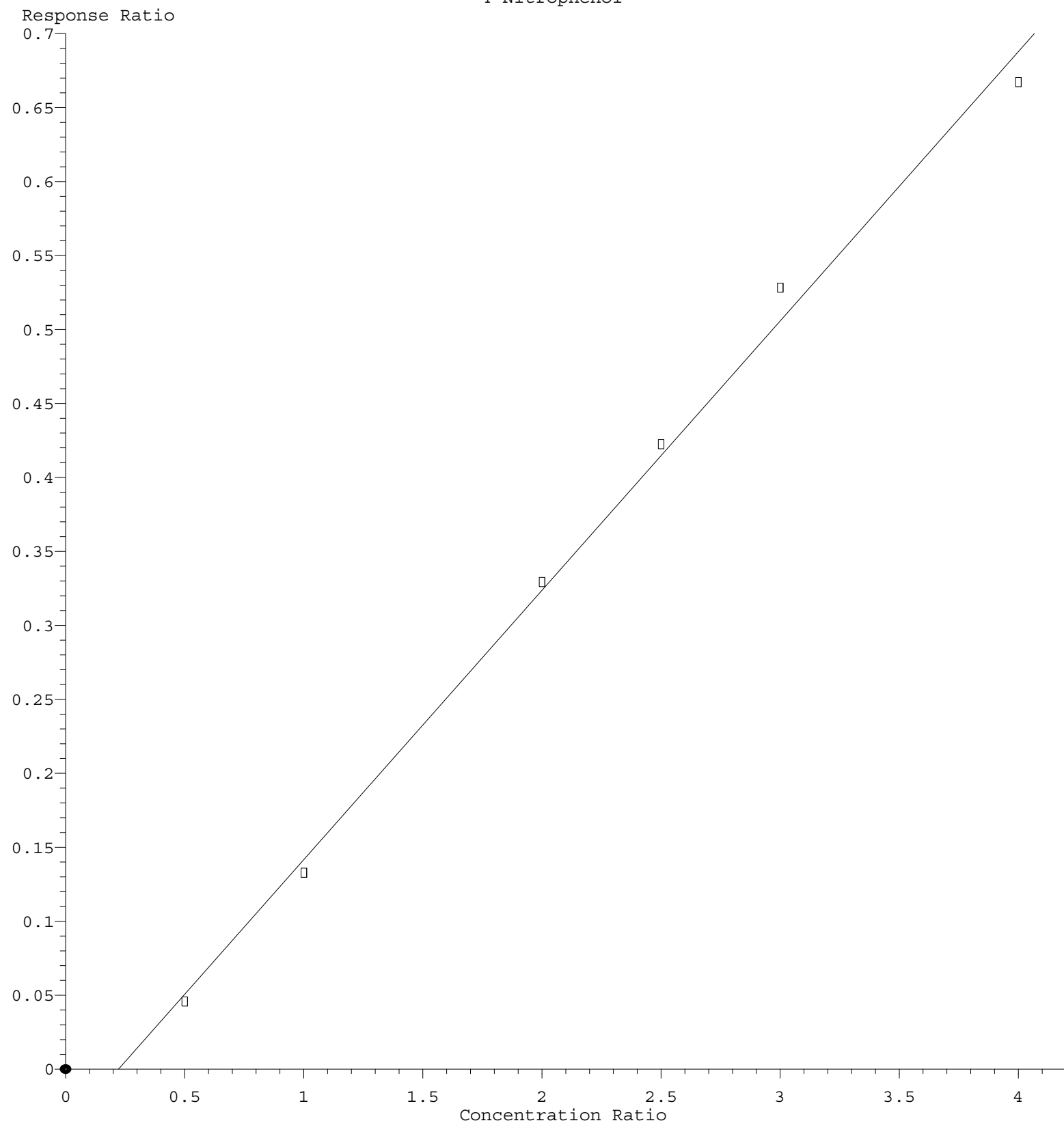
$R = 3.984e-002 A^2 + 5.892e-002 A + 1.177e-002$
Coef of Det (r^2) = 0.999663 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF121624.M
Calibration Table Last Updated: Mon Dec 16 16:59:50 2024

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

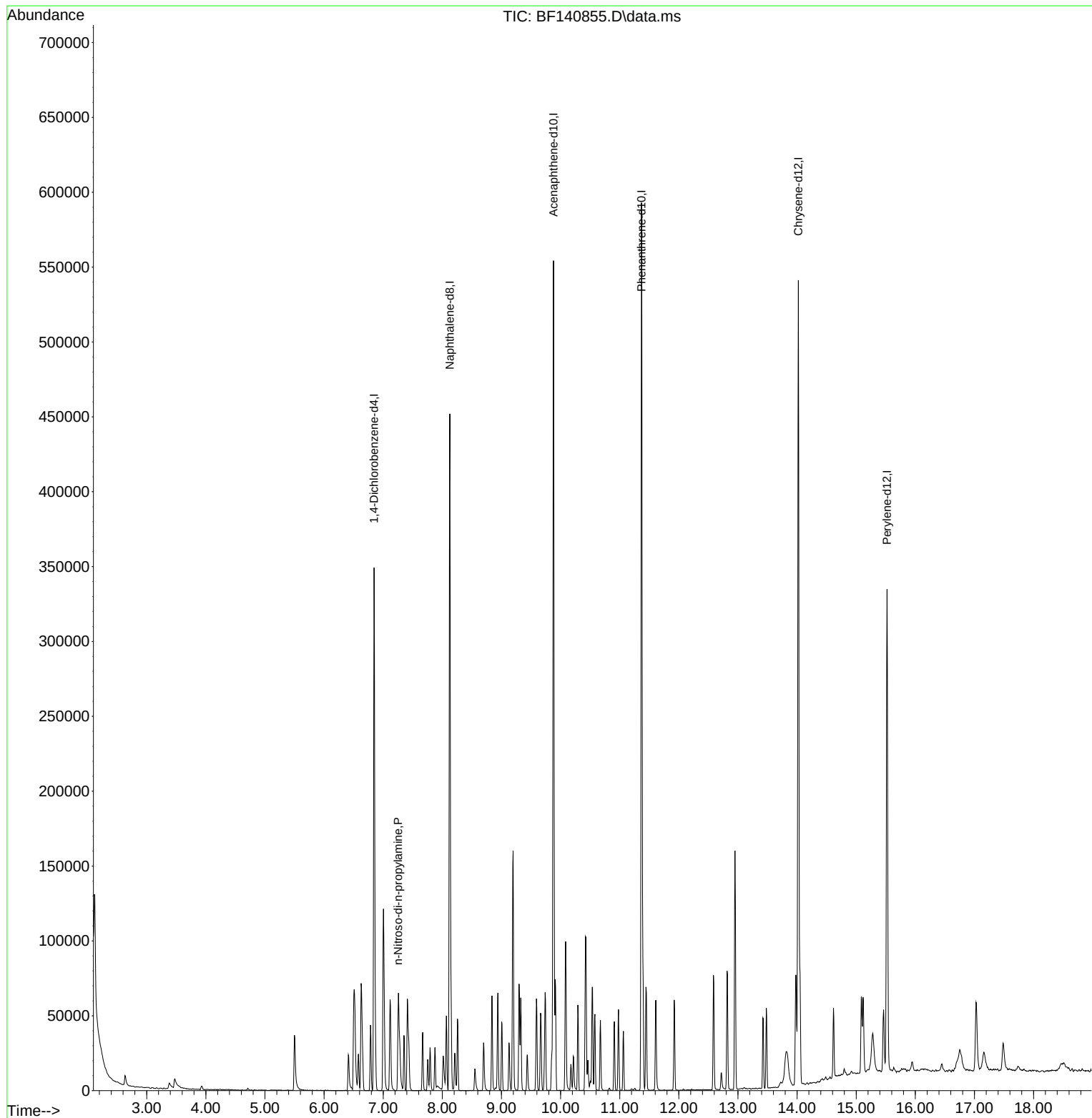
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	74199	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	283096	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	317916	20.000	ng	0.00
76) Chrysene-d12	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						
19) n-Nitroso-di-n-propyla...	7.251	70	9325	2.604	ng	Qvalue 97

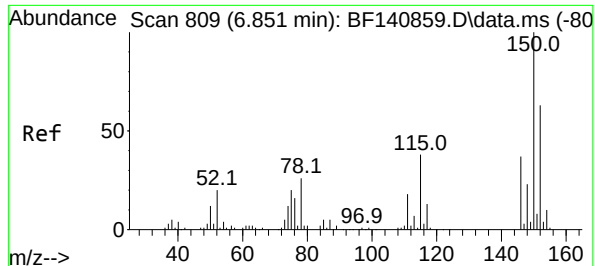
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

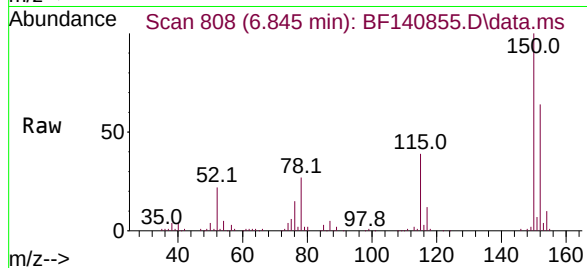
Quant Time: Dec 16 16:45:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



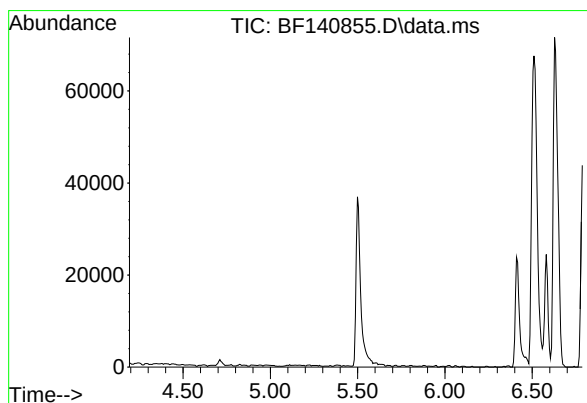
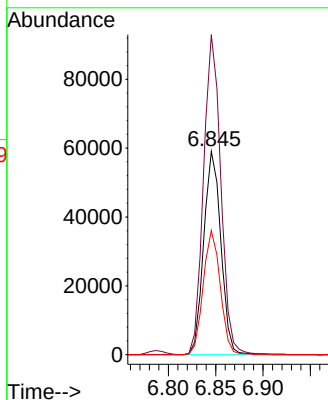
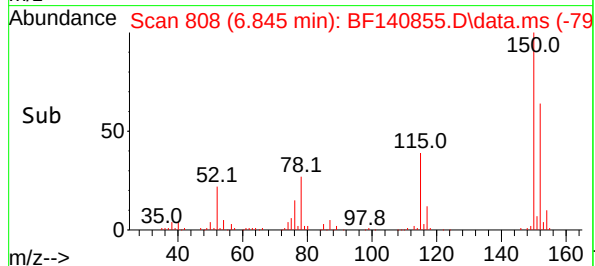


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



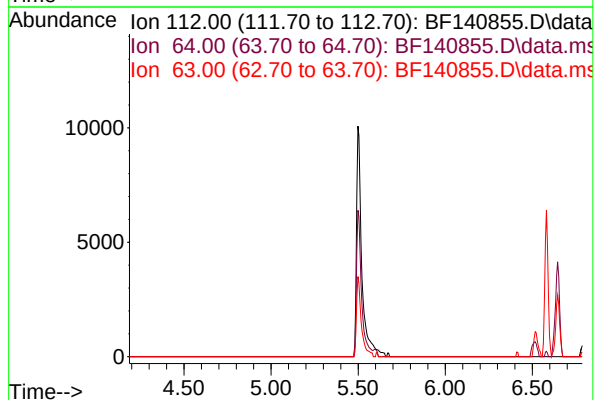
Tgt Ion:152 Resp: 74199
Ion Ratio Lower Upper
152 100
150 157.3 127.9 191.9
115 61.0 48.0 72.0



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

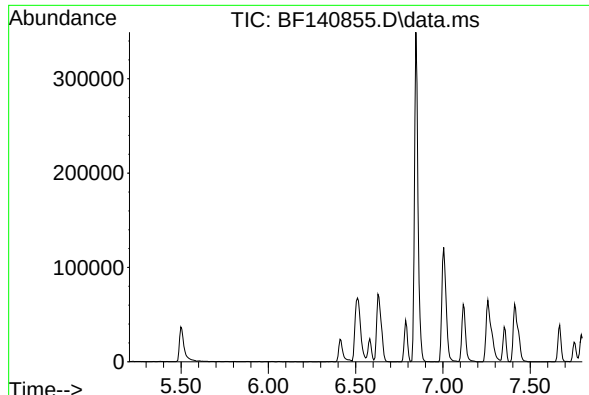
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

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



Ion 64.00 (63.70 to 64.70): BF140855.D\data.ms

Ion 63.00 (62.70 to 63.70): BF140855.D\data.ms



#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

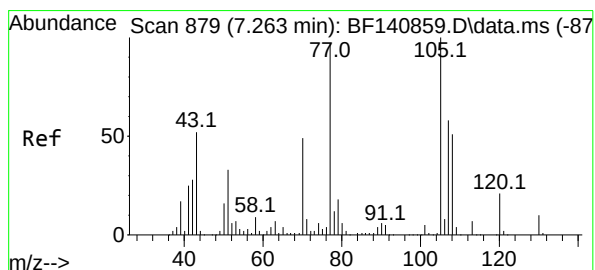
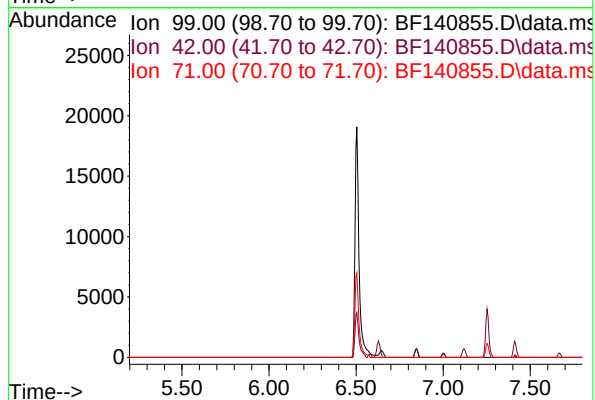
Tgt Ion: 99

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

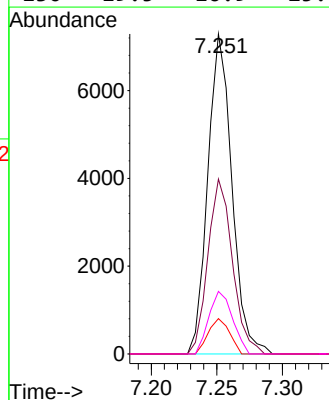
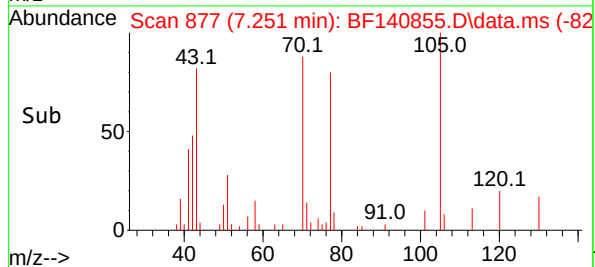
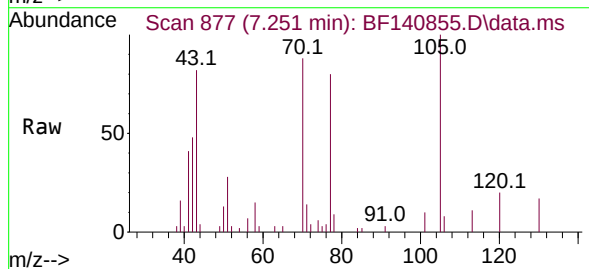
Ion Ratio Lower Upper

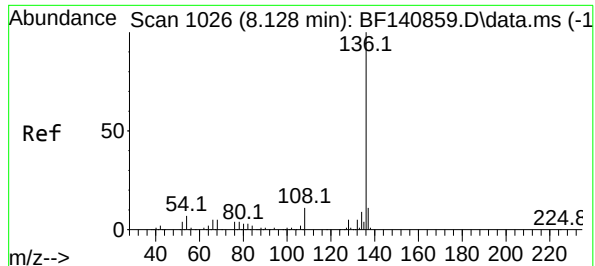
70 100

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

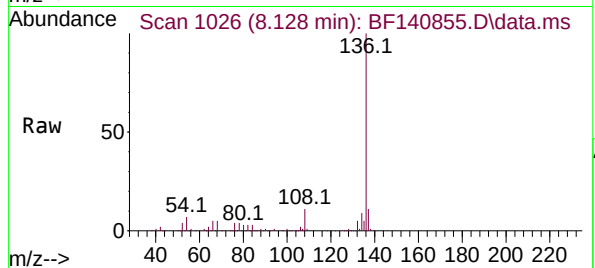
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 283096

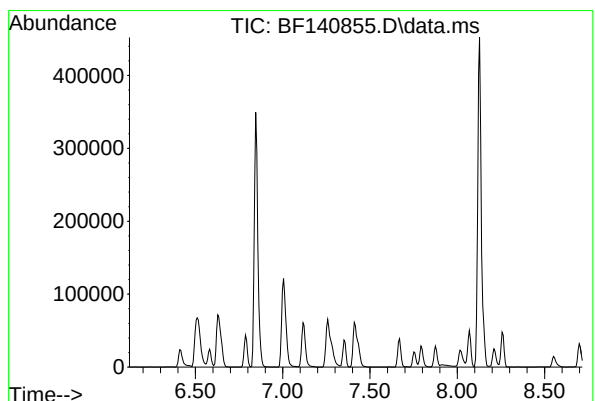
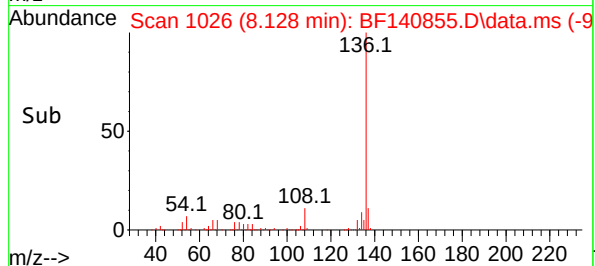
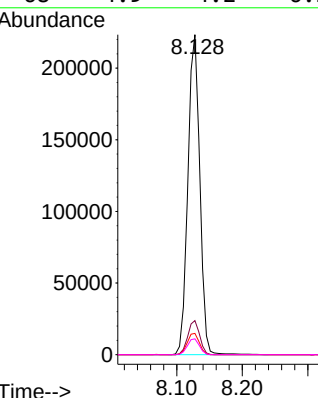
Ion Ratio Lower Upper

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

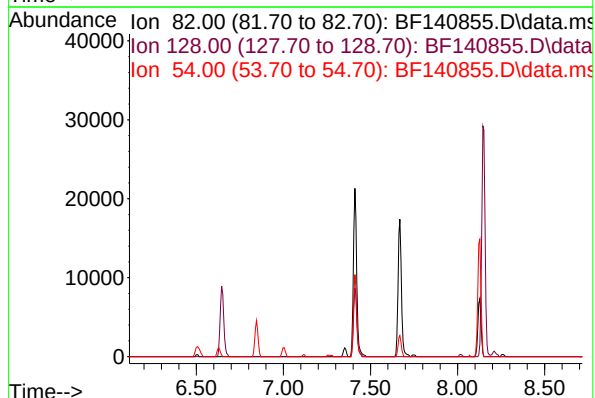
Tgt Ion: 82

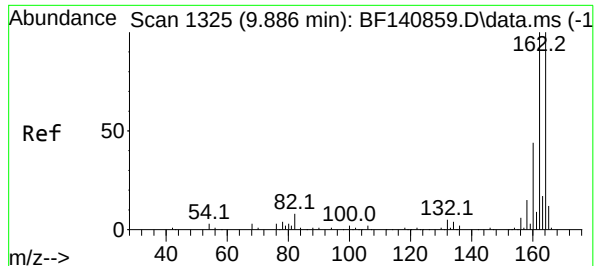
Sig Exp Ratio

82 100

128 43.0

54 48.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140855.D

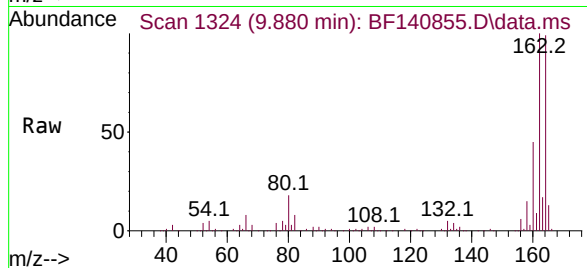
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



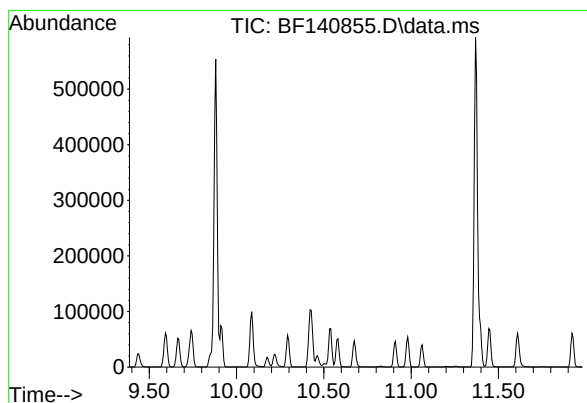
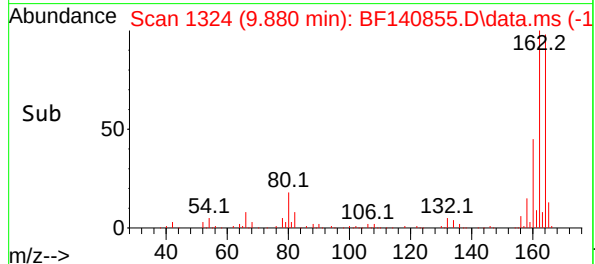
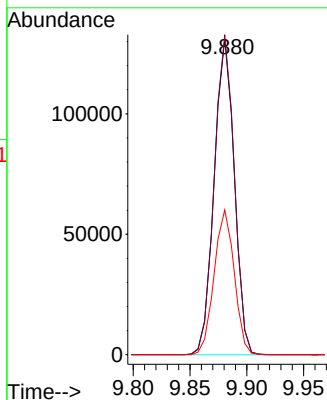
Tgt Ion:164 Resp: 161044

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

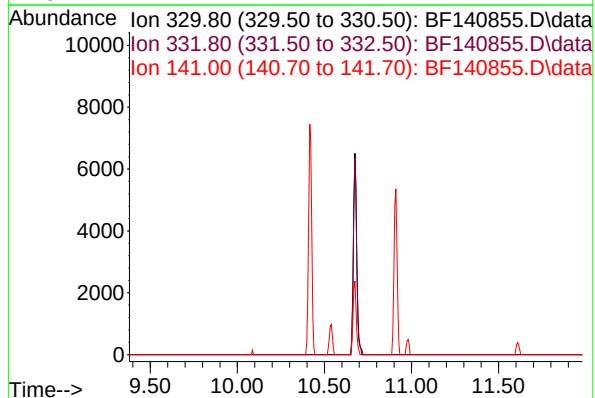
Tgt Ion: 330

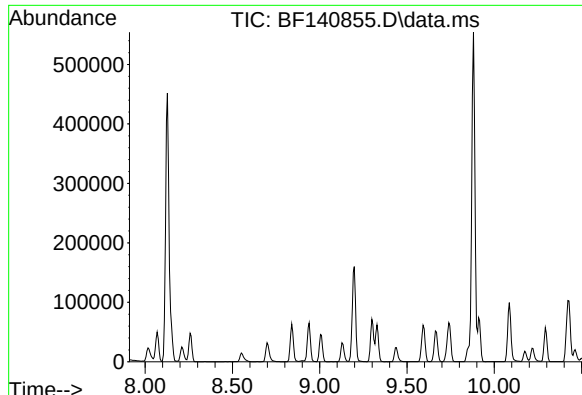
Sig Exp Ratio

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

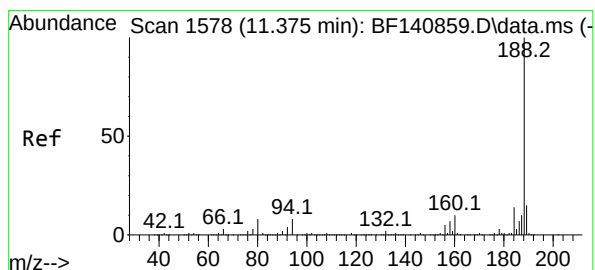
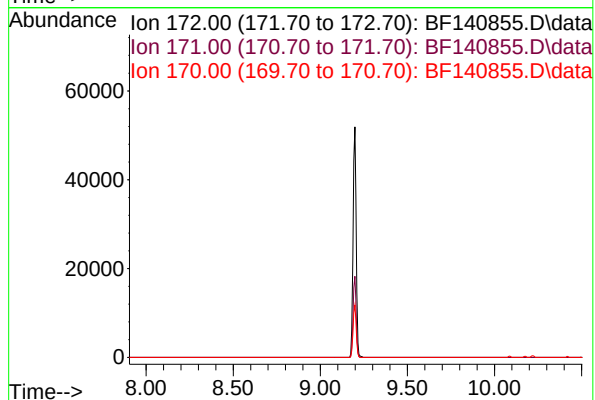
Tgt Ion: 172

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

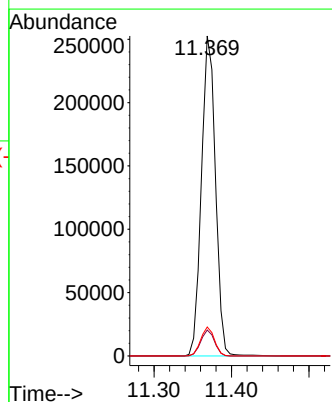
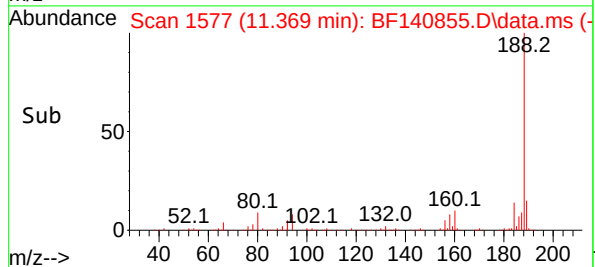
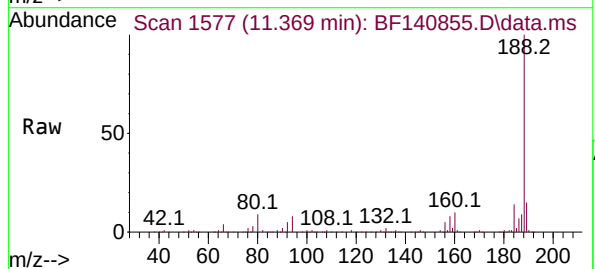
Tgt Ion: 188 Resp: 317916

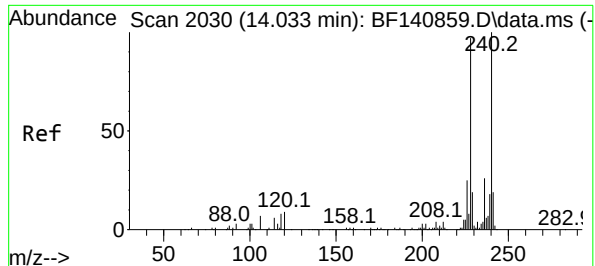
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.0 6.8 10.2

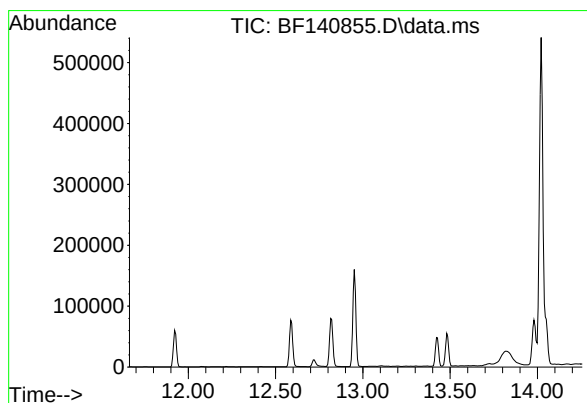
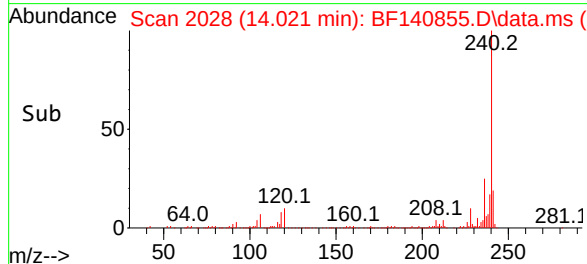
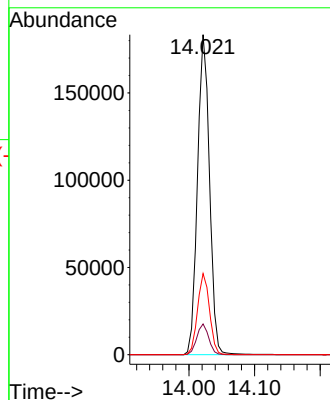
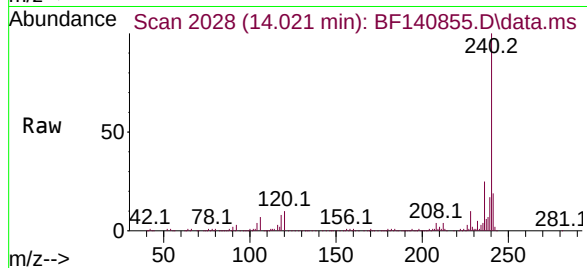




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

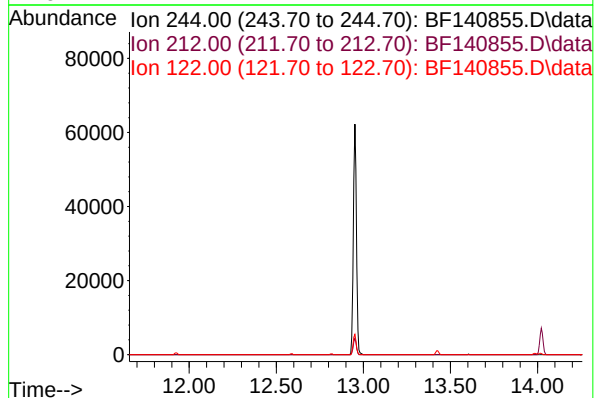
Tgt Ion:240 Resp: 234189
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.4 20.5 30.7

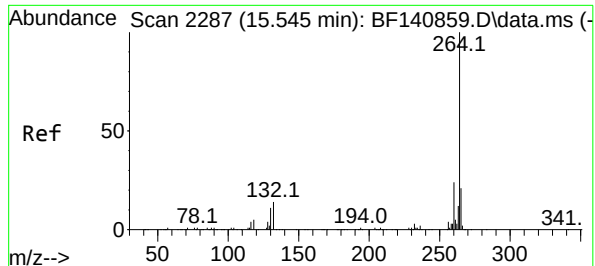


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.96 min

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

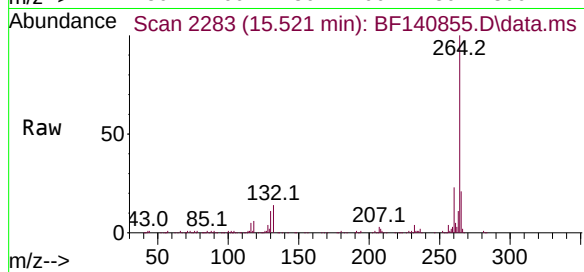
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



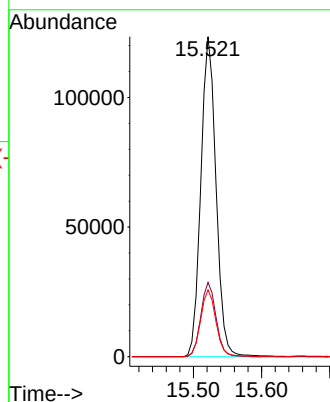
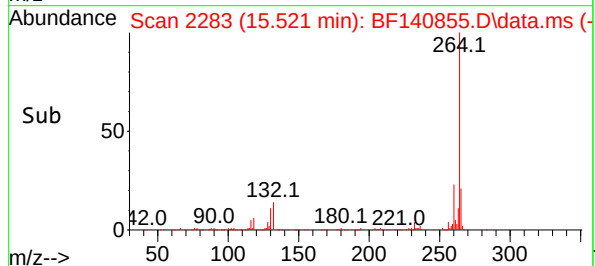
Tgt Ion:264 Resp: 191083

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

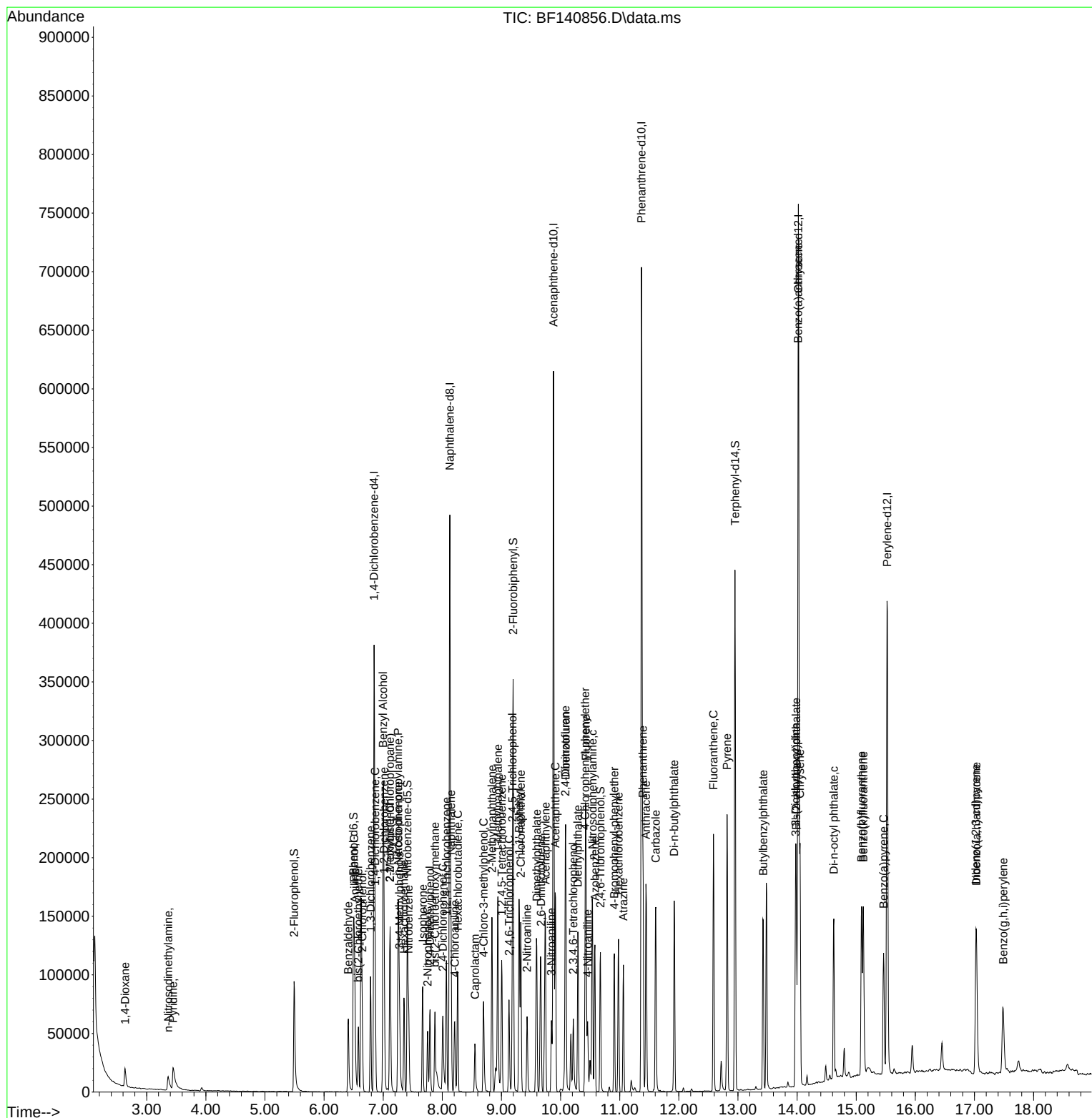
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.328	162	55976	5.080	ng	98
48) 2-Nitroaniline	9.433	65	15829	4.757	ng	98
49) Acenaphthylene	9.745	152	84871	5.241	ng	99
50) Dimethylphthalate	9.598	163	64810	5.075	ng	99
51) 2,6-Dinitrotoluene	9.669	165	14507	4.969	ng	99
52) Acenaphthene	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

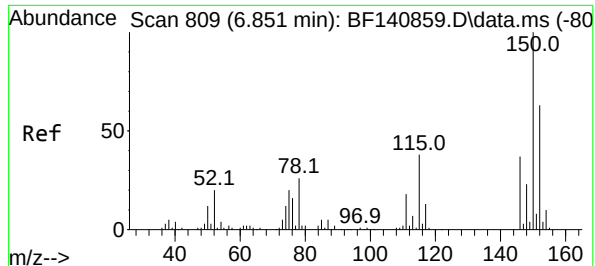
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

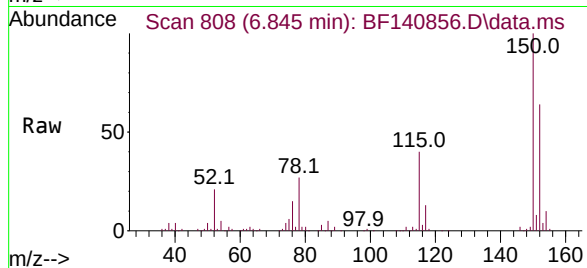
Quant Time: Dec 16 16:46:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



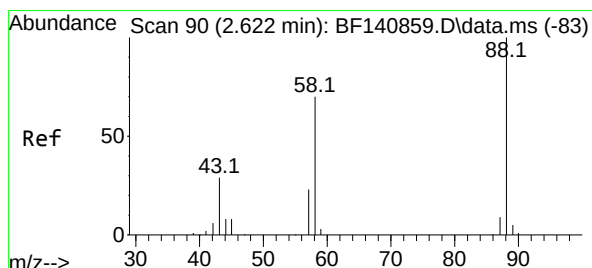
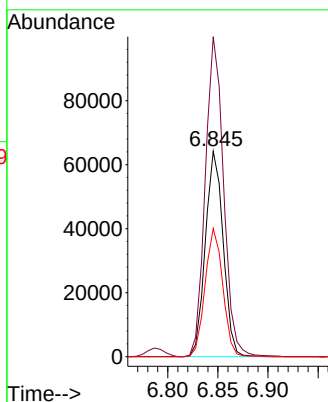
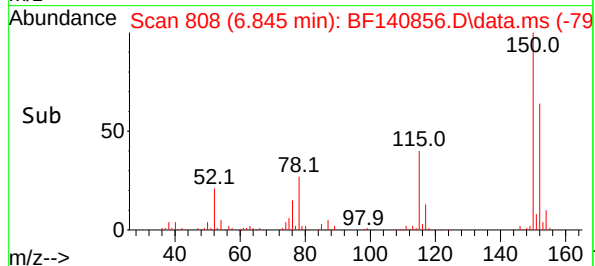


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

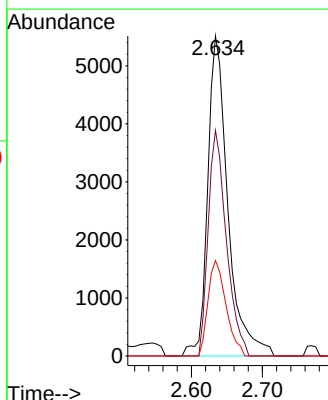
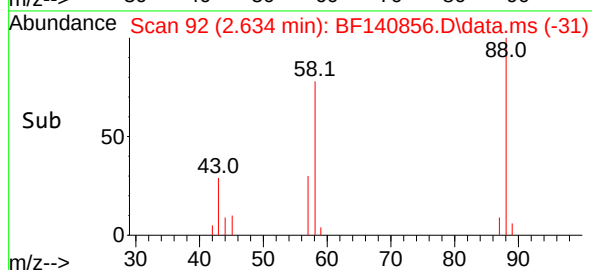
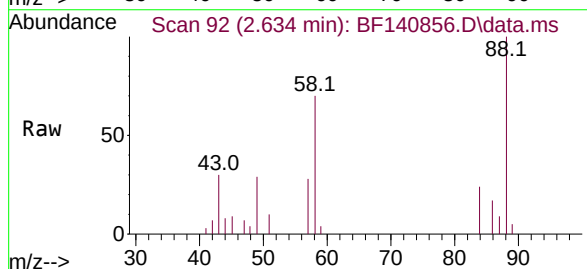


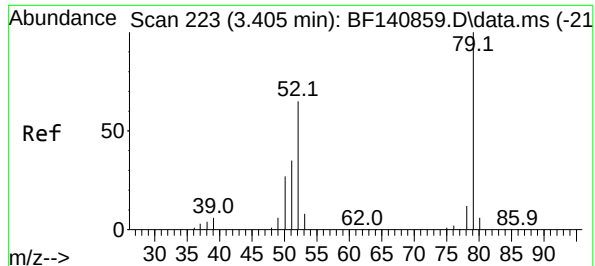
Tgt Ion:152 Resp: 79655
Ion Ratio Lower Upper
152 100
150 155.8 127.9 191.9
115 62.4 48.0 72.0



#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

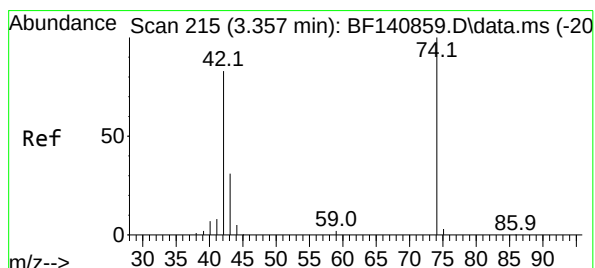
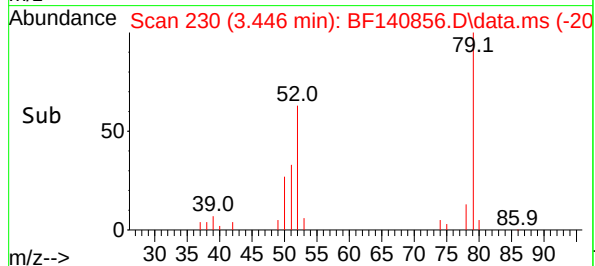
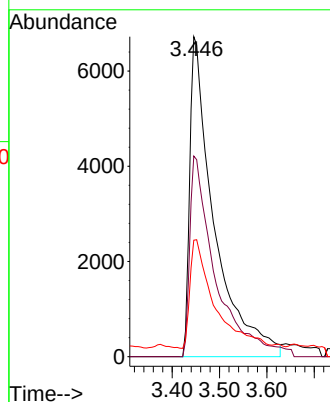
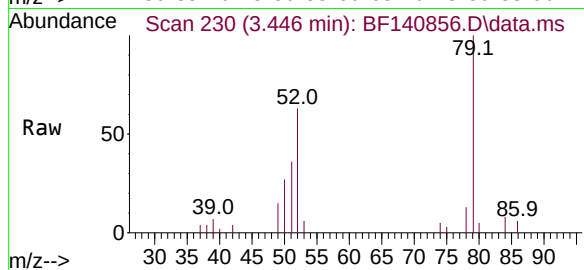
Tgt Ion: 79 Resp: 23956

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

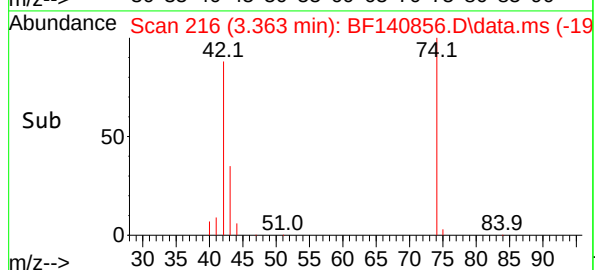
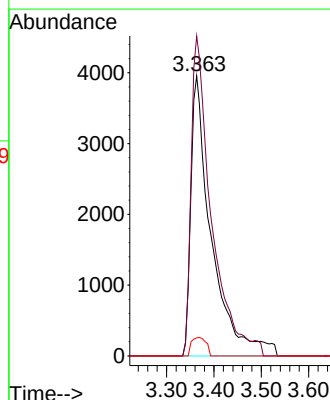
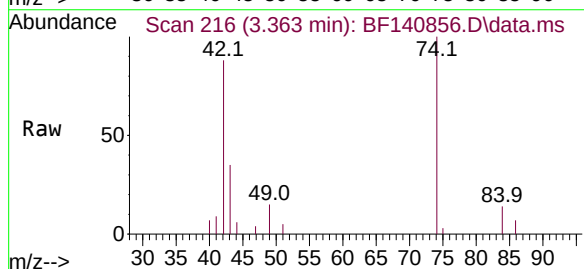
Tgt Ion: 42 Resp: 11912

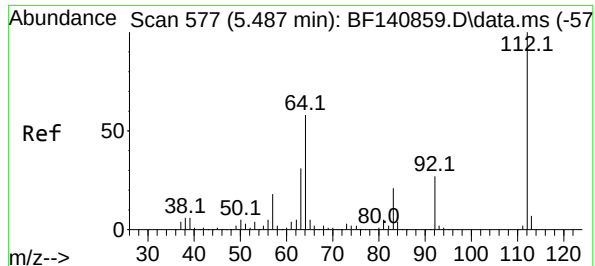
Ion Ratio Lower Upper

42 100

74 114.2 96.9 145.3

44 6.5 4.4 6.6

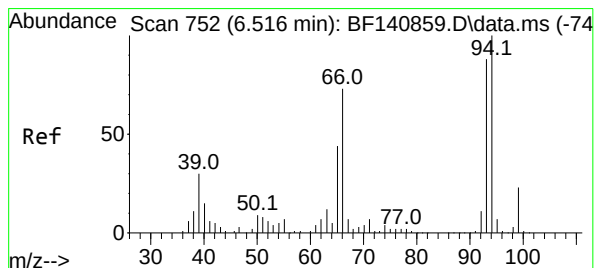
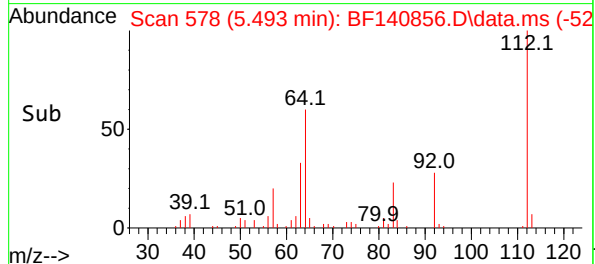
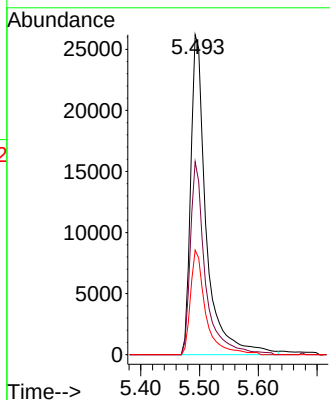
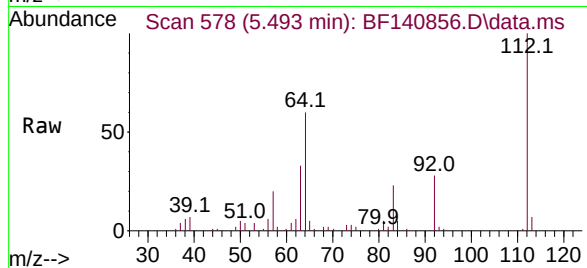




#5
2-Fluorophenol
Concen: 9.965 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

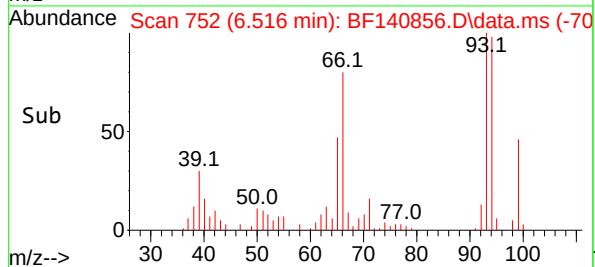
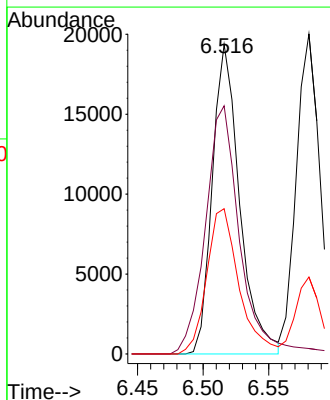
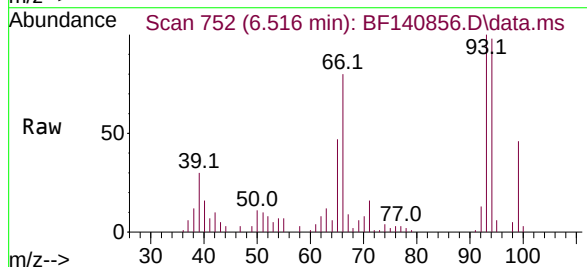
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

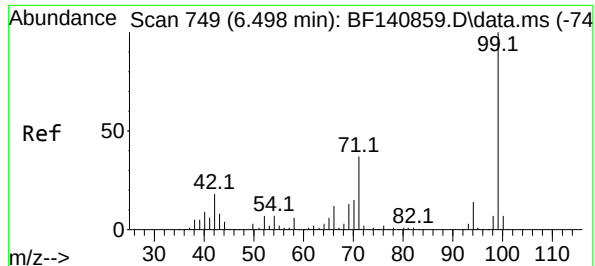
Tgt Ion:112 Resp: 48219
Ion Ratio Lower Upper
112 100
64 60.3 46.1 69.1
63 32.6 24.9 37.3



#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

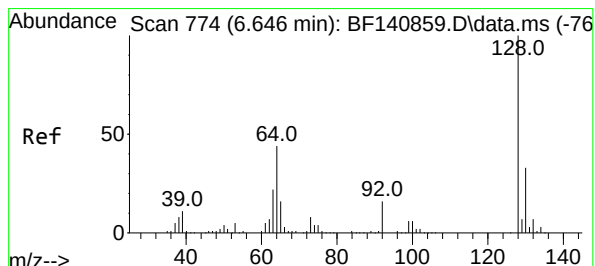
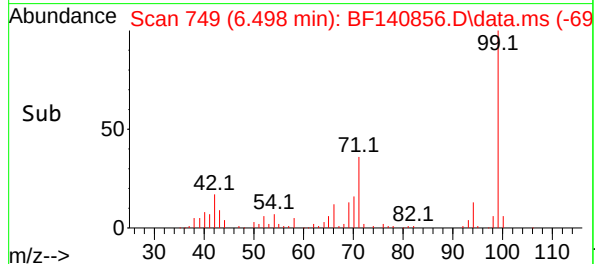
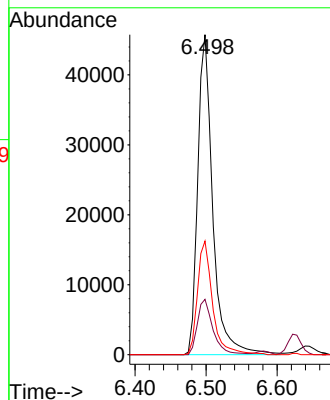
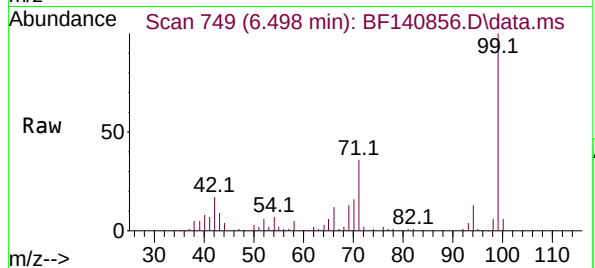




#7
Phenol-d6
Concen: 10.516 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

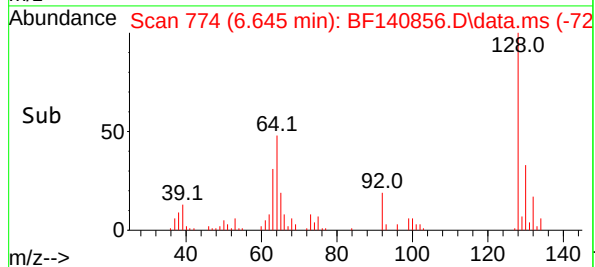
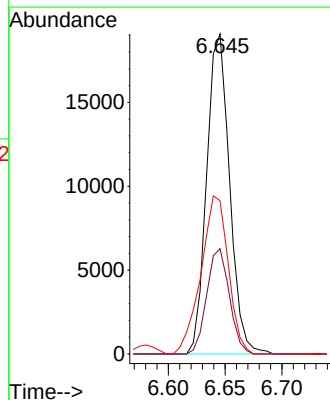
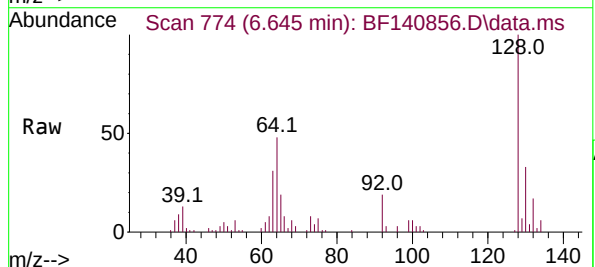
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

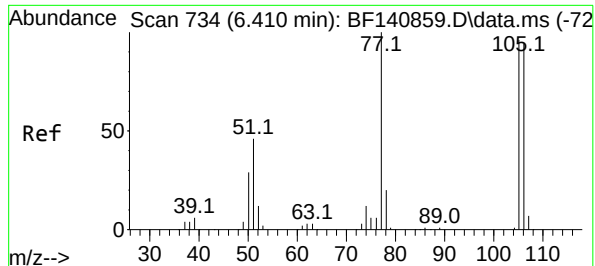
Tgt Ion: 99 Resp: 67396
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 35.5 29.9 44.9



#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

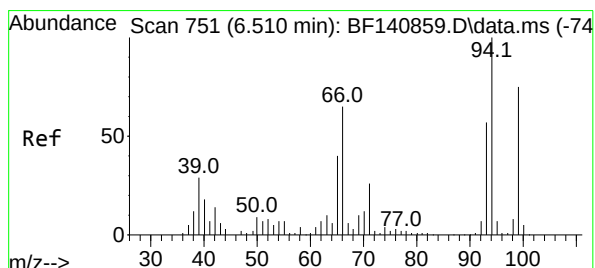
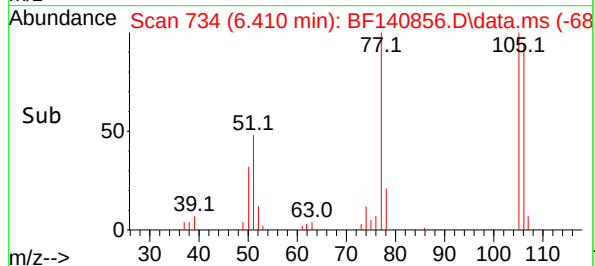
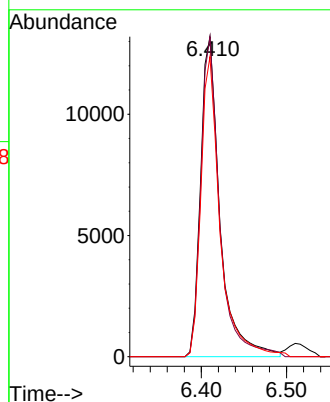
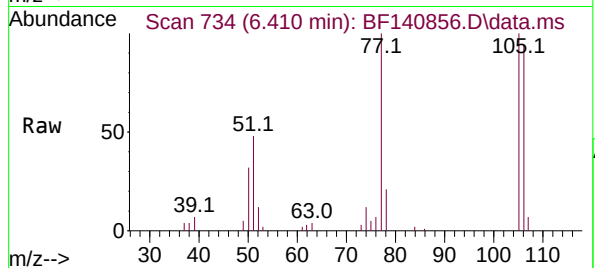
Tgt Ion: 77 Resp: 20868

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

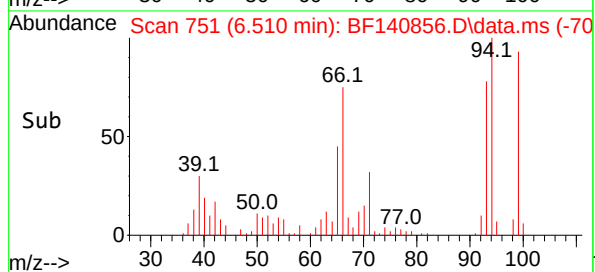
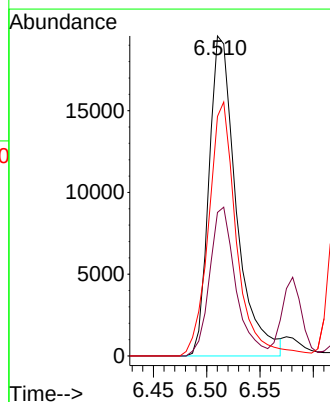
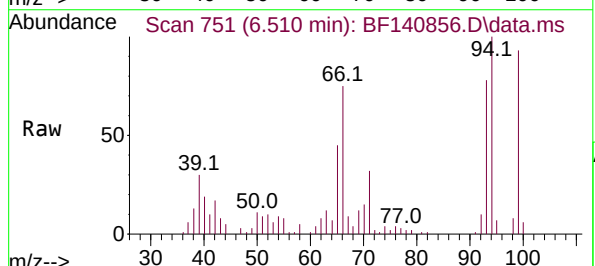
Tgt Ion: 94 Resp: 34967

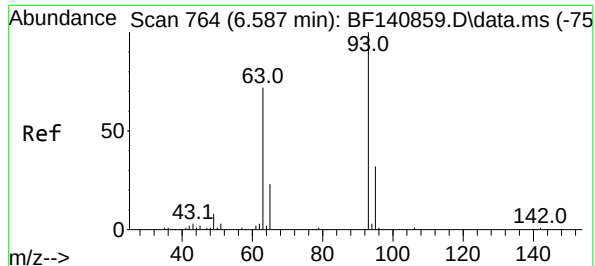
Ion Ratio Lower Upper

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

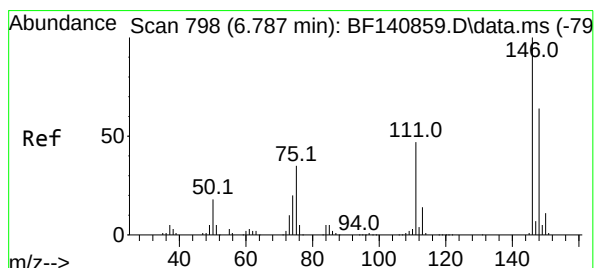
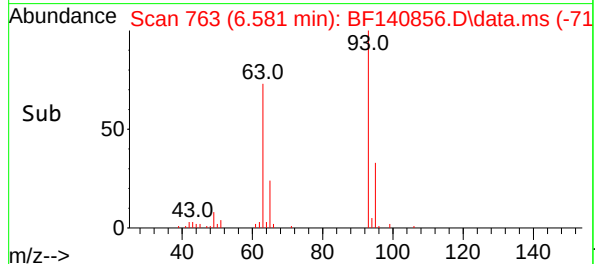
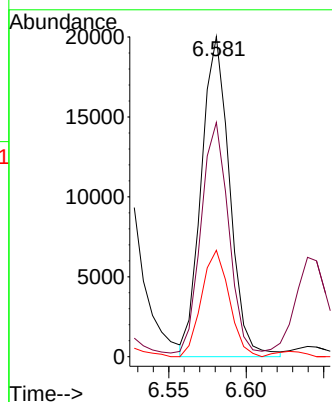
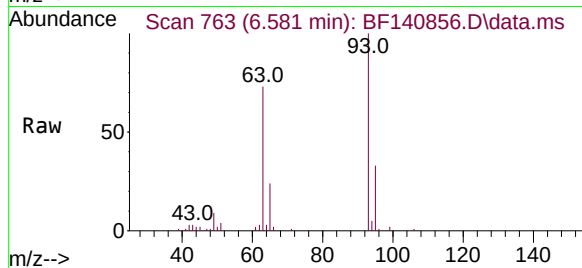
Tgt Ion: 93 Resp: 25426

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

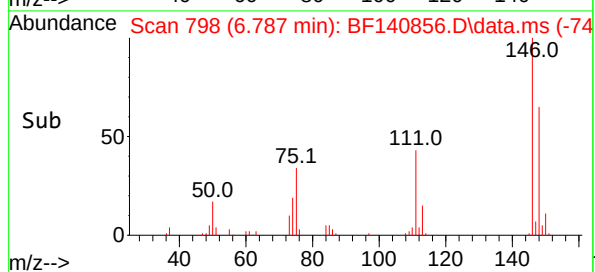
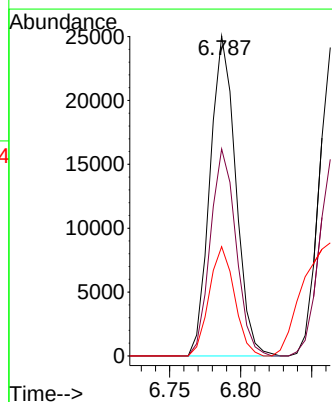
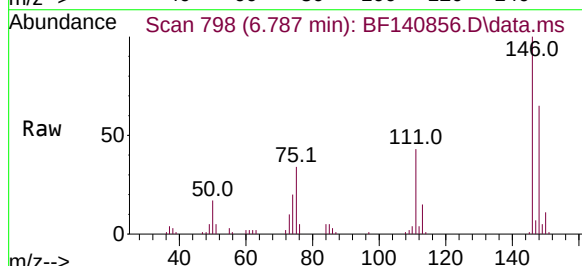
Tgt Ion:146 Resp: 31542

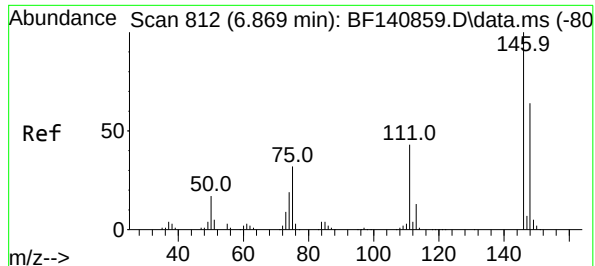
Ion Ratio Lower Upper

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

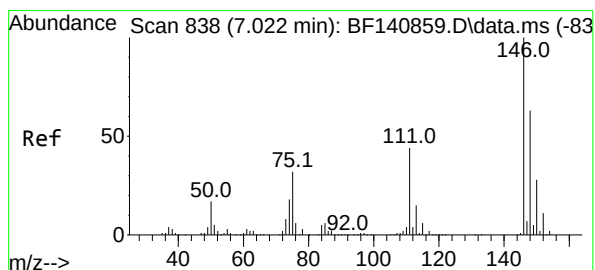
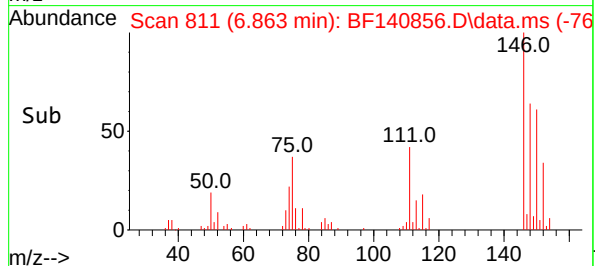
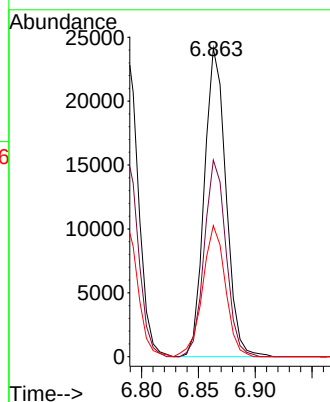
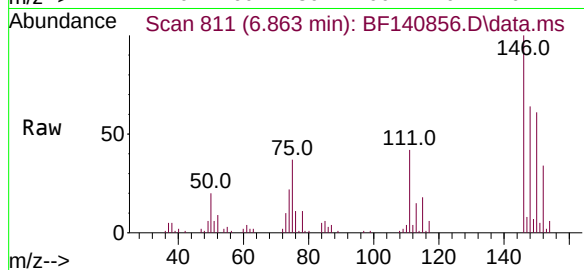
Tgt Ion:146 Resp: 32009

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

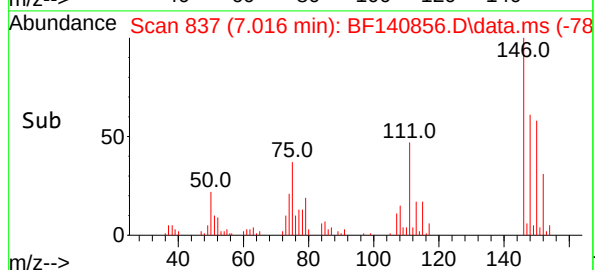
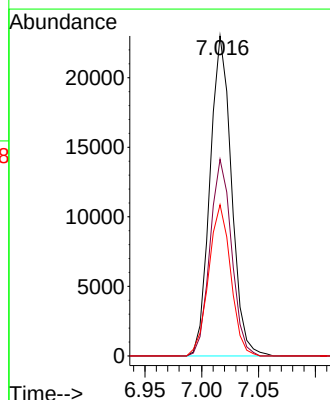
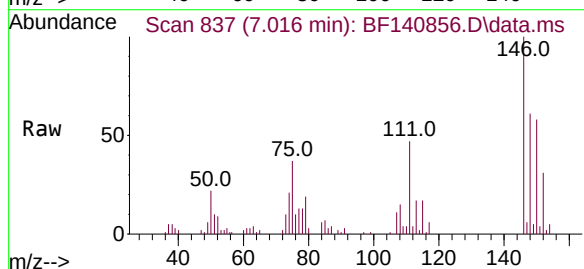
Tgt Ion:146 Resp: 30294

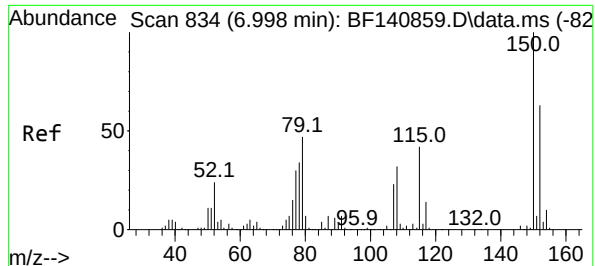
Ion Ratio Lower Upper

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

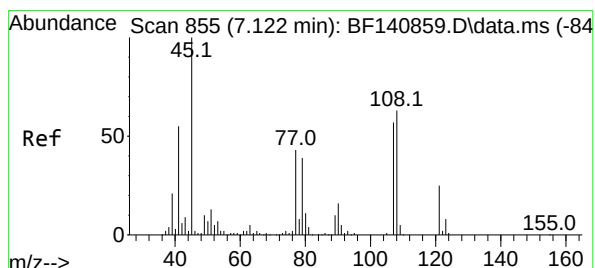
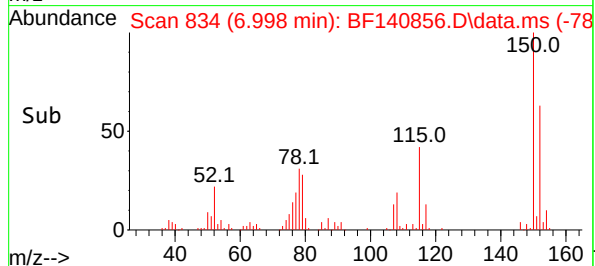
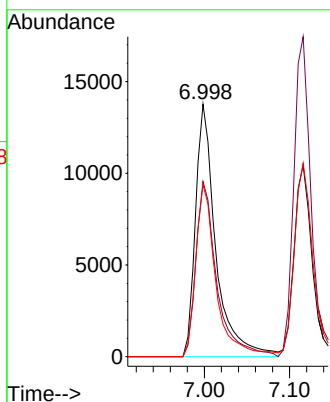
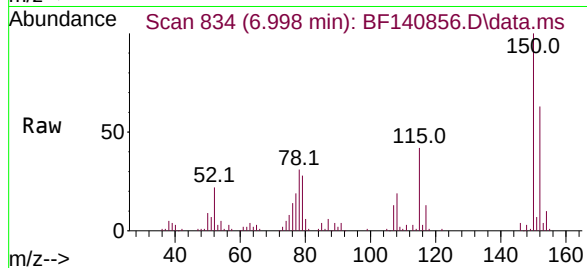
Tgt Ion: 79 Resp: 22831

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

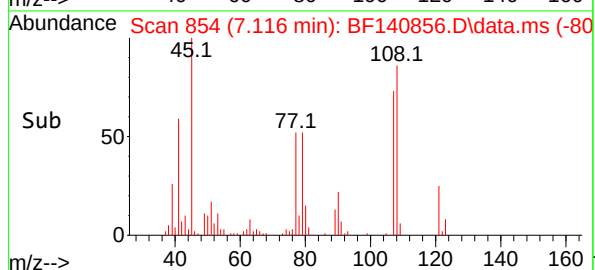
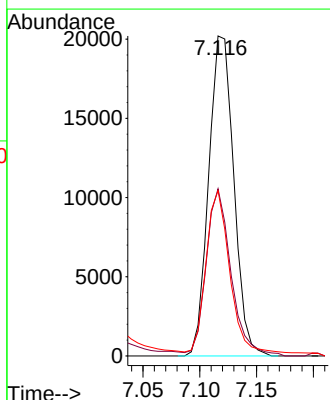
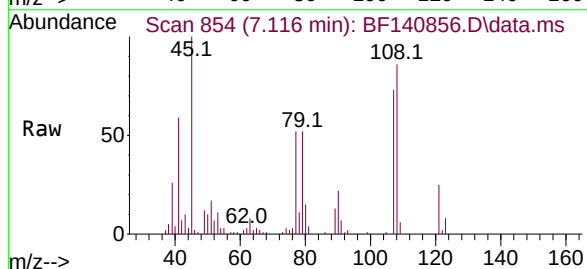
Tgt Ion: 45 Resp: 31121

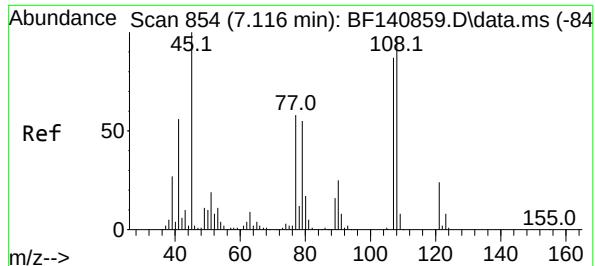
Ion Ratio Lower Upper

45 100

77 52.3 23.3 63.3

79 51.7 20.0 60.0

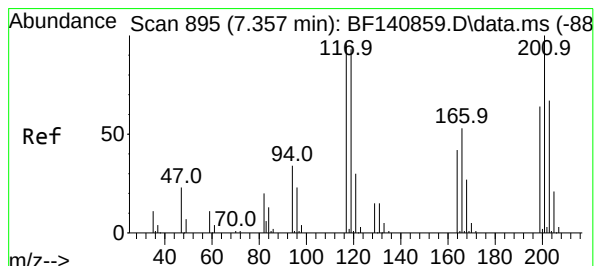
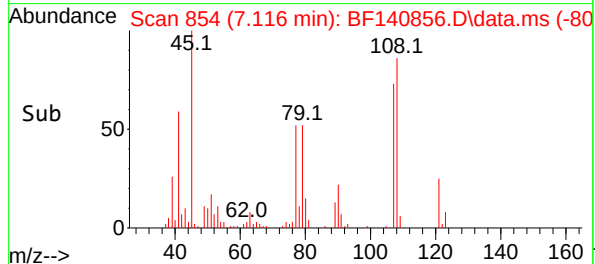
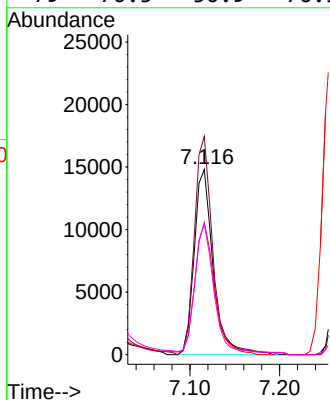
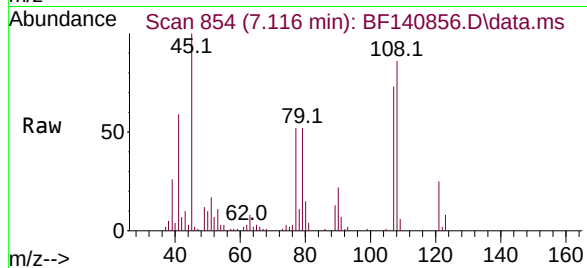




#17
2-Methylphenol
Concen: 5.112 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

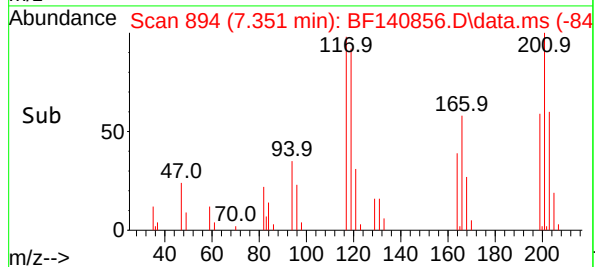
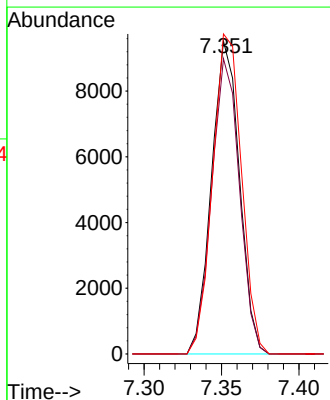
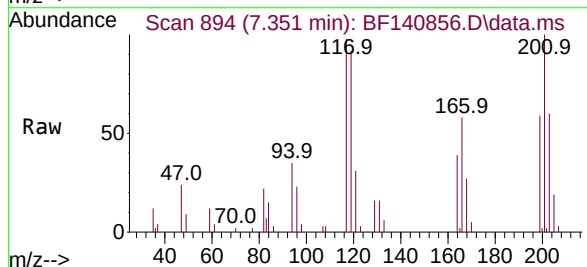
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

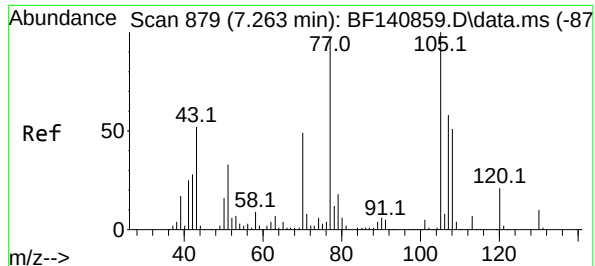
Tgt Ion:	107	Resp:	21534
Ion	Ratio	Lower	Upper
107	100		
108	117.8	90.2	135.4
77	71.3	53.8	80.6
79	70.5	50.9	76.3



#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

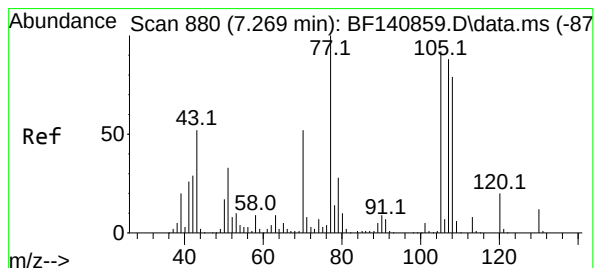
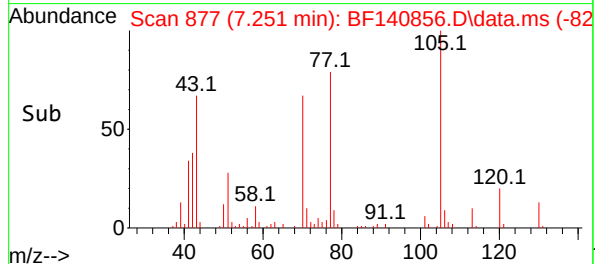
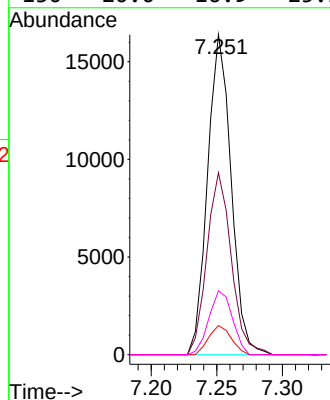
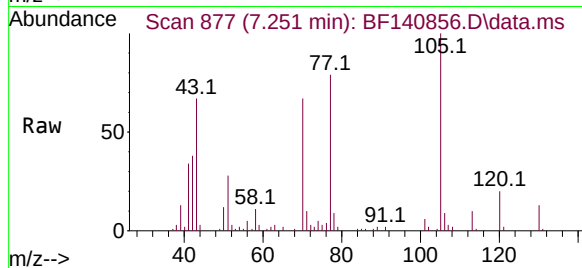
Ion Ratio Lower Upper

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

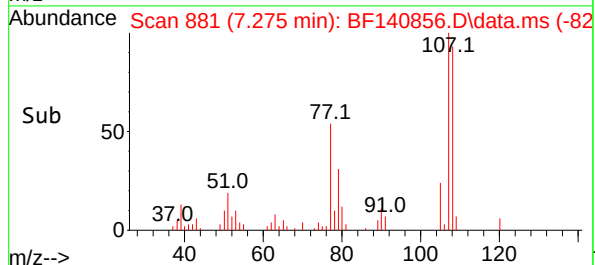
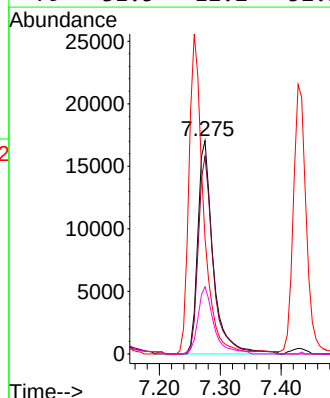
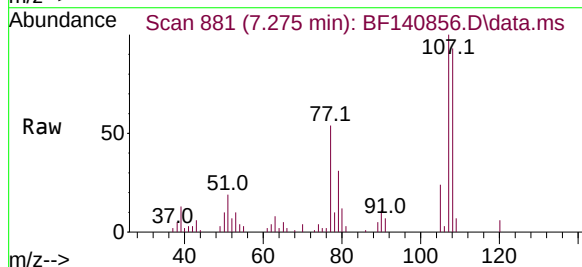
Ion Ratio Lower Upper

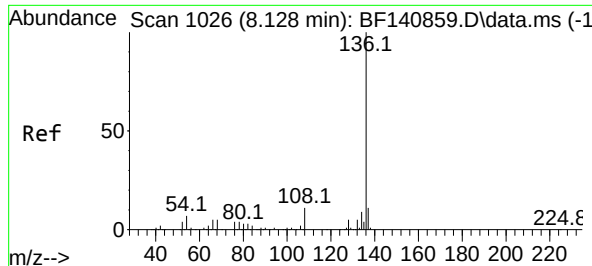
107 100

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

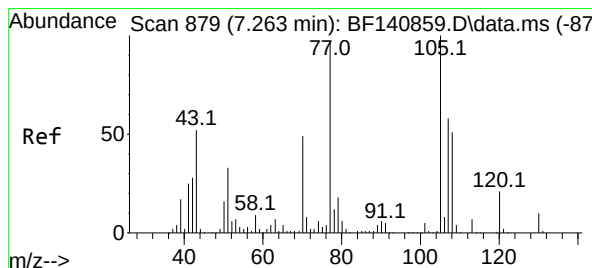
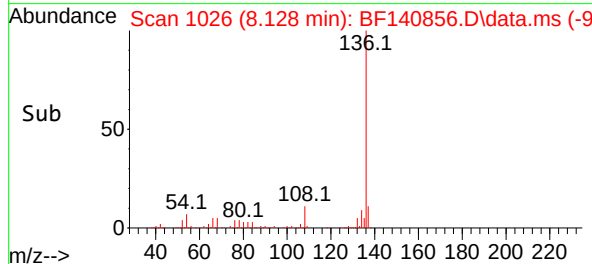
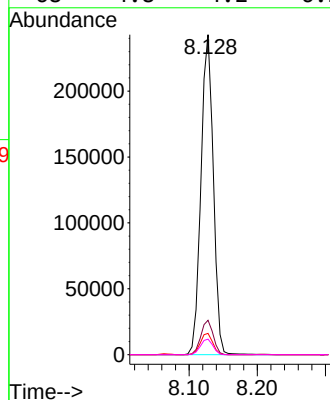
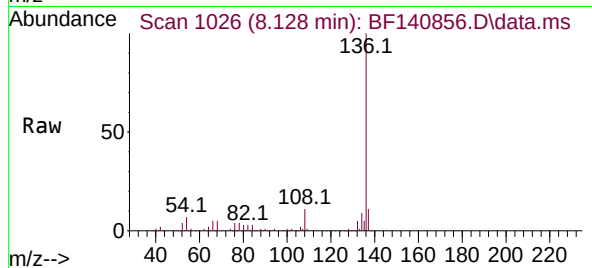
Ion Ratio Lower Upper

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

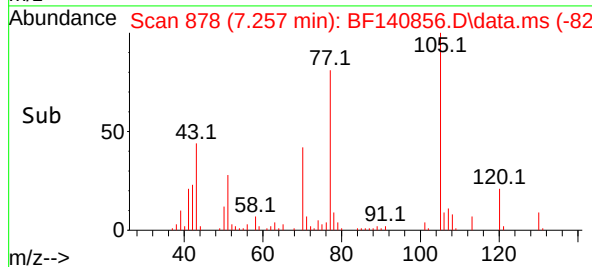
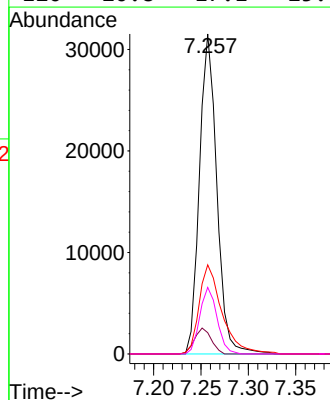
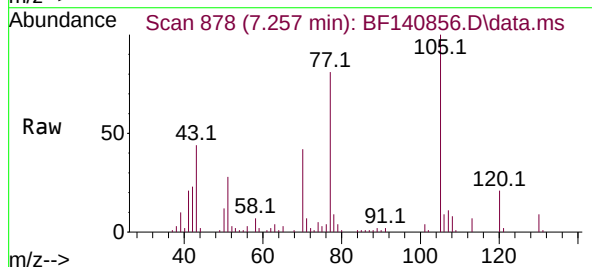
Ion Ratio Lower Upper

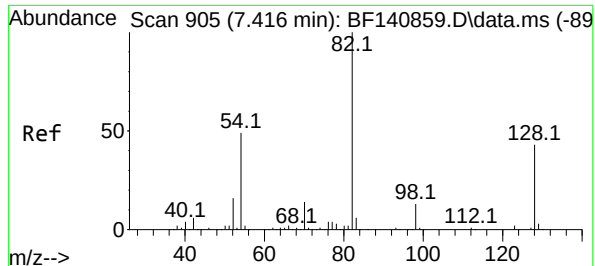
105 100

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

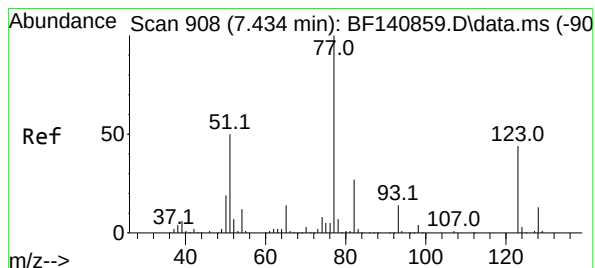
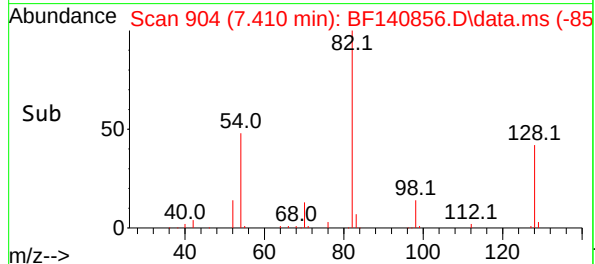
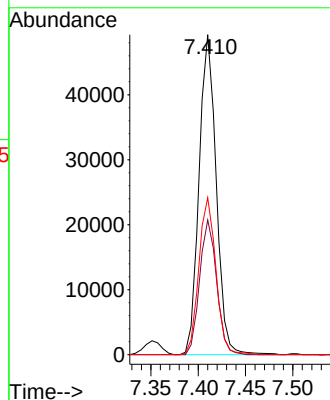
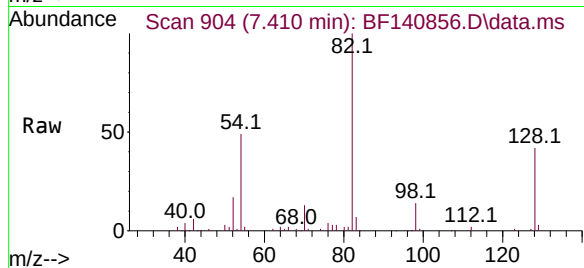
Tgt Ion: 82 Resp: 62104

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

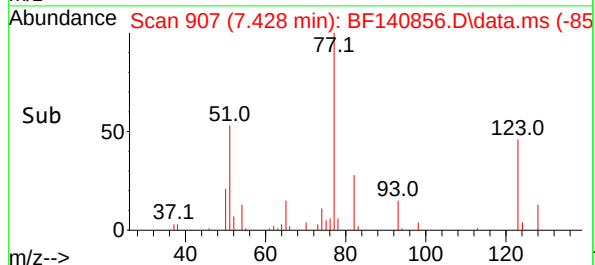
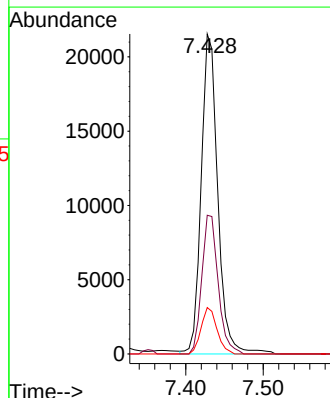
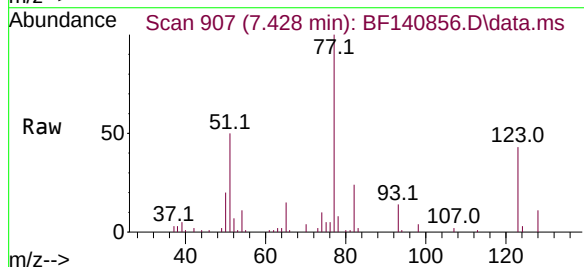
Tgt Ion: 77 Resp: 31964

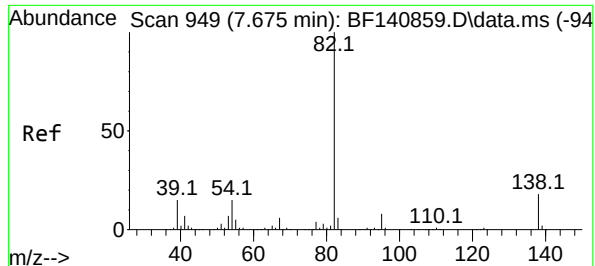
Ion Ratio Lower Upper

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

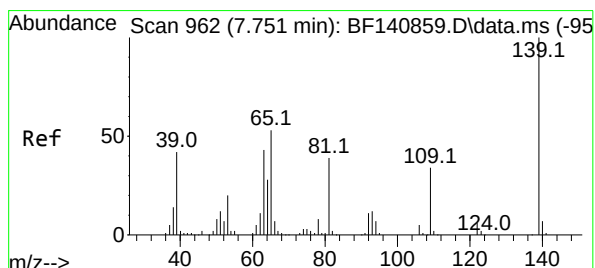
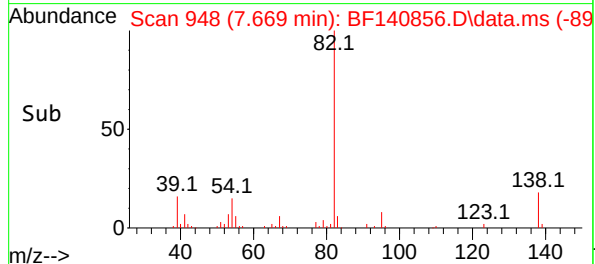
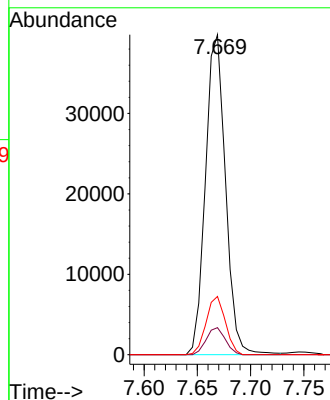
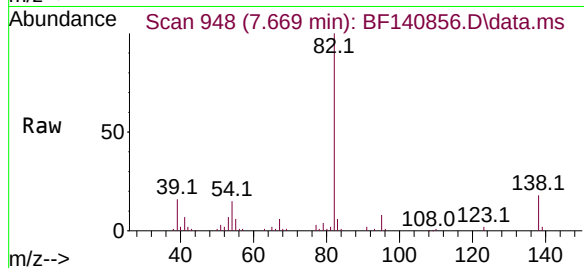
Tgt Ion: 82 Resp: 52133

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

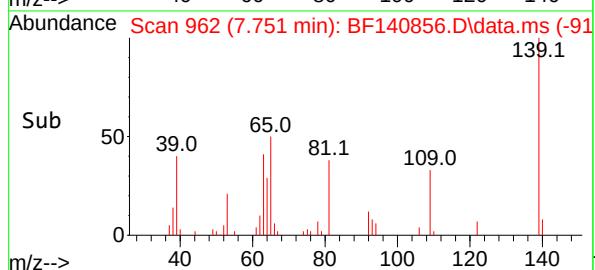
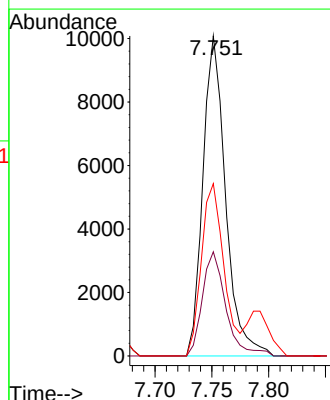
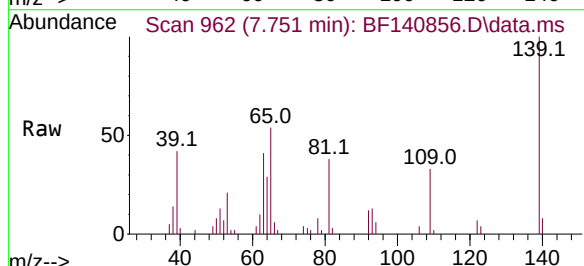
Tgt Ion:139 Resp: 13994

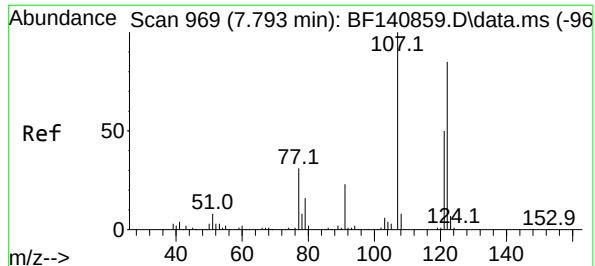
Ion Ratio Lower Upper

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

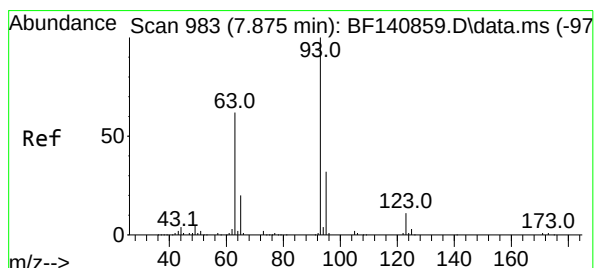
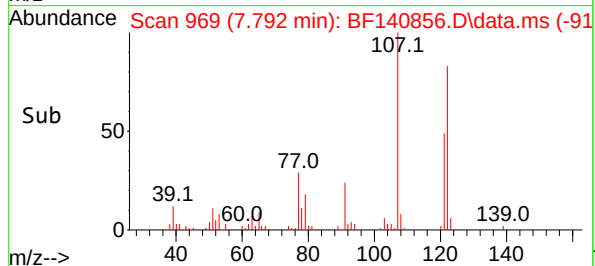
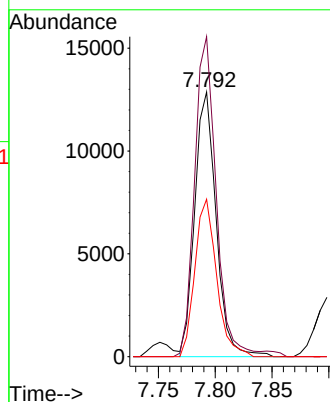
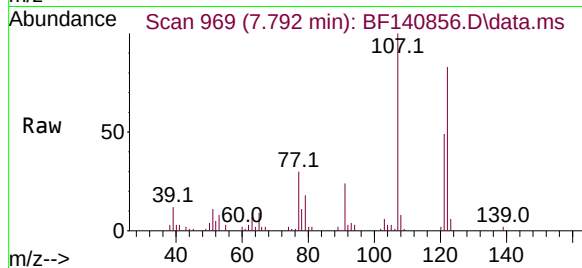
Tgt Ion:122 Resp: 16915

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

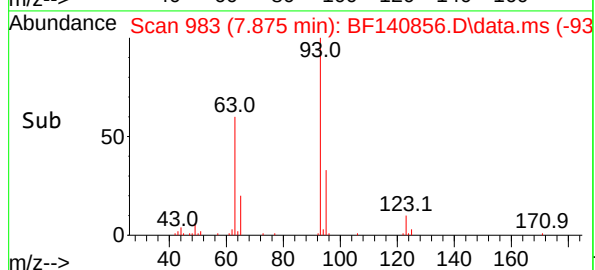
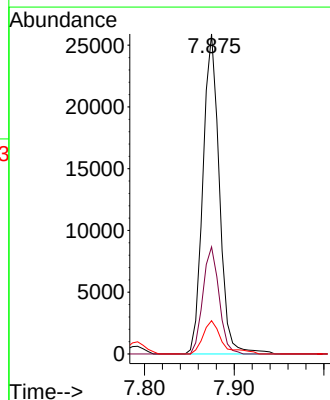
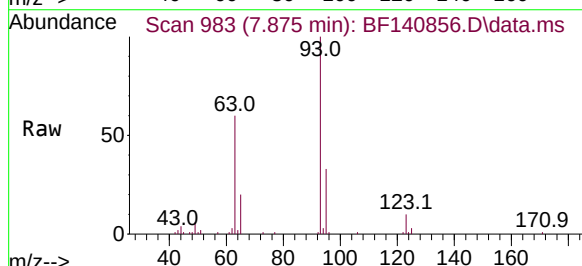
Tgt Ion: 93 Resp: 32959

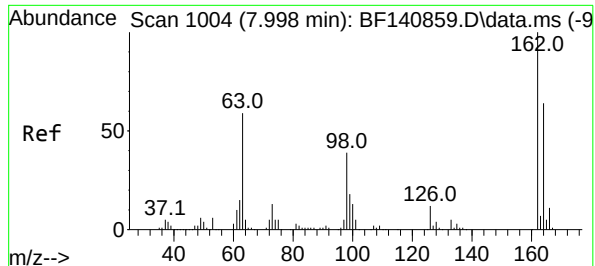
Ion Ratio Lower Upper

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

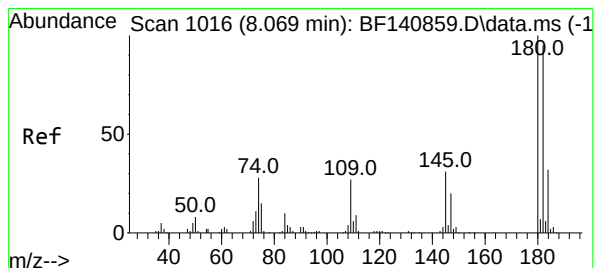
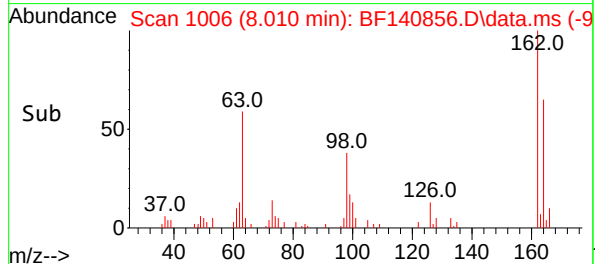
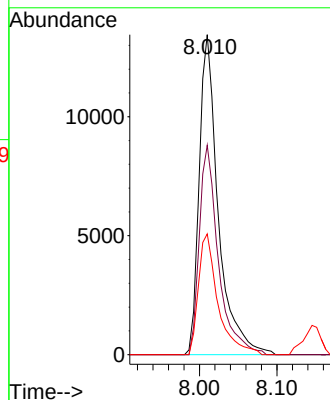
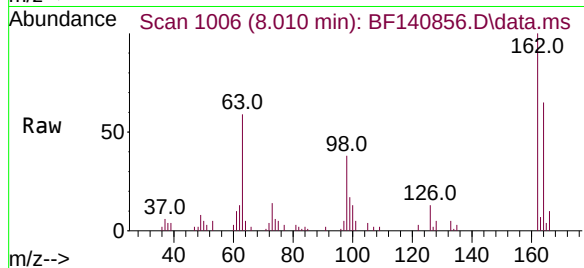
Tgt Ion:162 Resp: 22982

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

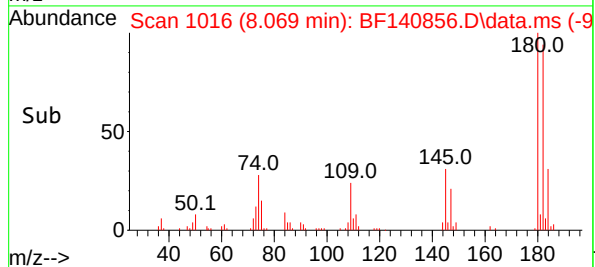
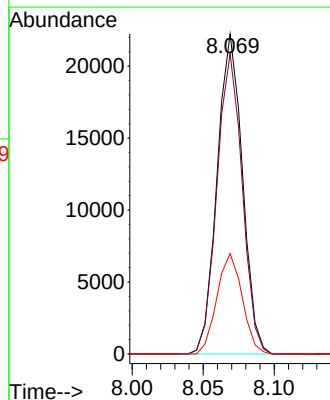
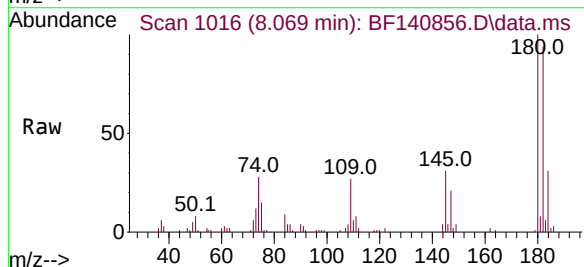
Tgt Ion:180 Resp: 27533

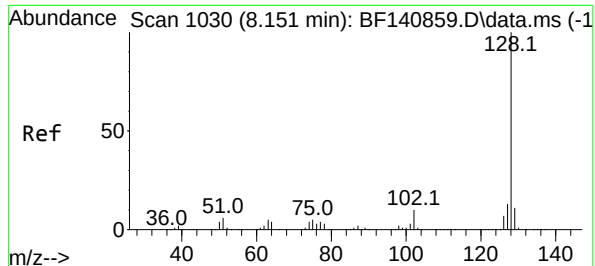
Ion Ratio Lower Upper

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

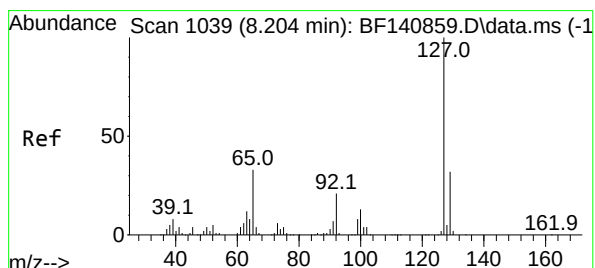
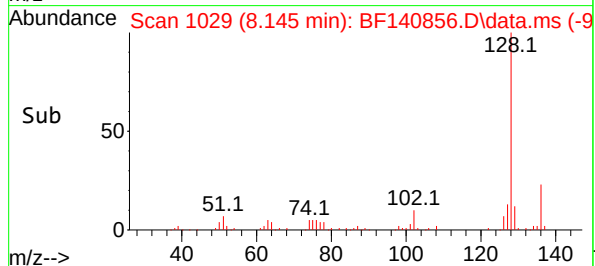
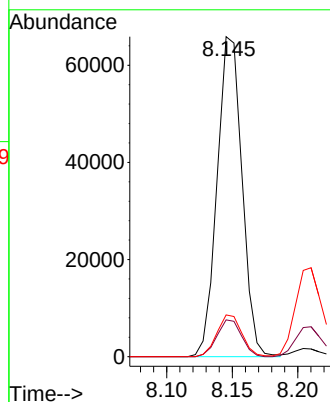
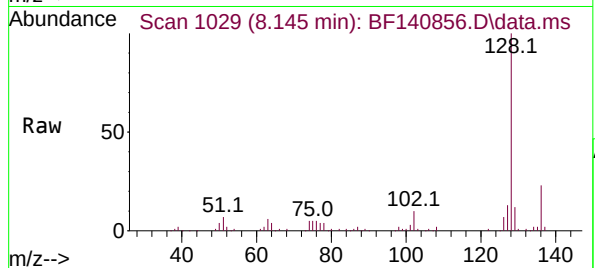
Tgt Ion:128 Resp: 87082

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

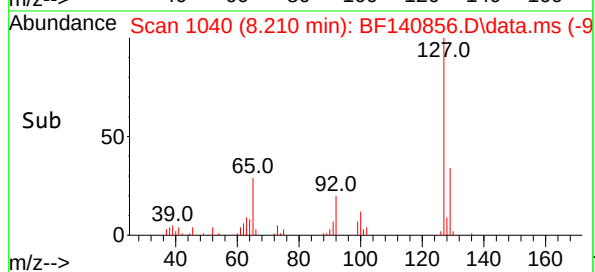
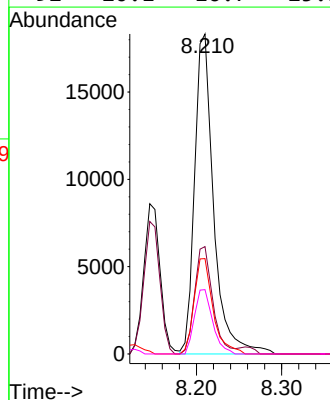
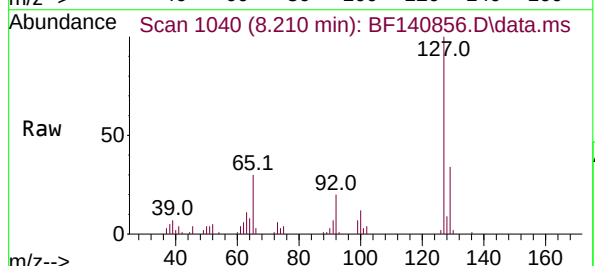
Ion Ratio Lower Upper

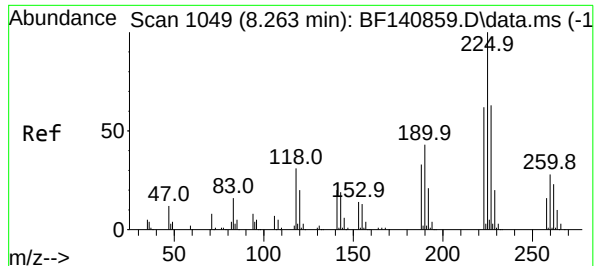
127 100

129 33.5 26.0 39.0

65 29.8 26.0 39.0

92 20.1 16.7 25.1

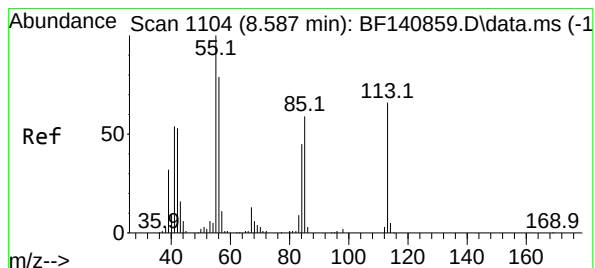
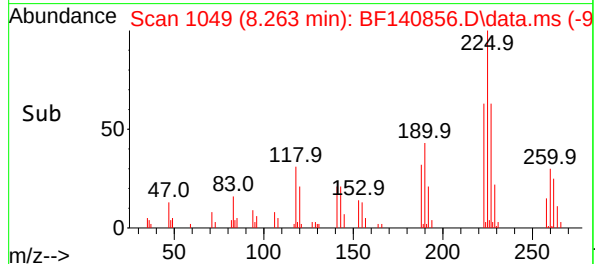
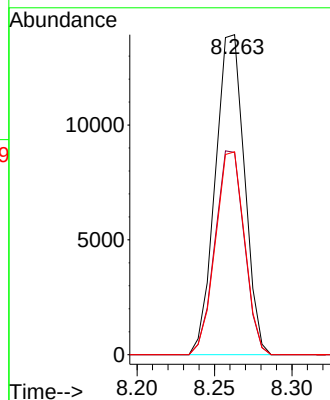
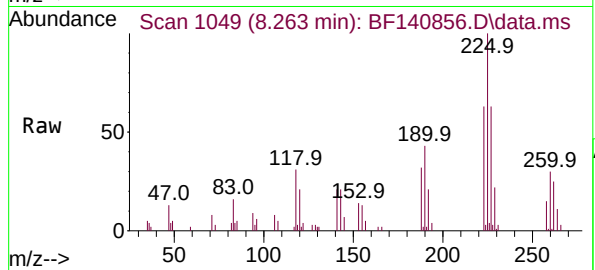




#34
Hexachlorobutadiene
Concen: 5.096 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

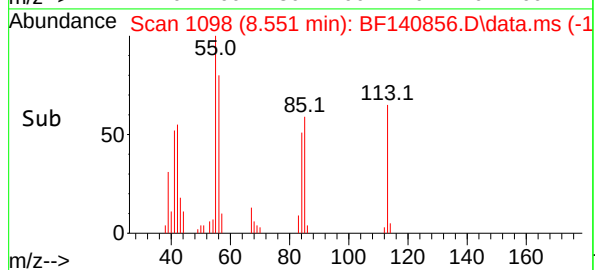
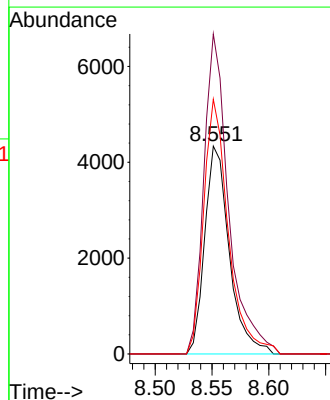
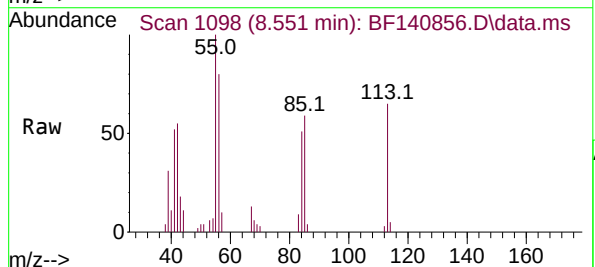
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

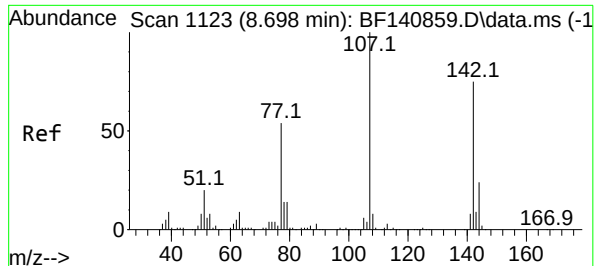
Tgt Ion:225 Resp: 18296
Ion Ratio Lower Upper
225 100
223 63.2 49.6 74.4
227 63.4 50.7 76.1



#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

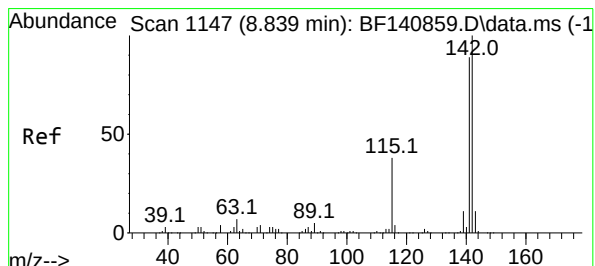
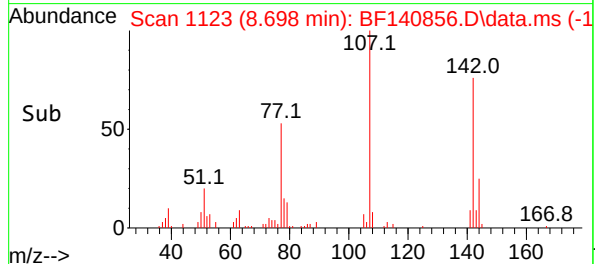
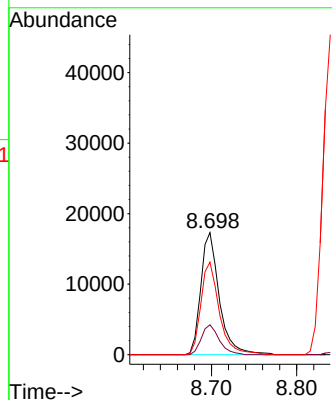
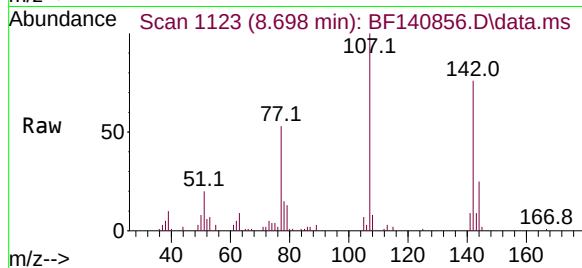




#36
4-Chloro-3-methylphenol
Concen: 4.989 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

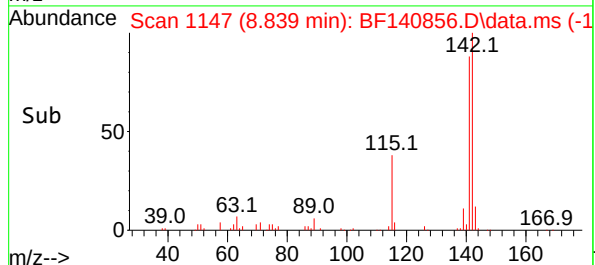
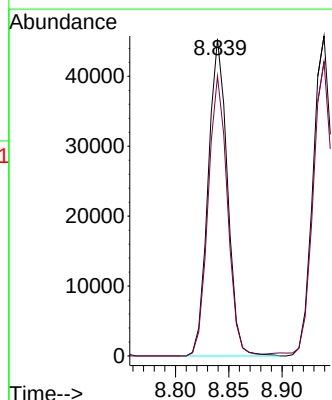
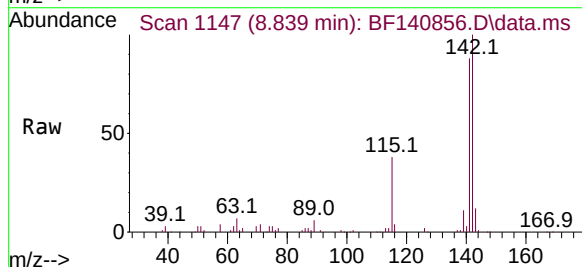
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

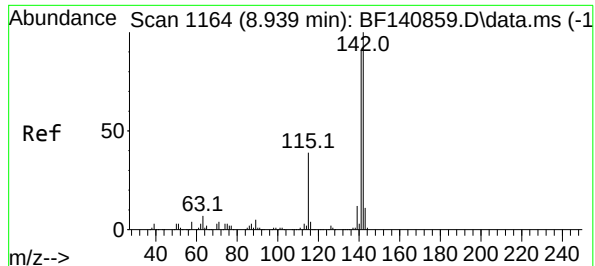
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.4	29.2
142	75.8	60.3	90.5



#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 :

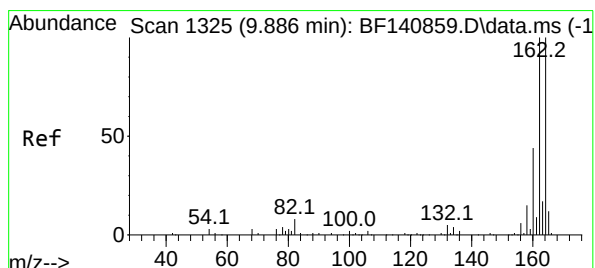
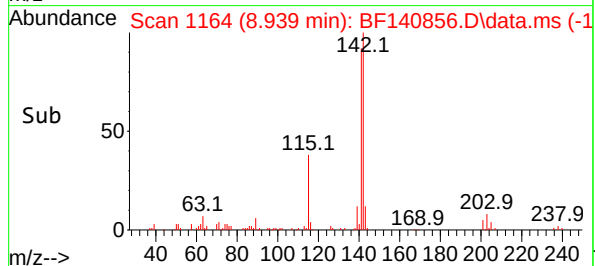
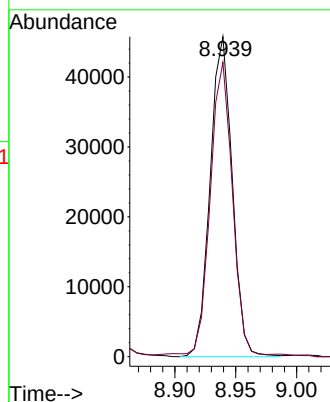
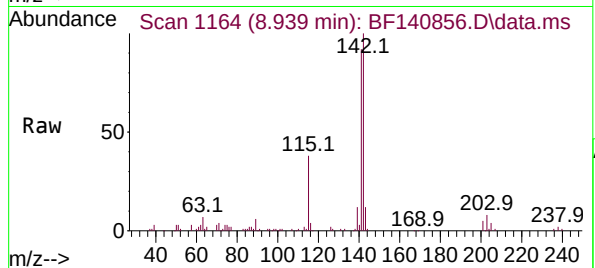
SSTDICC005

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

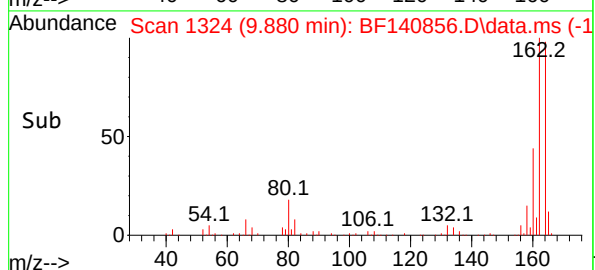
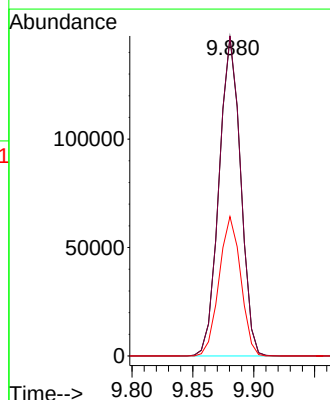
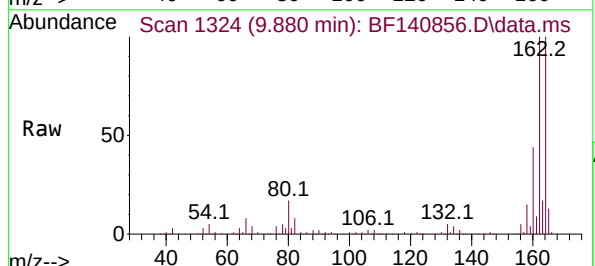
Tgt Ion:164 Resp: 181131

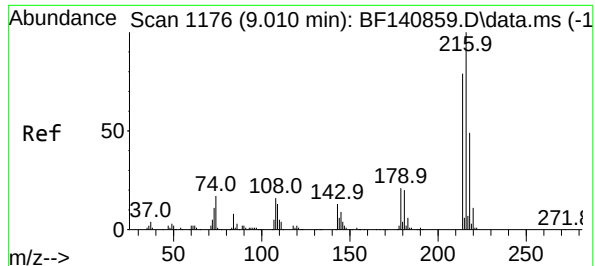
Ion Ratio Lower Upper

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# 1176

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

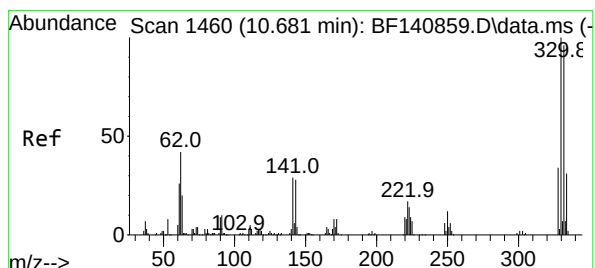
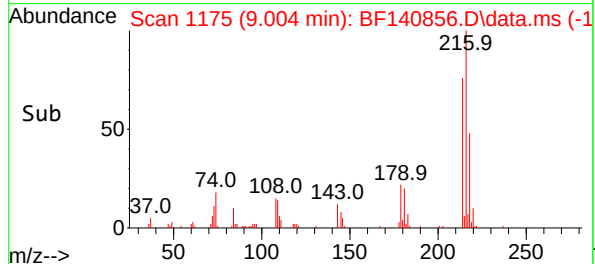
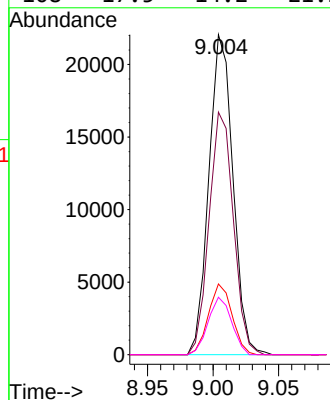
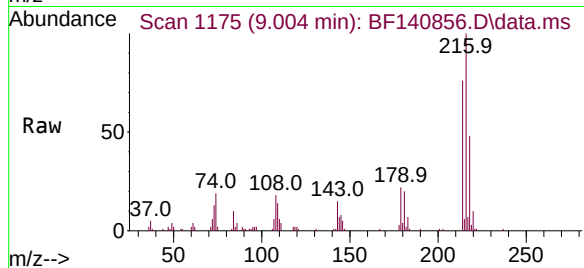
Ion Ratio Lower Upper

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

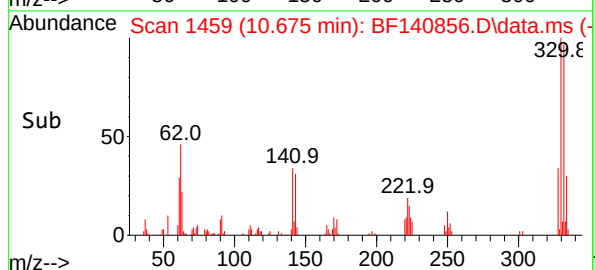
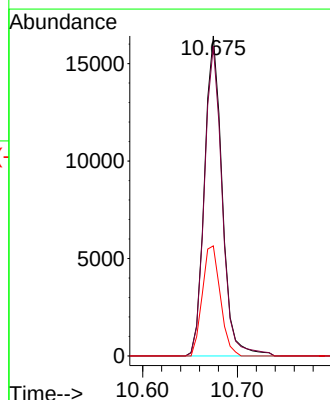
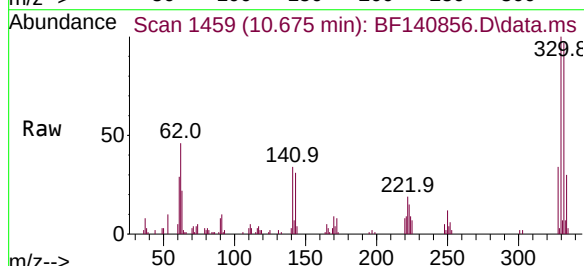
Tgt Ion:330 Resp: 21315

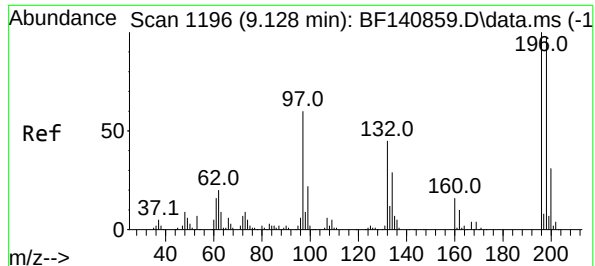
Ion Ratio Lower Upper

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

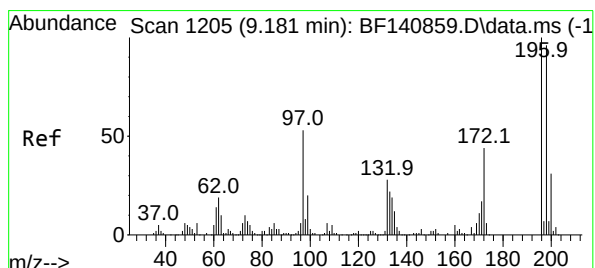
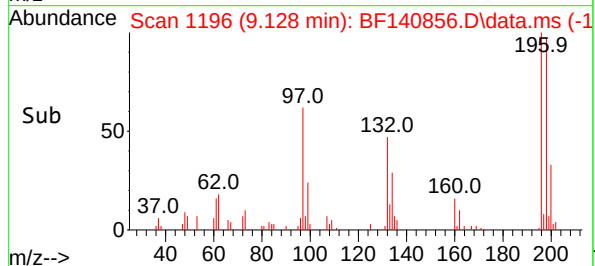
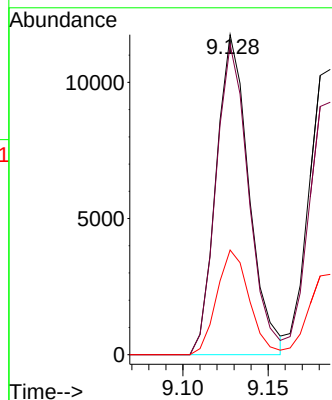
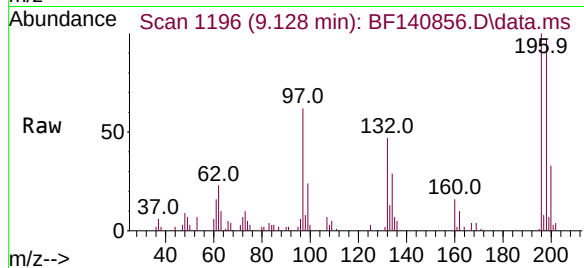
Tgt Ion:196 Resp: 15756

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

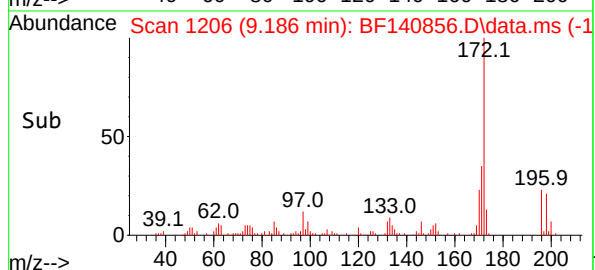
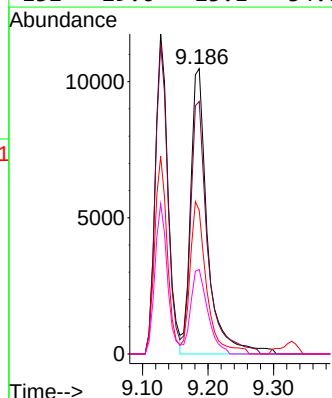
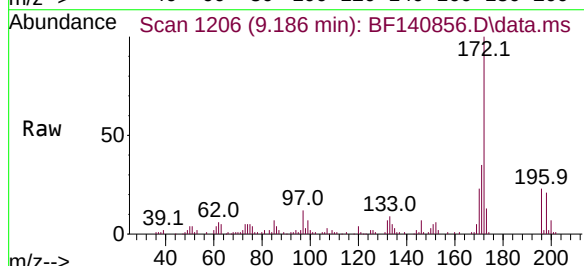
Ion Ratio Lower Upper

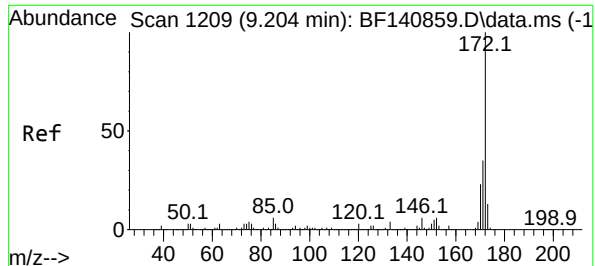
196 100

198 88.5 77.2 115.8

97 50.3 42.2 63.4

132 29.6 23.1 34.7

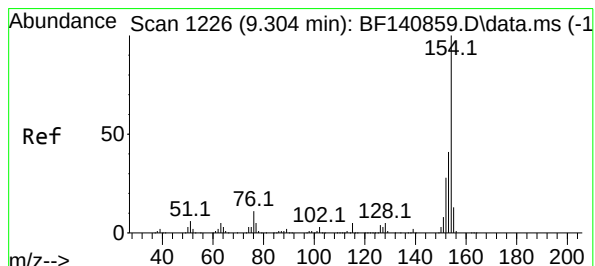
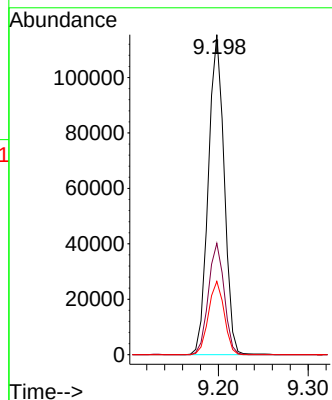
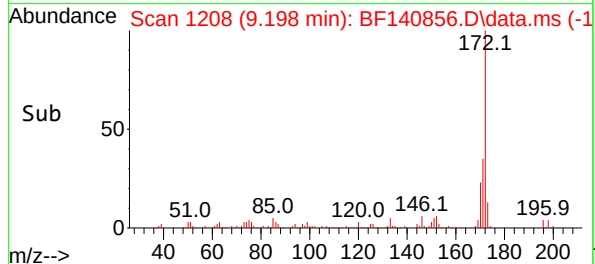
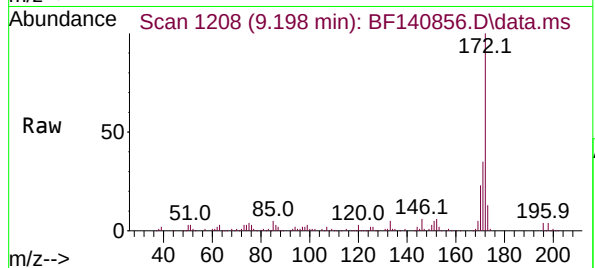




#45
2-Fluorobiphenyl
Concen: 10.726 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

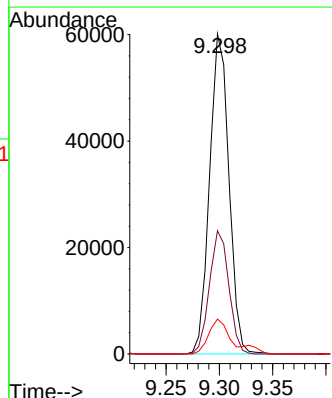
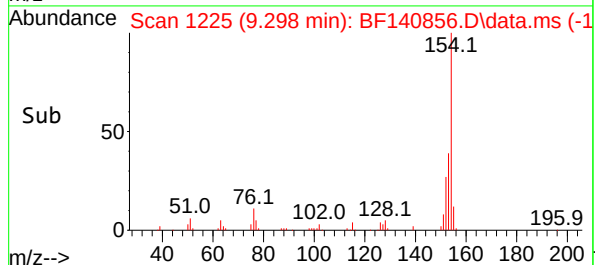
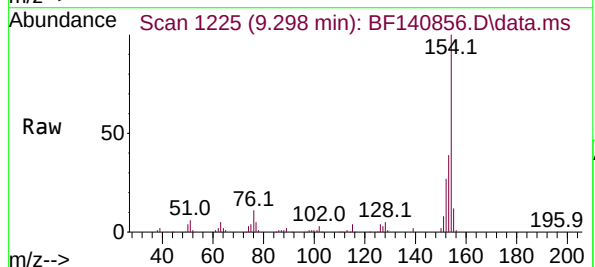
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

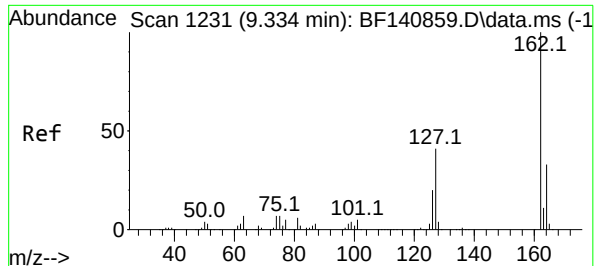
Tgt Ion:172 Resp: 141311
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 22.9 18.6 28.0



#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

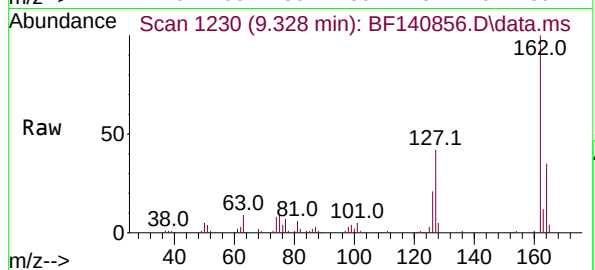
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



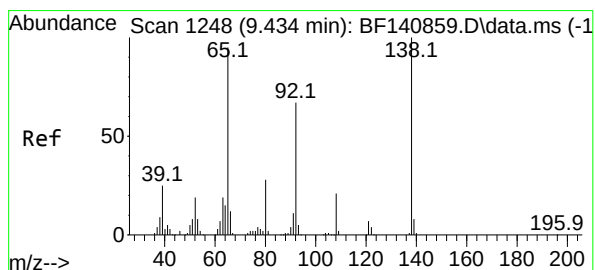
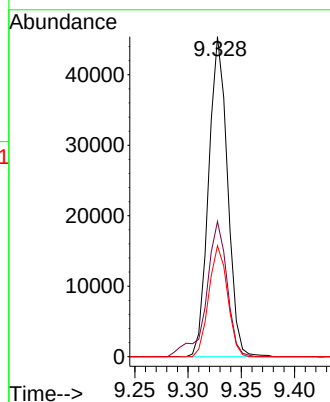
Tgt Ion:162 Resp: 55976

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

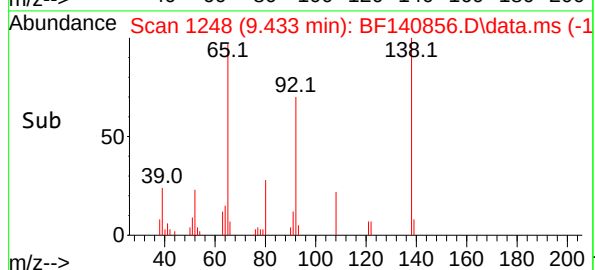
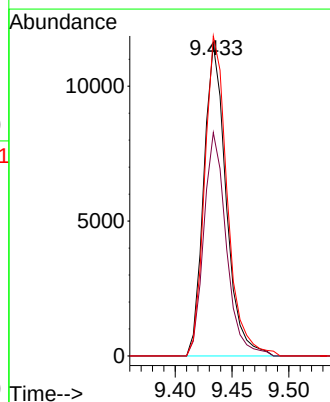
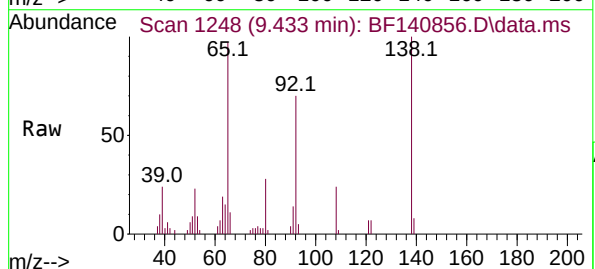
Tgt Ion: 65 Resp: 15829

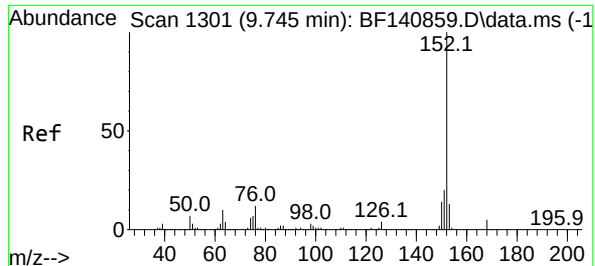
Ion Ratio Lower Upper

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

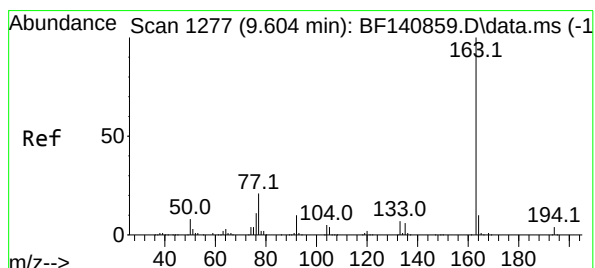
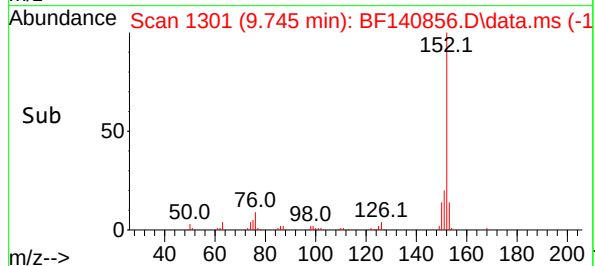
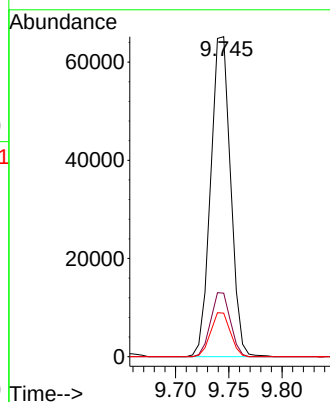
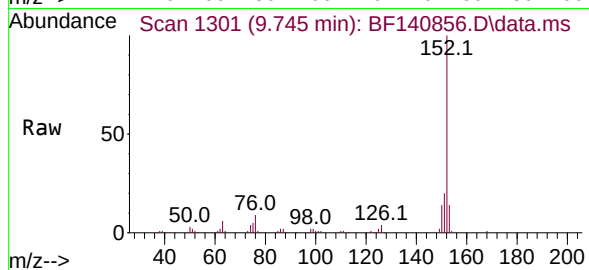
Tgt Ion:152 Resp: 84871

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

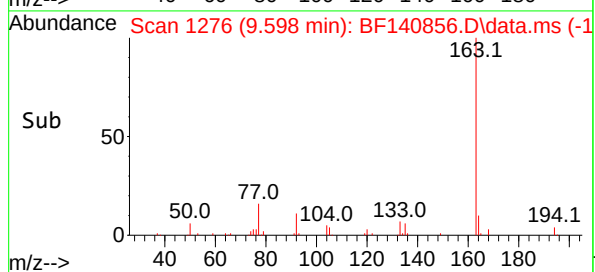
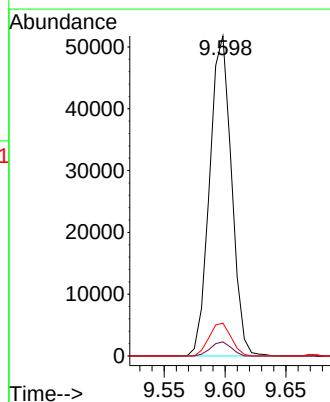
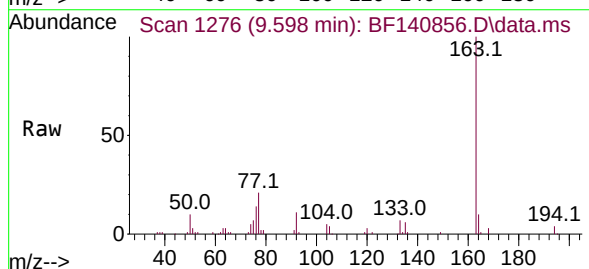
Tgt Ion:163 Resp: 64810

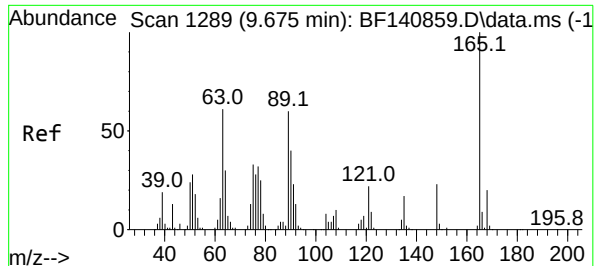
Ion Ratio Lower Upper

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

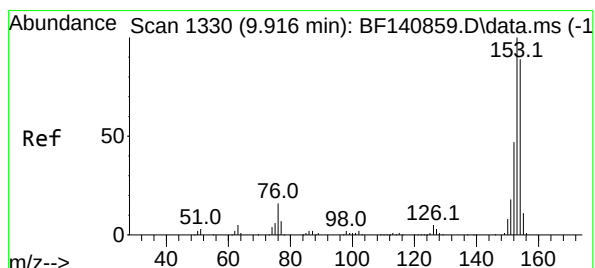
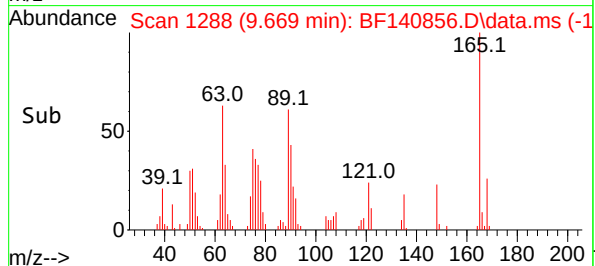
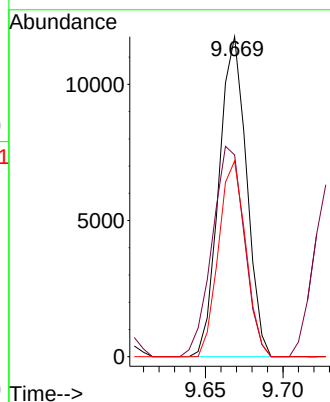
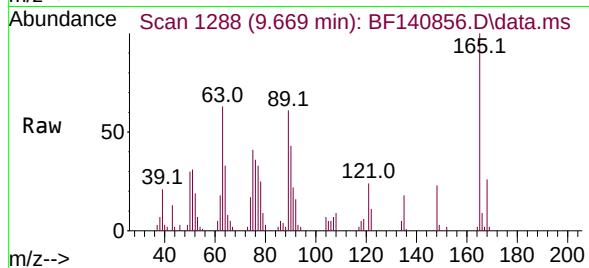
Tgt Ion:165 Resp: 14507

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

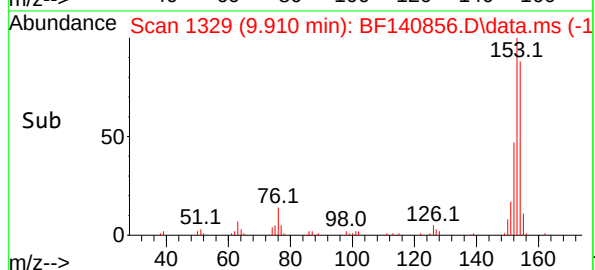
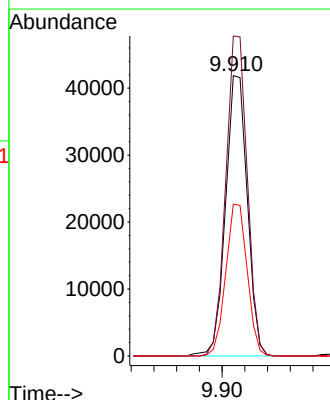
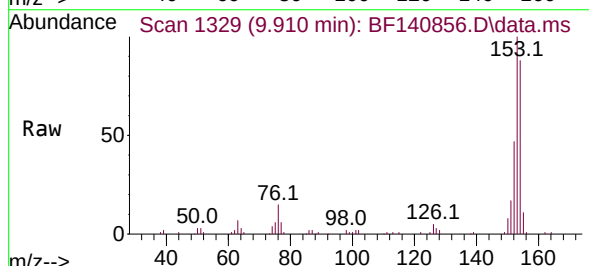
Tgt Ion:154 Resp: 55626

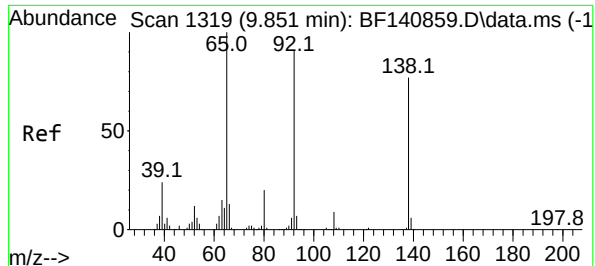
Ion Ratio Lower Upper

154 100

153 114.2 89.9 134.9

152 54.2 42.6 63.8

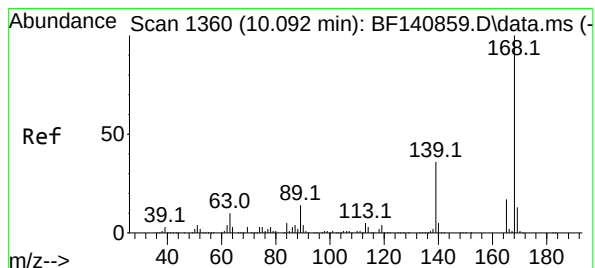
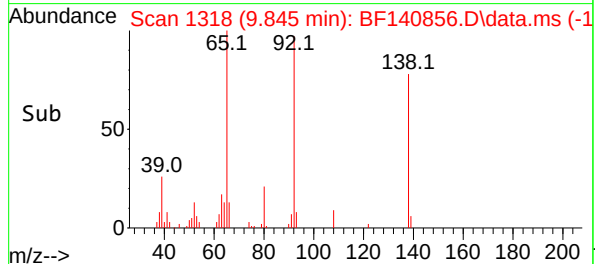
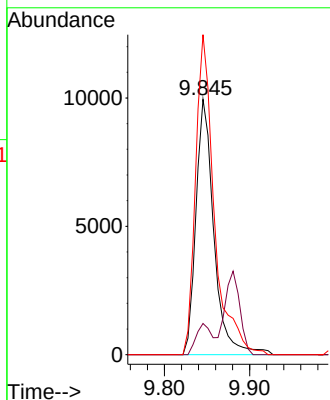
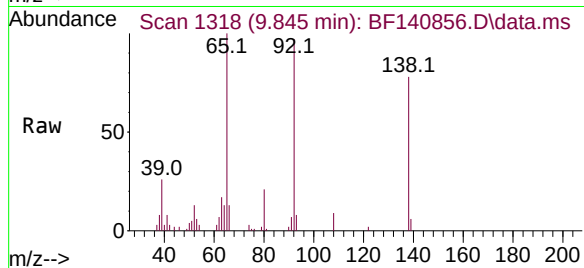




#53
3-Nitroaniline
Concen: 5.034 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

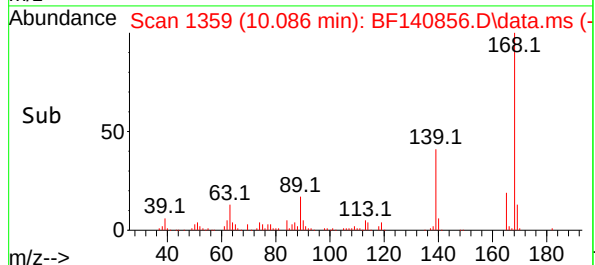
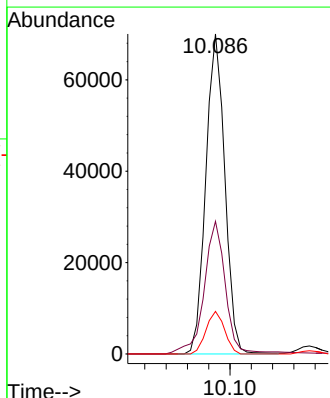
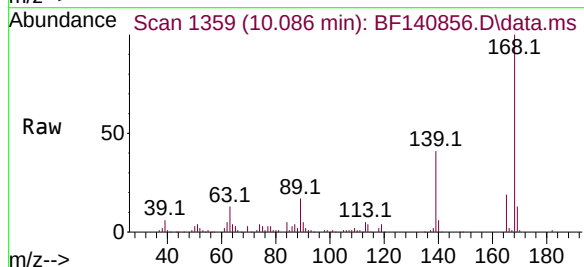
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

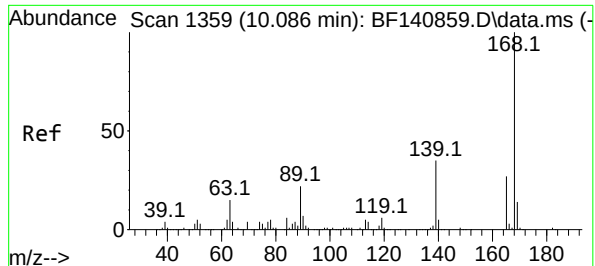
Tgt Ion:138 Resp: 14583
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 125.3 95.5 143.3



#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

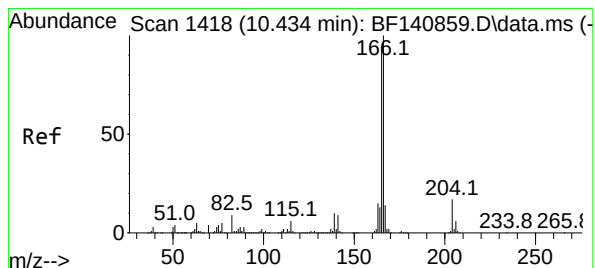
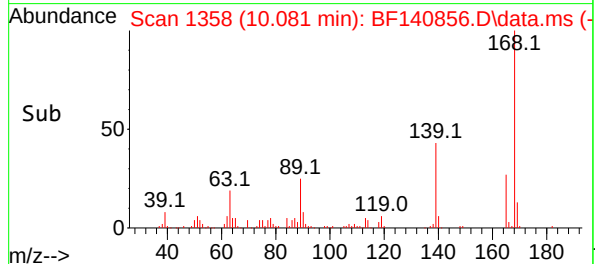
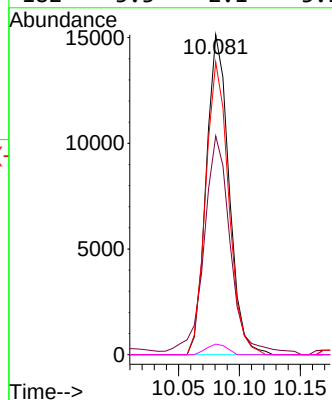
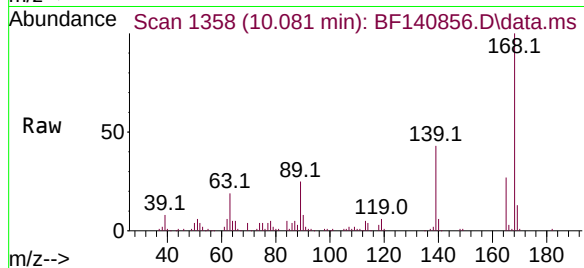




#57
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

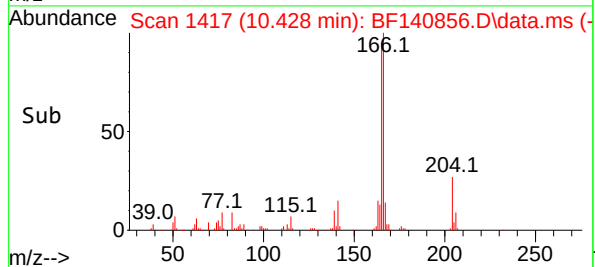
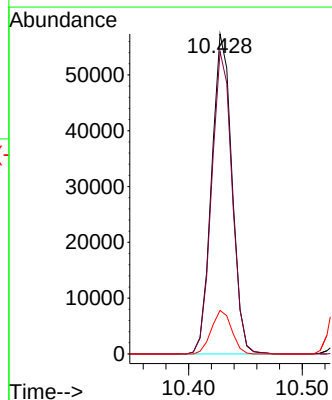
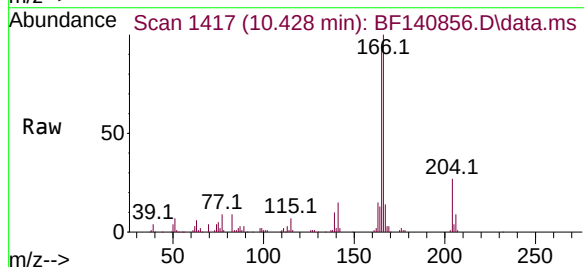
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

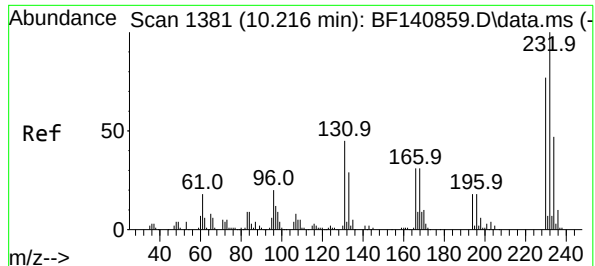
Tgt Ion:165 Resp: 19701
Ion Ratio Lower Upper
165 100
63 68.4 49.3 73.9
89 91.4 66.2 99.4
182 3.3 2.1 3.1#



#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

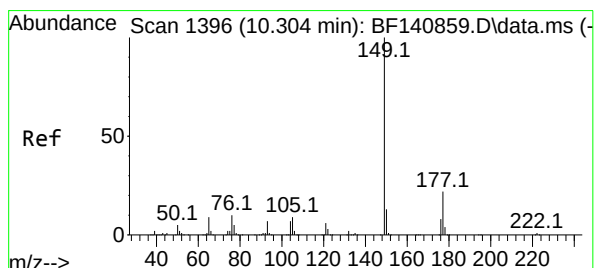
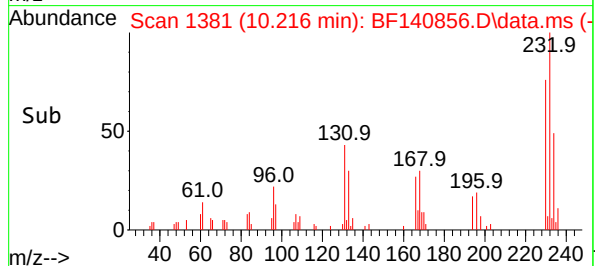
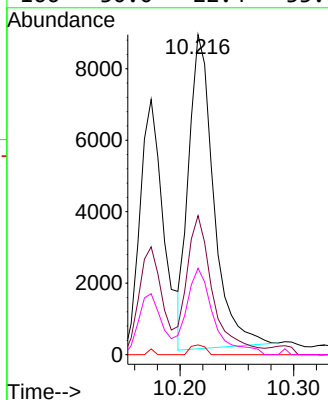
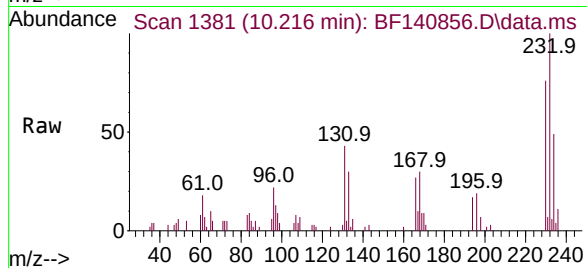




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.400 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

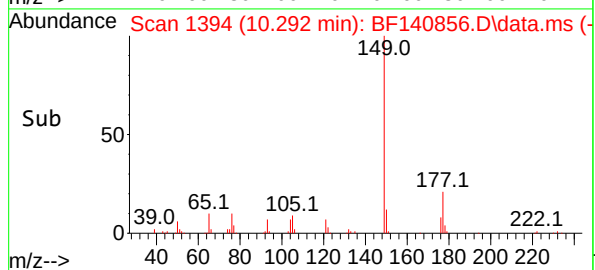
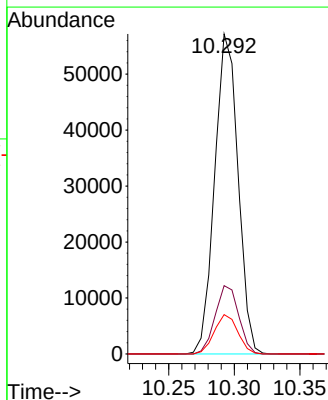
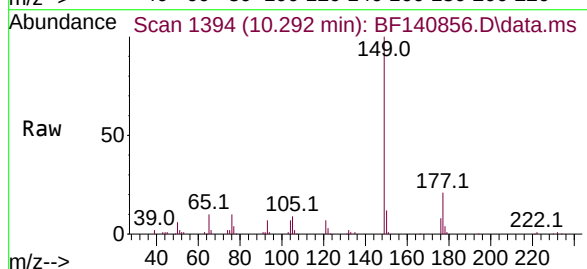
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

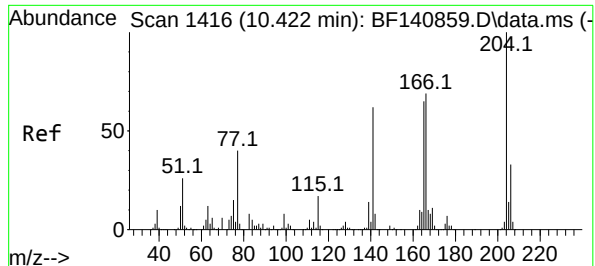
Tgt Ion:232 Resp: 13434
Ion Ratio Lower Upper
232 100
131 47.8 35.1 52.7
130 1.9 1.8 2.8
166 30.0 22.4 33.6



#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

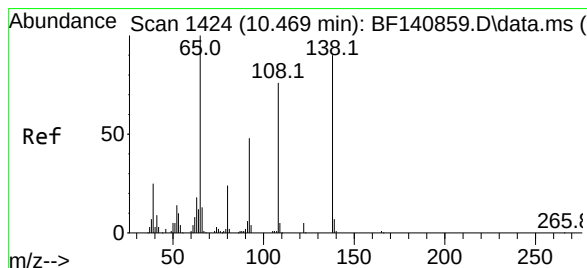
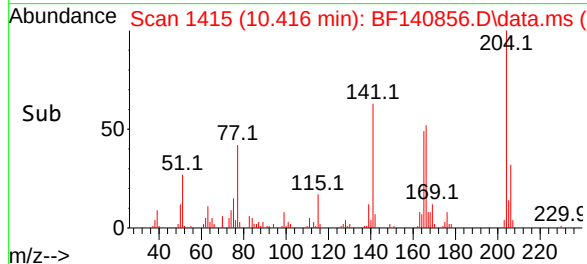
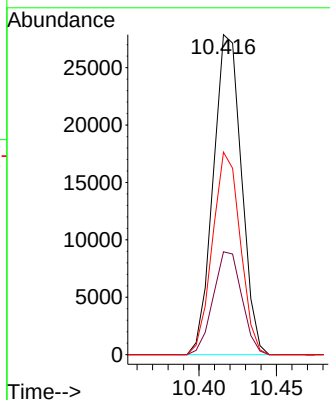
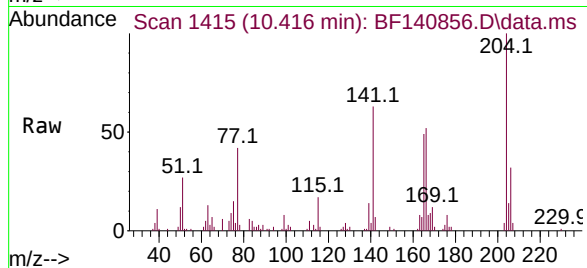




#61
4-Chlorophenyl-phenylether
Concen: 5.315 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

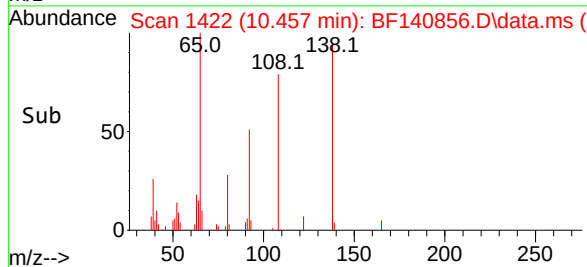
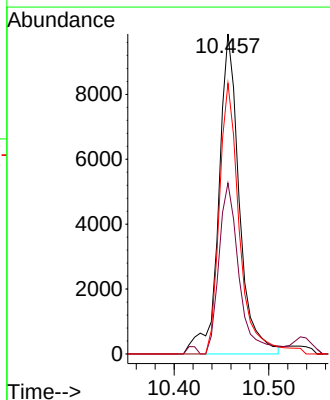
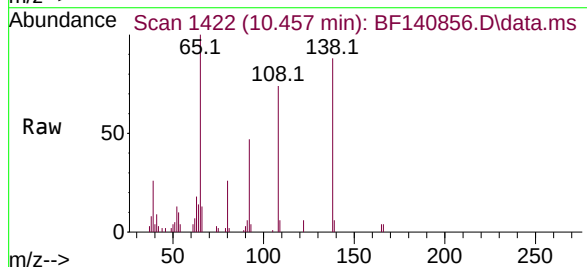
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

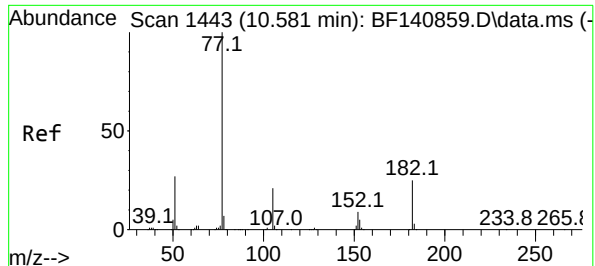
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	63.3	50.0	75.0



#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	Ratio	Lower	Upper
138	100		
92	53.4	32.6	72.6
108	84.6	64.1	104.1

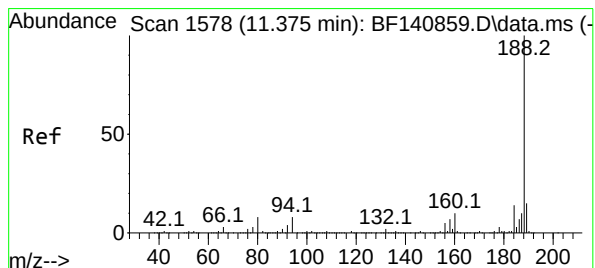
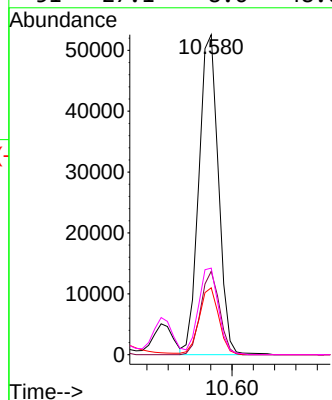
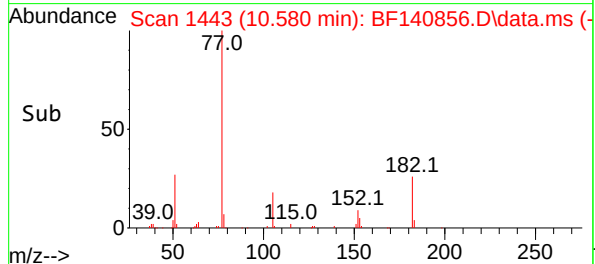
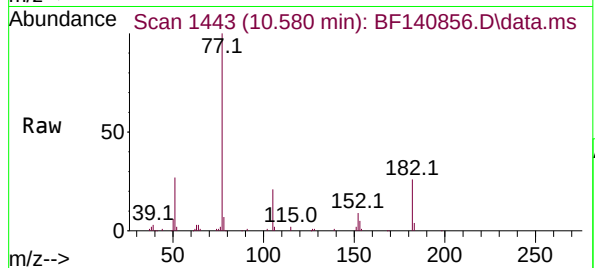




#63
Azobenzene
Concen: 5.391 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

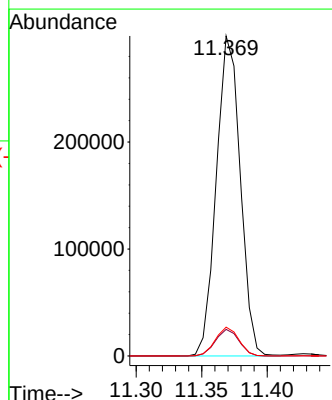
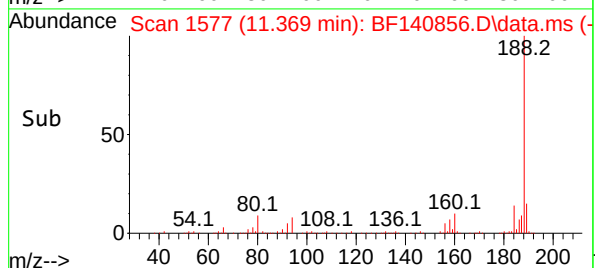
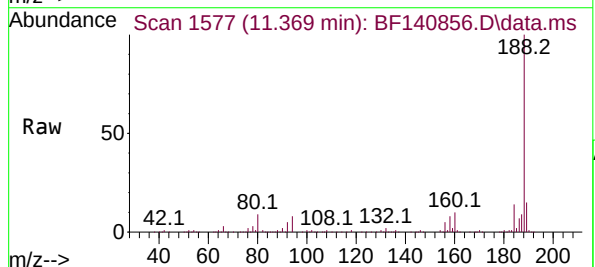
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

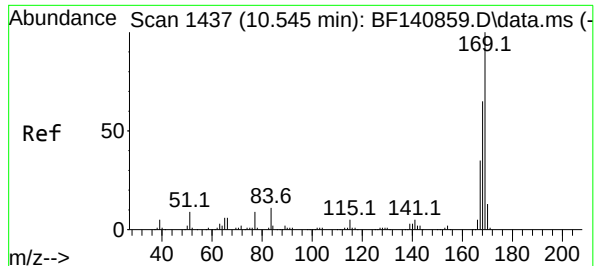
Tgt Ion:	77	Resp:	67111
Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.5	44.5
105	20.9	0.9	40.9
51	27.1	8.6	48.6



#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

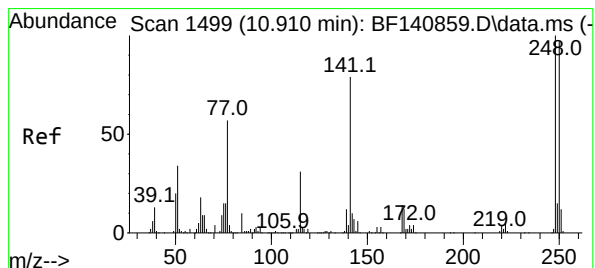
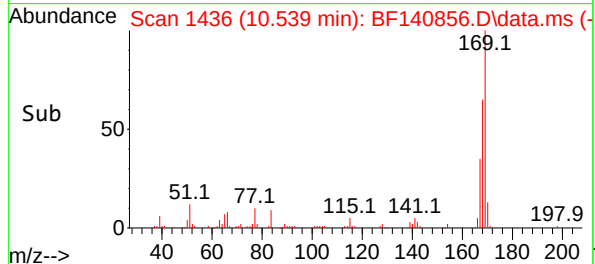
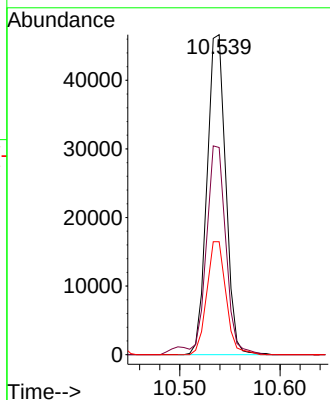
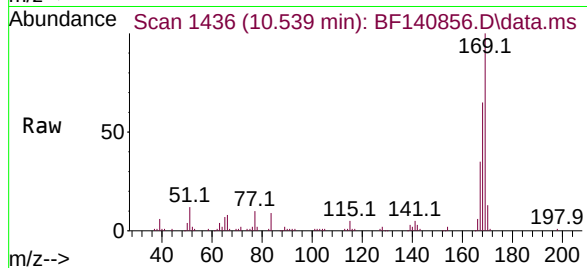




#66
n-Nitrosodiphenylamine
Concen: 5.196 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

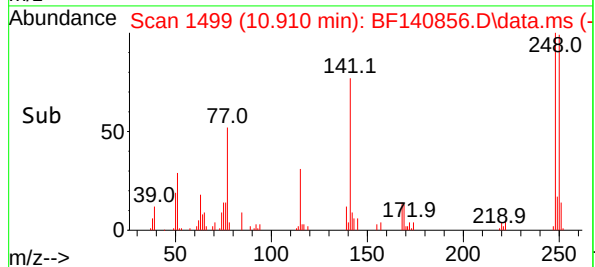
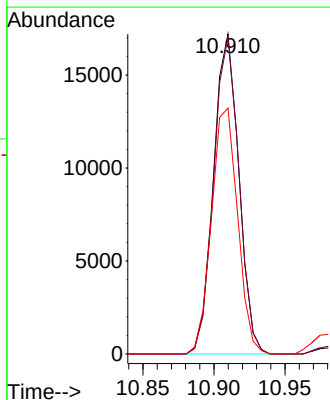
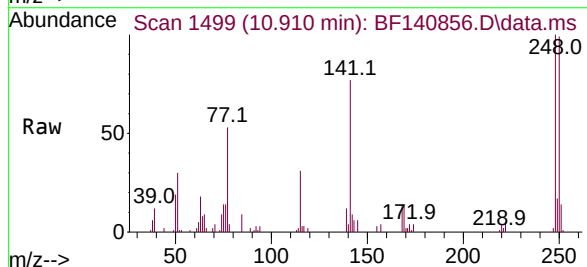
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

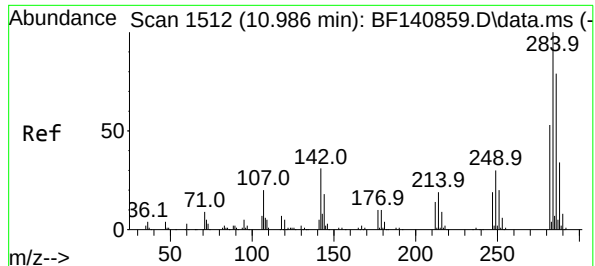
Tgt Ion:169 Resp: 60581
Ion Ratio Lower Upper
169 100
168 64.7 53.4 80.0
167 35.3 28.3 42.5



#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

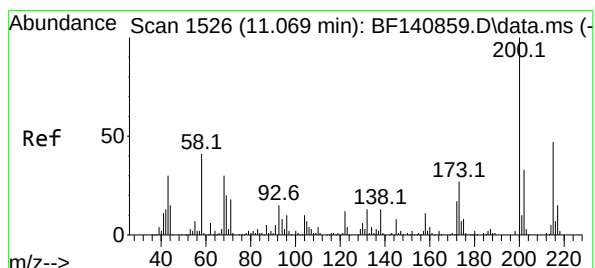
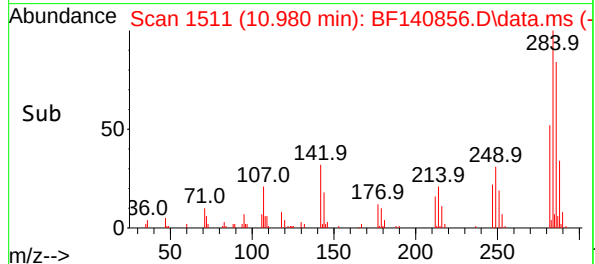
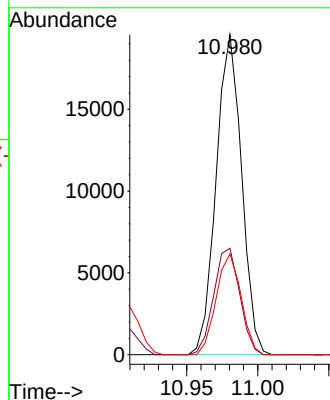
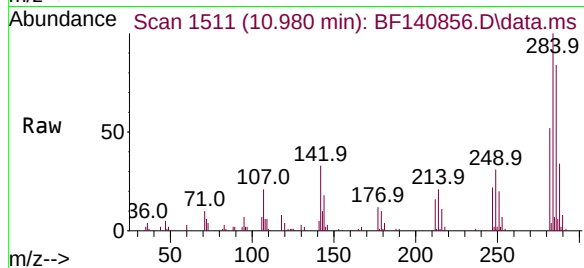




#68
Hexachlorobenzene
Concen: 5.066 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

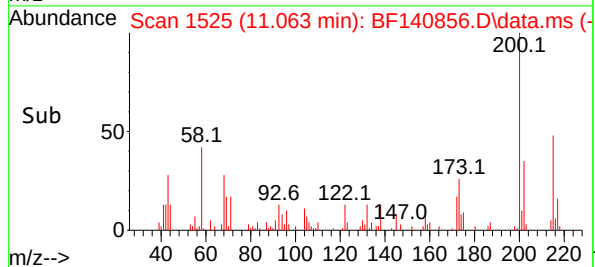
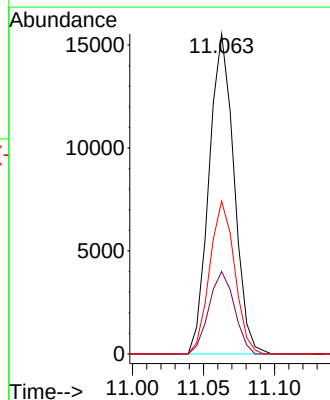
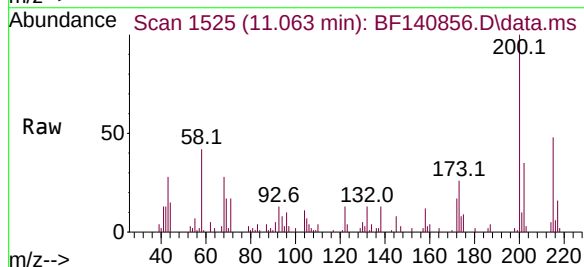
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

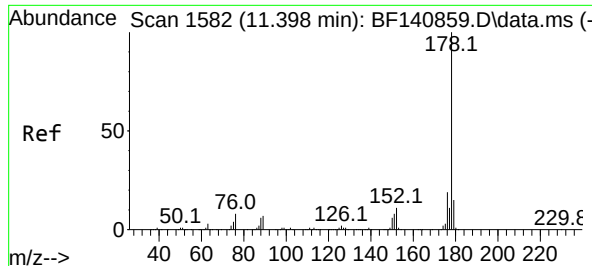
Tgt Ion:284 Resp: 24367
Ion Ratio Lower Upper
284 100
142 33.3 24.6 36.8
249 31.5 24.3 36.5



#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

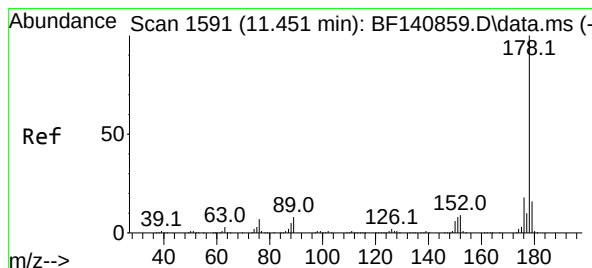
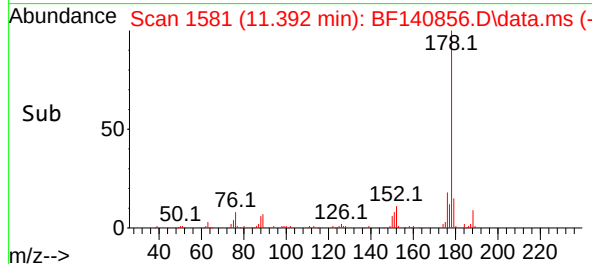
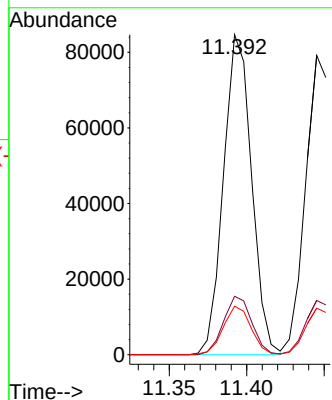
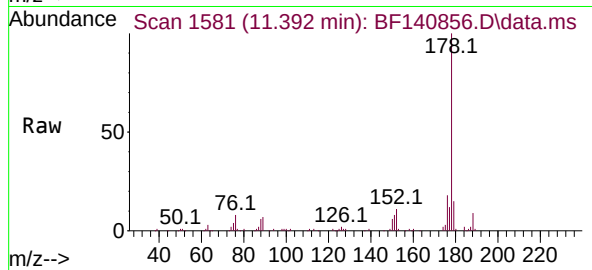




#71
Phenanthrene
Concen: 5.470 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

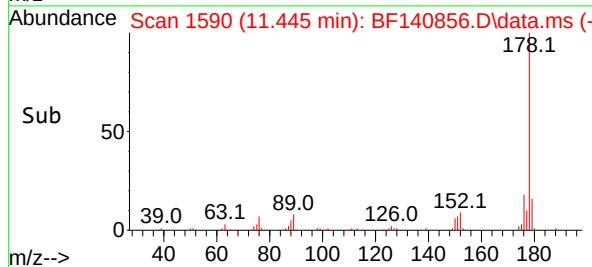
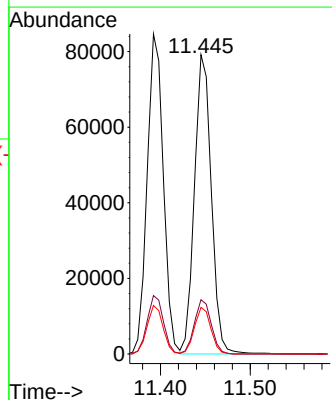
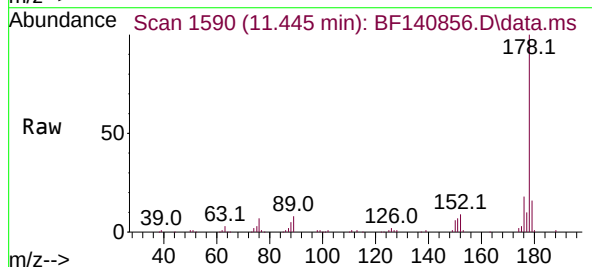
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

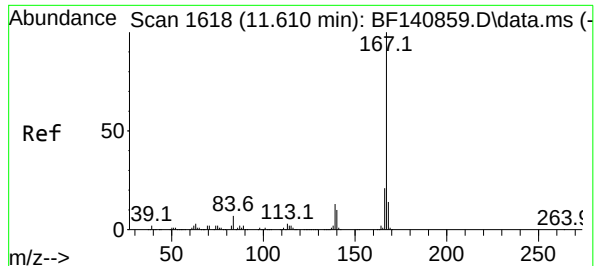
Tgt Ion:178 Resp: 106671
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.1 12.1 18.1



#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

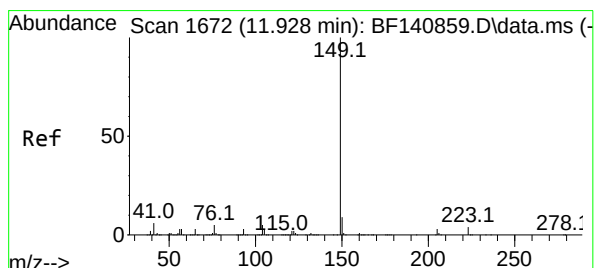
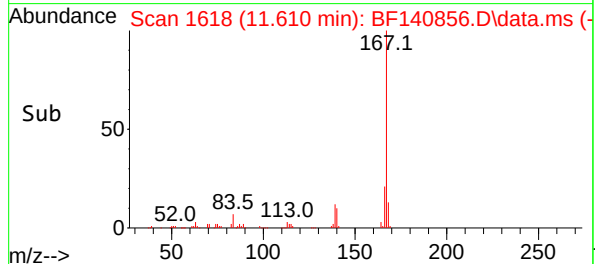
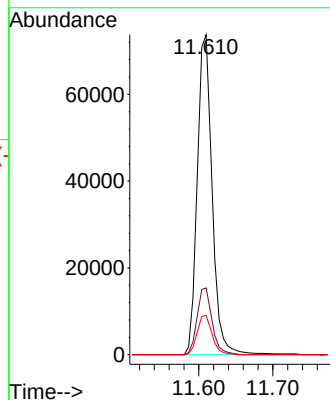
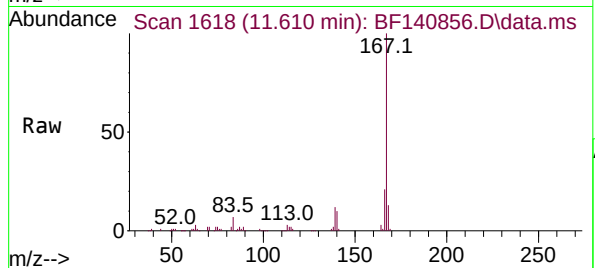




#73
Carbazole
Concen: 5.473 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

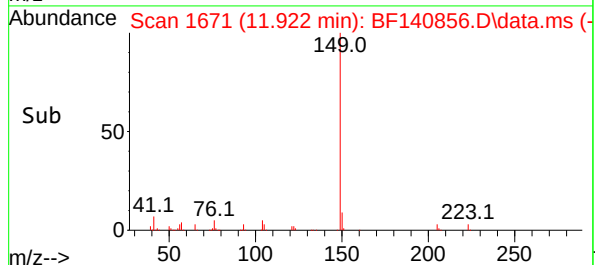
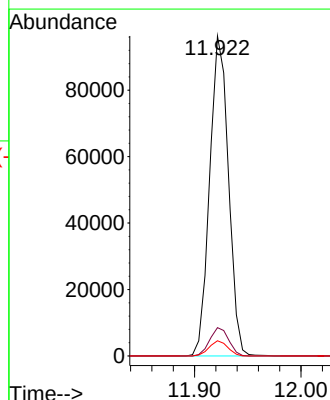
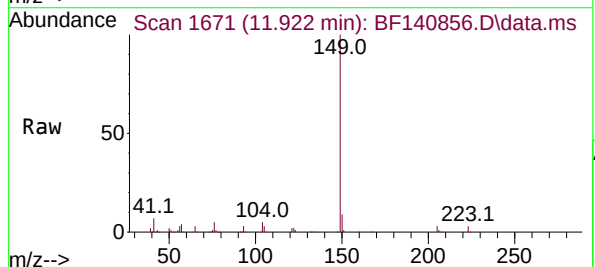
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

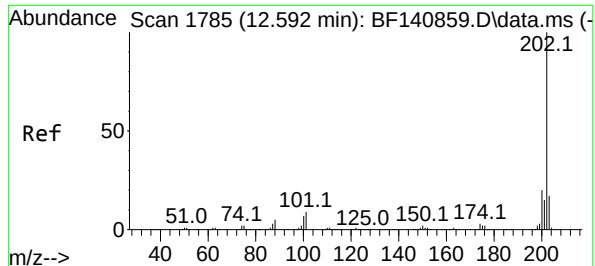
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.3	10.2	15.2



#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

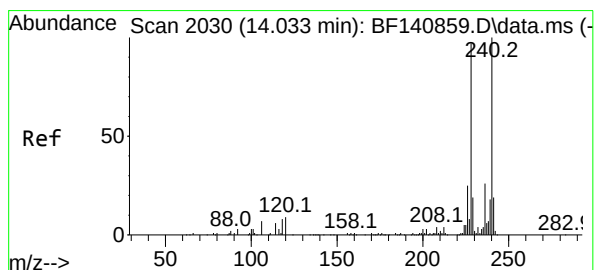
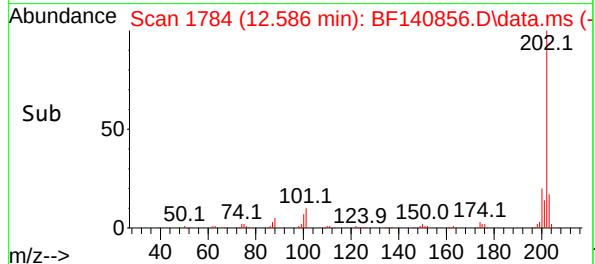
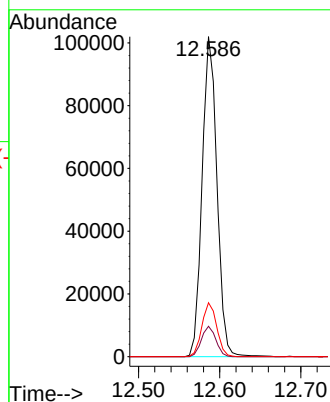
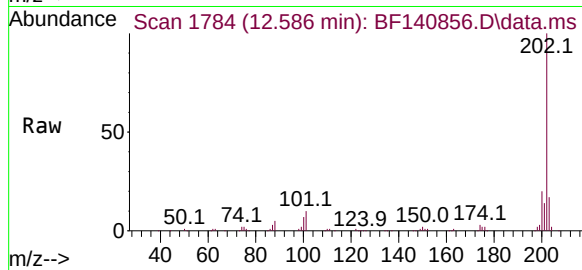




#75
Fluoranthene
Concen: 5.758 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

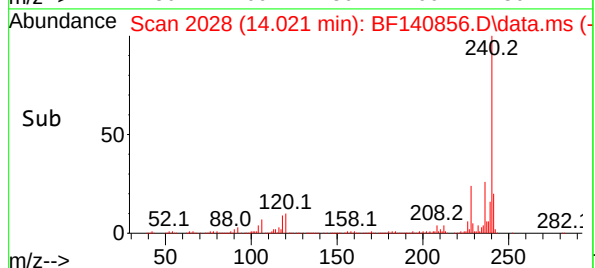
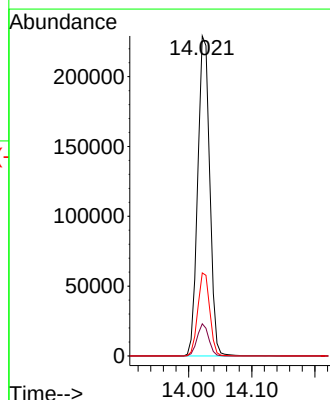
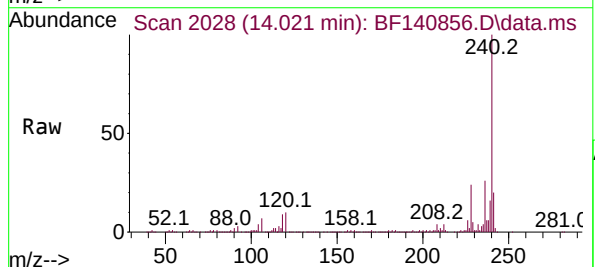
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

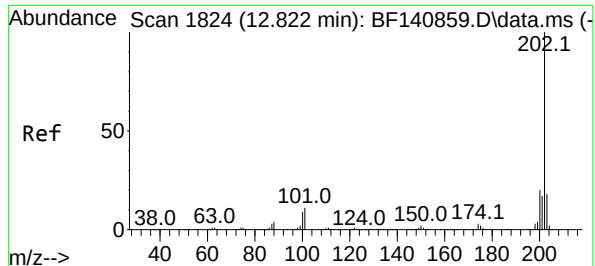
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	16.9	0.0	37.4



#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	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

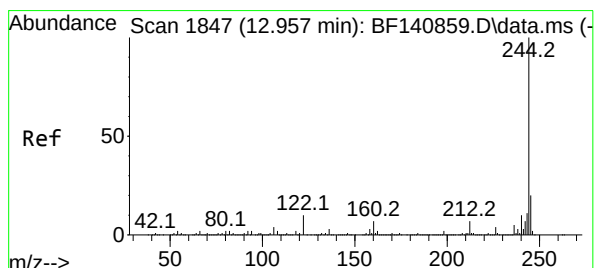
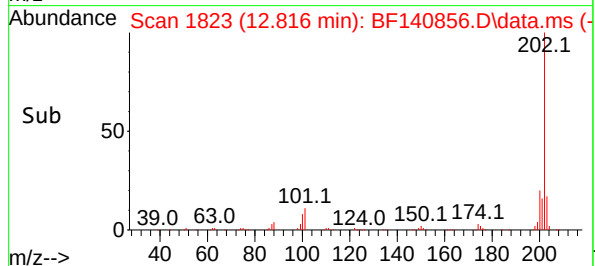
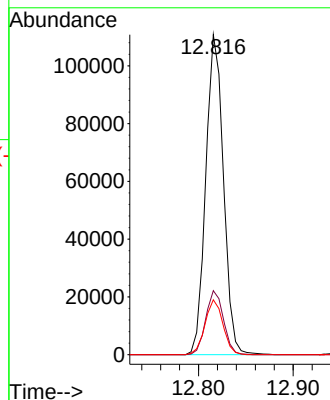
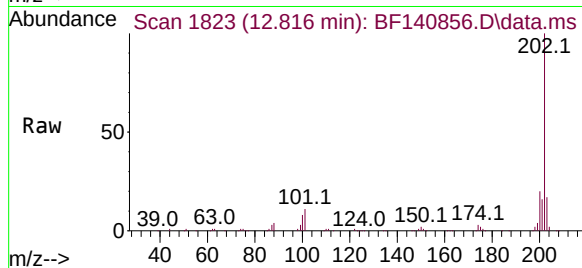
Tgt Ion:202 Resp: 143947

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

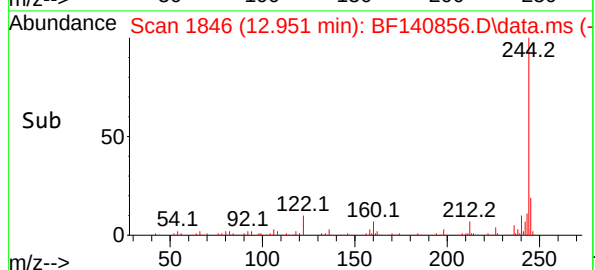
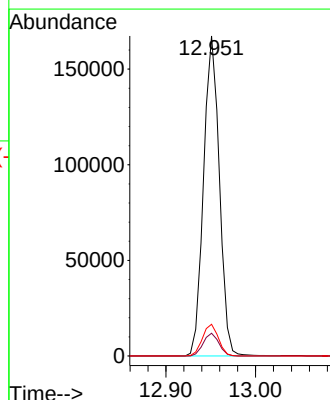
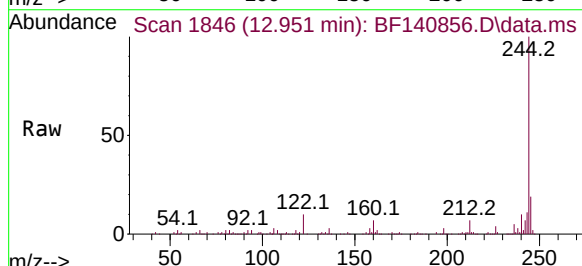
Tgt Ion:244 Resp: 204731

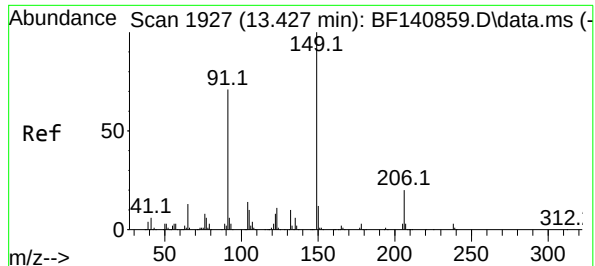
Ion Ratio Lower Upper

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

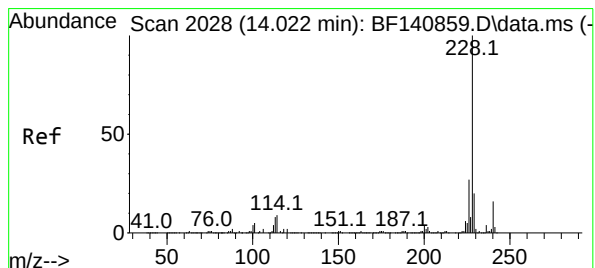
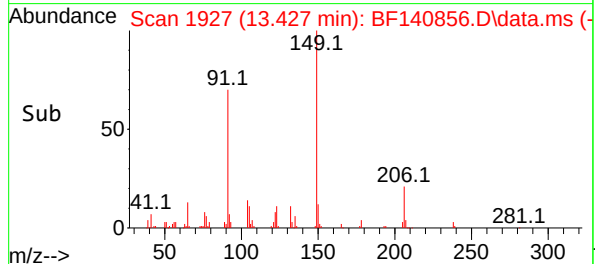
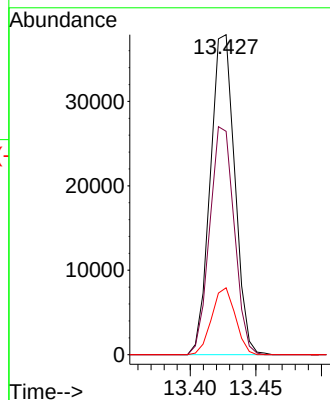
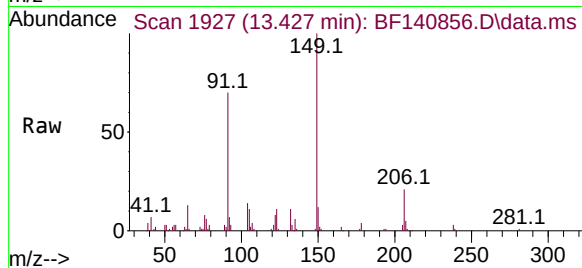
Instrument :

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

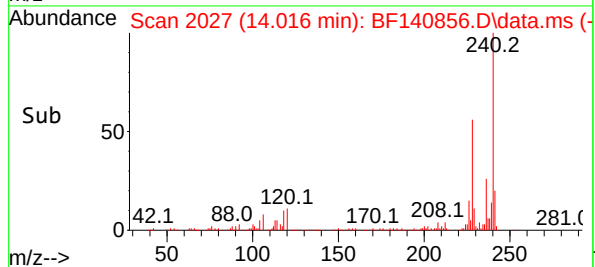
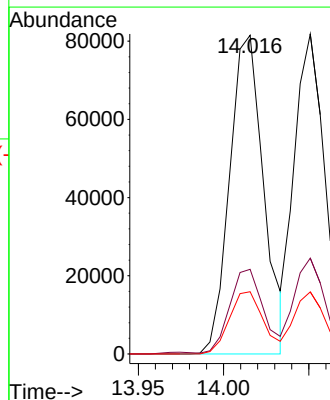
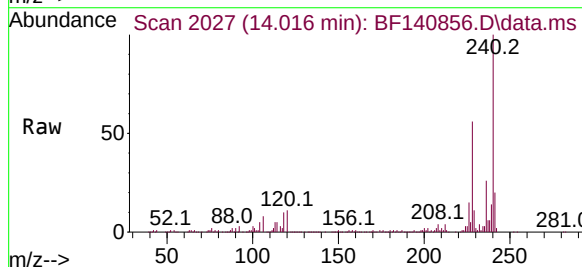
RT: 14.016 min Scan# 2027

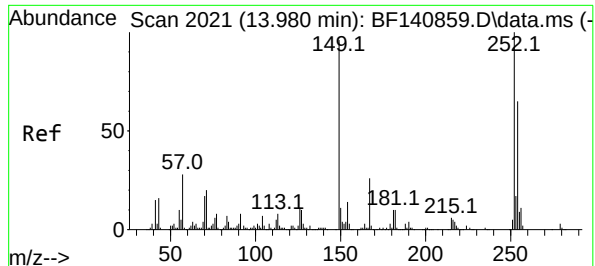
Delta R.T. -0.006 min

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 :

SSTDICC005

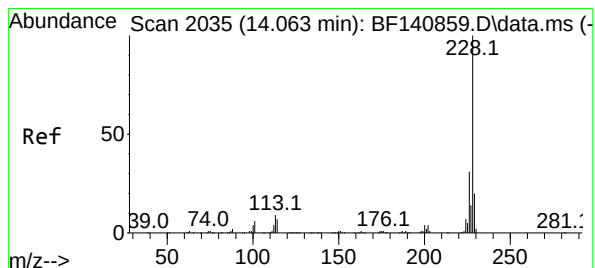
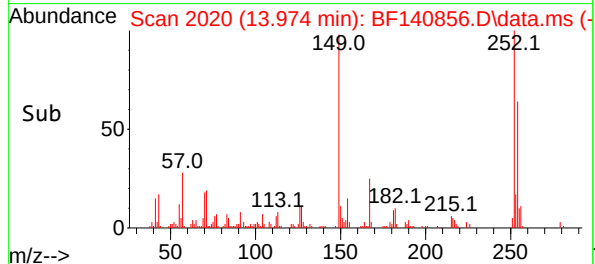
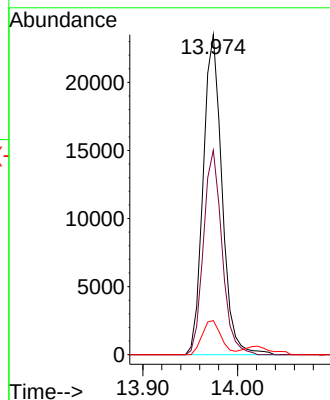
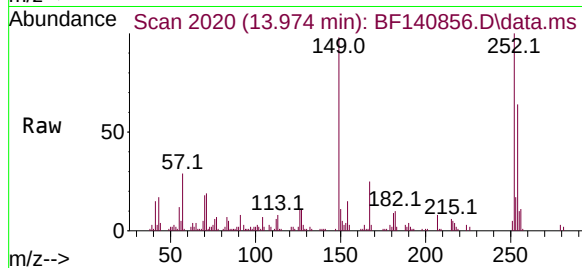
Tgt Ion:252 Resp: 32405

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

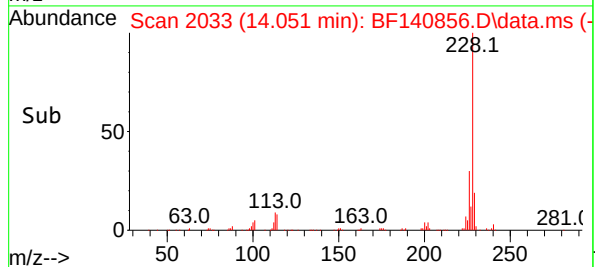
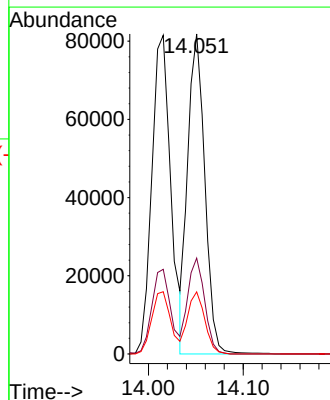
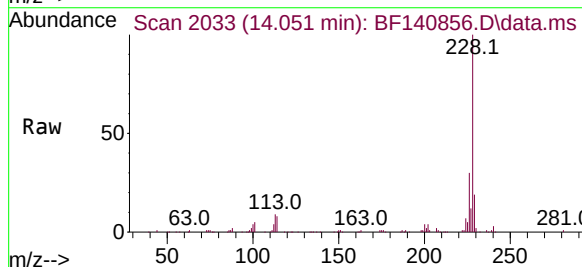
Tgt Ion:228 Resp: 102933

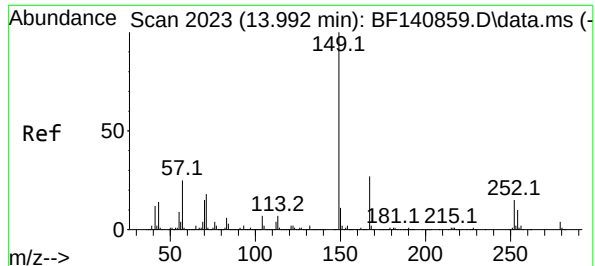
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.4 16.0 24.0

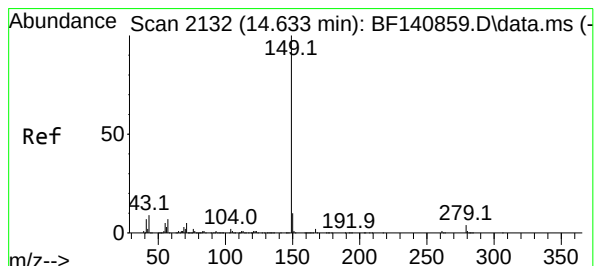
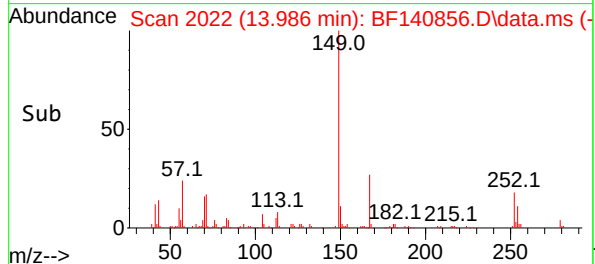
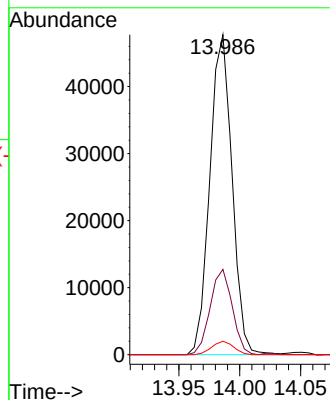
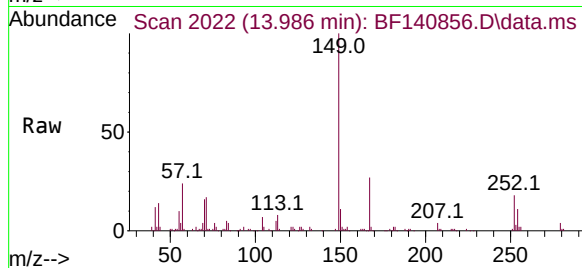




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.764 ng
RT: 13.986 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

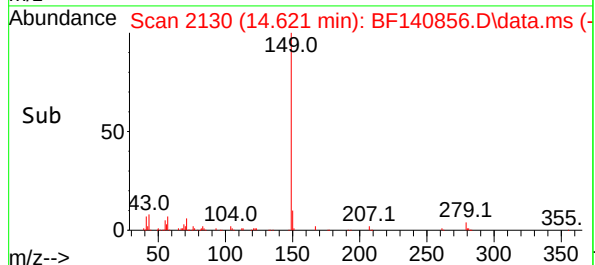
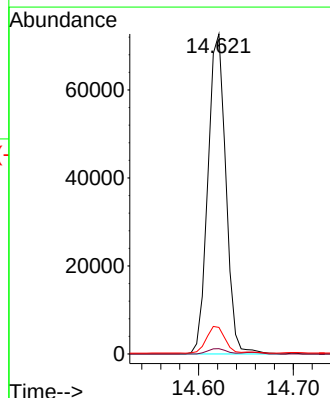
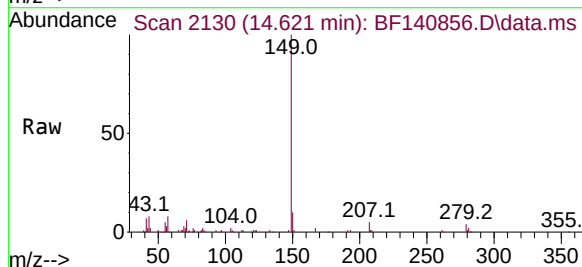
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

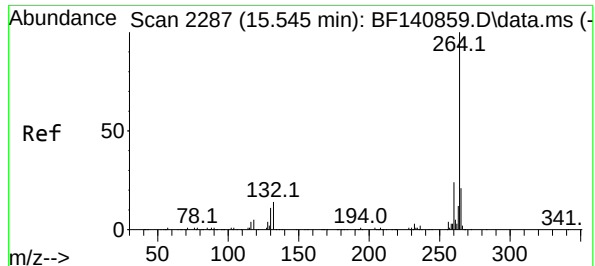
Tgt Ion:149 Resp: 60799
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 4.2 3.5 5.3



#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

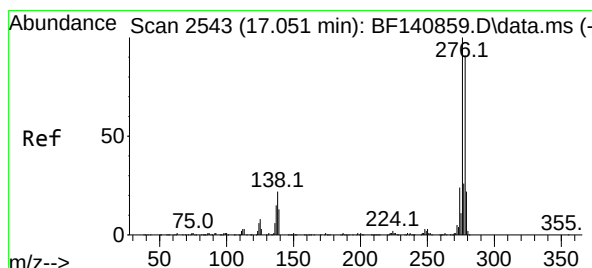
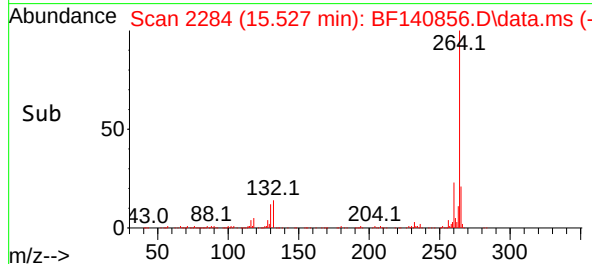
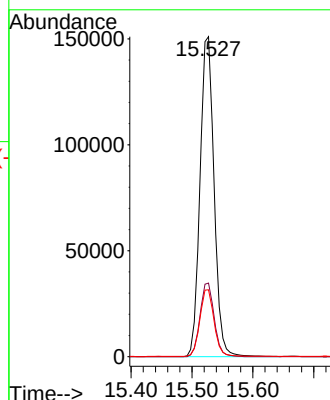
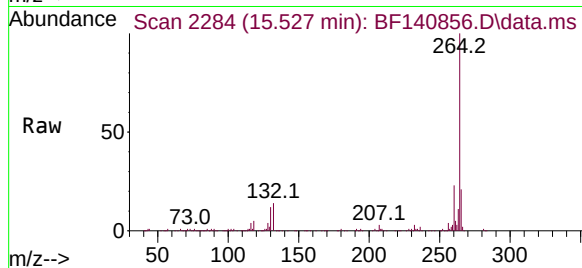




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140856.D
Acq: 16 Dec 2024 12:39

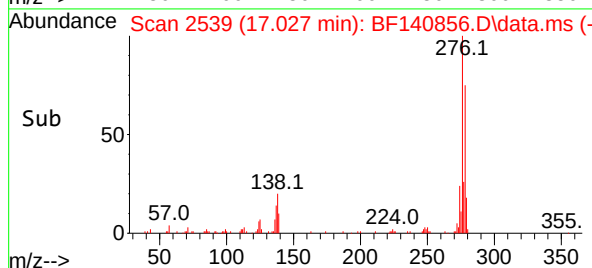
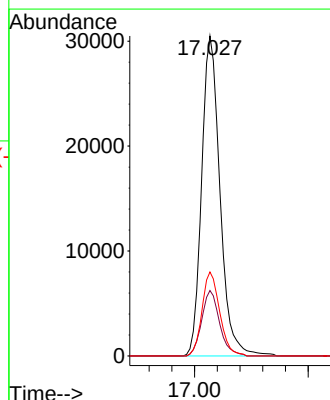
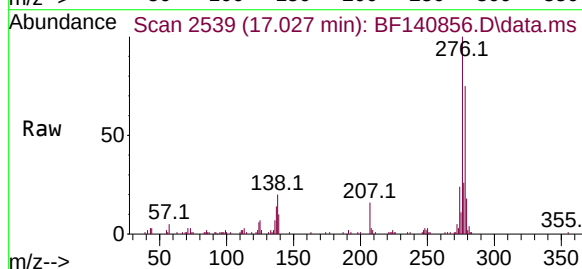
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

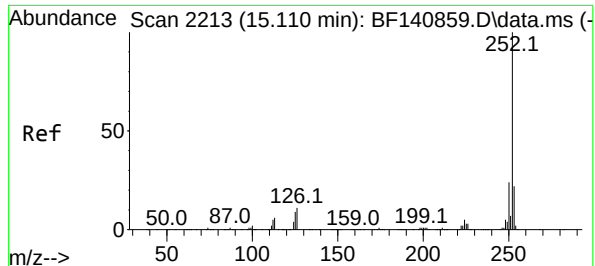
Tgt Ion:264 Resp: 241868
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.9 17.0 25.4



#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

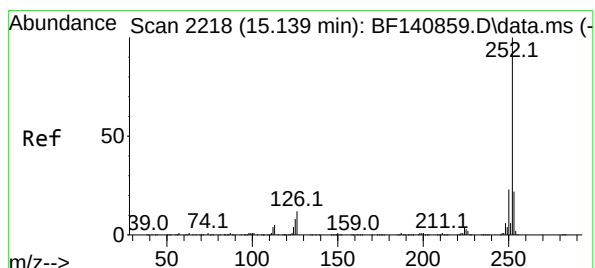
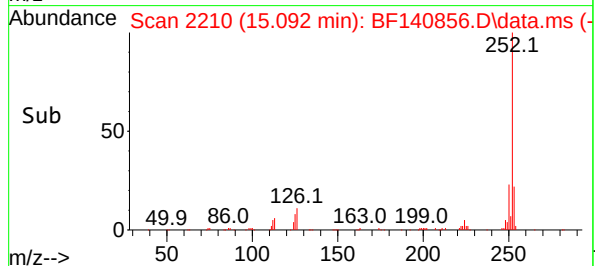
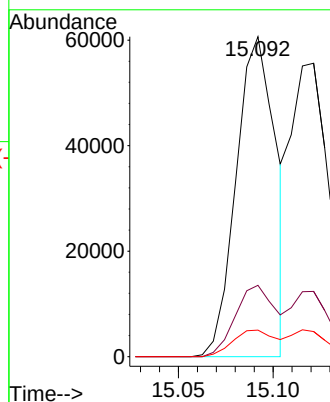
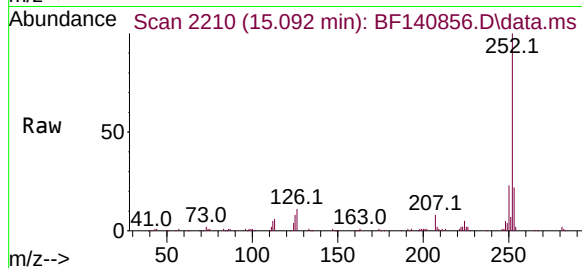
Tgt Ion:252 Resp: 87940

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

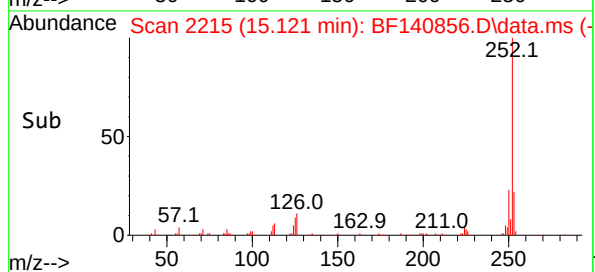
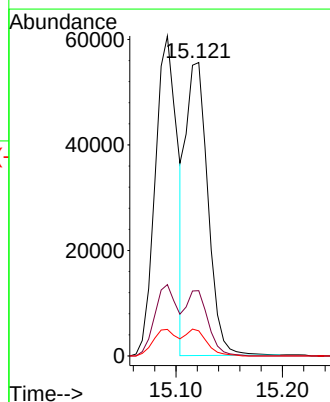
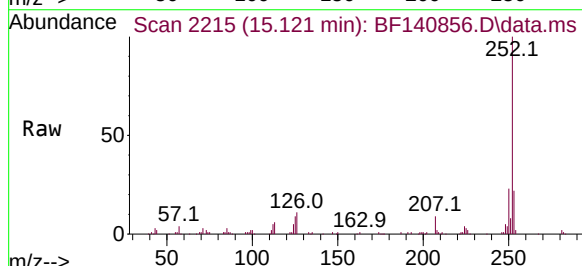
Tgt Ion:252 Resp: 79696

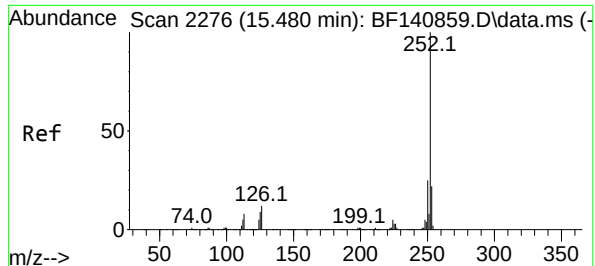
Ion Ratio Lower Upper

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

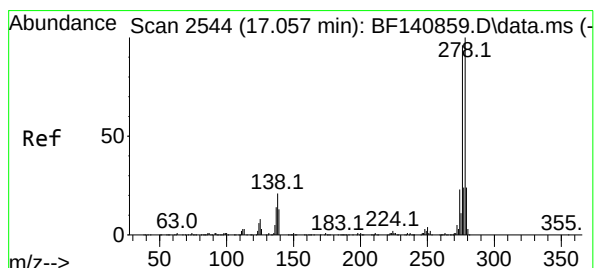
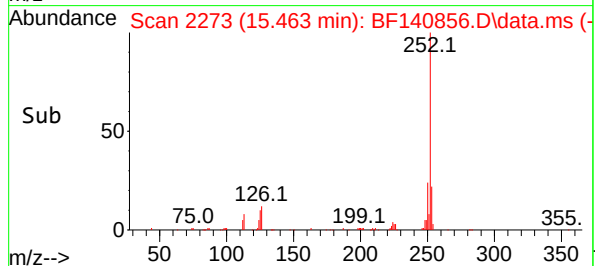
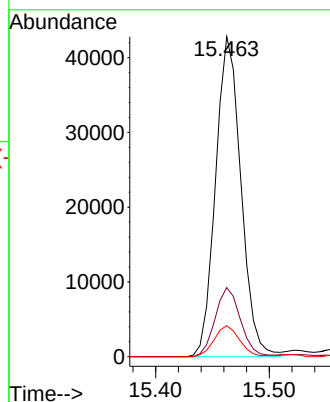
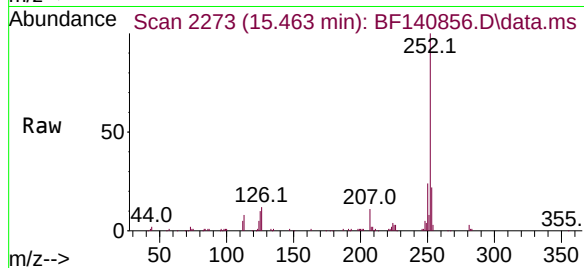
Tgt Ion:252 Resp: 66476

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

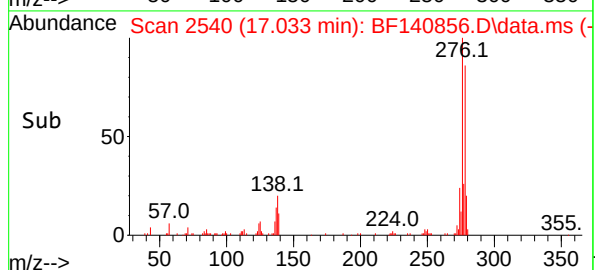
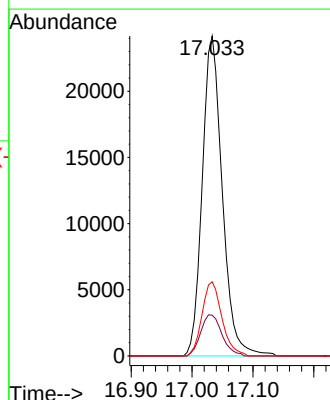
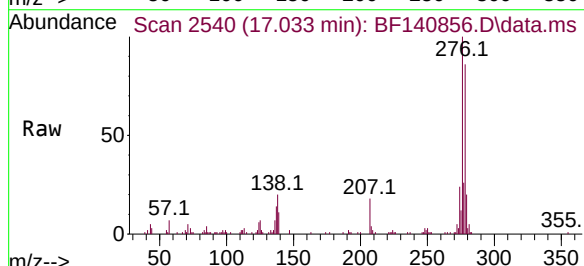
Tgt Ion:278 Resp: 55222

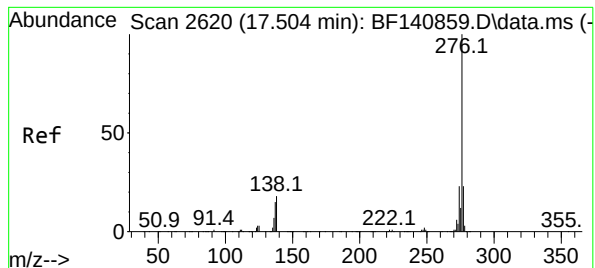
Ion Ratio Lower Upper

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

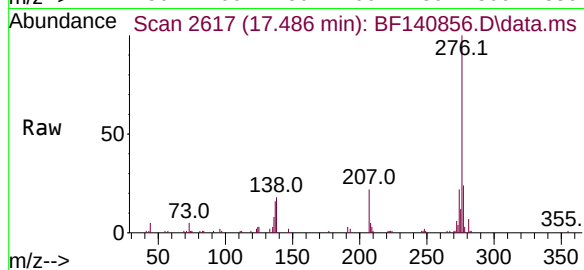
Acq: 16 Dec 2024 12:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



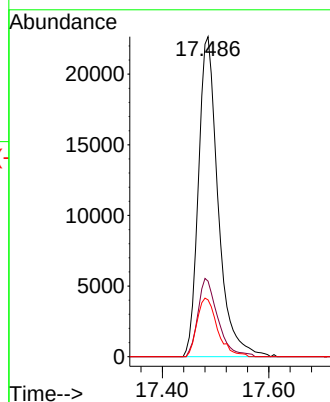
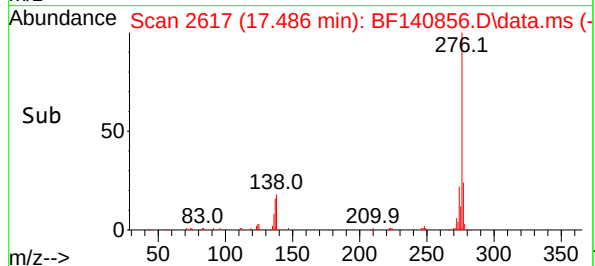
Tgt Ion:276 Resp: 58125

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

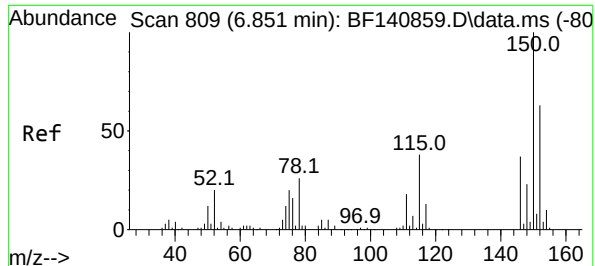
Quant Time: Dec 16 16:47:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

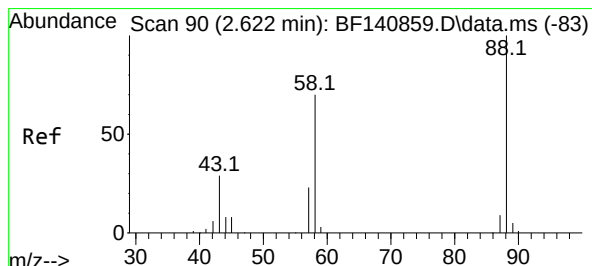
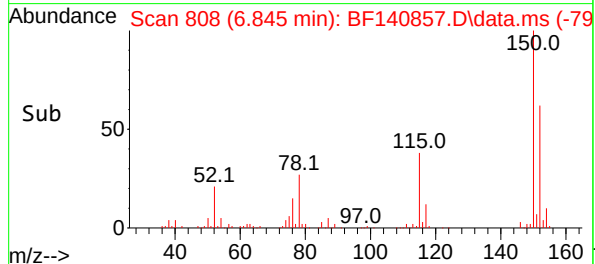
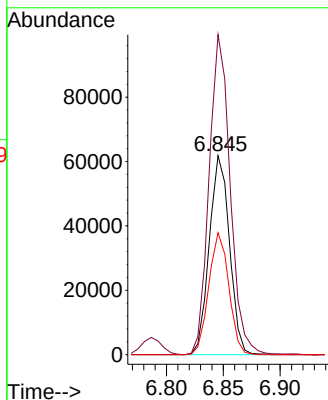
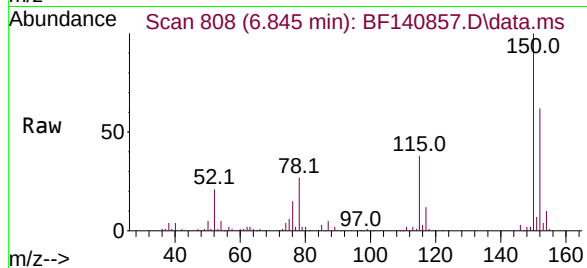
[illegible]



#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

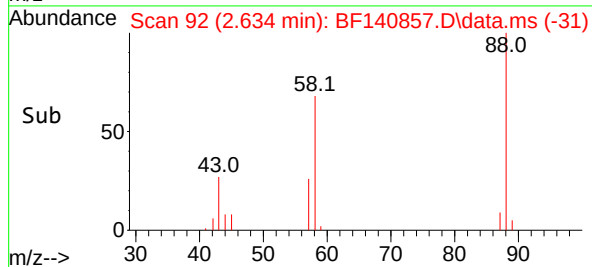
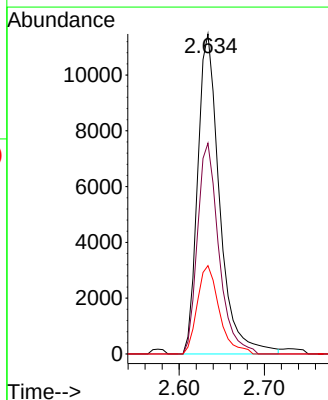
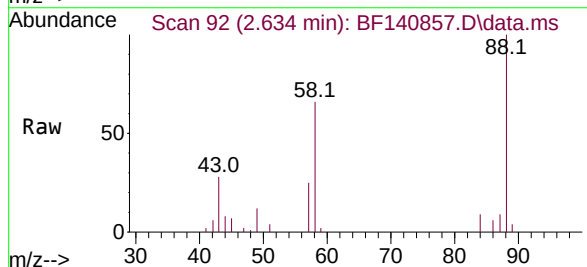
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

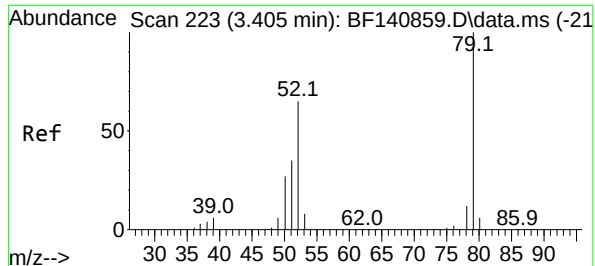
Tgt Ion:152 Resp: 76578
Ion Ratio Lower Upper
152 100
150 160.8 127.9 191.9
115 61.3 48.0 72.0



#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

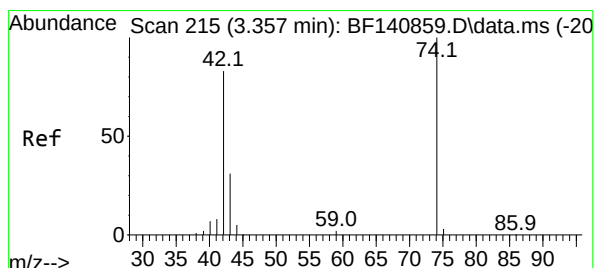
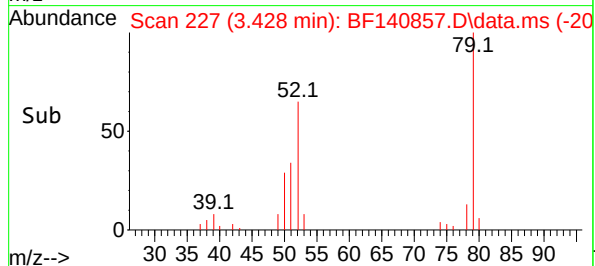
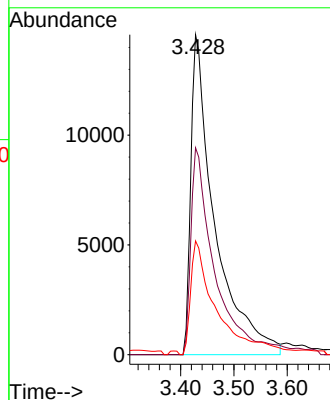
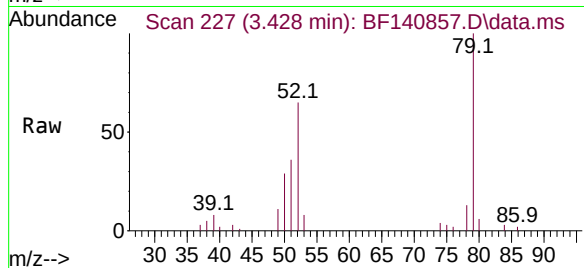
Tgt Ion: 79 Resp: 45270

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

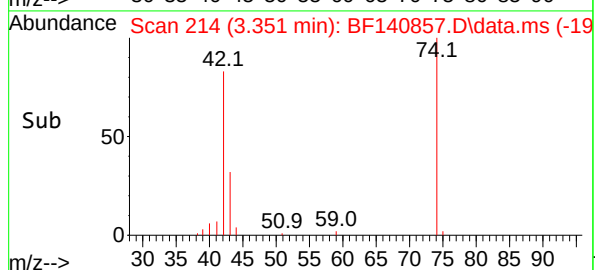
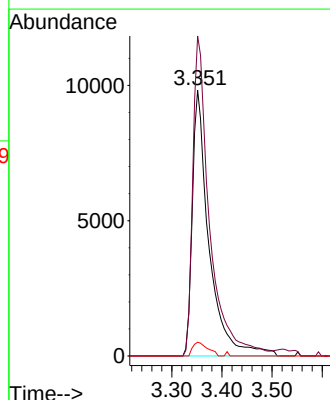
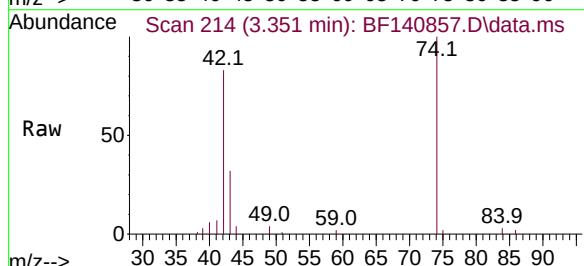
Tgt Ion: 42 Resp: 22689

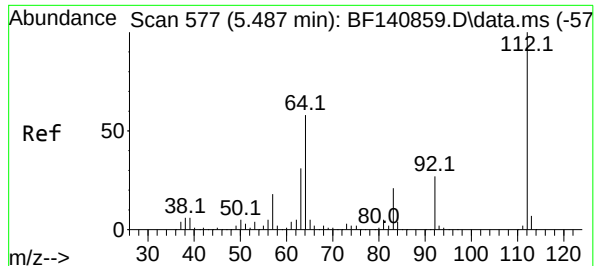
Ion Ratio Lower Upper

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

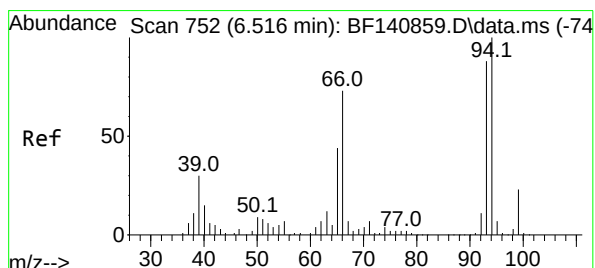
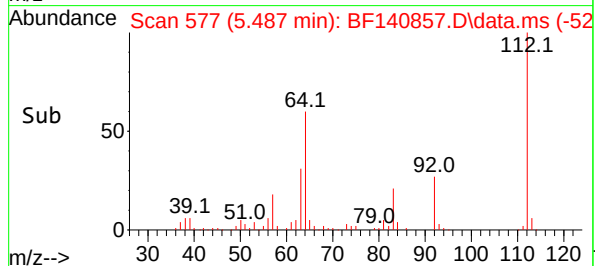
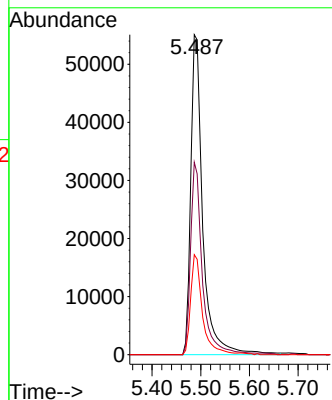
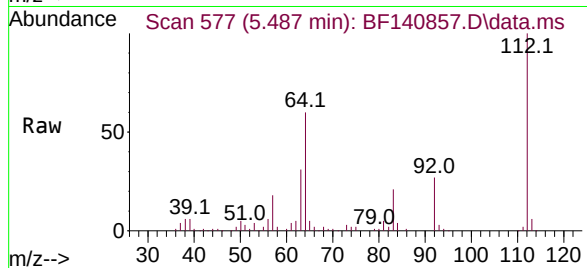
Tgt Ion:112 Resp: 94639

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

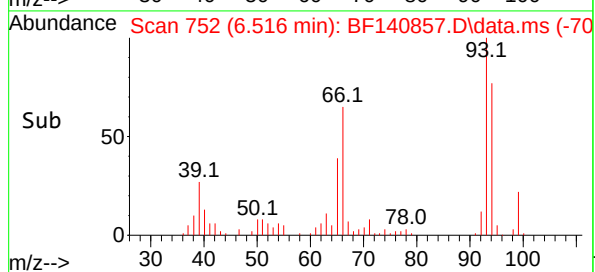
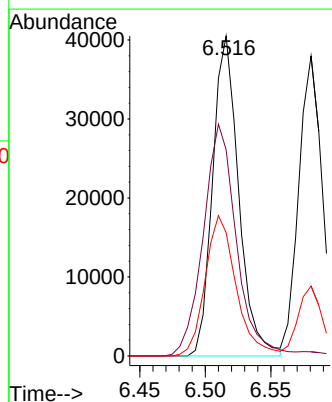
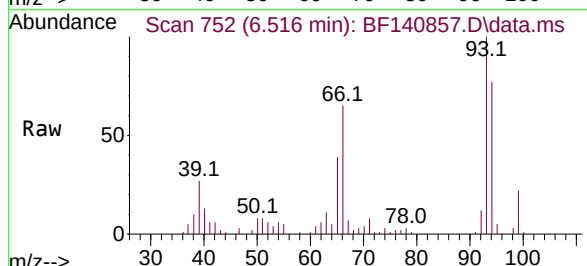
Tgt Ion: 93 Resp: 55946

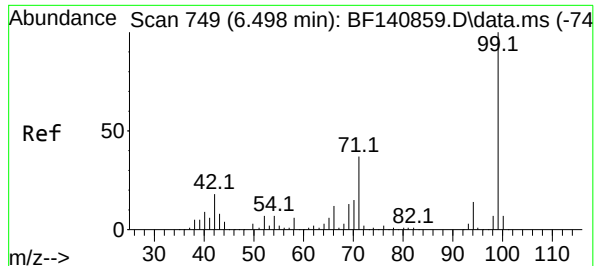
Ion Ratio Lower Upper

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

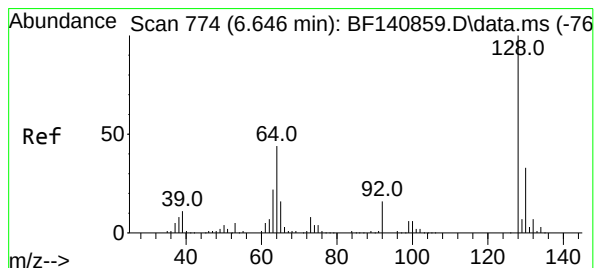
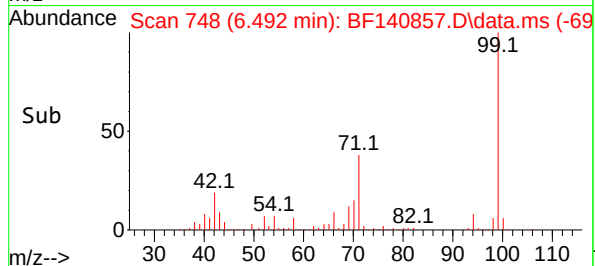
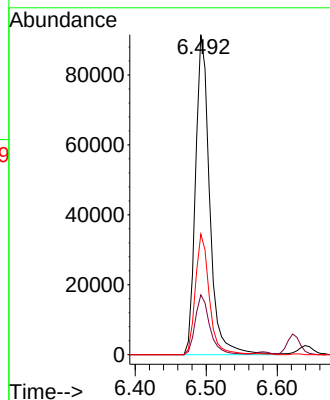
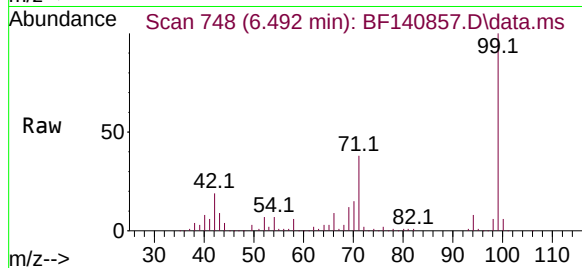
Tgt Ion: 99 Resp: 127200

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

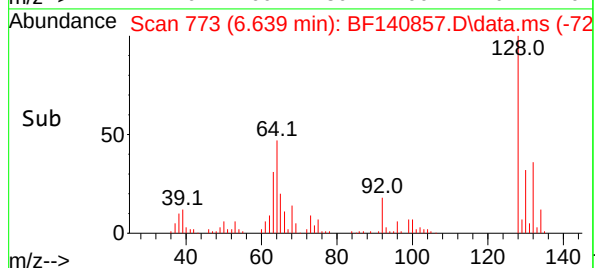
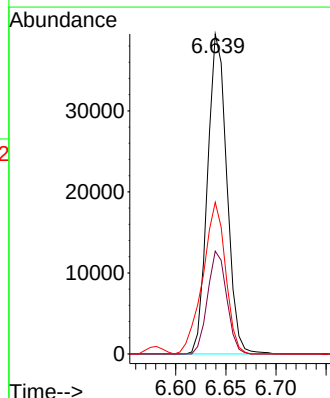
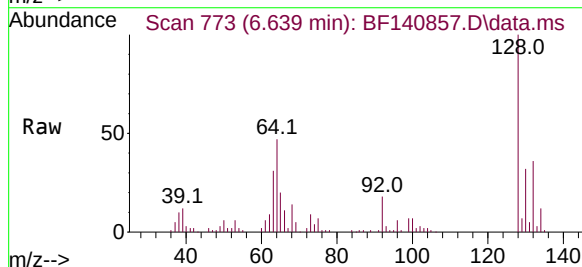
Tgt Ion:128 Resp: 52812

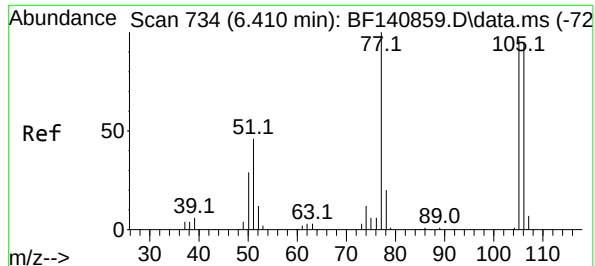
Ion Ratio Lower Upper

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

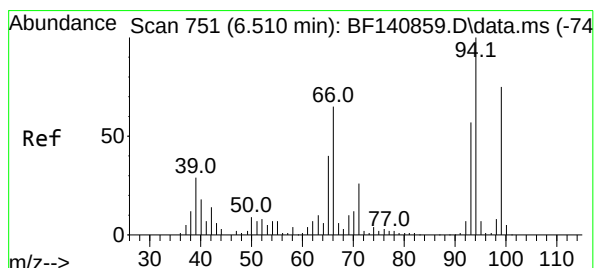
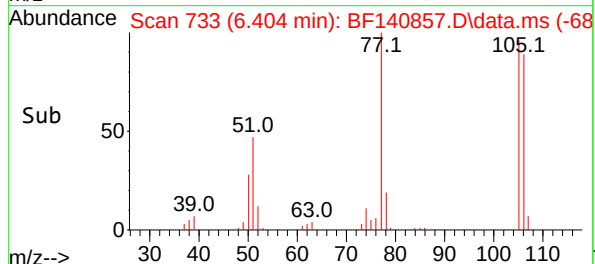
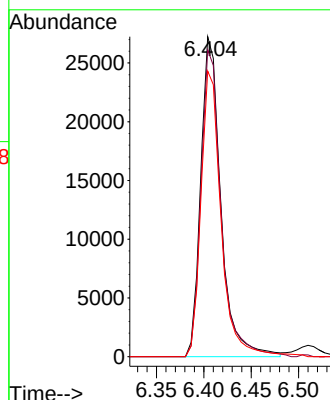
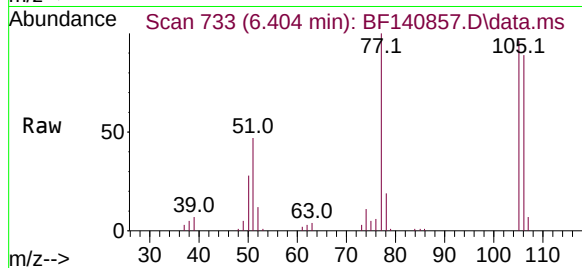
Tgt Ion: 77 Resp: 40257

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

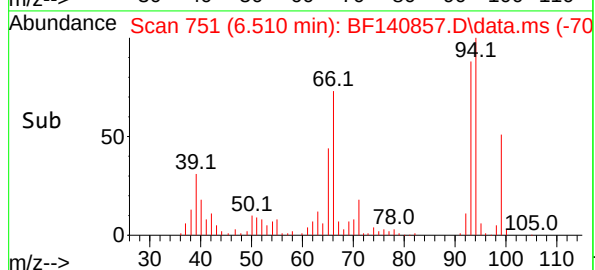
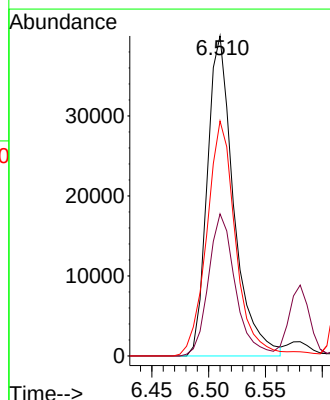
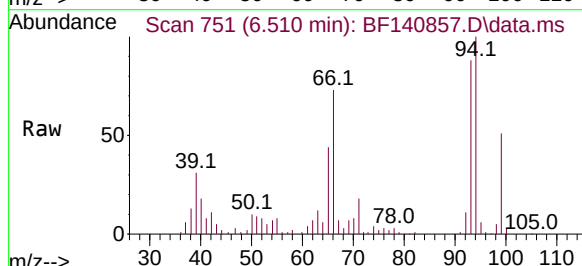
Tgt Ion: 94 Resp: 64718

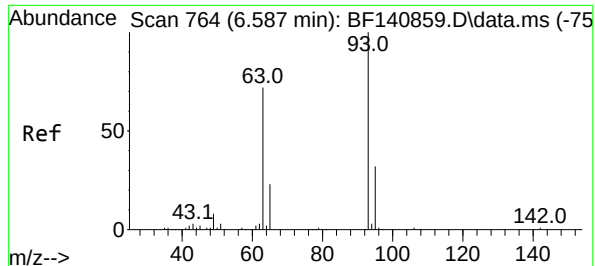
Ion Ratio Lower Upper

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

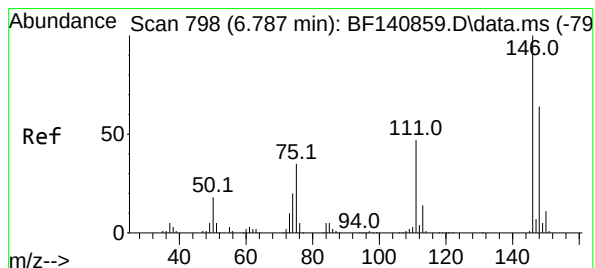
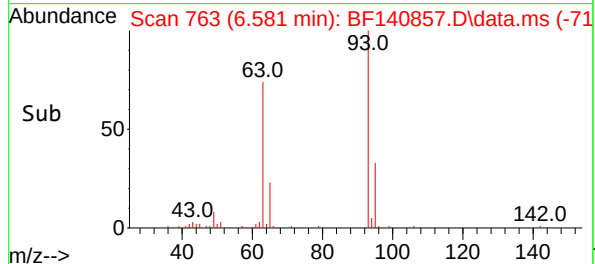
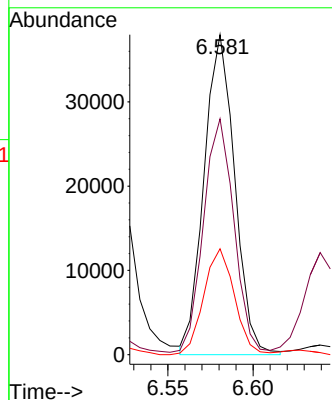
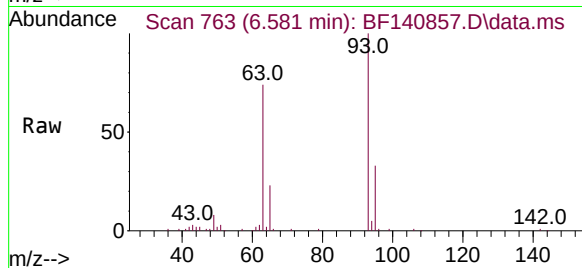
Tgt Ion: 93 Resp: 47546

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

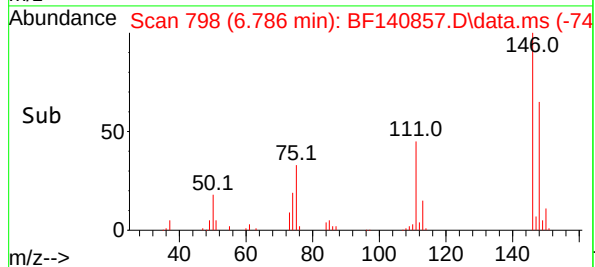
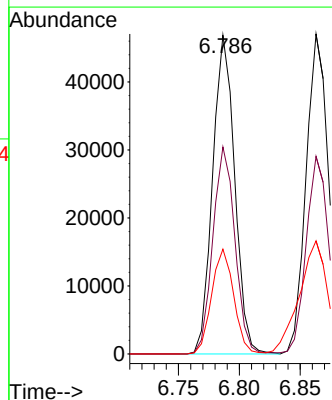
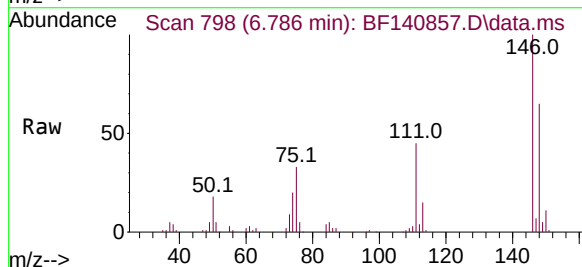
Tgt Ion: 146 Resp: 58952

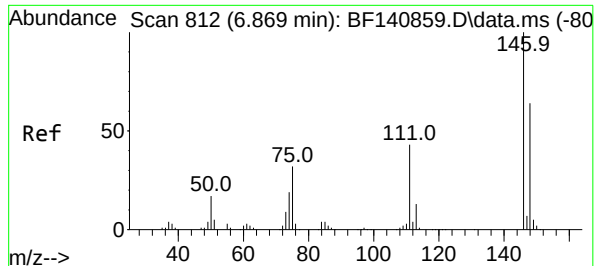
Ion Ratio Lower Upper

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

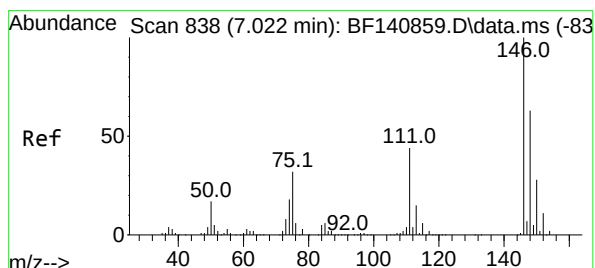
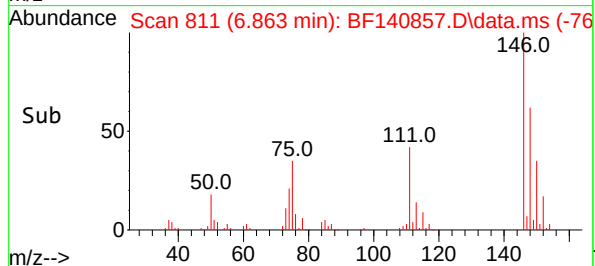
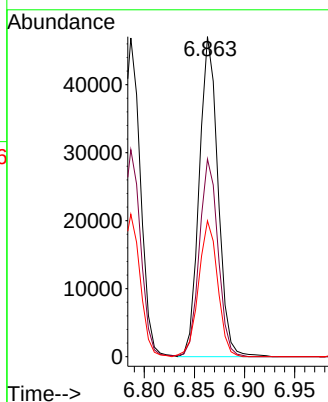
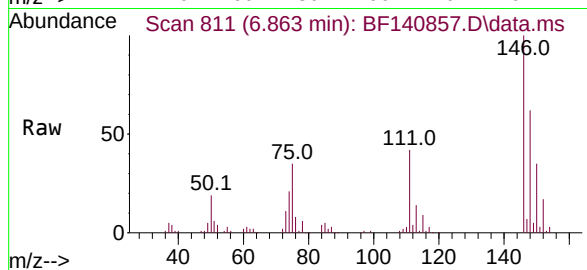
Tgt Ion:146 Resp: 61319

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

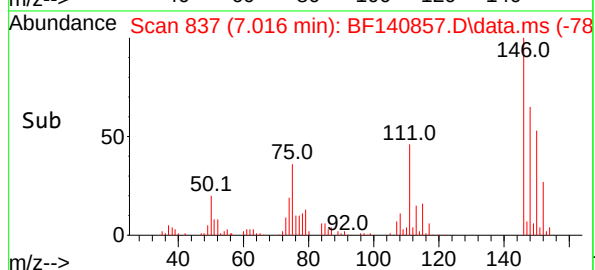
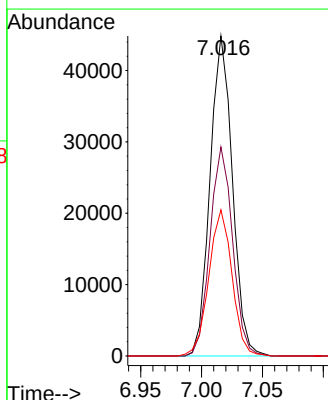
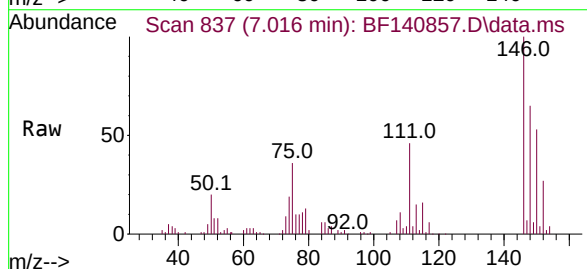
Tgt Ion:146 Resp: 57259

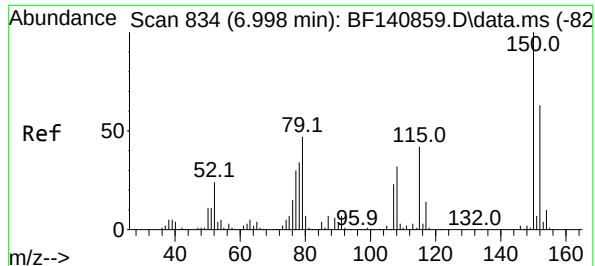
Ion Ratio Lower Upper

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

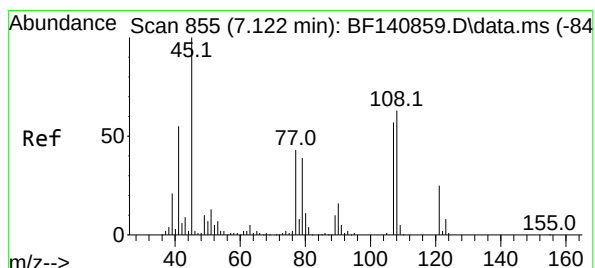
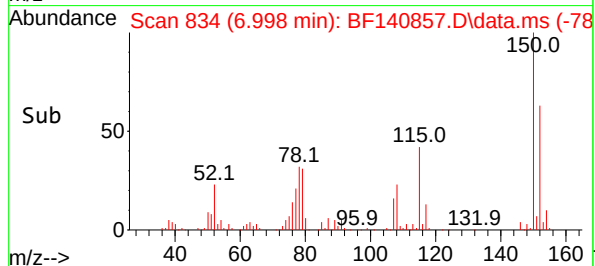
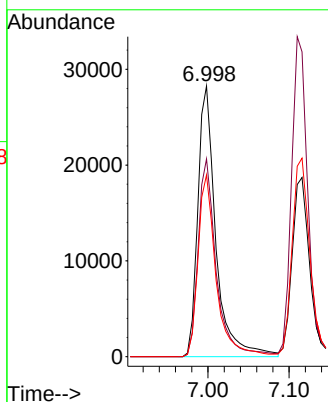
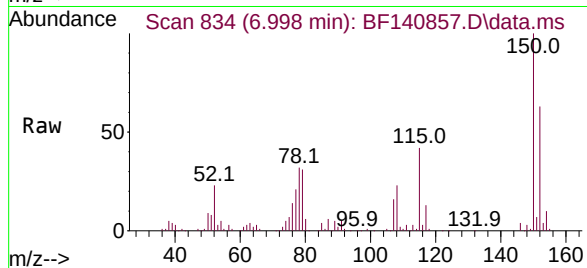
Tgt Ion: 79 Resp: 43771

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

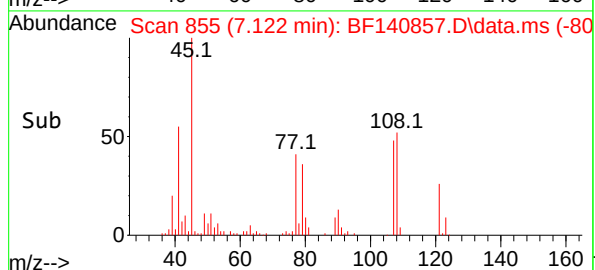
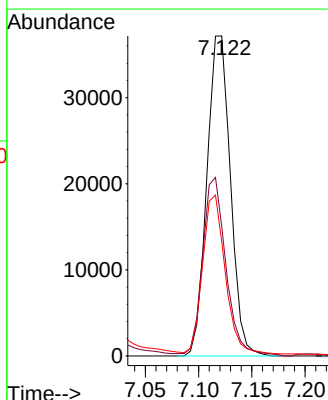
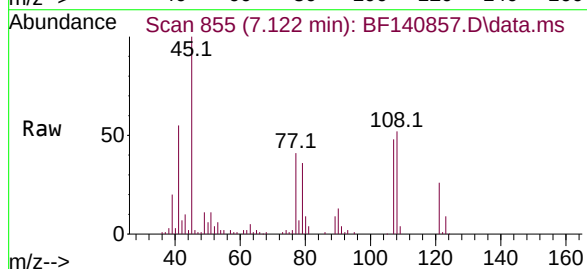
Tgt Ion: 45 Resp: 57243

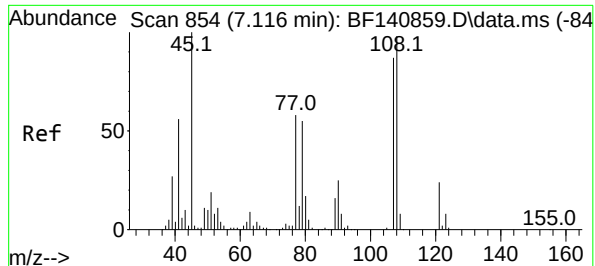
Ion Ratio Lower Upper

45 100

77 40.5 23.3 63.3

79 35.8 20.0 60.0

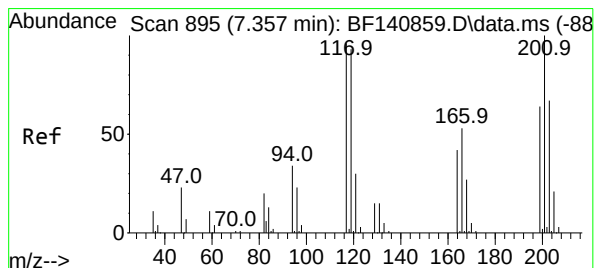
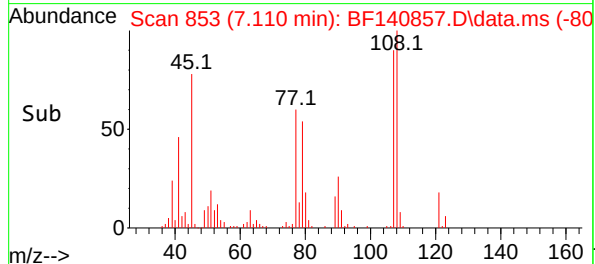
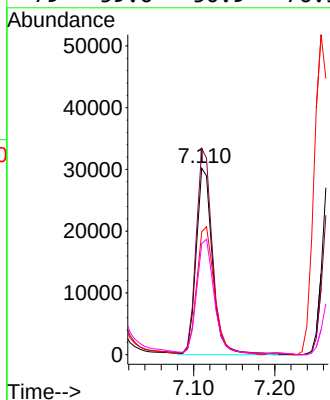
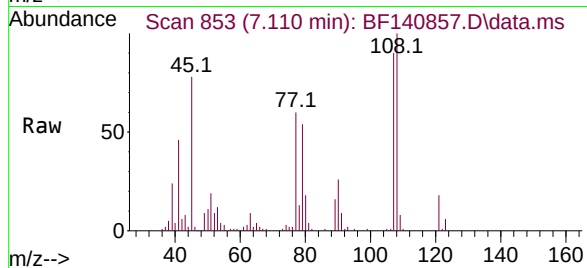




#17
2-Methylphenol
Concen: 10.446 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

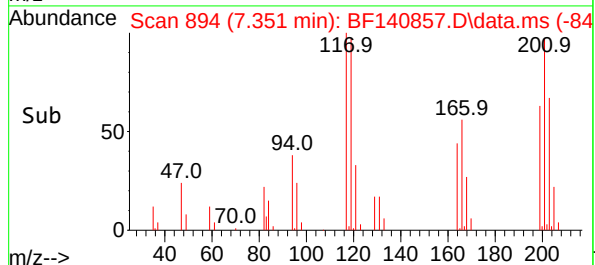
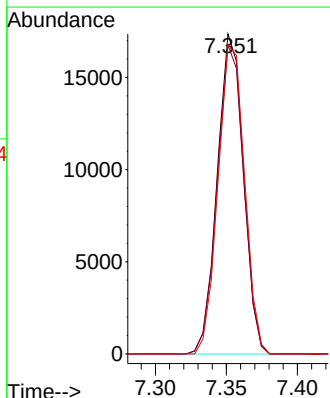
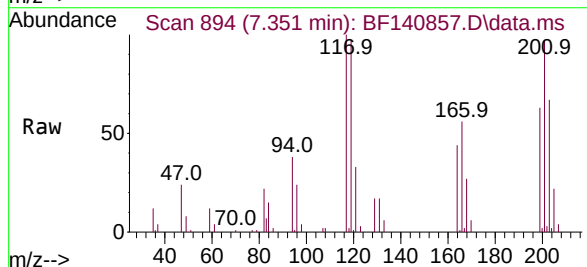
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

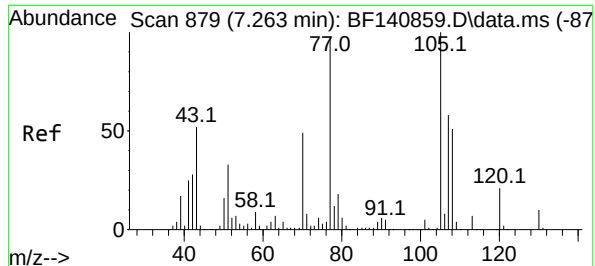
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.2	135.4
77	65.9	53.8	80.6
79	59.6	50.9	76.3



#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

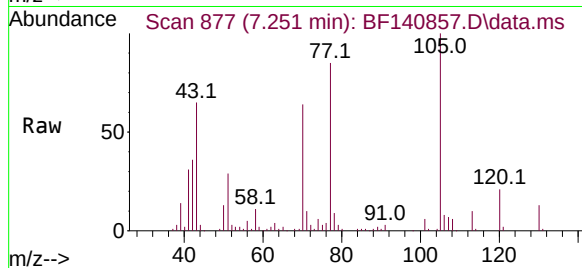
Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

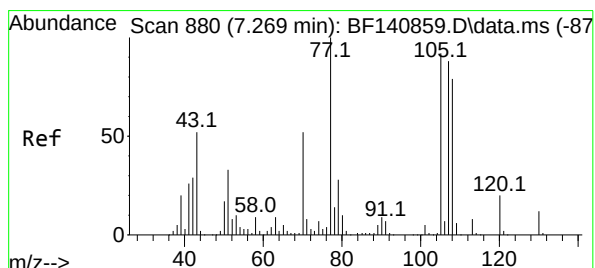
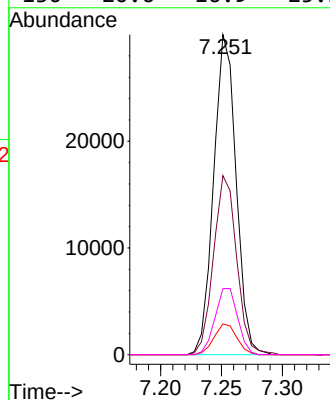
ClientSampleId :

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

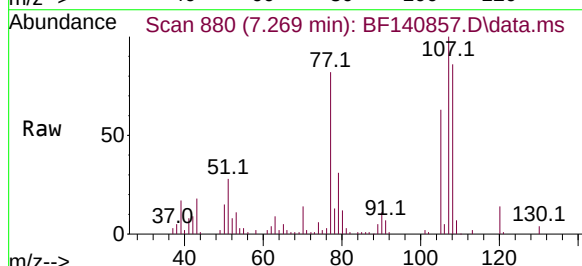
Concen: 10.628 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

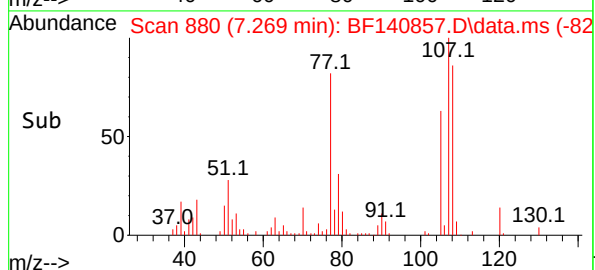
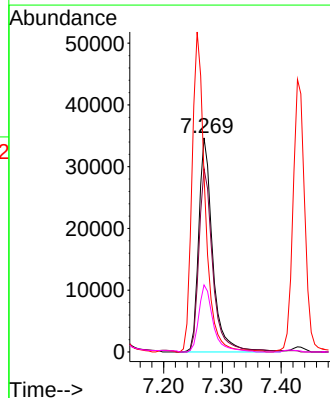
Lab File: BF140857.D

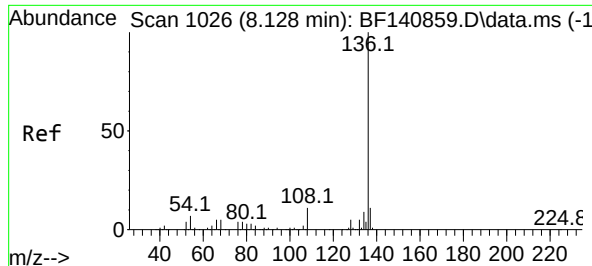
Acq: 16 Dec 2024 13:05



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# 1

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

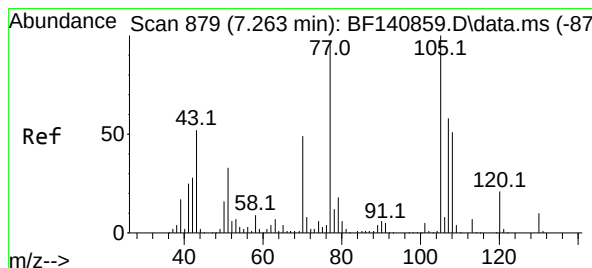
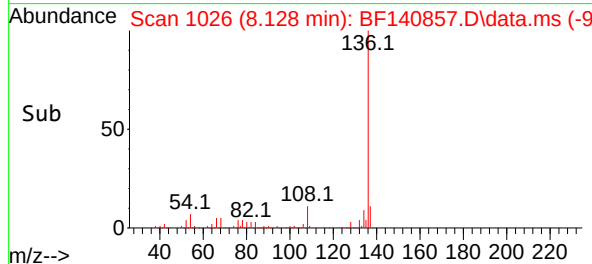
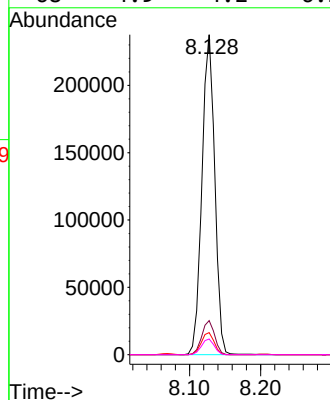
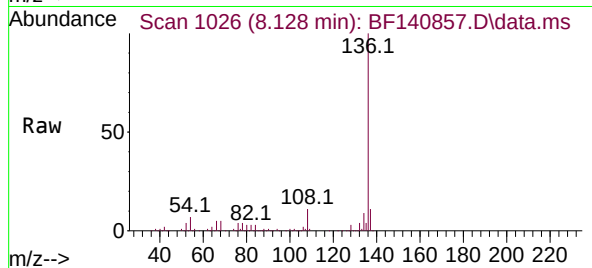
Ion Ratio Lower Upper

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

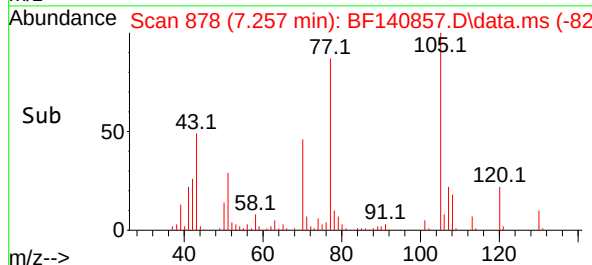
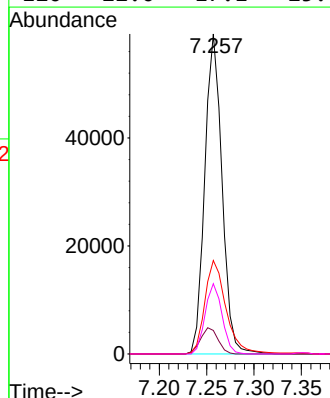
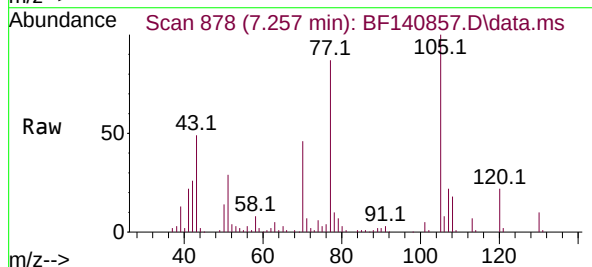
Ion Ratio Lower Upper

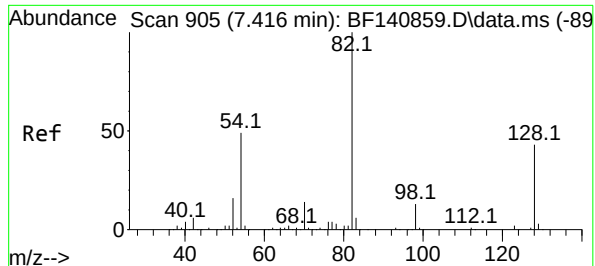
105 100

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

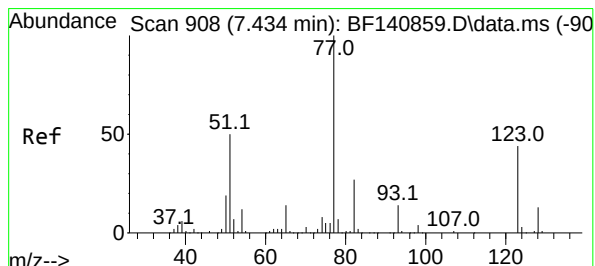
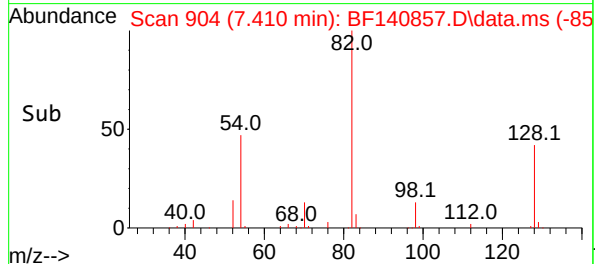
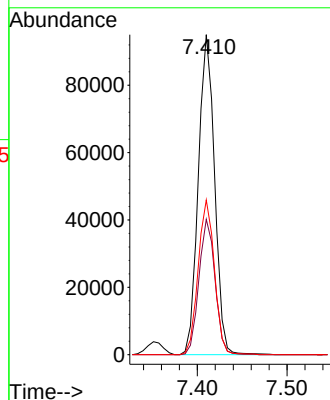
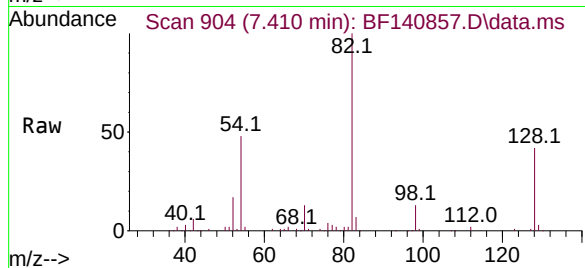
Tgt Ion: 82 Resp: 119665

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

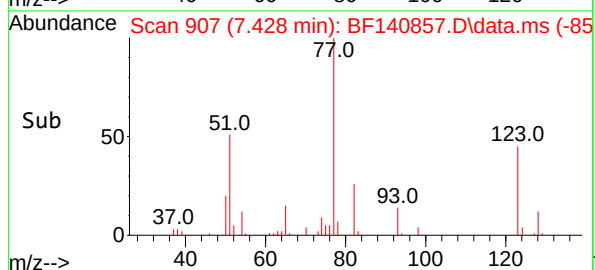
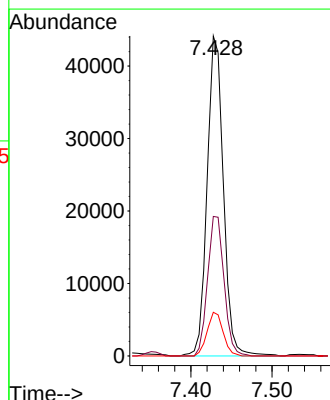
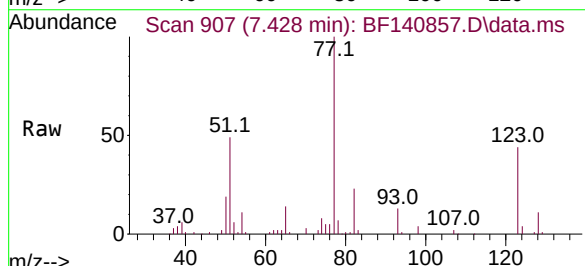
Tgt Ion: 77 Resp: 61294

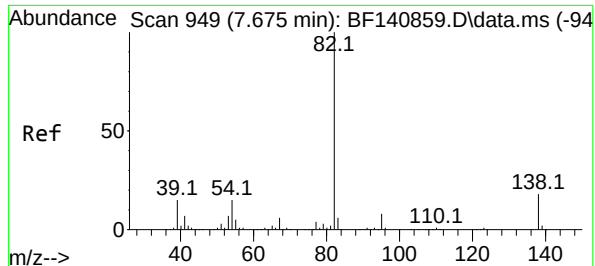
Ion Ratio Lower Upper

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

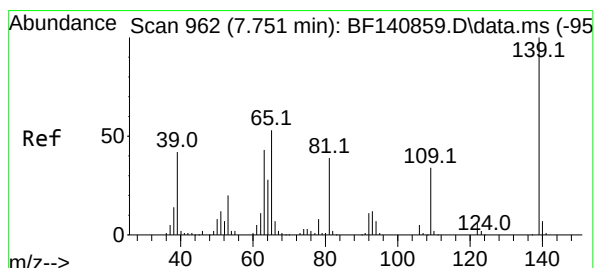
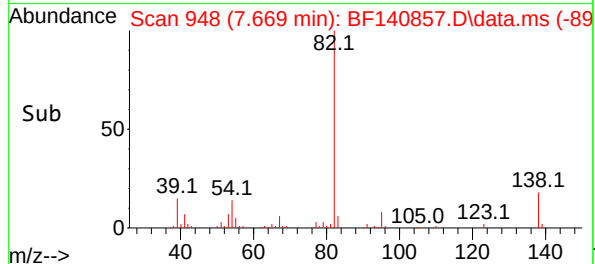
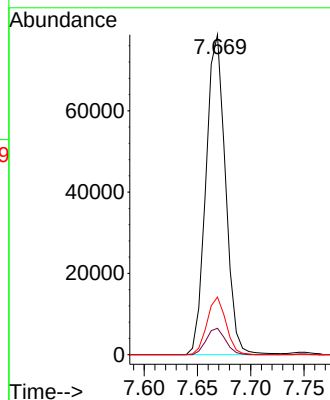
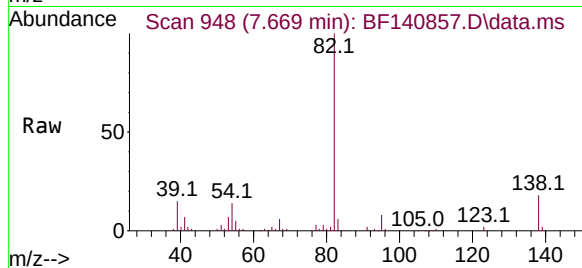
Tgt Ion: 82 Resp: 100405

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

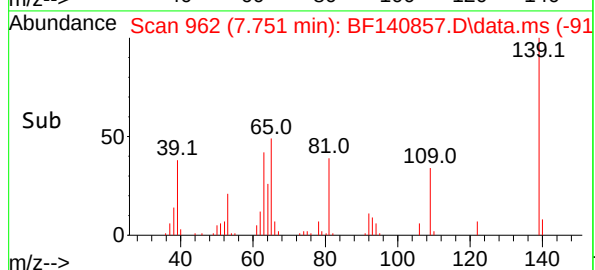
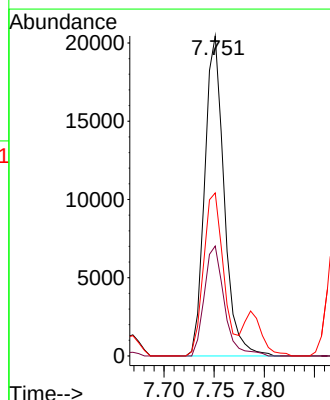
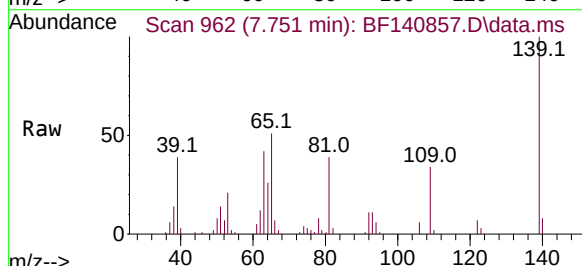
Tgt Ion:139 Resp: 27623

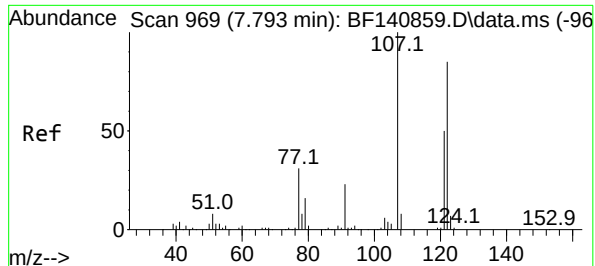
Ion Ratio Lower Upper

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

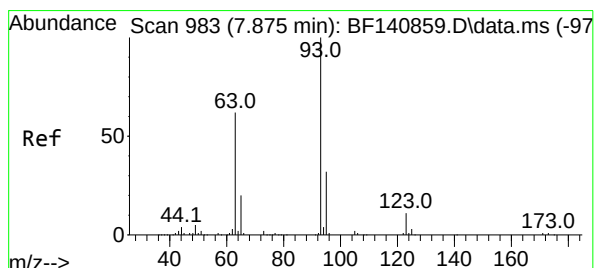
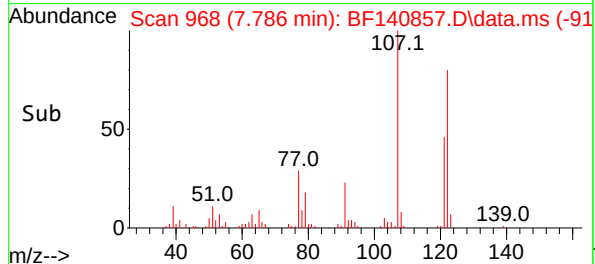
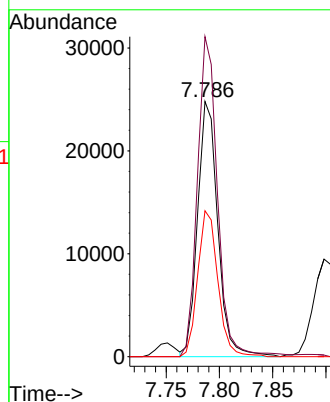
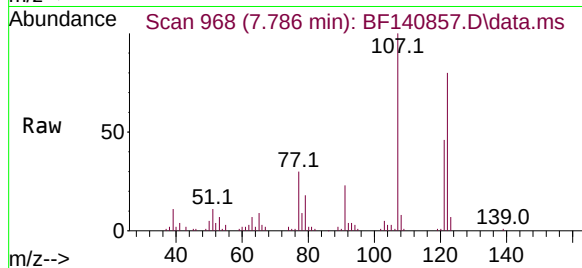
Tgt Ion:122 Resp: 32852

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

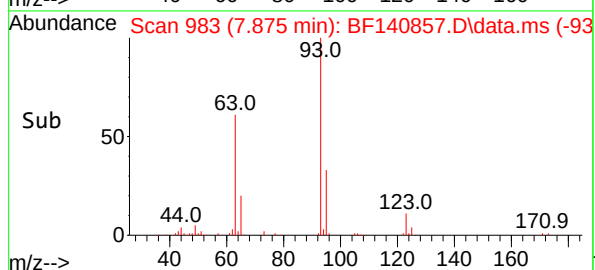
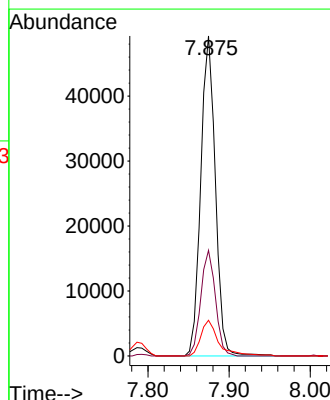
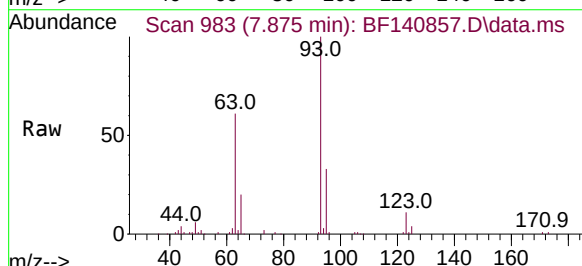
Tgt Ion: 93 Resp: 61752

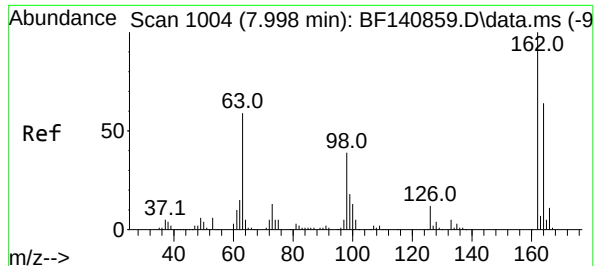
Ion Ratio Lower Upper

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

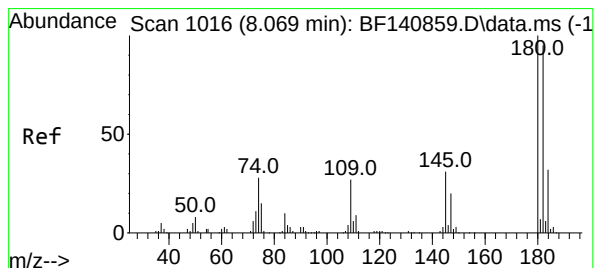
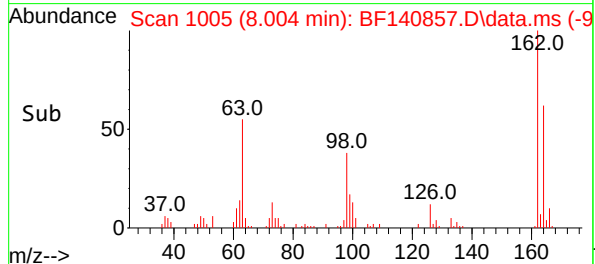
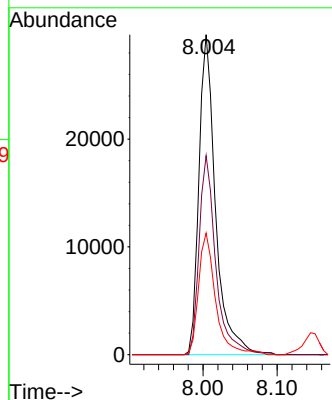
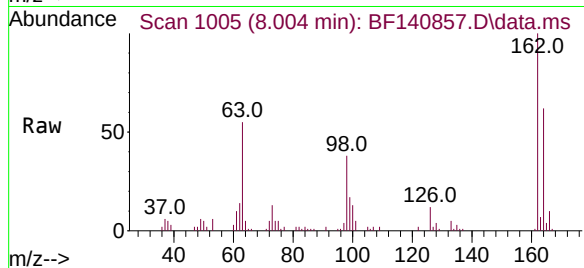
Tgt Ion:162 Resp: 46274

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

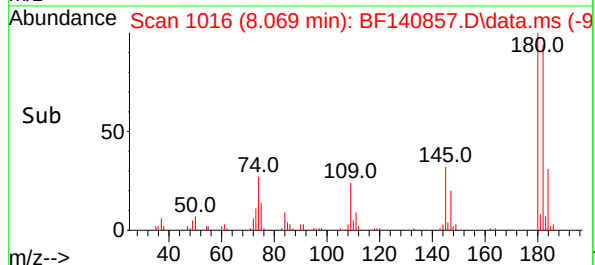
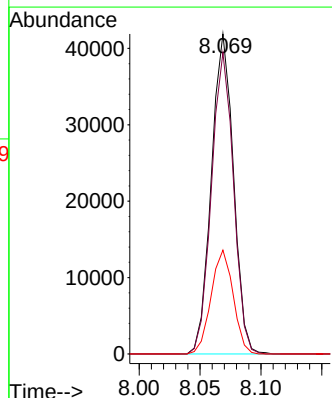
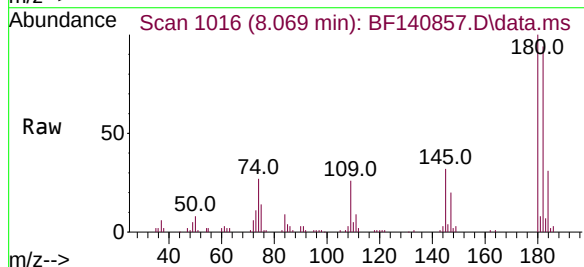
Tgt Ion:180 Resp: 52790

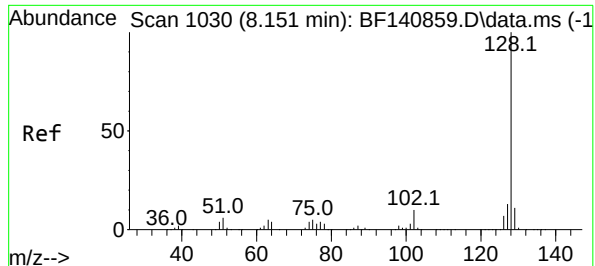
Ion Ratio Lower Upper

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

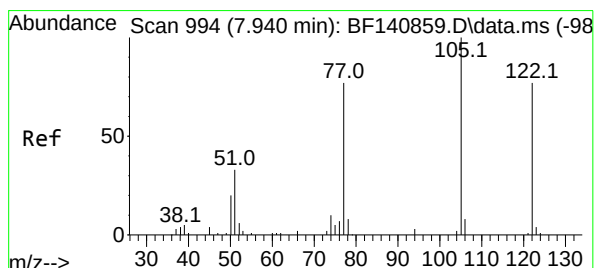
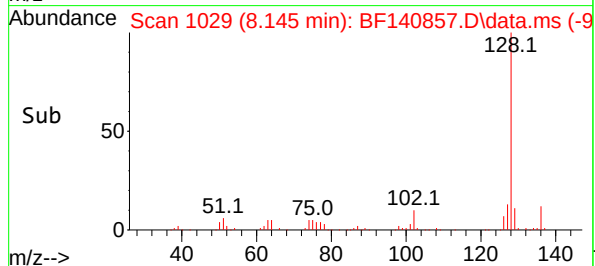
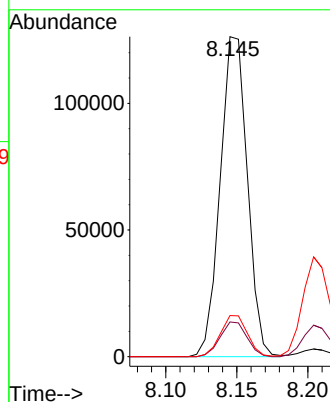
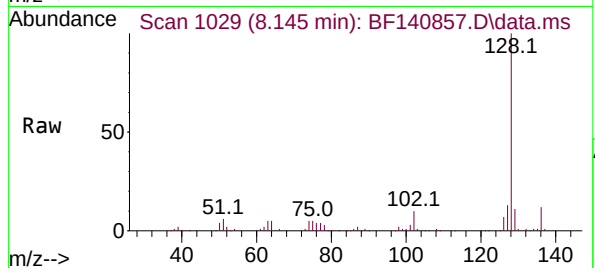
Tgt Ion:128 Resp: 168002

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

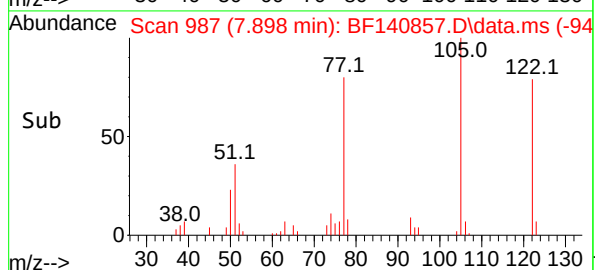
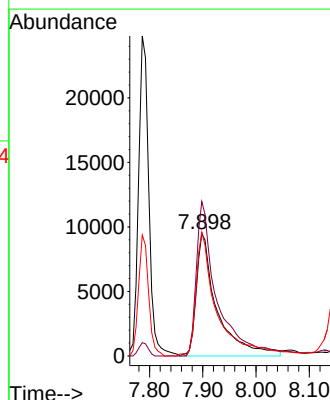
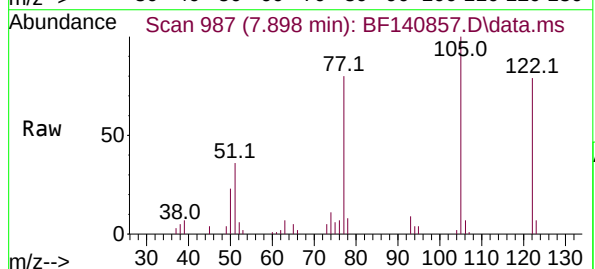
Tgt Ion:122 Resp: 25770

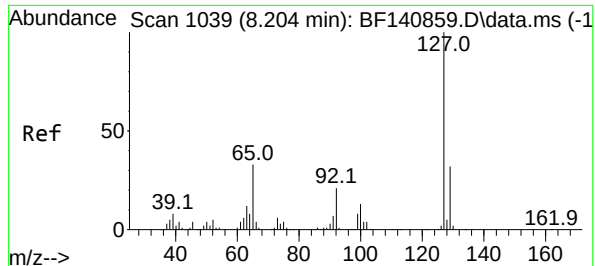
Ion Ratio Lower Upper

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

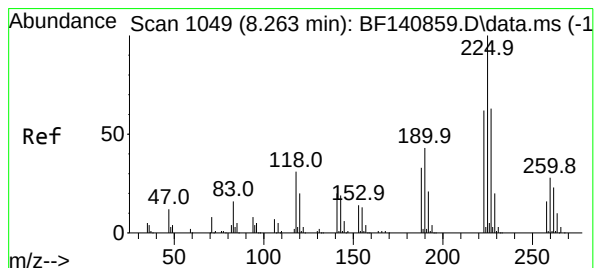
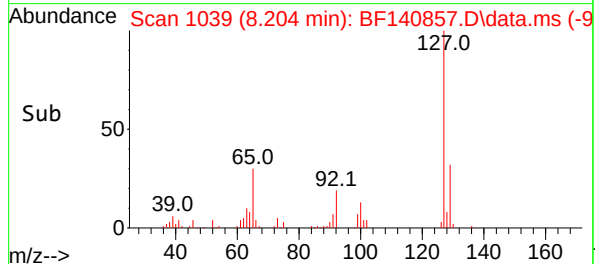
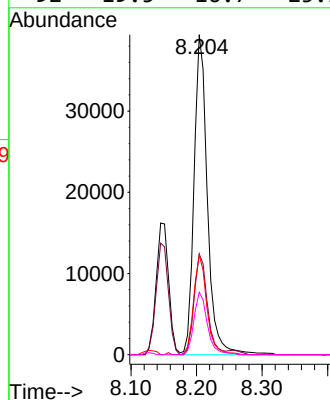
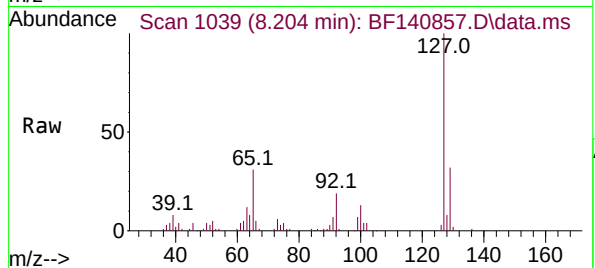
Ion Ratio Lower Upper

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

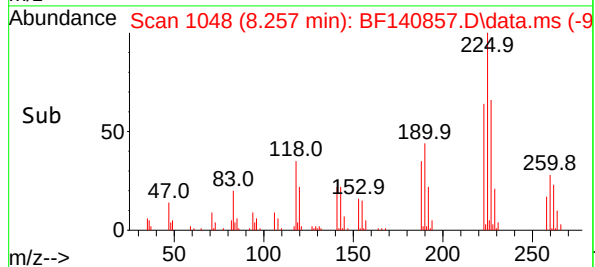
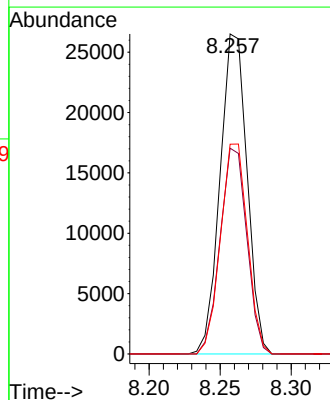
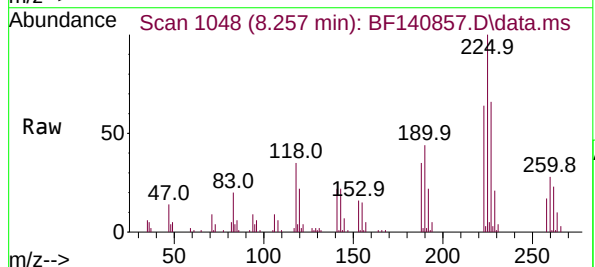
Tgt Ion:225 Resp: 35099

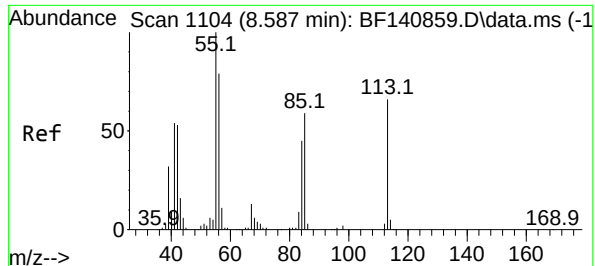
Ion Ratio Lower Upper

225 100

223 64.3 49.6 74.4

227 65.5 50.7 76.1

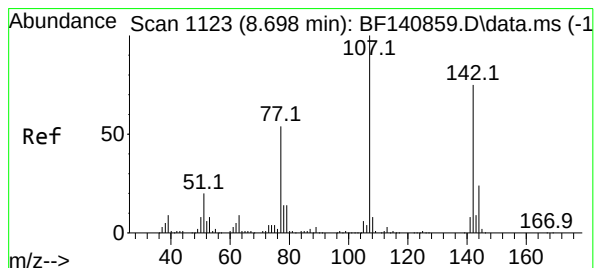
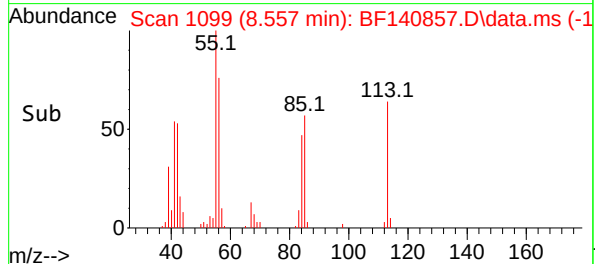
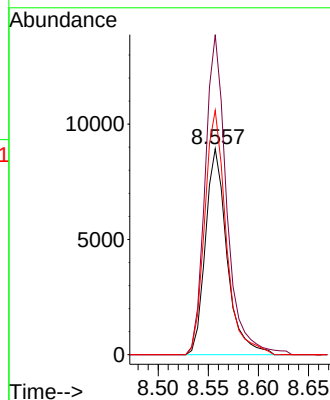
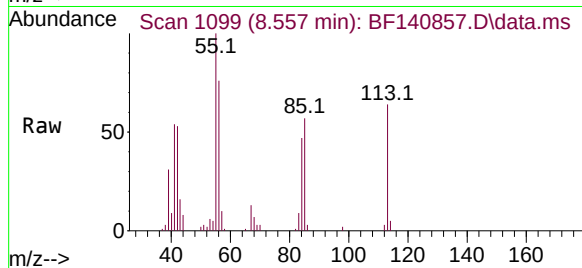




#35
Caprolactam
Concen: 9.925 ng
RT: 8.557 min Scan# 1104
Delta R.T. -0.030 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

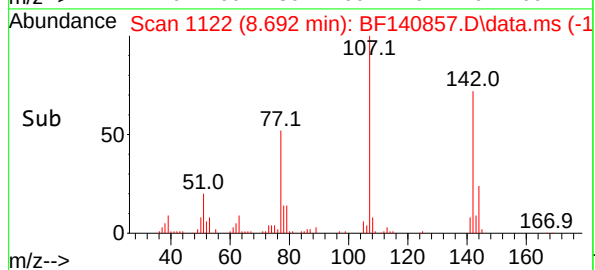
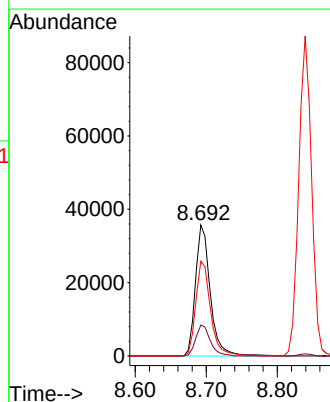
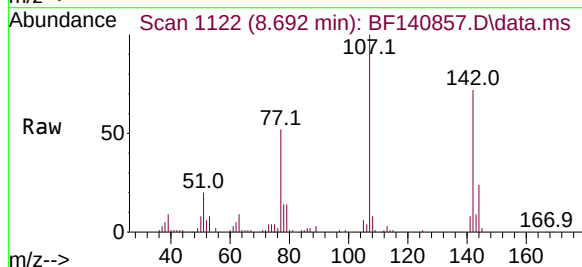
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

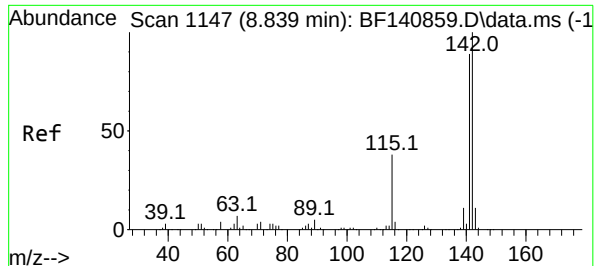
Tgt Ion:113 Resp: 13417
Ion Ratio Lower Upper
113 100
55 155.4 132.3 172.3
56 118.6 100.3 140.3



#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 :

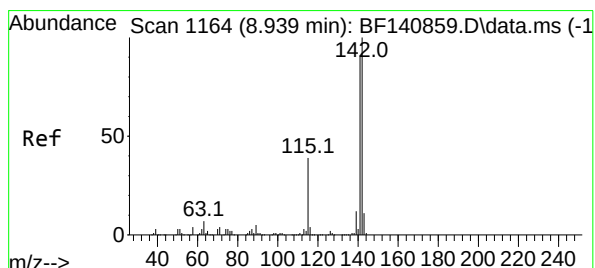
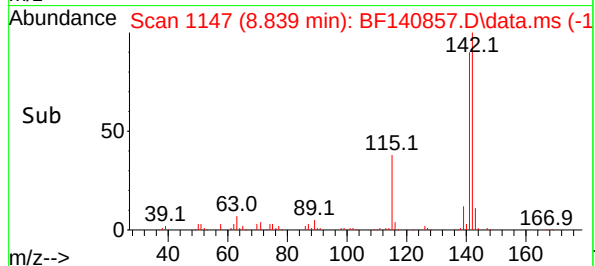
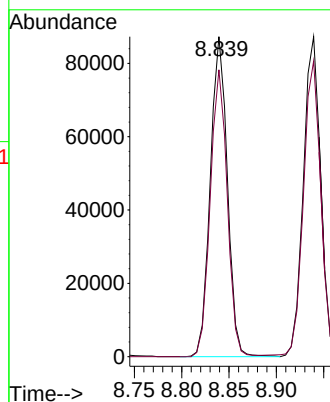
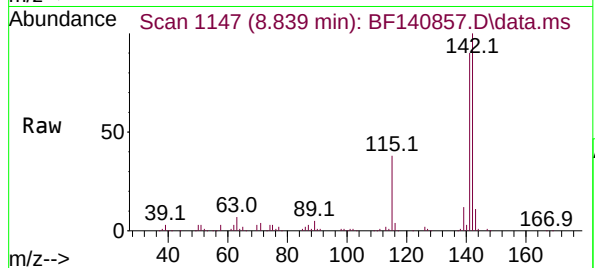
SSTDICC010

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

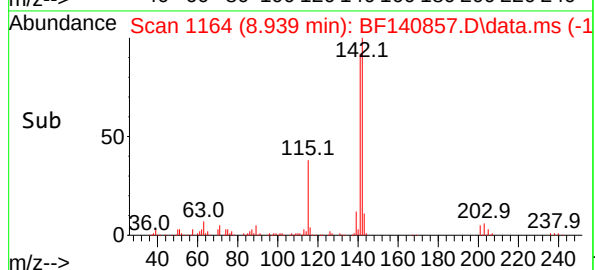
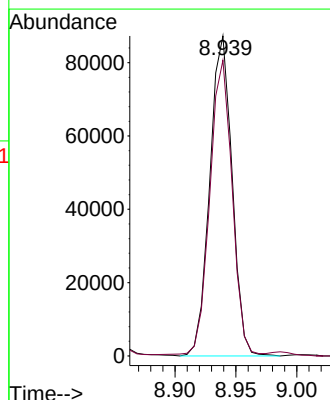
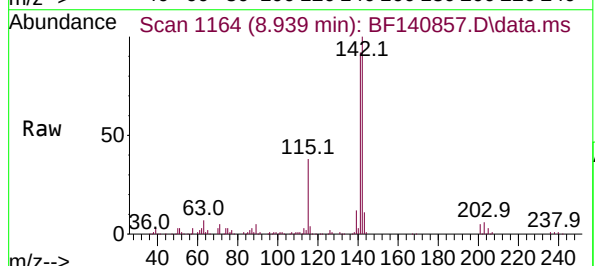
Acq: 16 Dec 2024 13:05

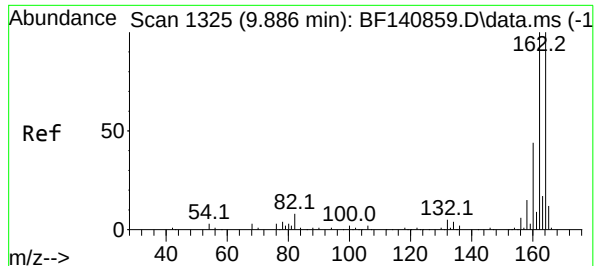
Tgt Ion:142 Resp: 110917

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# 11

Delta R.T. -0.006 min

Lab File: BF140857.D

Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

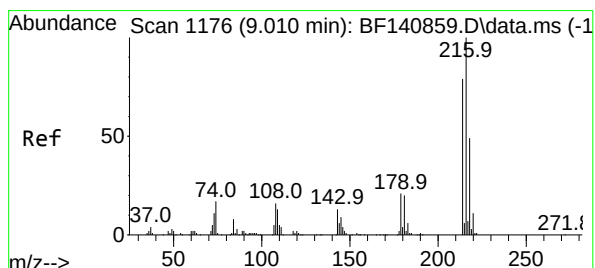
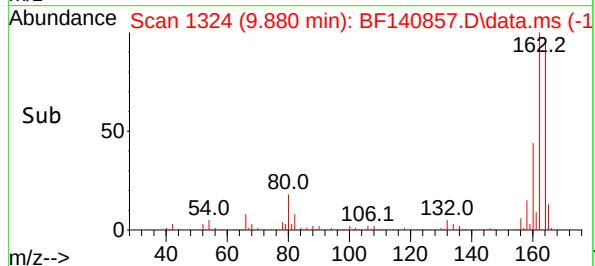
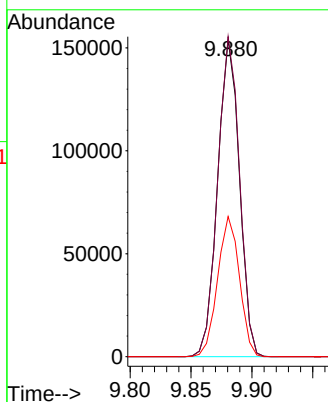
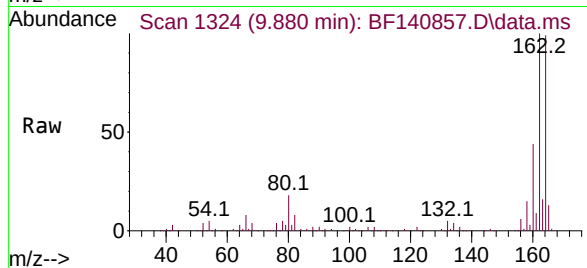
Tgt Ion:164 Resp: 192062

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

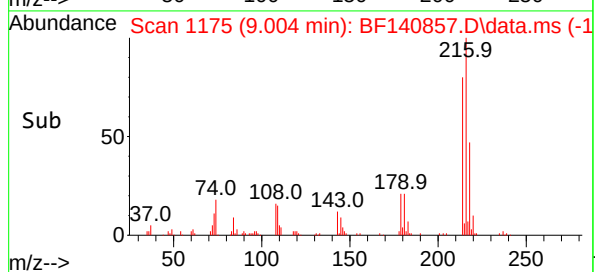
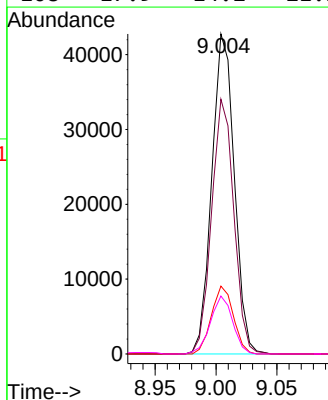
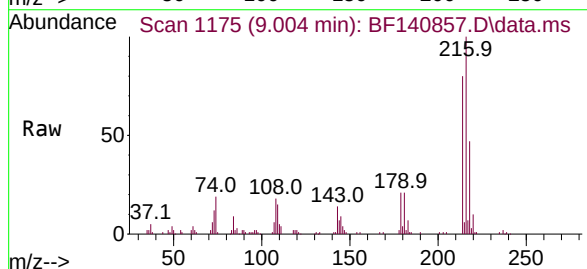
Ion Ratio Lower Upper

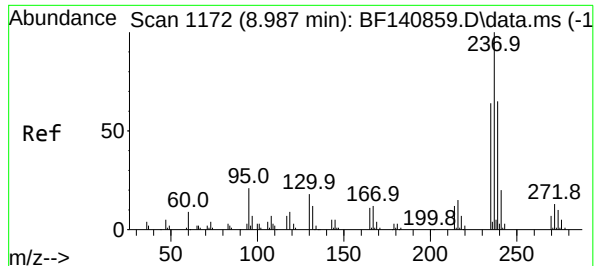
216 100

214 78.6 63.6 95.4

179 20.7 17.0 25.4

108 17.9 14.2 21.2

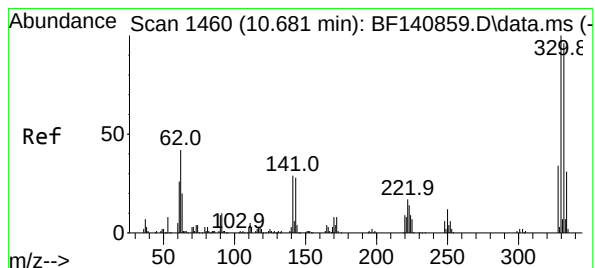
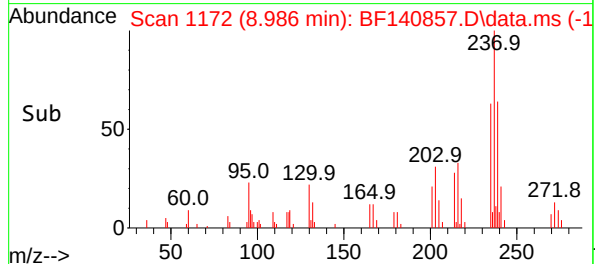
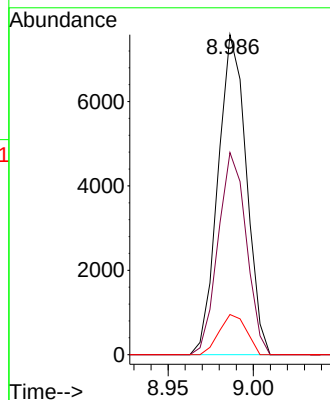
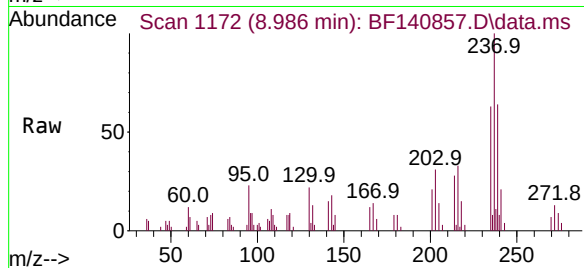




#41
Hexachlorocyclopentadiene
Concen: 8.866 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

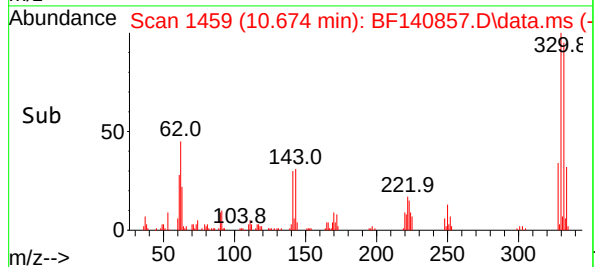
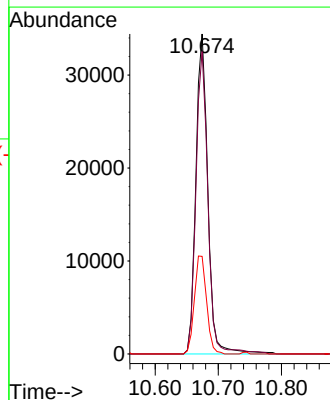
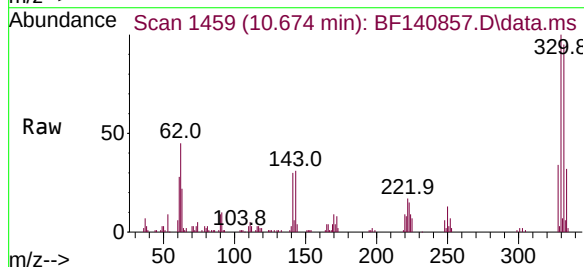
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

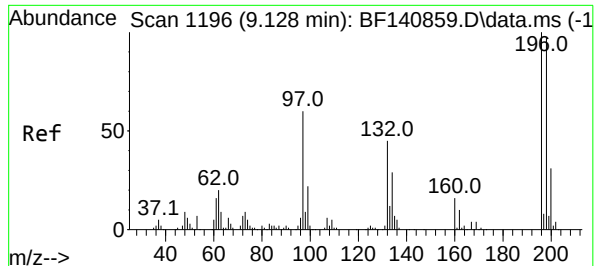
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	12.5	0.0	32.9



#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	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

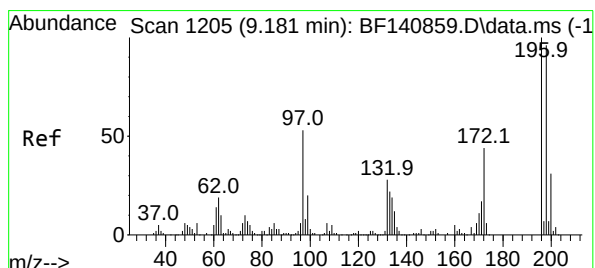
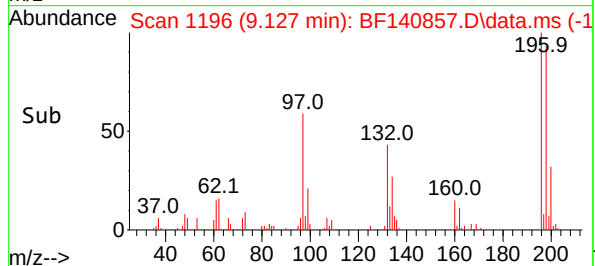
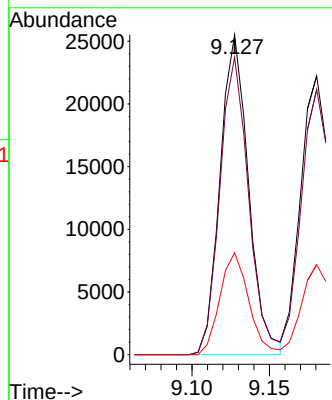
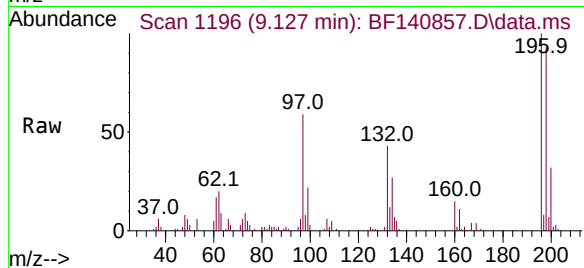
Tgt Ion:196 Resp: 32555

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

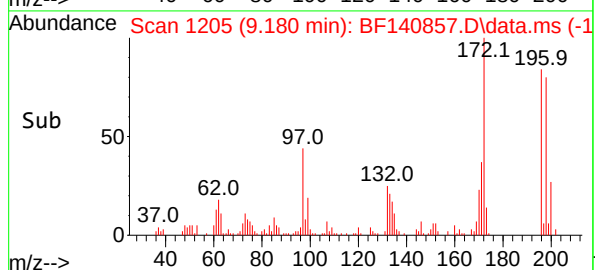
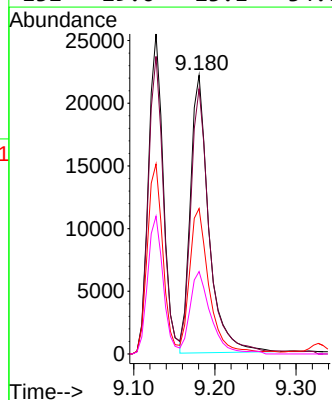
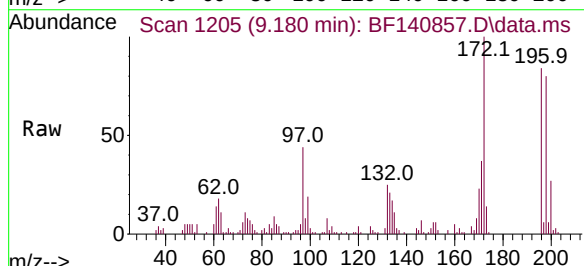
Ion Ratio Lower Upper

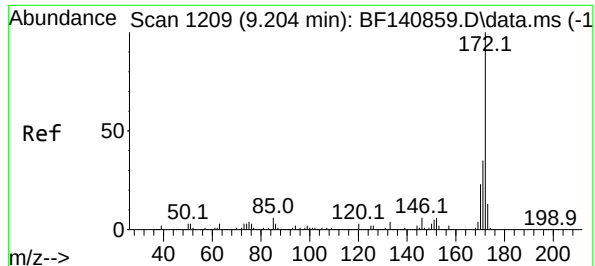
196 100

198 95.2 77.2 115.8

97 52.2 42.2 63.4

132 29.6 23.1 34.7

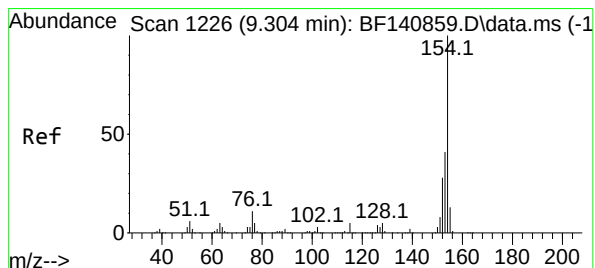
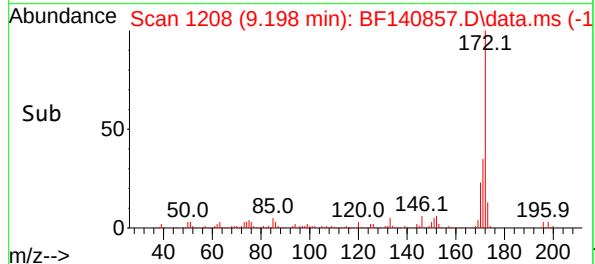
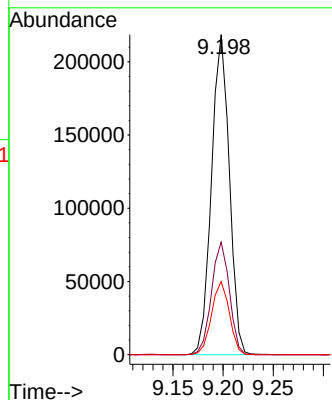
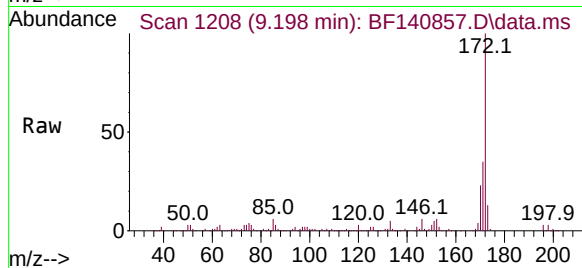




#45
2-Fluorobiphenyl
Concen: 19.381 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

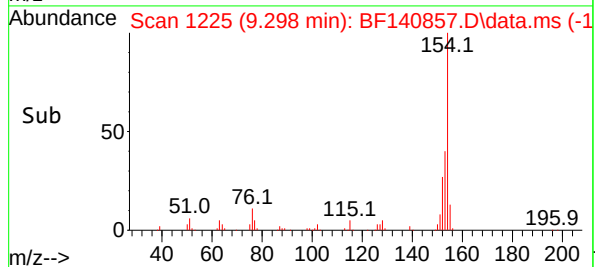
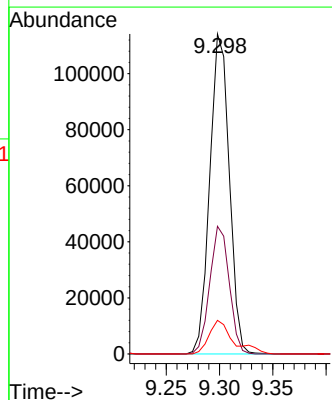
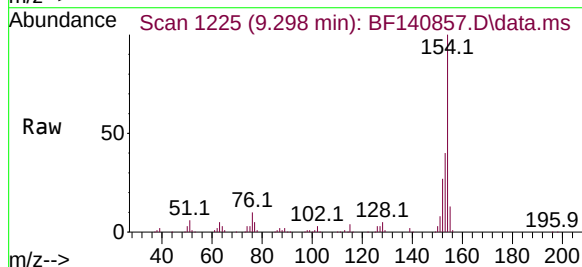
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

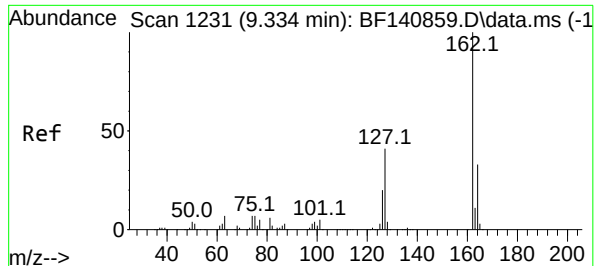
Tgt Ion:172 Resp: 270749
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 22.8 18.6 28.0



#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

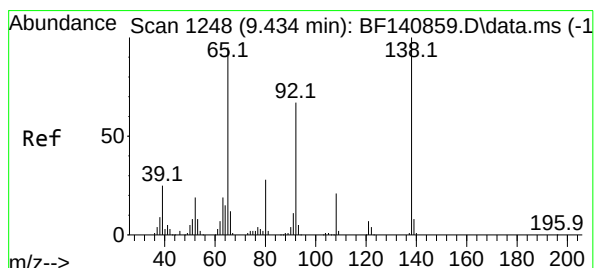
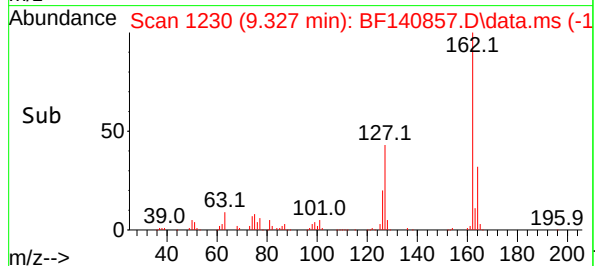
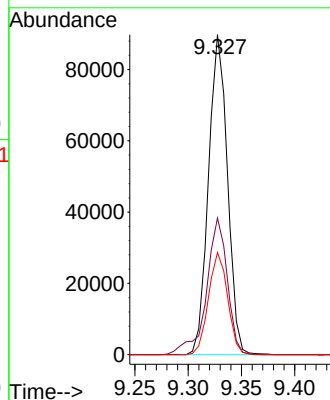
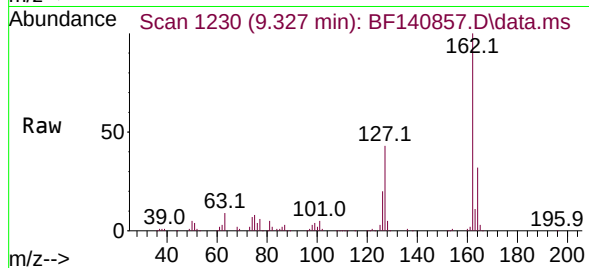
Tgt Ion:162 Resp: 111077

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

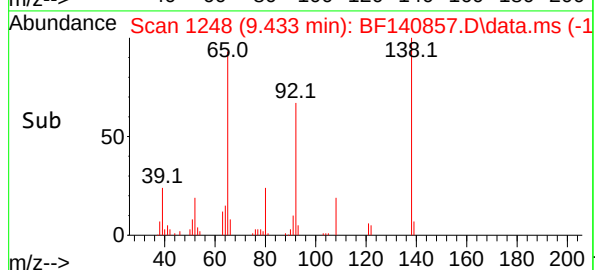
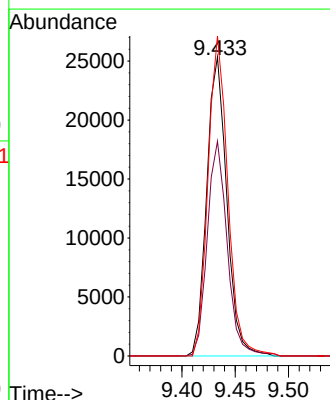
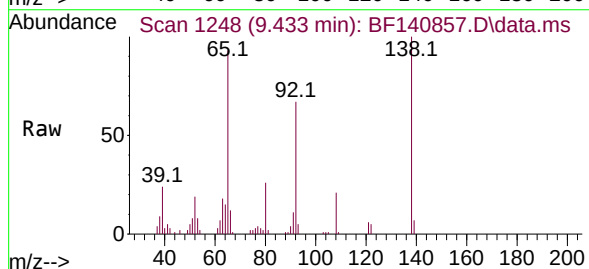
Tgt Ion: 65 Resp: 33225

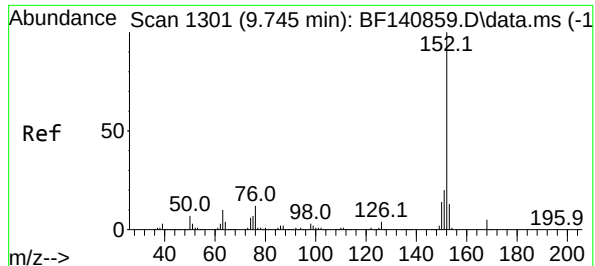
Ion Ratio Lower Upper

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

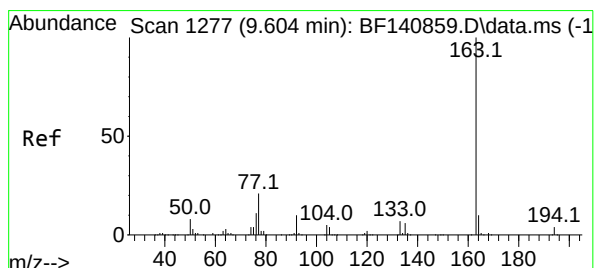
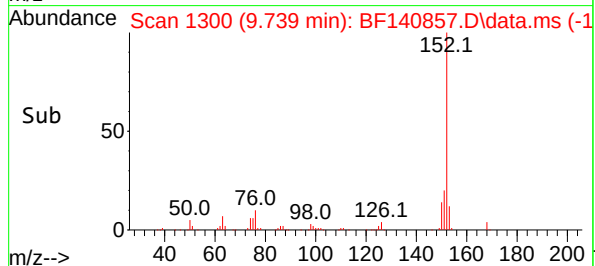
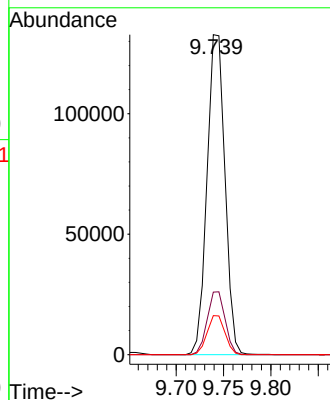
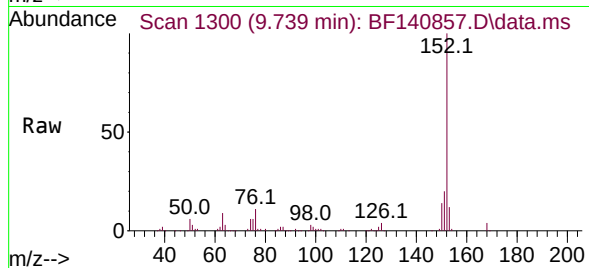
Tgt Ion:152 Resp: 174905

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

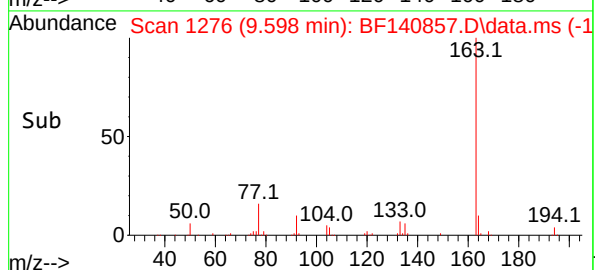
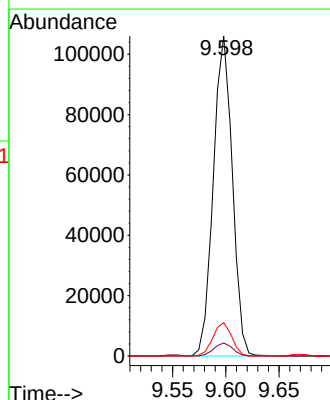
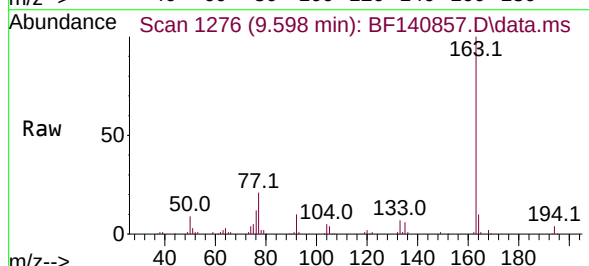
Tgt Ion:163 Resp: 131257

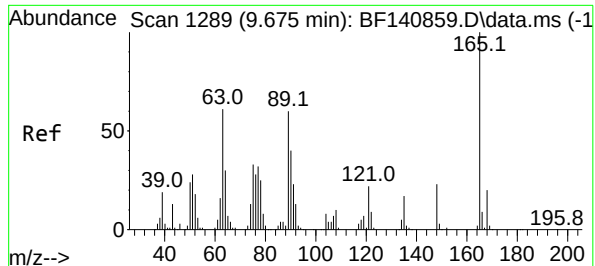
Ion Ratio Lower Upper

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

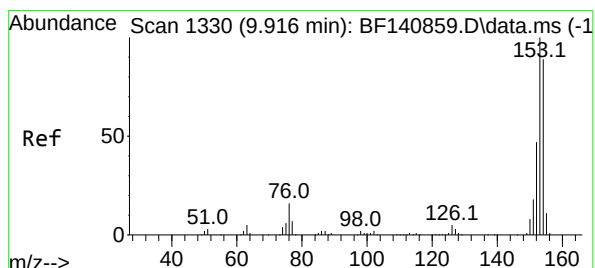
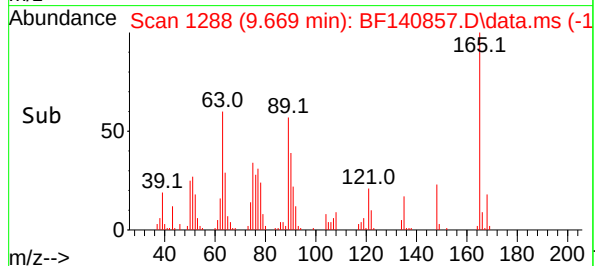
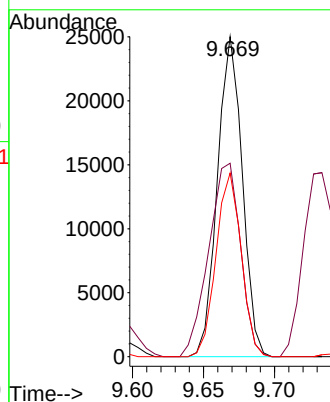
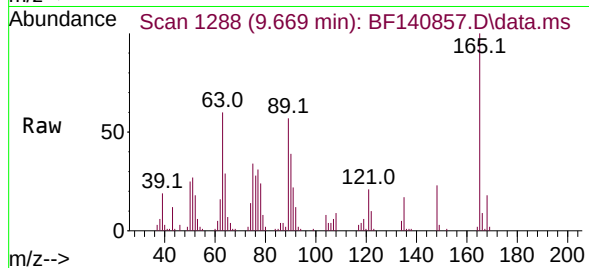
Tgt Ion:165 Resp: 30431

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

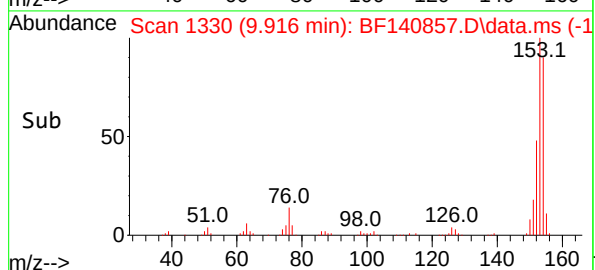
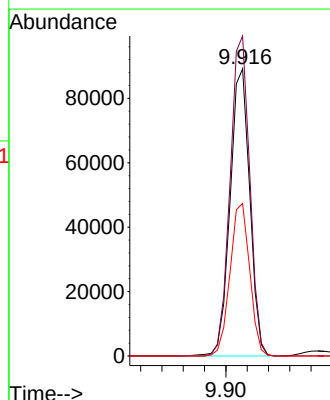
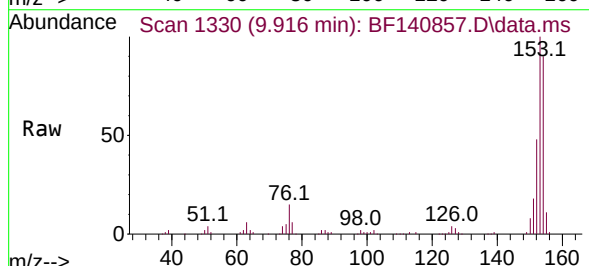
Tgt Ion:154 Resp: 114273

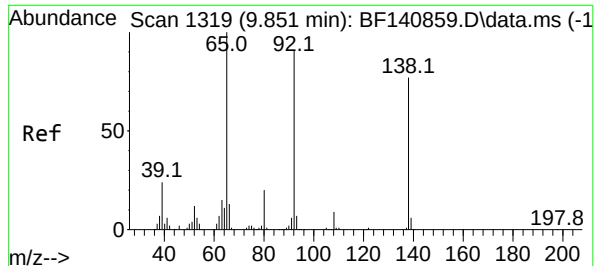
Ion Ratio Lower Upper

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

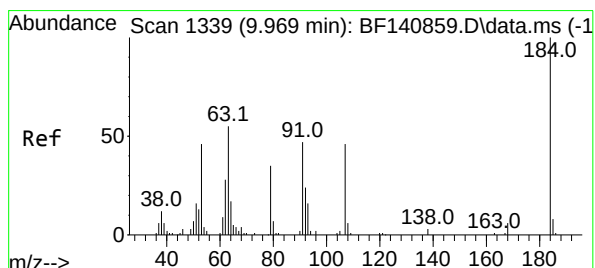
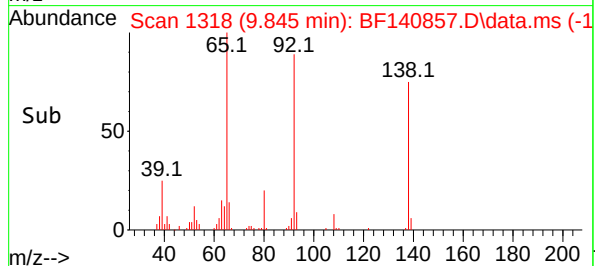
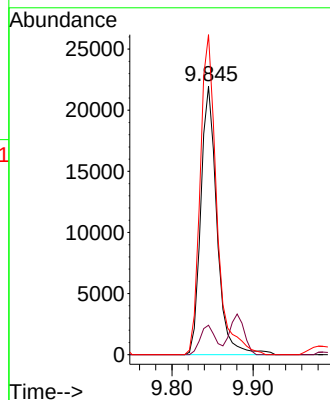
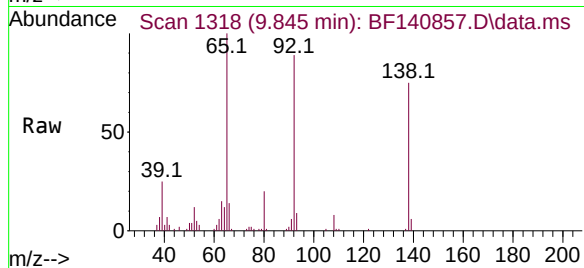
Tgt Ion:138 Resp: 30367

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

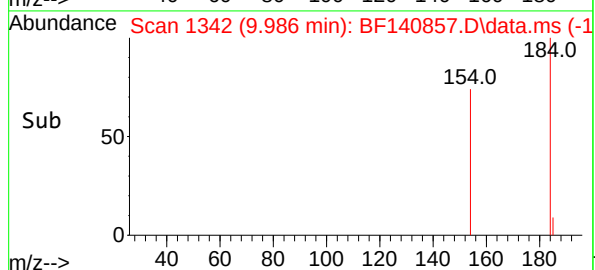
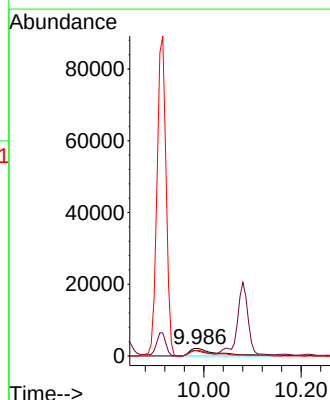
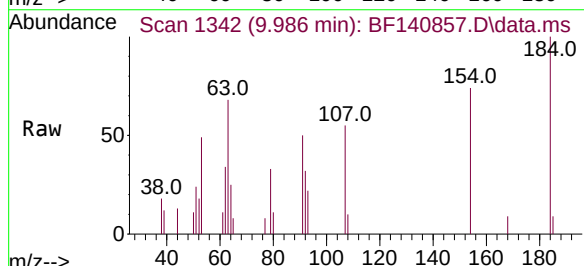
Tgt Ion:184 Resp: 8488

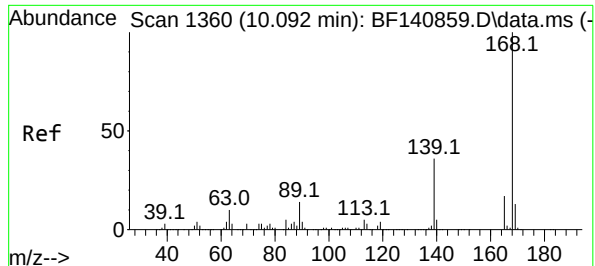
Ion Ratio Lower Upper

184 100

63 67.8 51.6 77.4

154 74.2 56.1 84.1





#55

Dibenzofuran

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

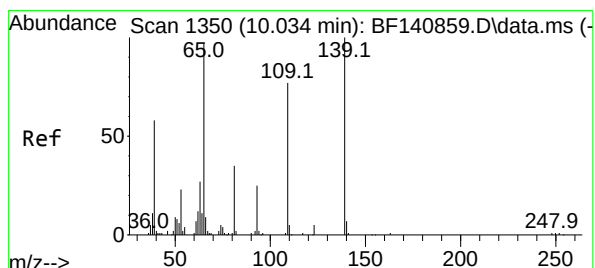
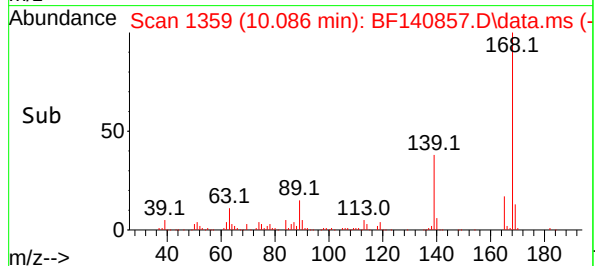
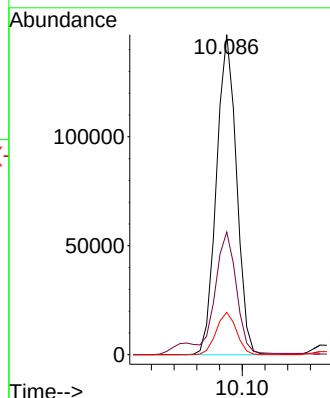
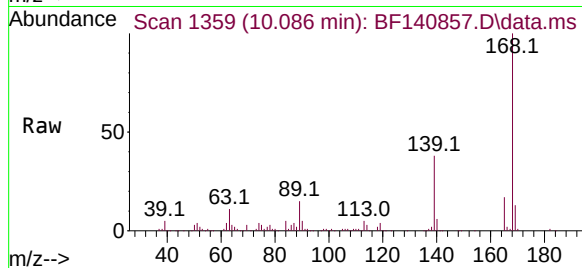
Tgt Ion:168 Resp: 180108

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

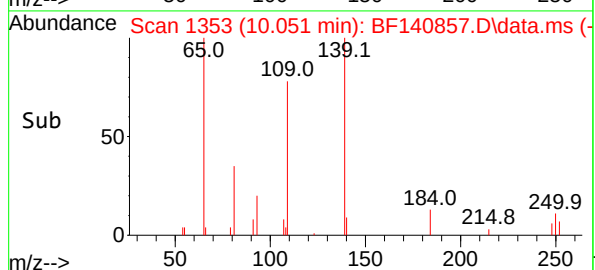
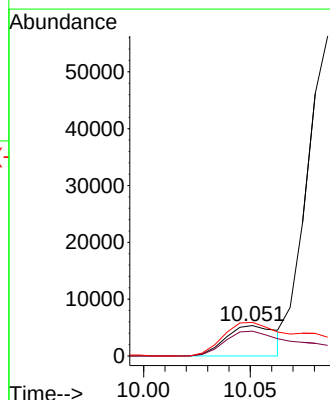
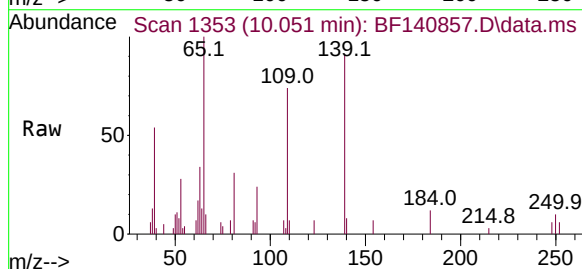
Tgt Ion:139 Resp: 8781

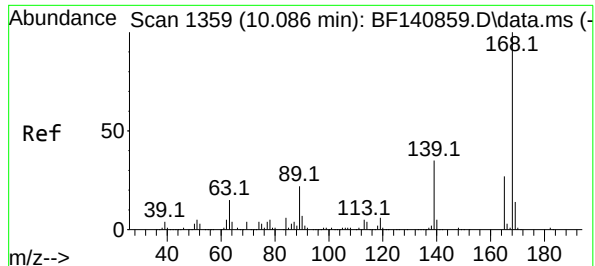
Ion Ratio Lower Upper

139 100

109 81.7 56.7 96.7

65 110.3 78.1 118.1

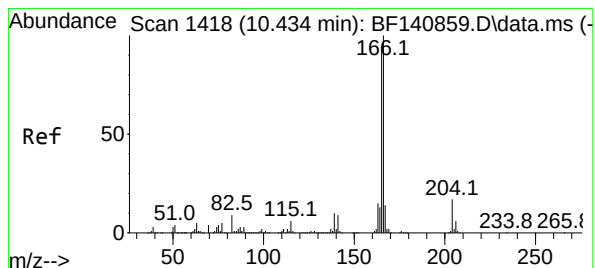
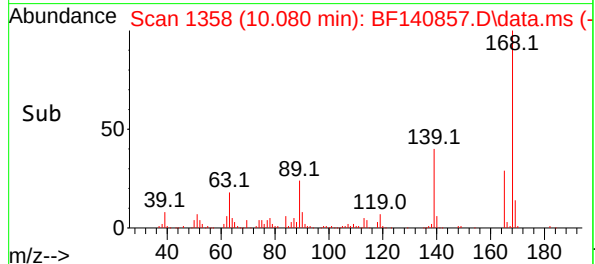
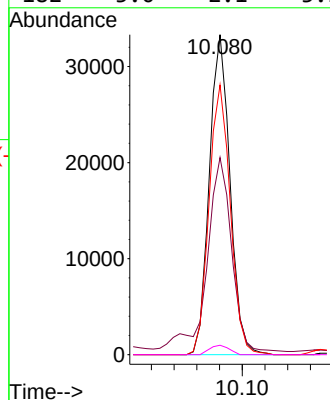
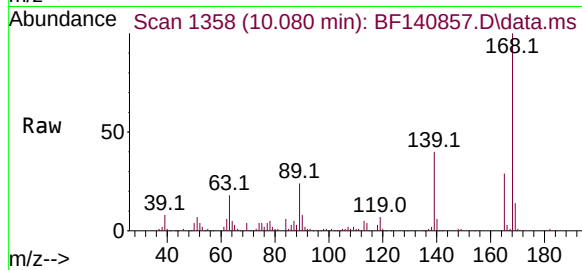




#57
2,4-Dinitrotoluene
Concen: 10.339 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

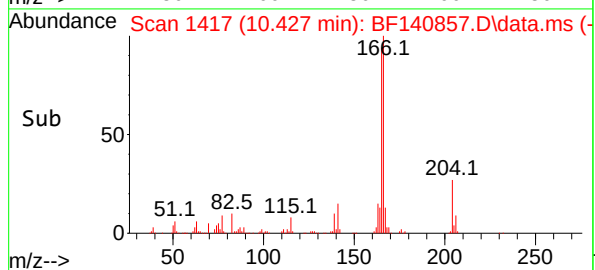
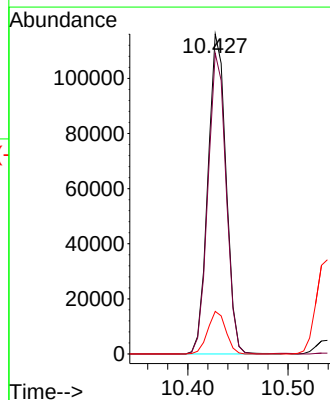
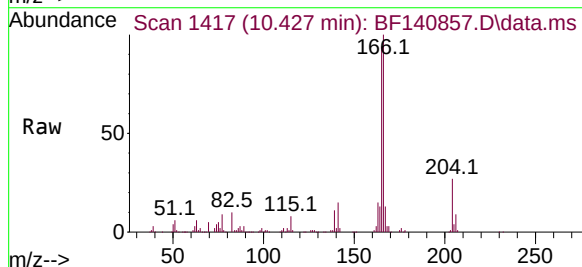
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

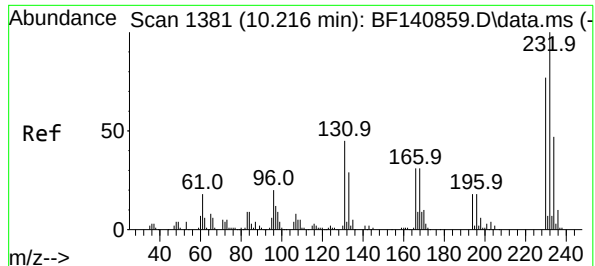
Tgt Ion:165 Resp: 42109
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 84.3 66.2 99.4
182 3.0 2.1 3.1



#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

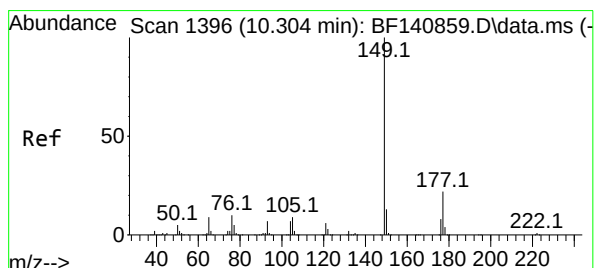
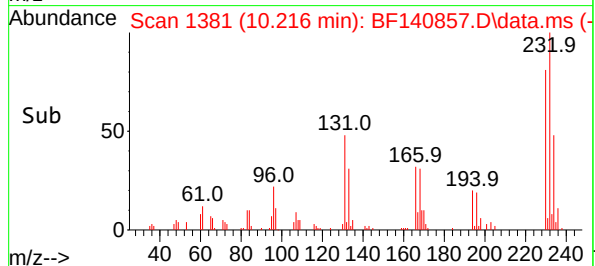
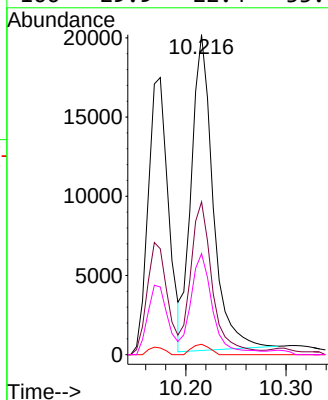
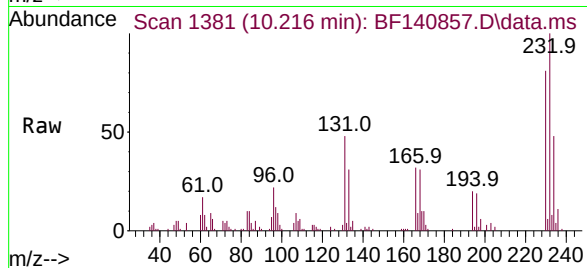




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.251 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

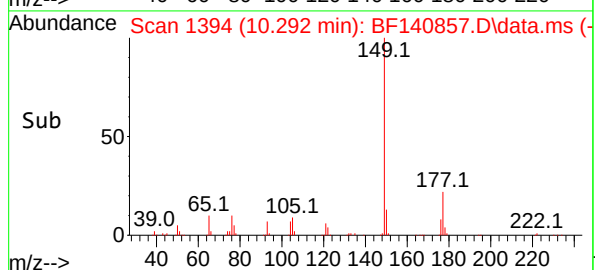
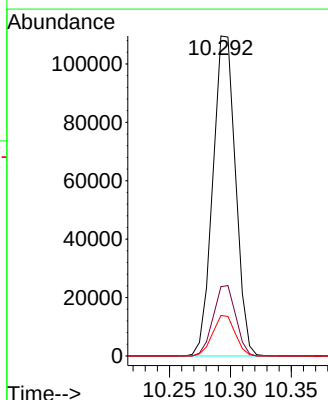
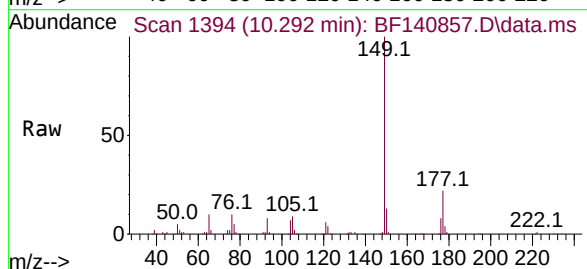
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

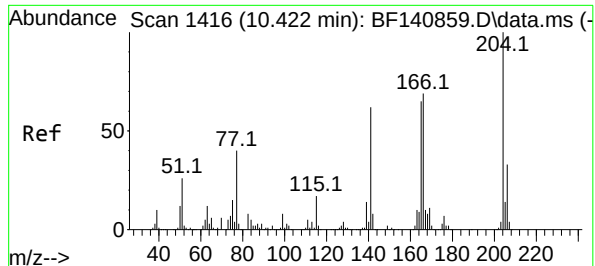
Tgt Ion:232 Resp: 29950
Ion Ratio Lower Upper
232 100
131 48.8 35.1 52.7
130 2.7 1.8 2.8
166 29.9 22.4 33.6



#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

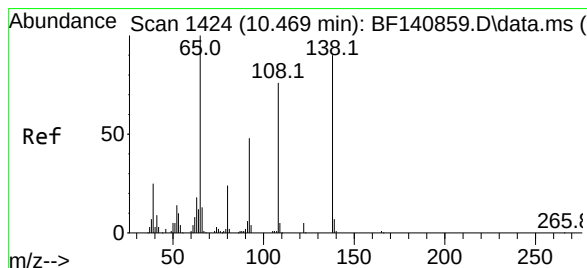
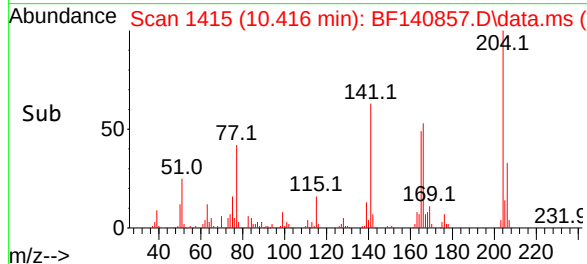
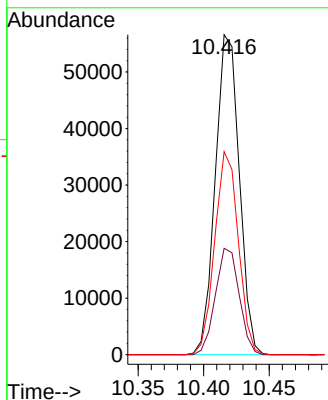
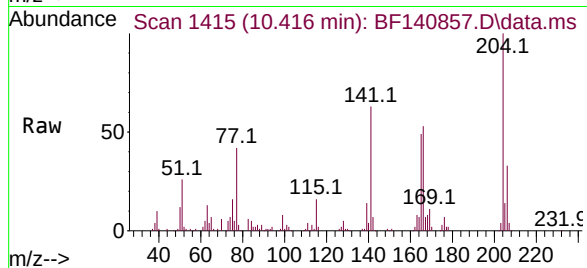




#61
4-Chlorophenyl-phenylether
Concen: 10.224 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

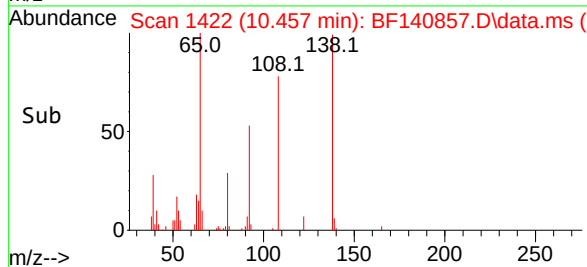
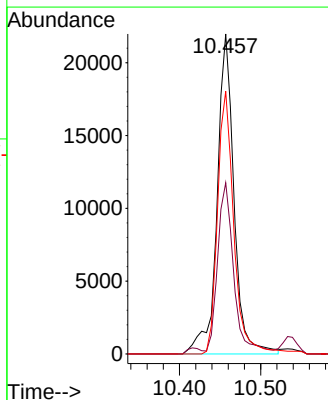
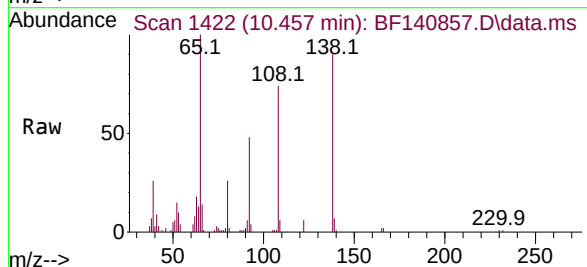
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

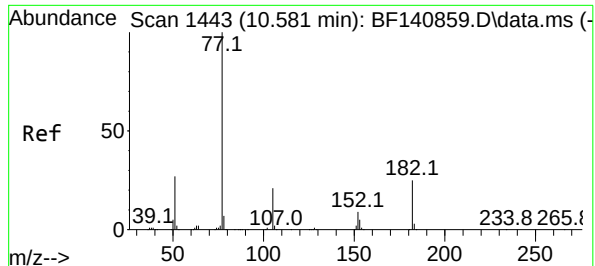
Tgt Ion:204 Resp: 72010
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 63.4 50.0 75.0



#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 Lower Upper
138 100
92 53.5 32.6 72.6
108 82.1 64.1 104.1

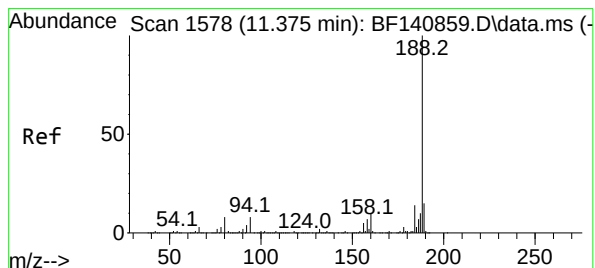
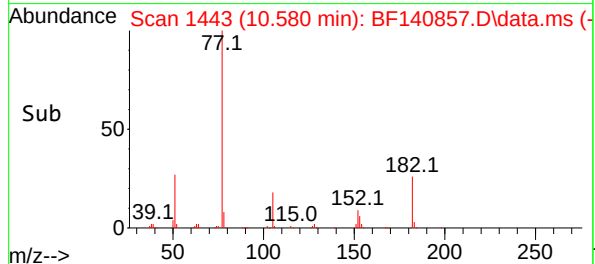
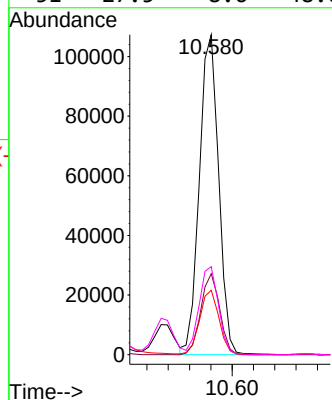
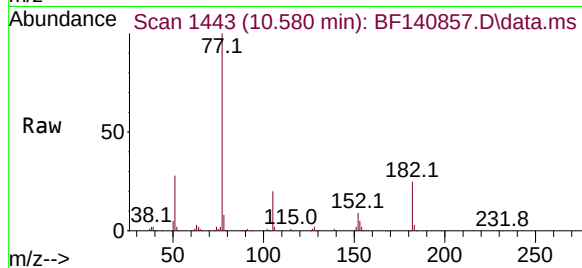




#63
Azobenzene
Concen: 10.267 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

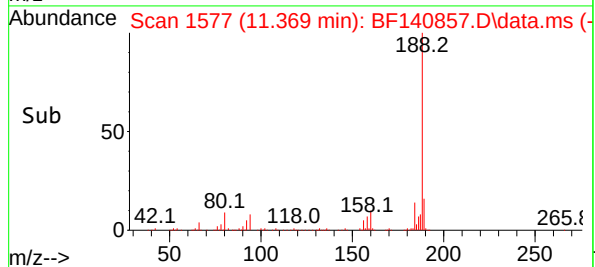
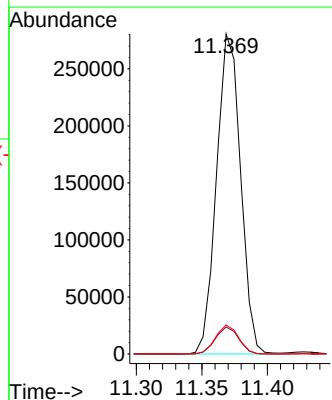
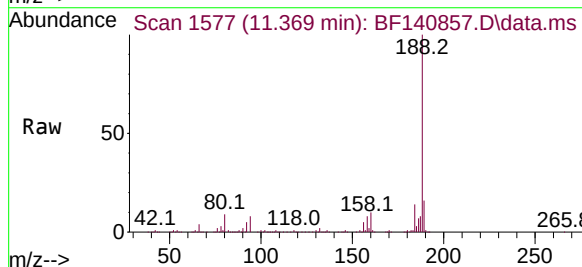
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

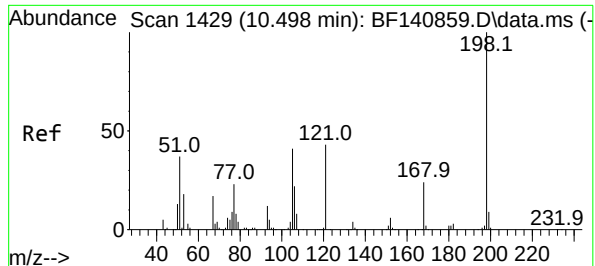
Tgt Ion: 77	Resp: 135524
Ion Ratio	Lower Upper
77	100
182	25.3 4.5 44.5
105	20.1 0.9 40.9
51	27.5 8.6 48.6



#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

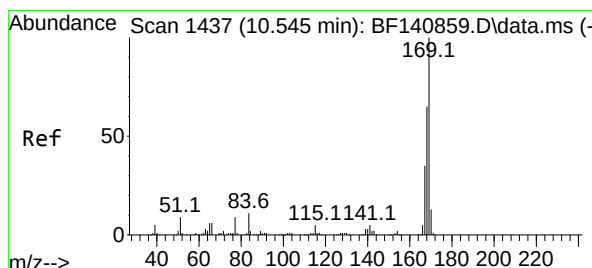
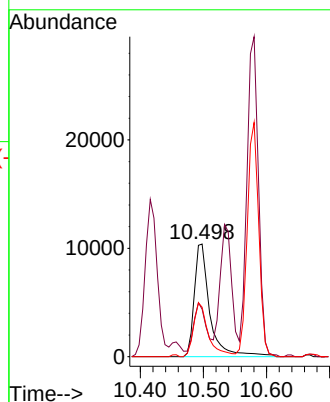
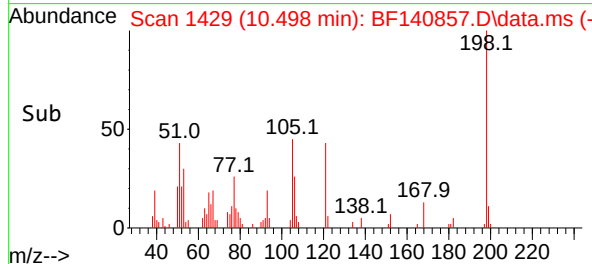
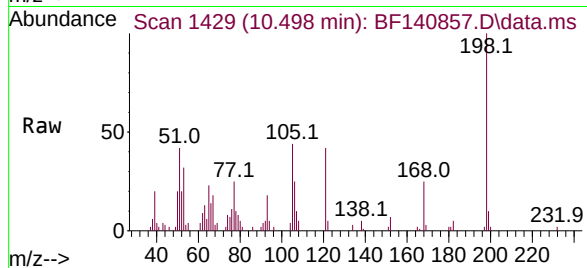




#65
4,6-Dinitro-2-methylphenol
Concen: 8.752 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

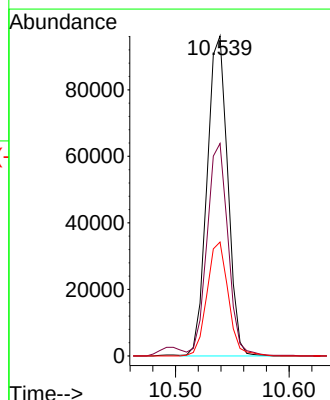
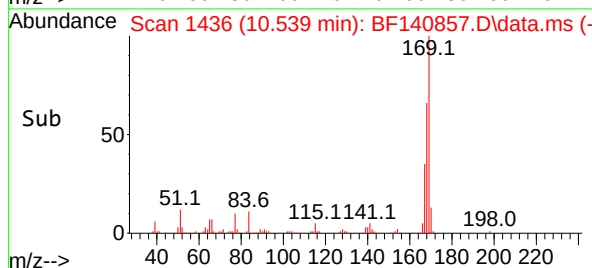
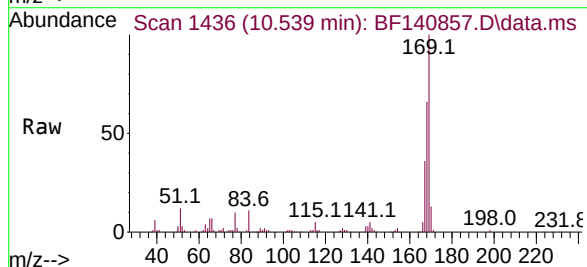
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

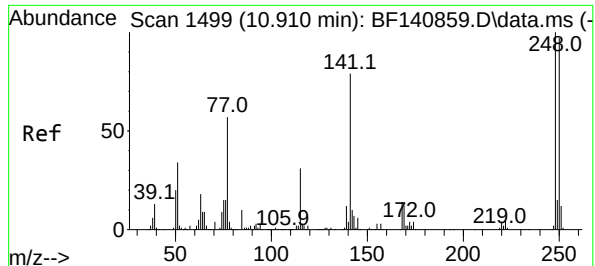
Tgt Ion:198 Resp: 17756
Ion Ratio Lower Upper
198 100
51 42.2 24.4 64.4
105 43.9 22.1 62.1



#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

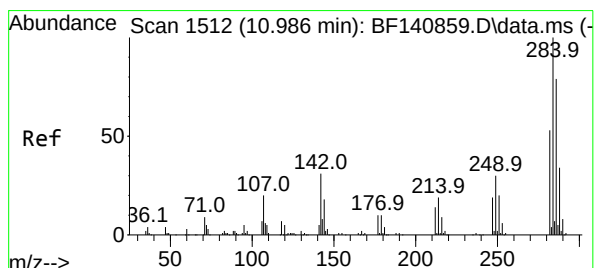
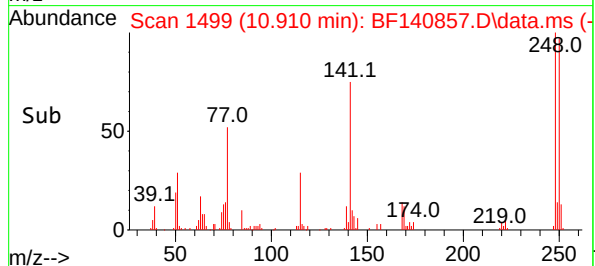
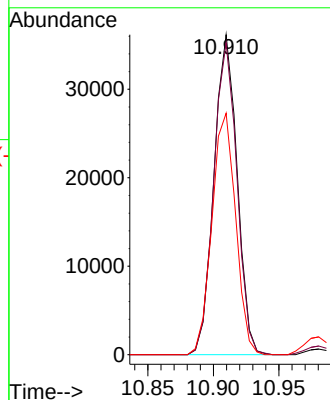
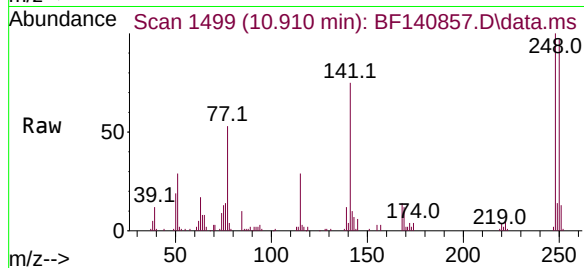




#67
4-Bromophenyl-phenylether
Concen: 11.082 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

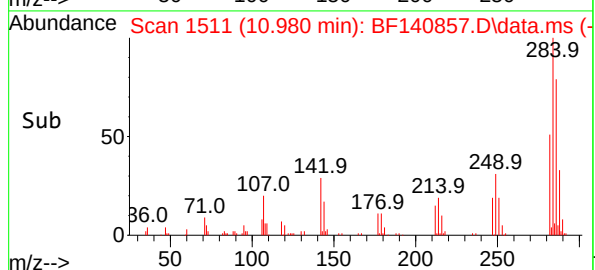
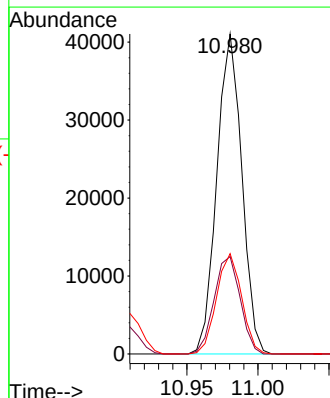
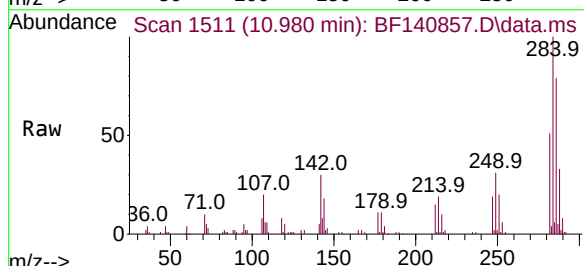
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

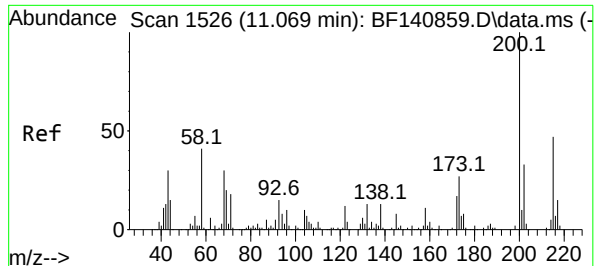
Tgt Ion:248 Resp: 44385
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 75.5 62.9 94.3



#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 :

SSTDIC010

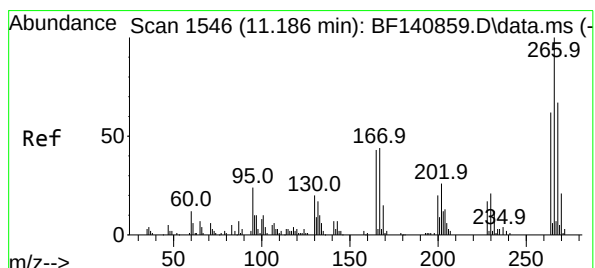
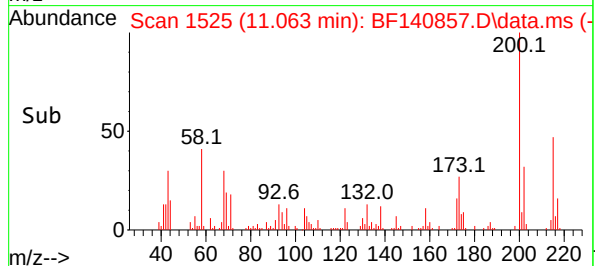
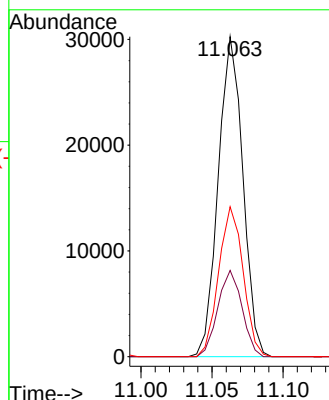
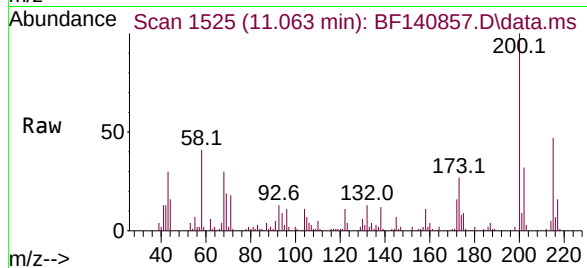
Tgt Ion:200 Resp: 36472

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

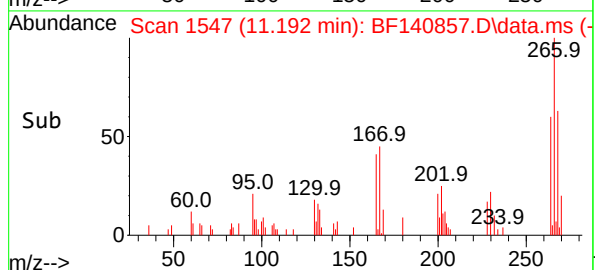
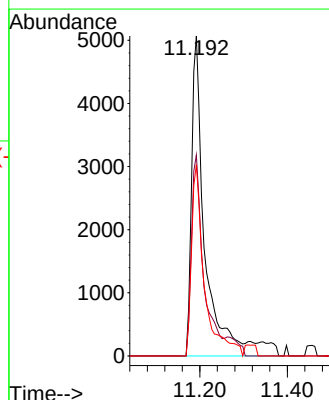
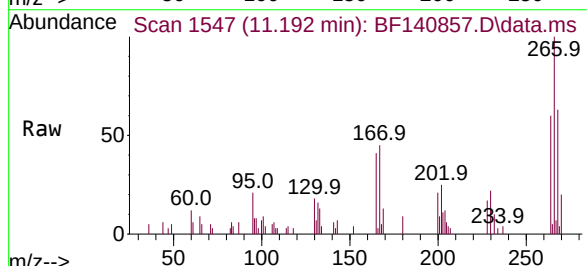
Tgt Ion:266 Resp: 11171

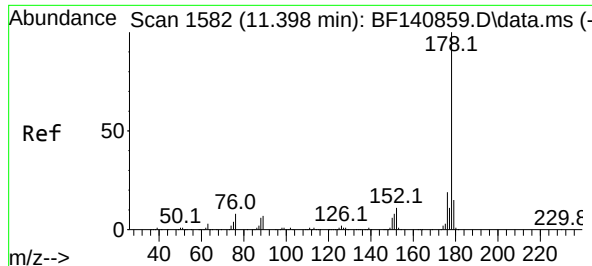
Ion Ratio Lower Upper

266 100

268 62.8 54.0 81.0

264 59.7 49.4 74.2

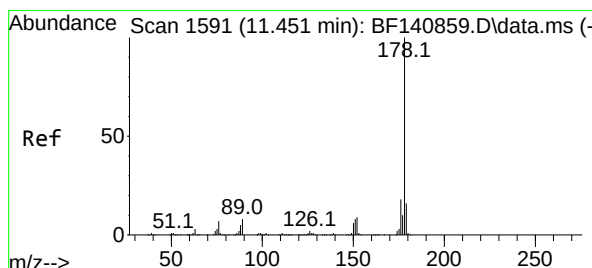
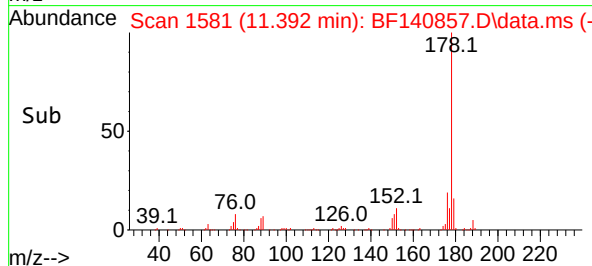
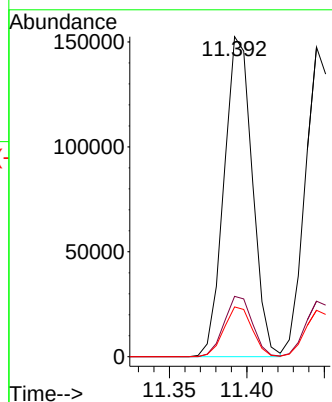
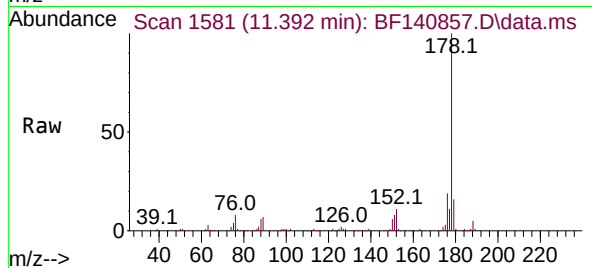




#71
Phenanthrene
Concen: 10.510 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

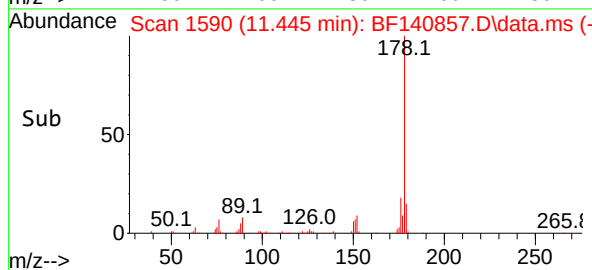
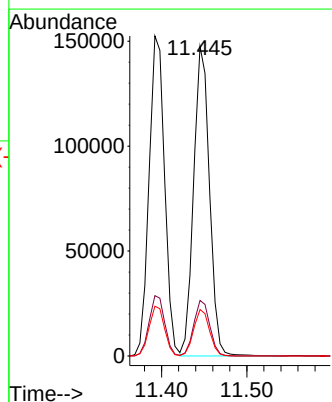
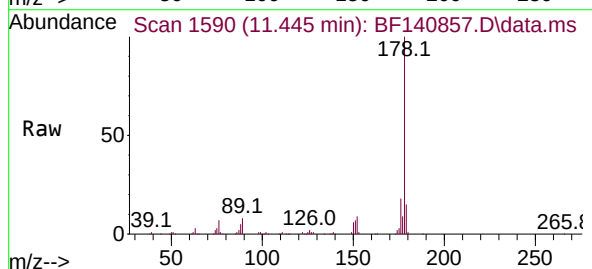
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

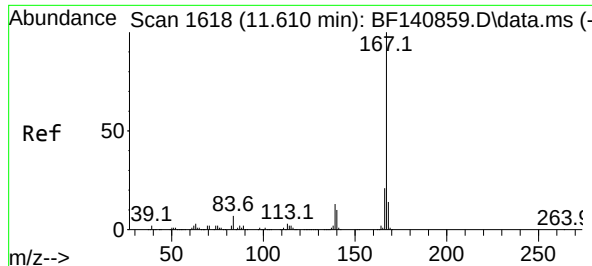
Tgt Ion:178 Resp: 193504
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.1 18.1



#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

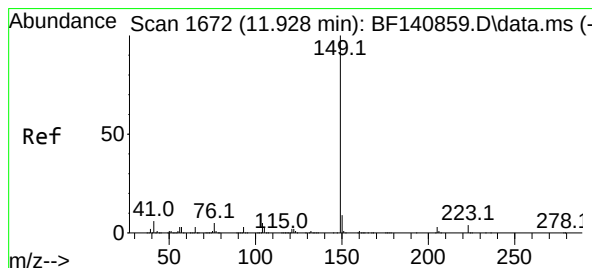
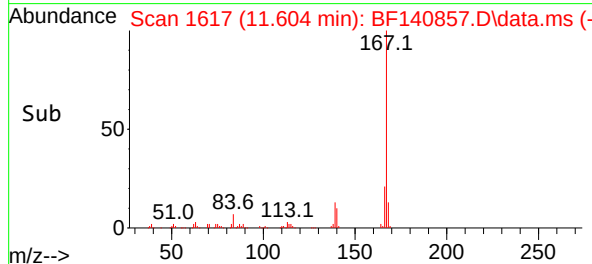
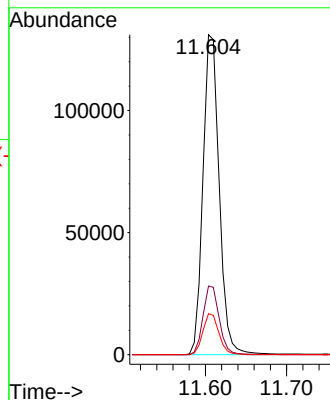
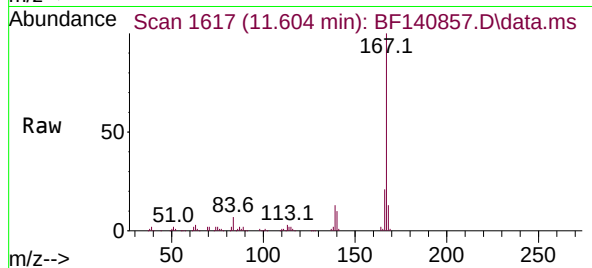




#73
Carbazole
Concen: 10.259 ng
RT: 11.604 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

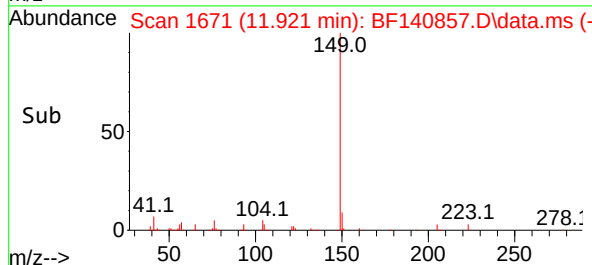
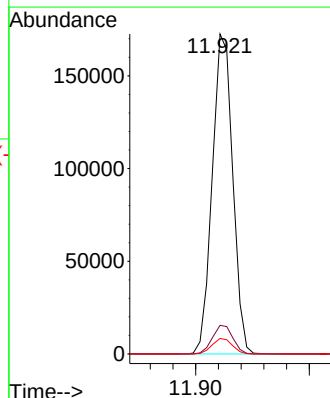
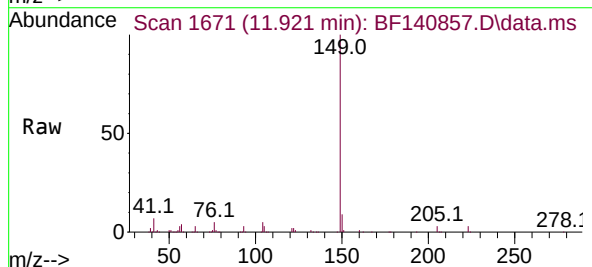
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

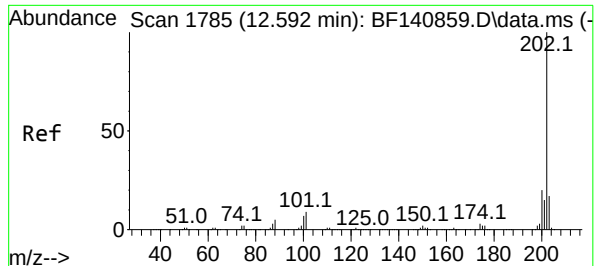
Tgt Ion:167 Resp: 182199
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 12.8 10.2 15.2



#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

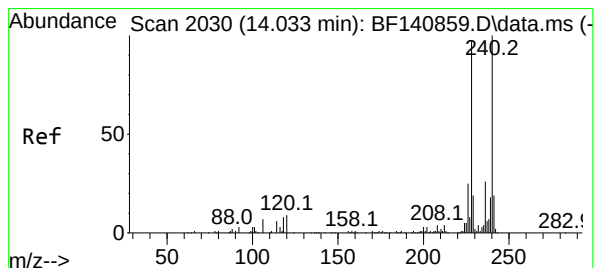
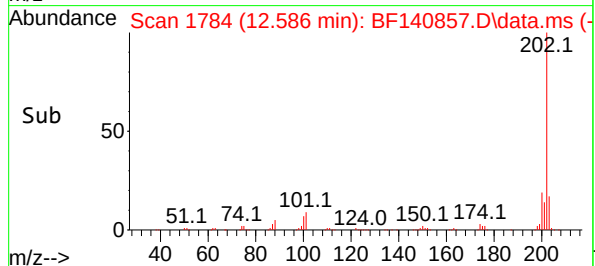
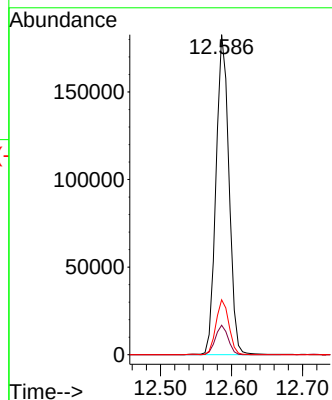
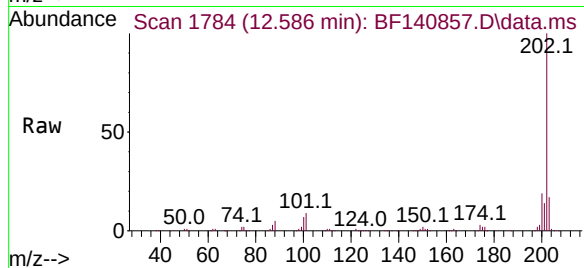




#75
Fluoranthene
Concen: 10.896 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

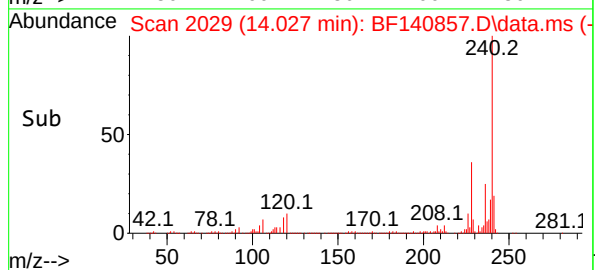
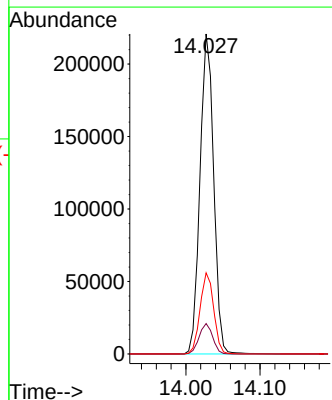
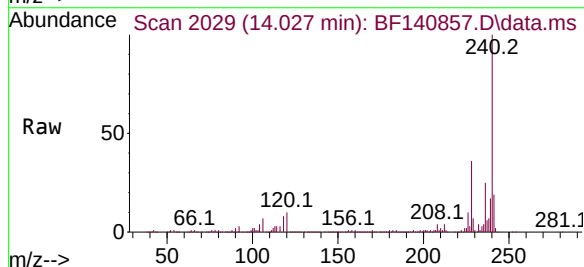
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

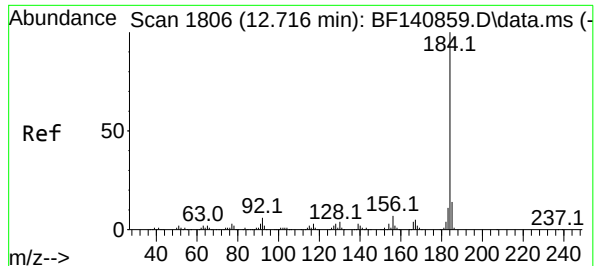
Tgt Ion:202 Resp: 231038
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.3
203 17.1 0.0 37.4



#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

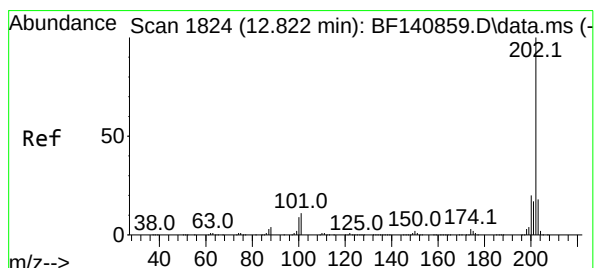
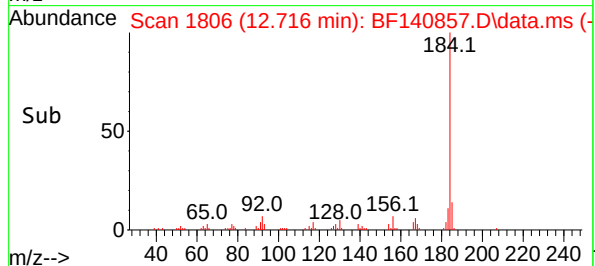
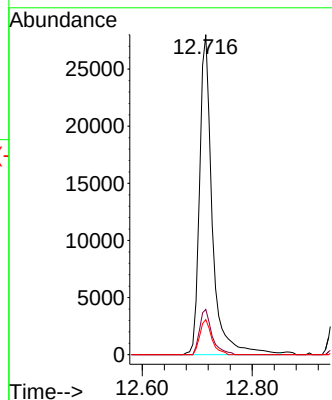
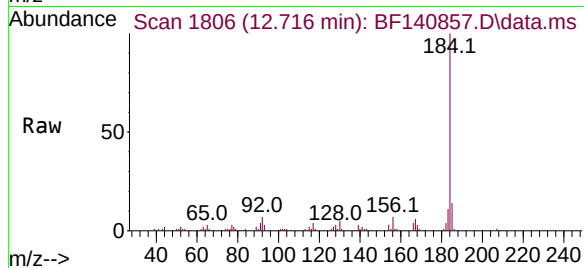




#77
Benzidine
Concen: 7.818 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

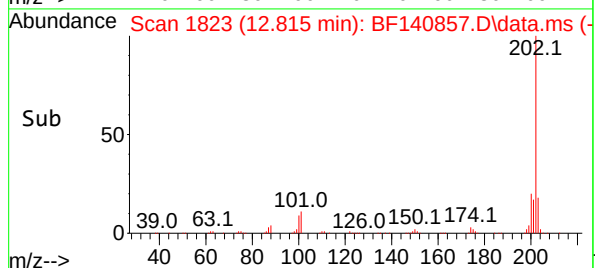
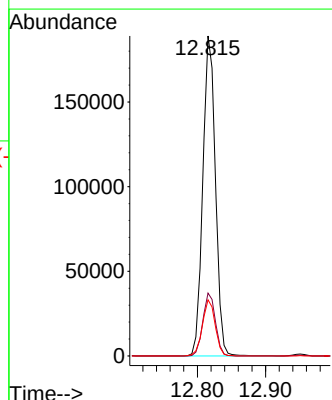
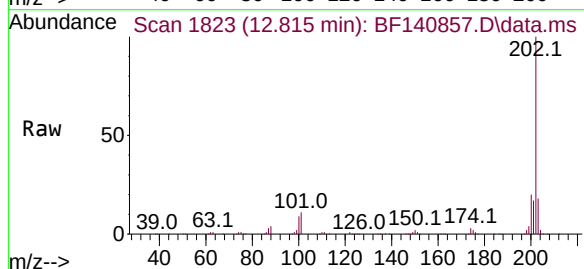
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

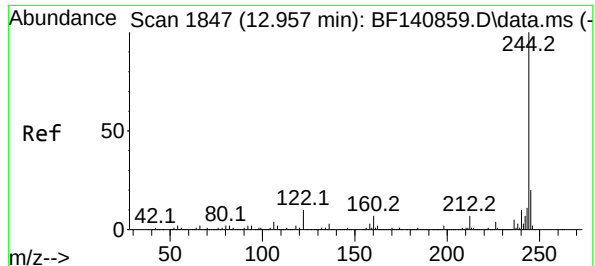
Tgt Ion:184 Resp: 45074
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 11.0 9.0 13.4



#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

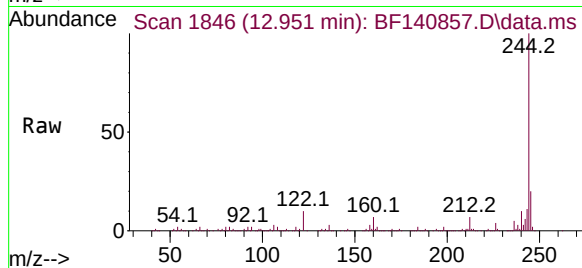
Acq: 16 Dec 2024 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



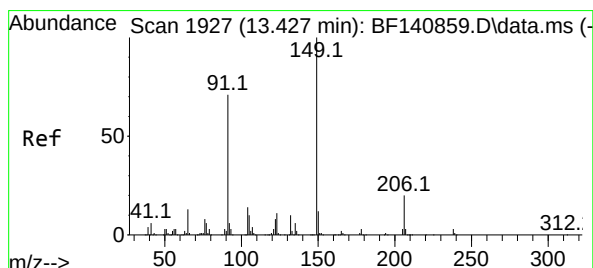
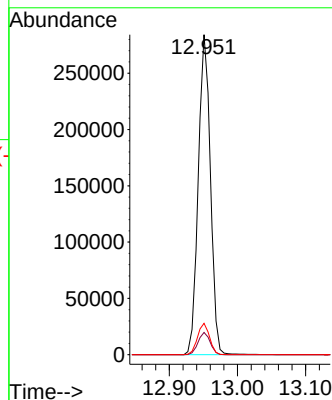
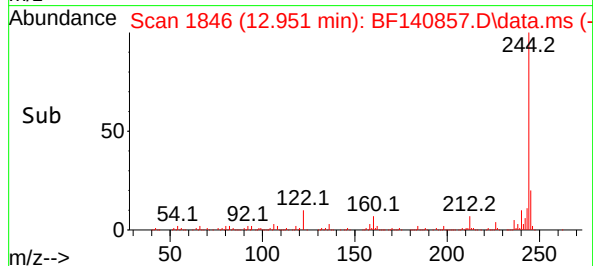
Tgt Ion:244 Resp: 352398

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

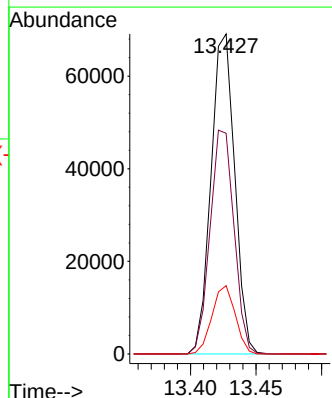
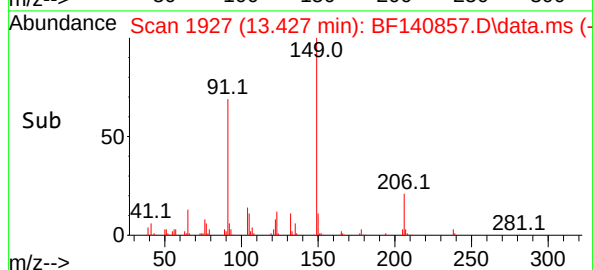
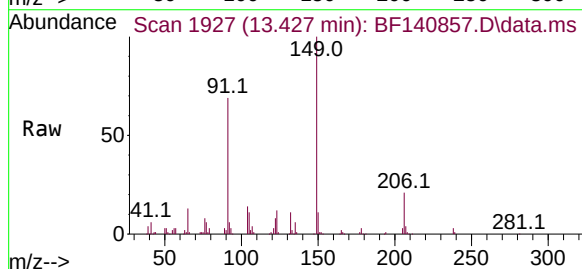
Tgt Ion:149 Resp: 86987

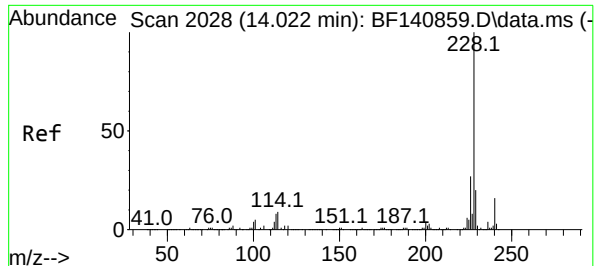
Ion Ratio Lower Upper

149 100

91 69.0 56.7 85.1

206 21.4 16.4 24.6

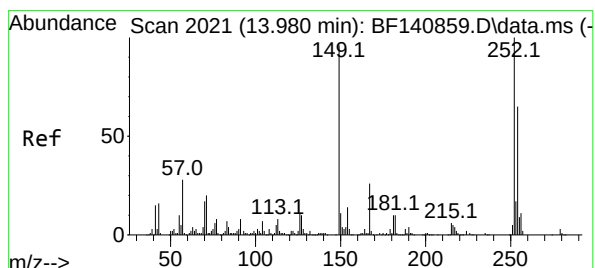
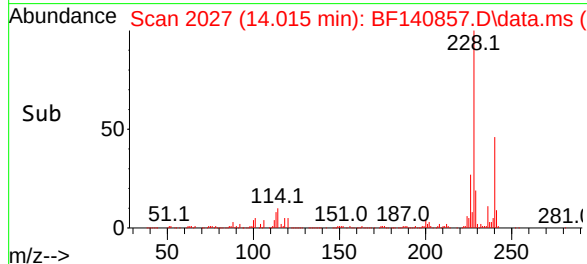
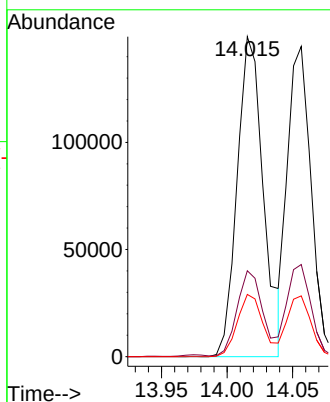
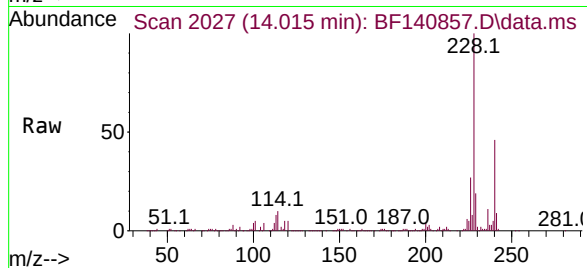




#81
Benzo(a)anthracene
Concen: 10.395 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

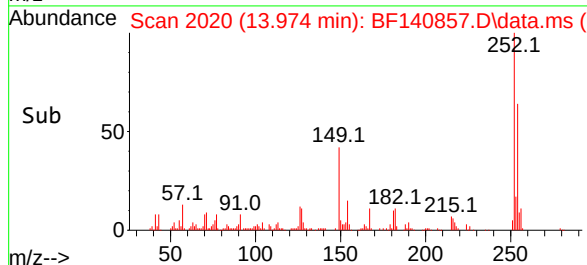
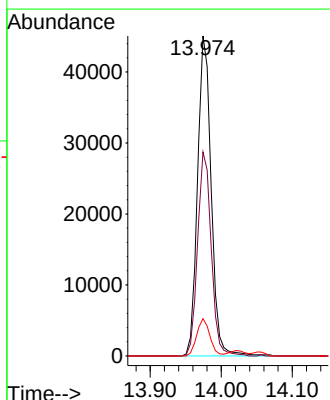
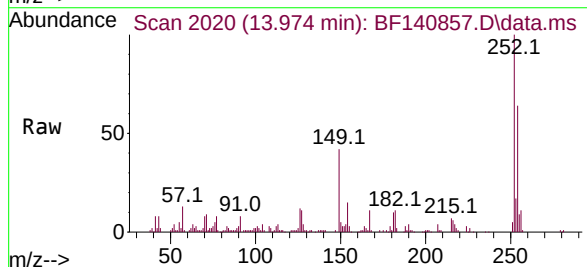
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

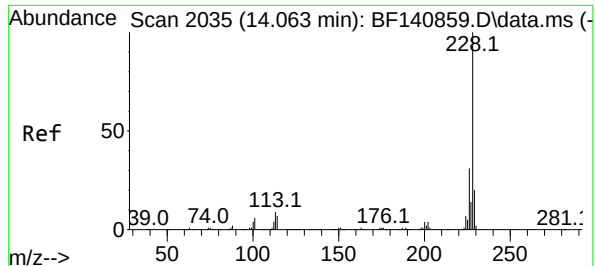
Tgt Ion:228 Resp: 208127
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.5 15.8 23.8



#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

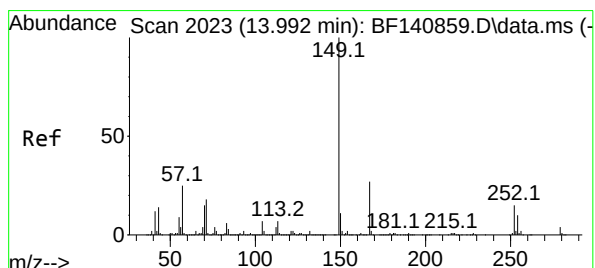
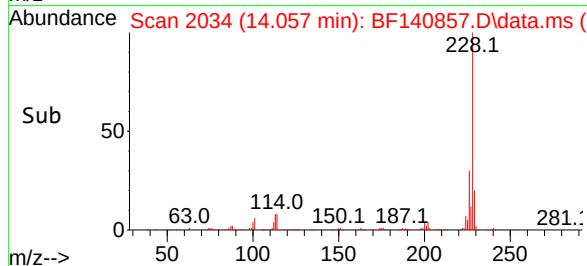
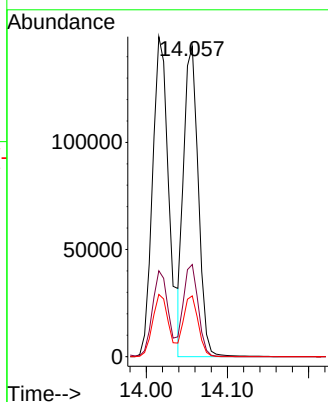
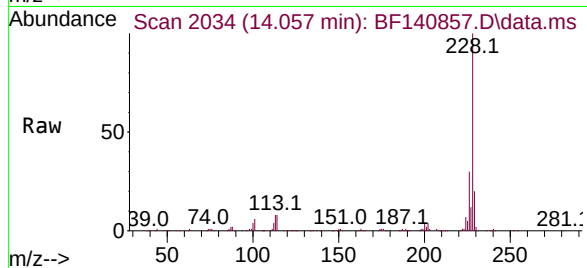
Tgt Ion:228 Resp: 181387

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

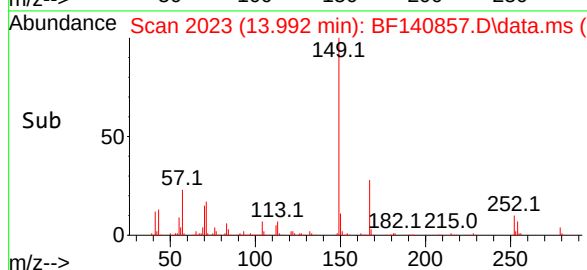
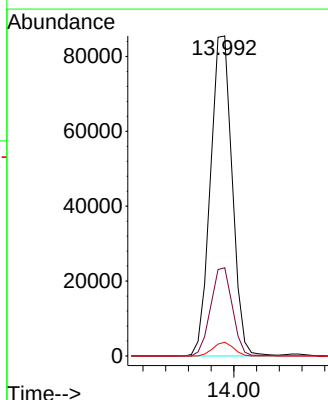
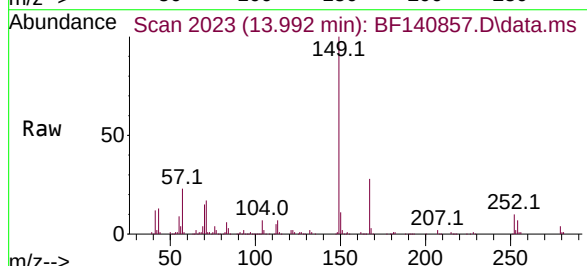
Tgt Ion:149 Resp: 113963

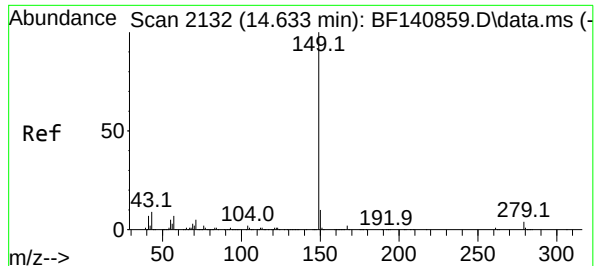
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.3 3.5 5.3

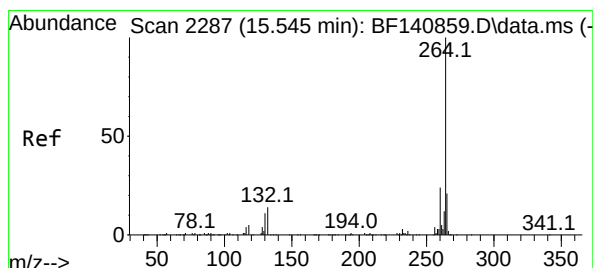
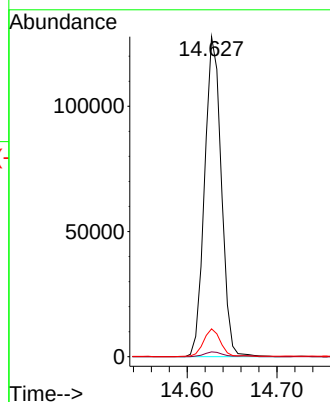
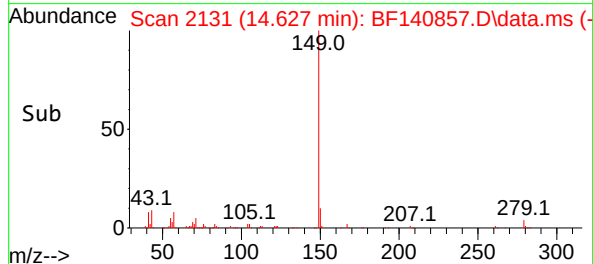
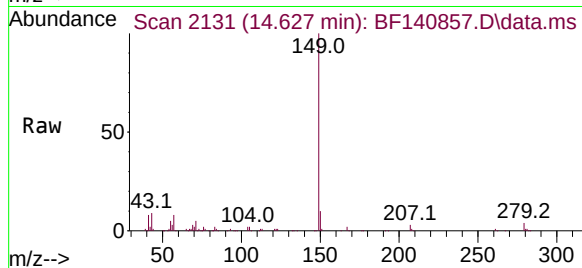




#85
Di-n-octyl phthalate
Concen: 9.161 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

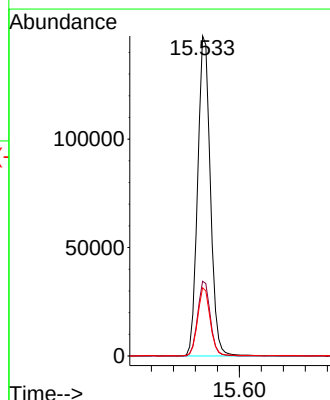
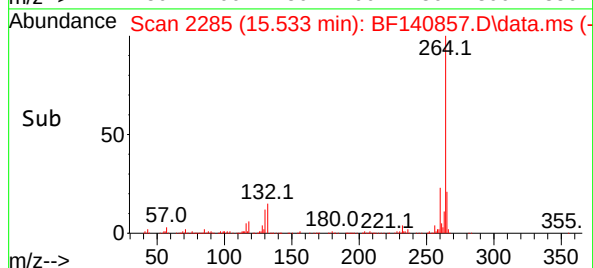
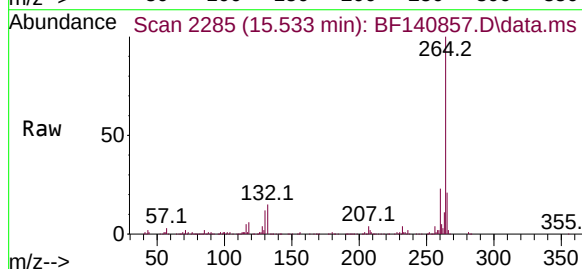
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

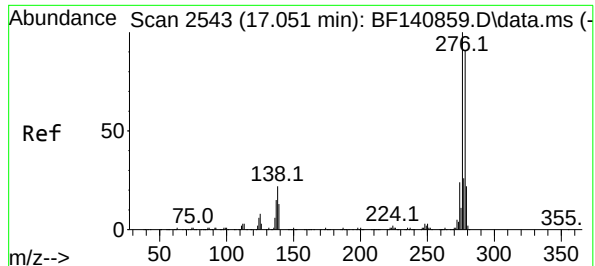
Tgt Ion:149 Resp: 165198
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.0 10.6



#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

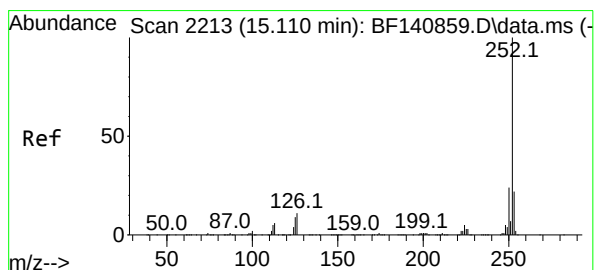
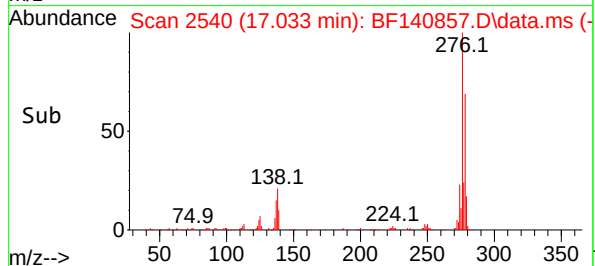
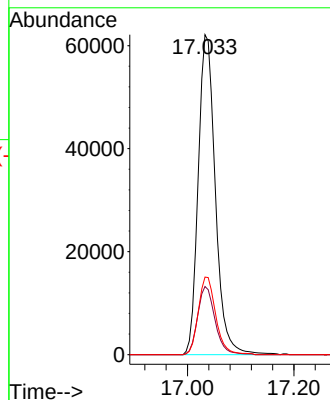
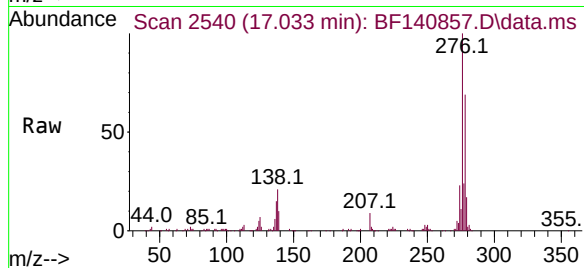




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.405 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140857.D
Acq: 16 Dec 2024 13:05

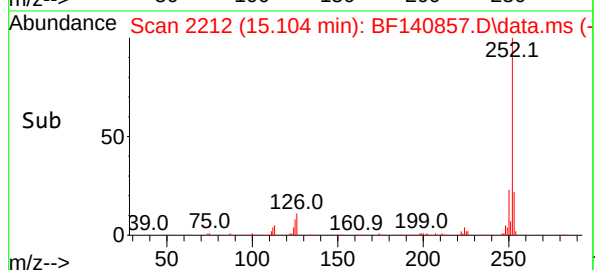
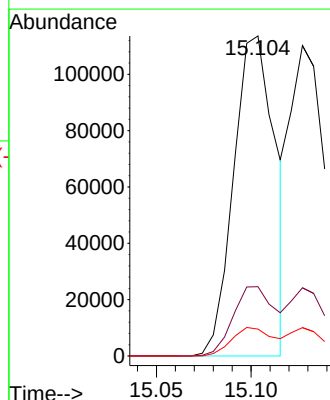
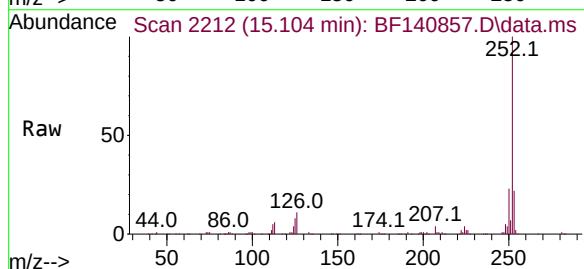
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

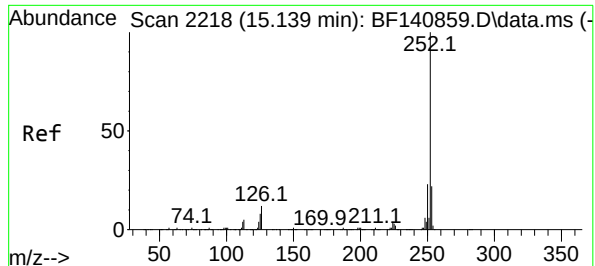
Tgt Ion:276 Resp: 138792
Ion Ratio Lower Upper
276 100
138 21.6 16.9 25.3
277 24.7 20.2 30.4



#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

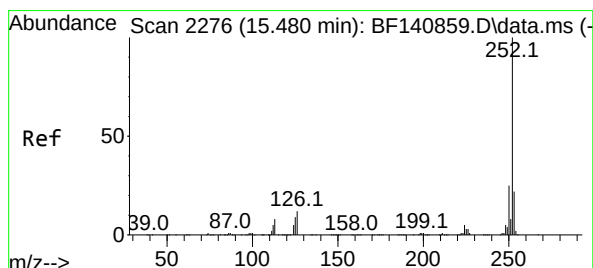
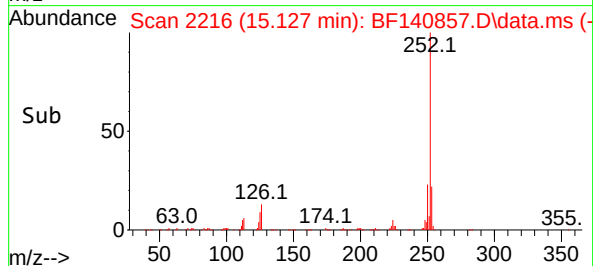
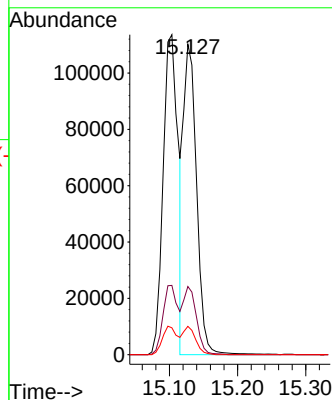
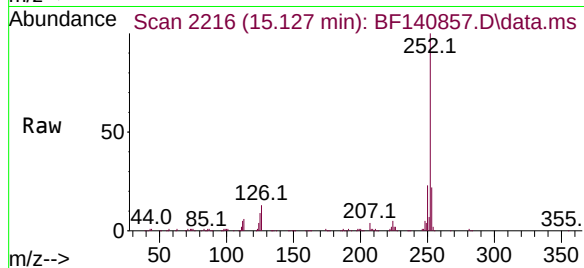
Tgt Ion:252 Resp: 147840

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

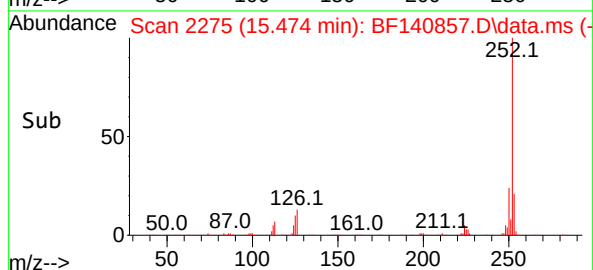
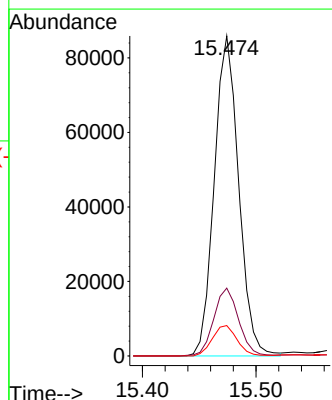
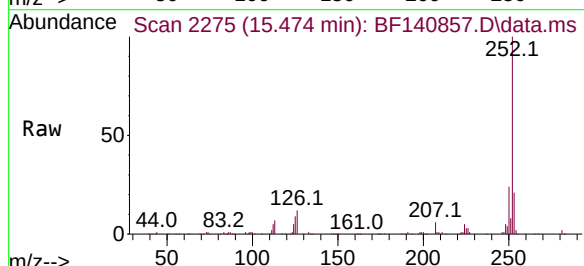
Tgt Ion:252 Resp: 128194

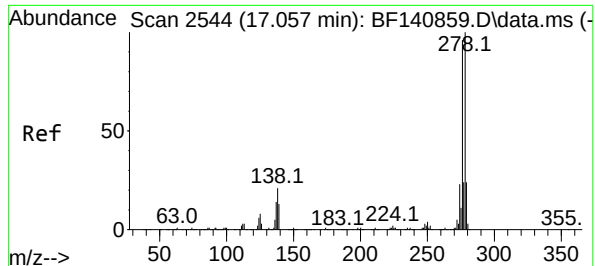
Ion Ratio Lower Upper

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

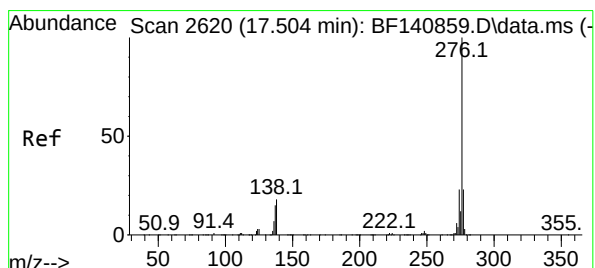
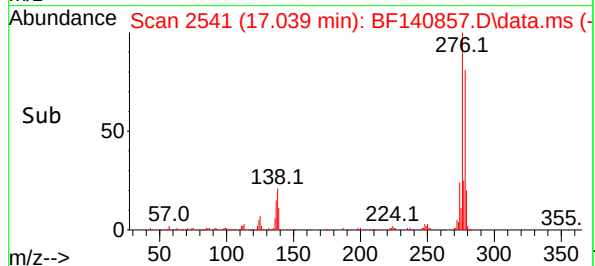
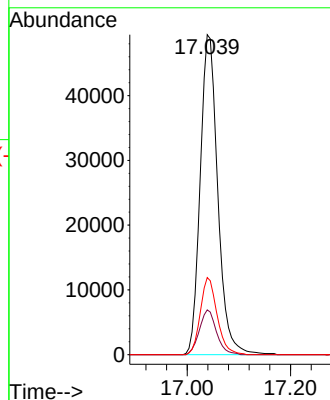
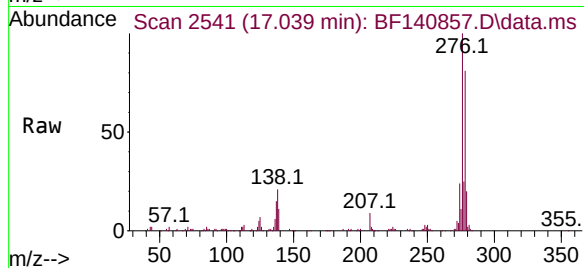
Tgt Ion:278 Resp: 116533

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

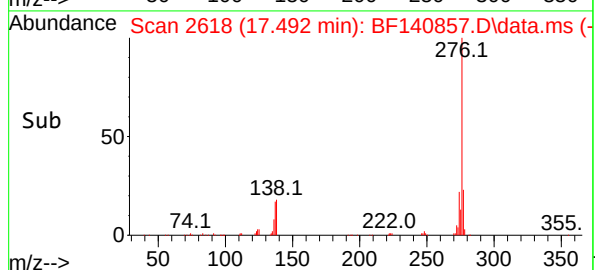
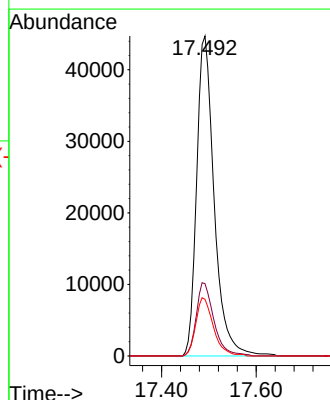
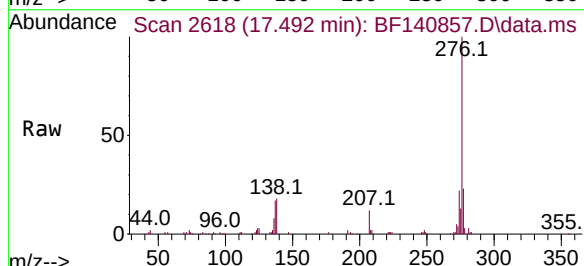
Tgt Ion:276 Resp: 114976

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

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

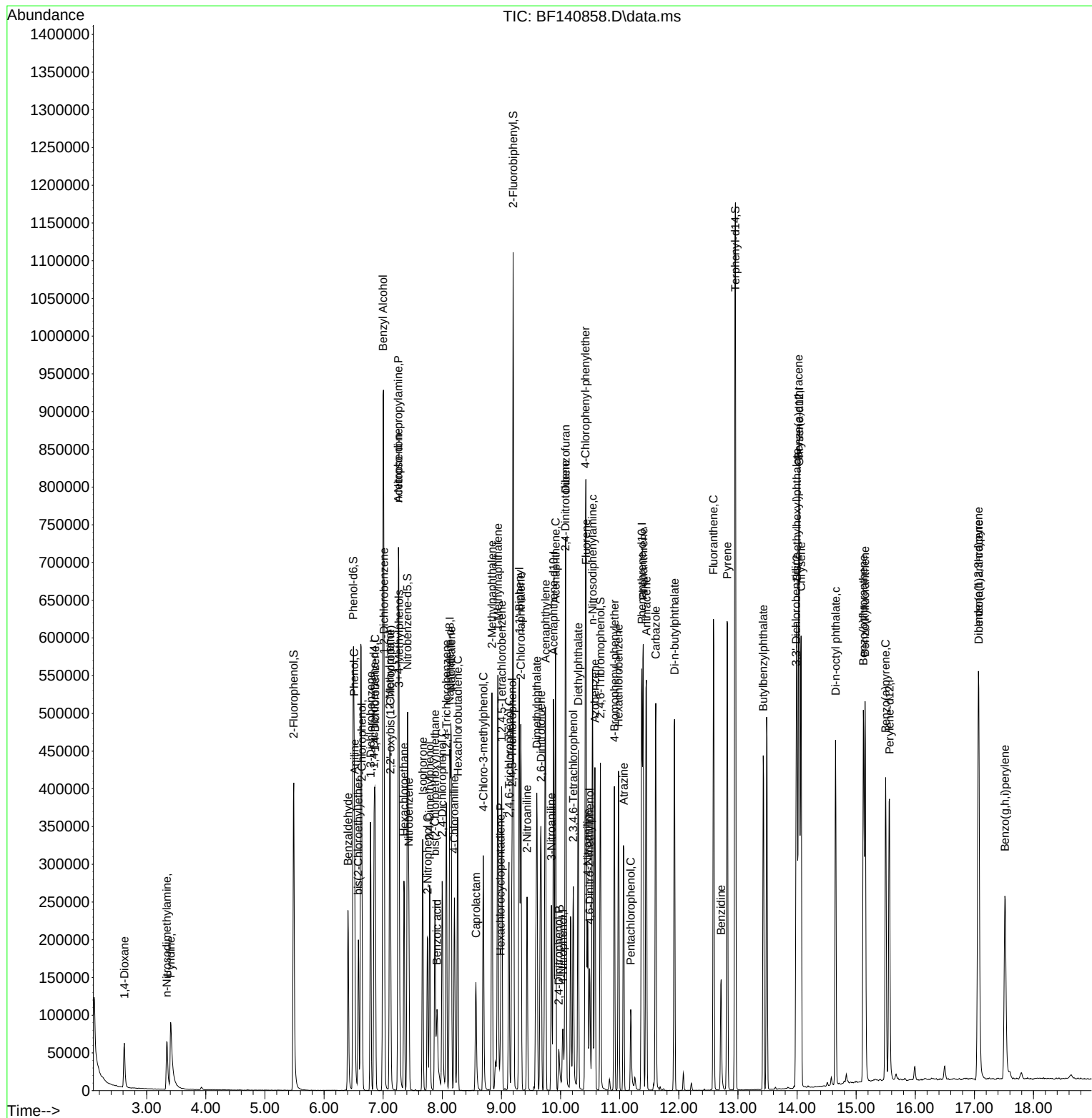
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65450	20.600	ng	99
46) 1,1'-Biphenyl	9.304	154	251662	20.606	ng	98
47) 2-Chloronaphthalene	9.328	162	192611	20.615	ng	98
48) 2-Nitroaniline	9.434	65	57140	20.250	ng	99
49) Acenaphthylene	9.745	152	288710	21.027	ng	99
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

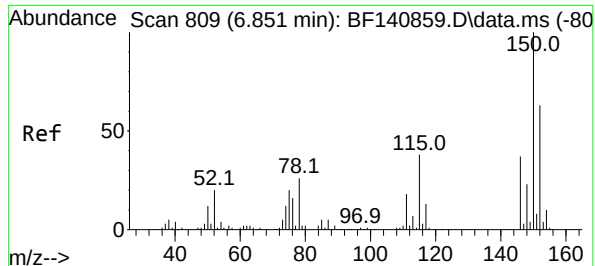
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

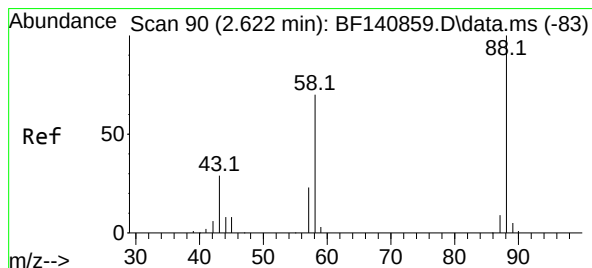
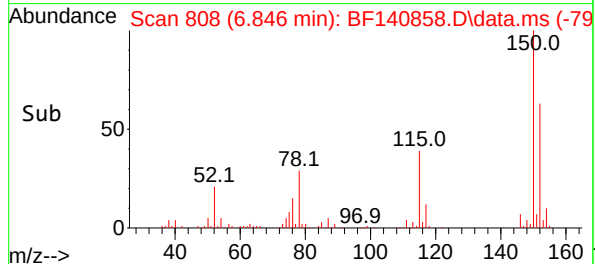
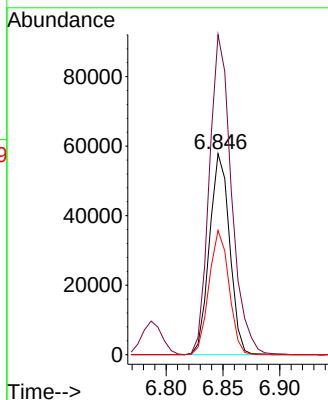
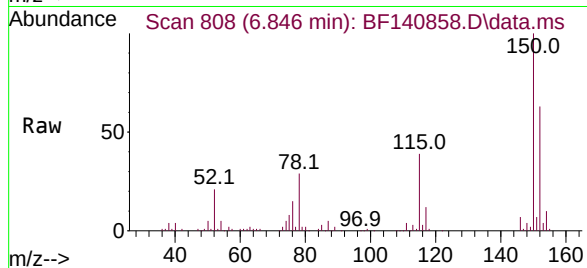




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

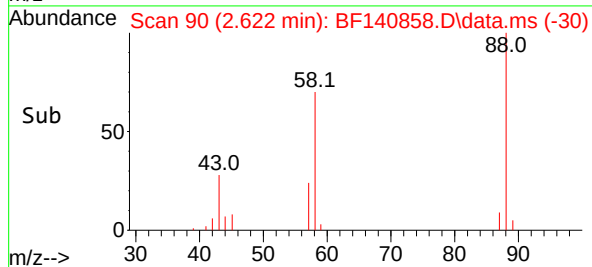
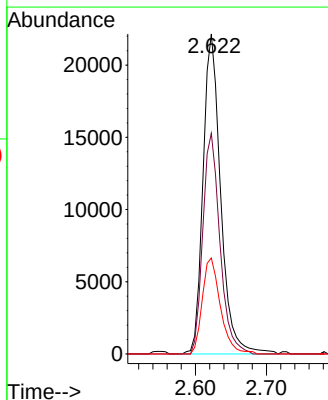
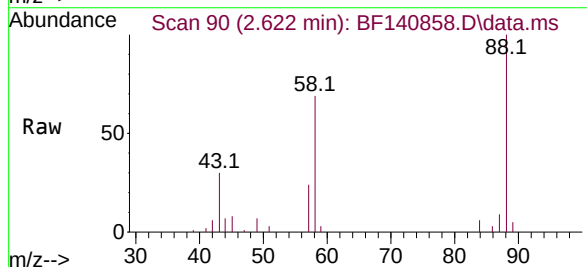
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

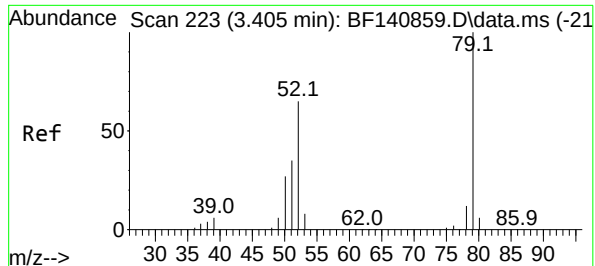
Tgt Ion:152 Resp: 71395
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 61.8 48.0 72.0



#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

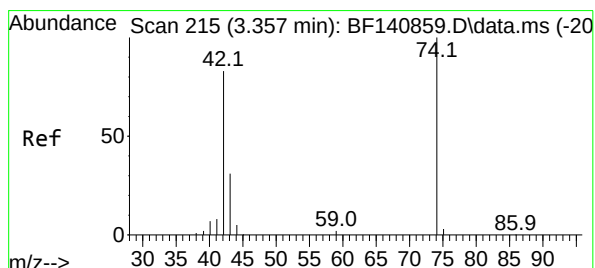
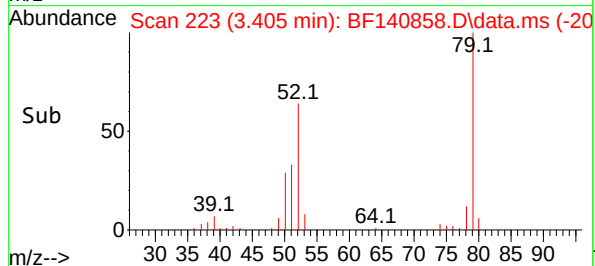
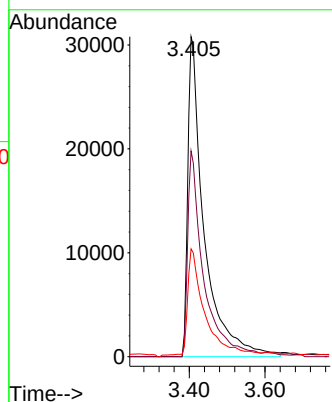
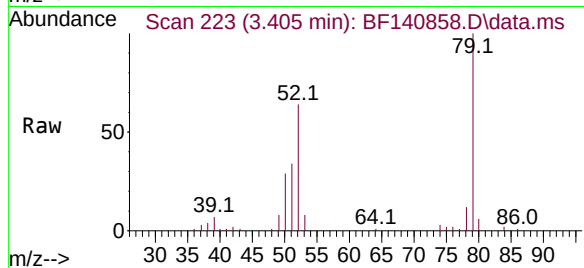
Tgt Ion: 79 Resp: 91704

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

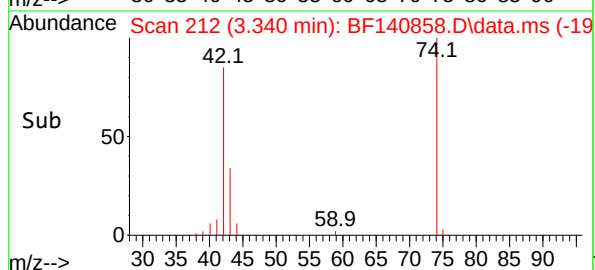
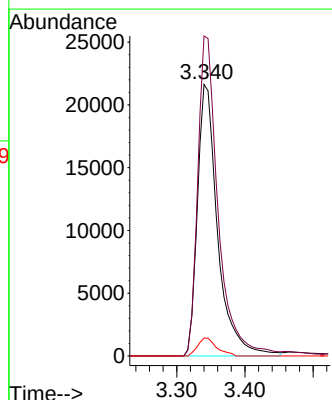
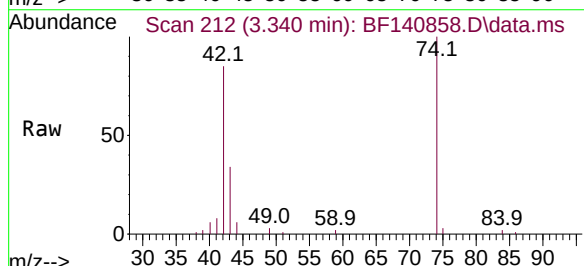
Tgt Ion: 42 Resp: 44712

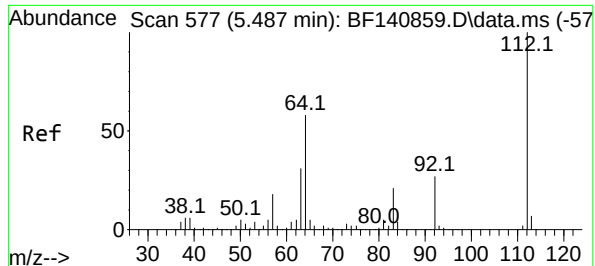
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

44 6.6 4.4 6.6

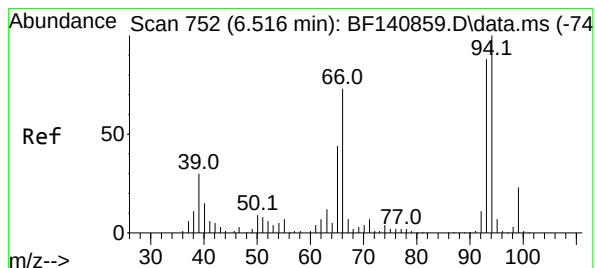
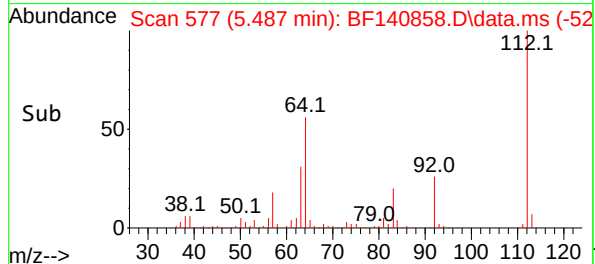
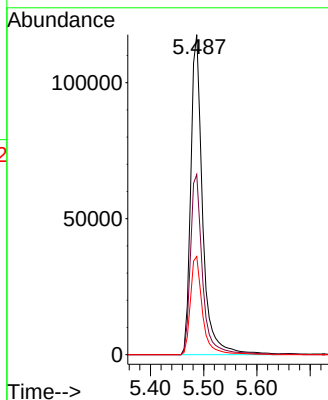
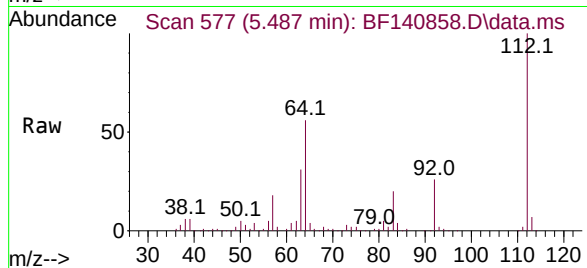




#5
2-Fluorophenol
Concen: 42.100 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

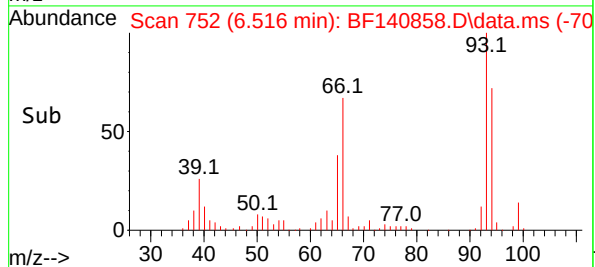
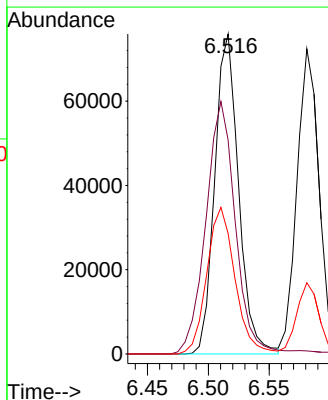
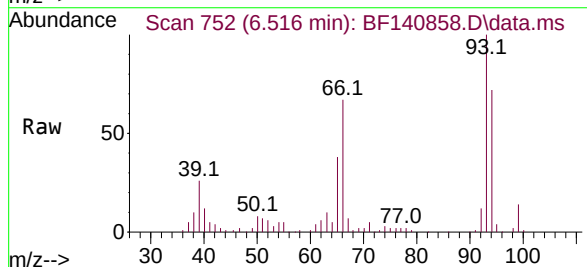
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

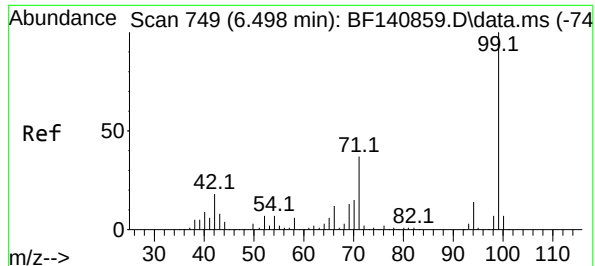
Tgt Ion:112 Resp: 182586
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 30.7 24.9 37.3



#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#

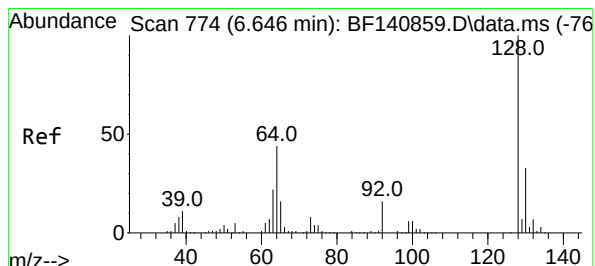
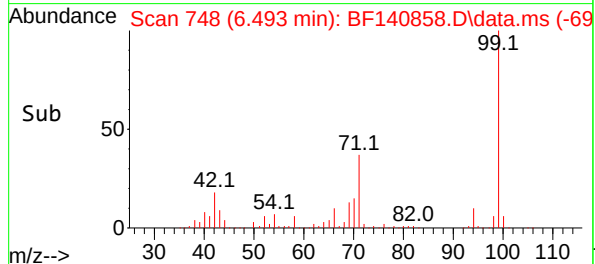
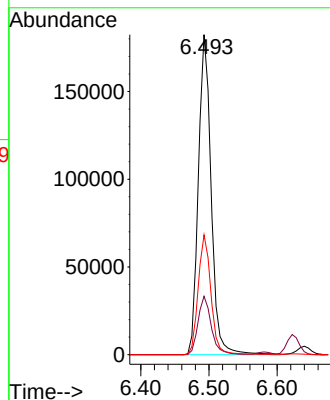
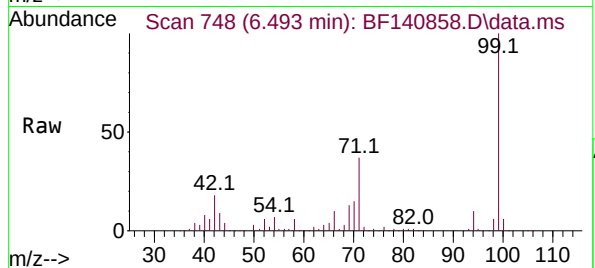




#7
Phenol-d6
Concen: 41.285 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

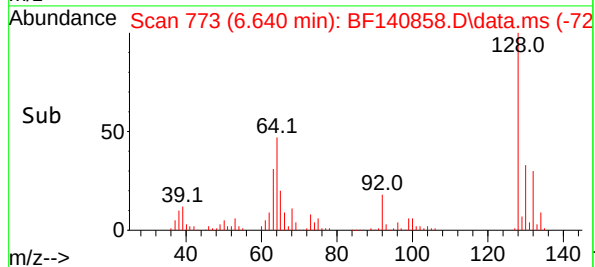
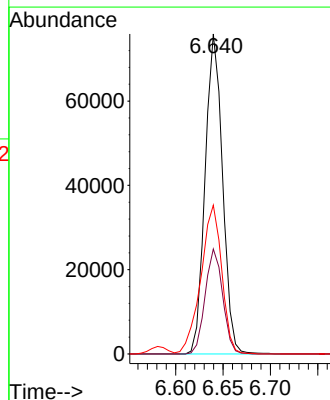
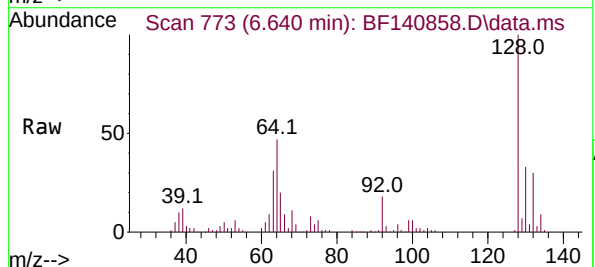
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

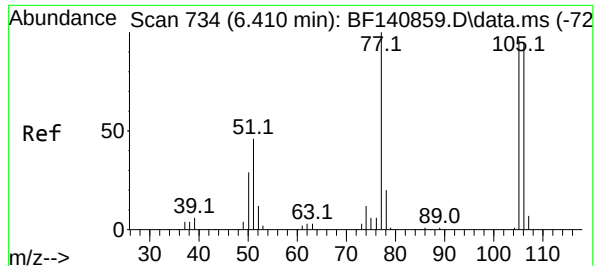
Tgt Ion: 99 Resp: 237156
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 37.4 29.9 44.9



#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

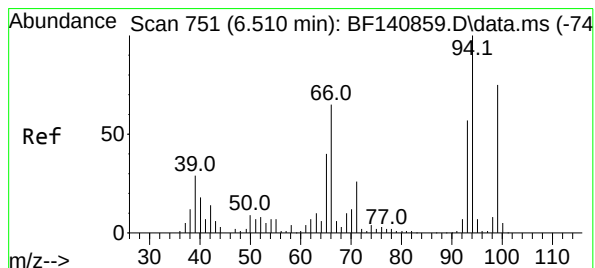
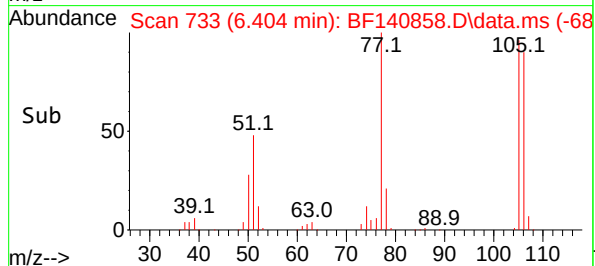
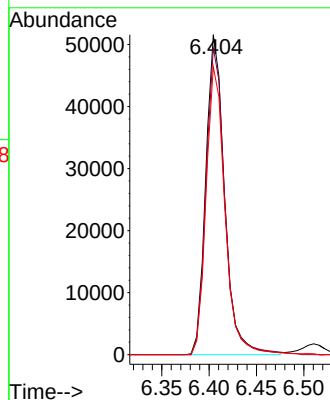
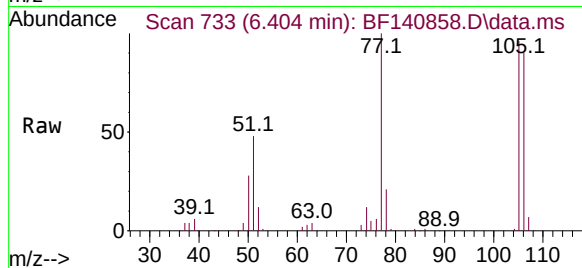
Tgt Ion: 77 Resp: 70862

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

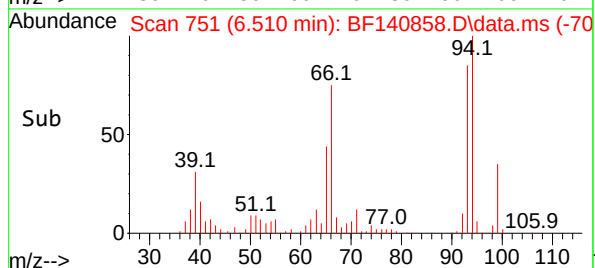
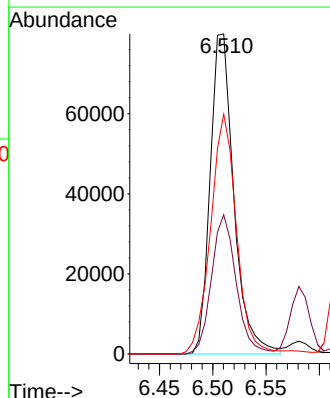
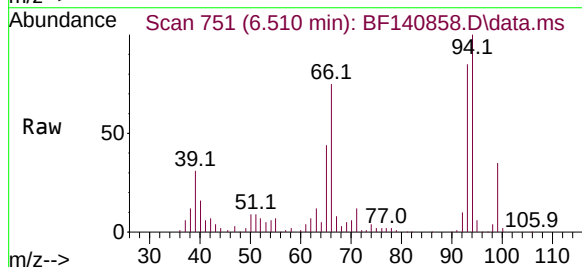
Tgt Ion: 94 Resp: 123728

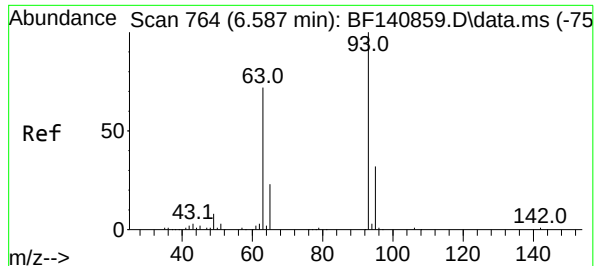
Ion Ratio Lower Upper

94 100

65 43.5 19.9 59.9

66 75.0 45.6 85.6

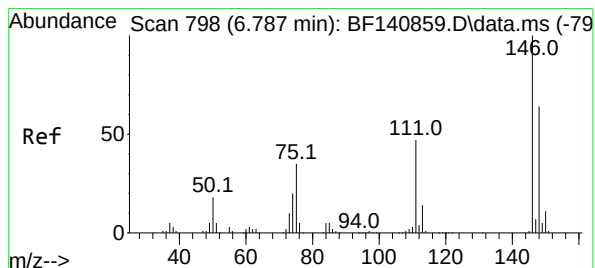
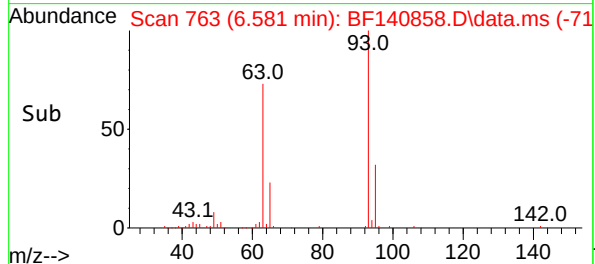
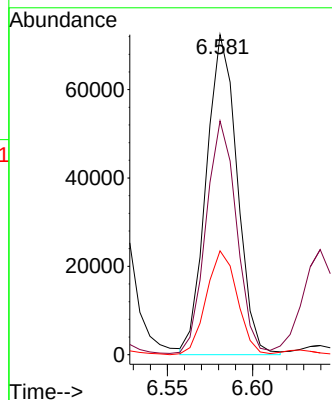
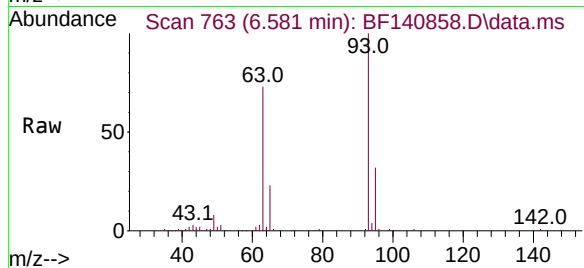




#11
bis(2-Chloroethyl)ether
Concen: 20.602 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

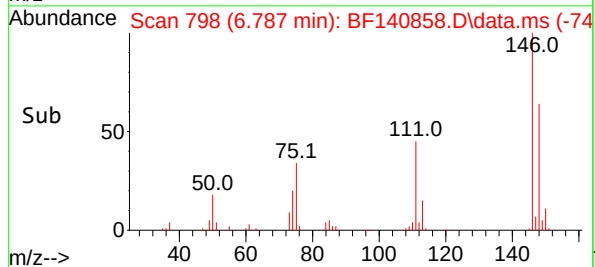
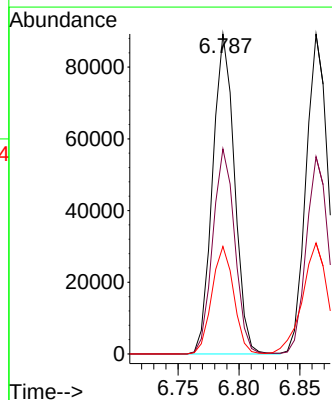
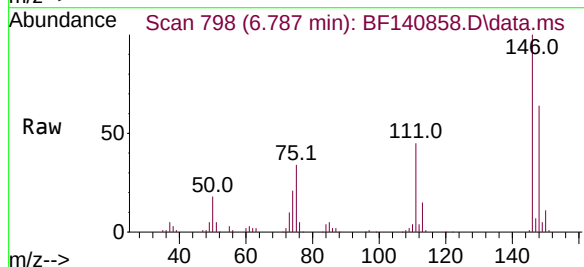
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

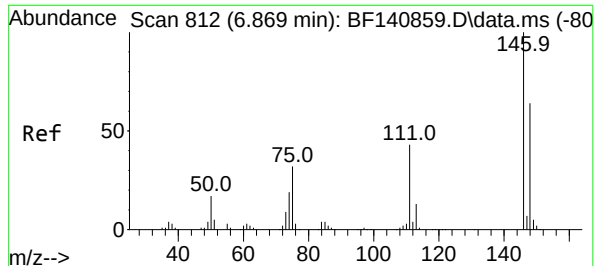
Tgt Ion: 93 Resp: 91473
Ion Ratio Lower Upper
93 100
63 73.0 51.0 91.0
95 32.5 12.0 52.0



#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

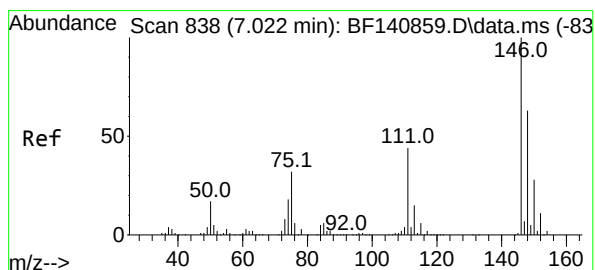
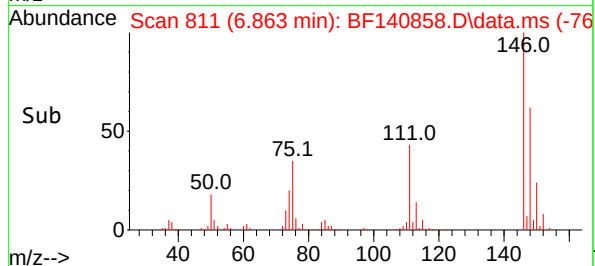
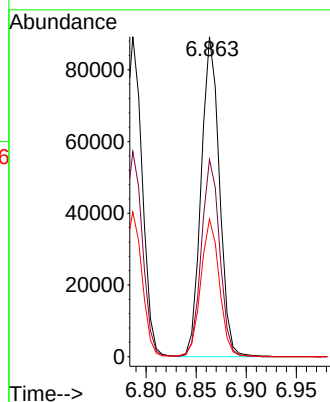
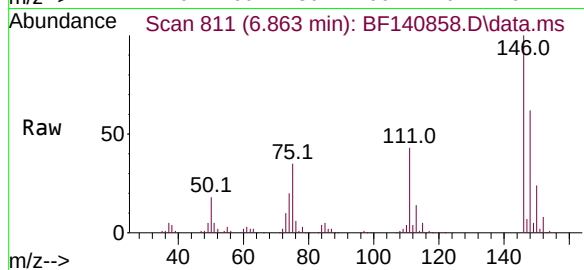
Tgt Ion:146 Resp: 113006

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

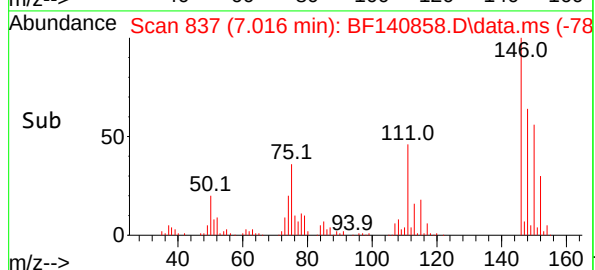
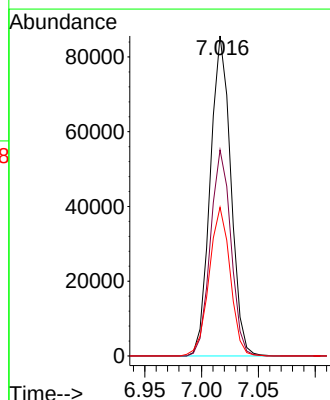
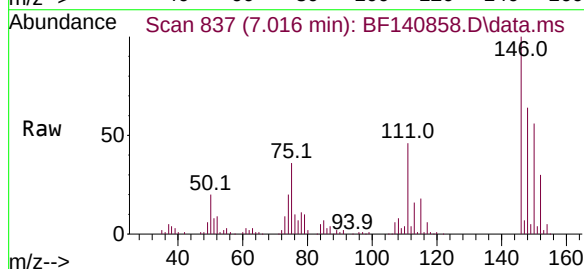
Tgt Ion:146 Resp: 107719

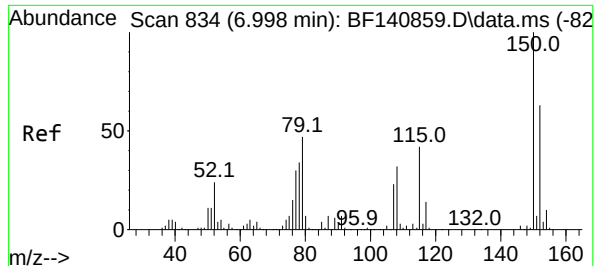
Ion Ratio Lower Upper

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 :

SSTDICC020

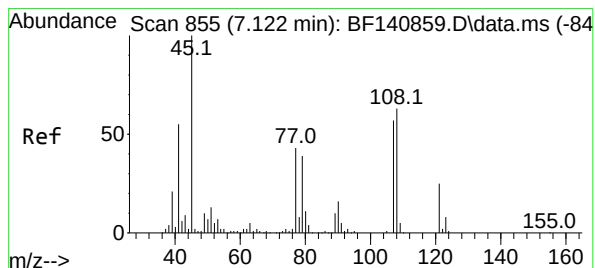
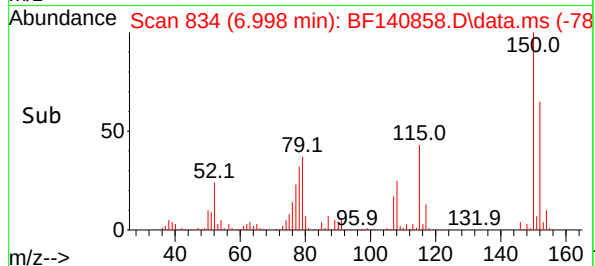
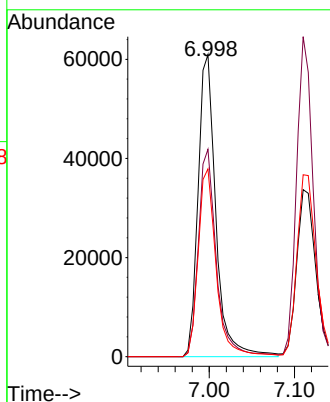
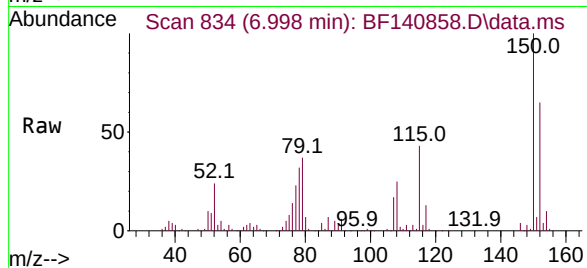
Tgt Ion: 79 Resp: 88251

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

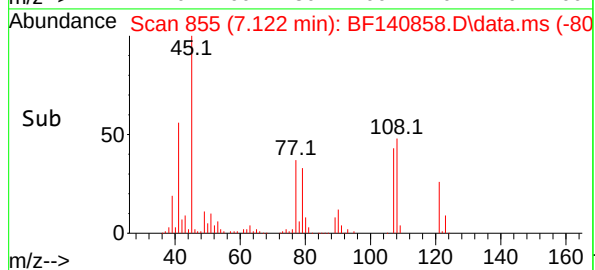
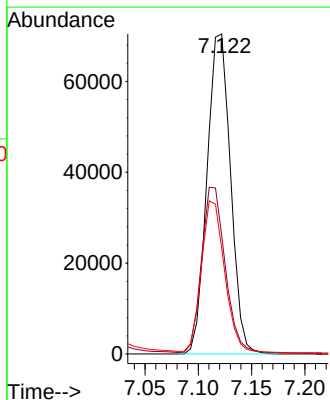
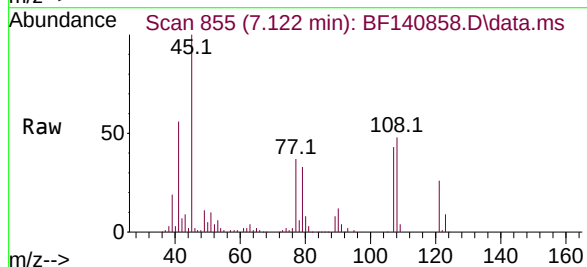
Tgt Ion: 45 Resp: 108472

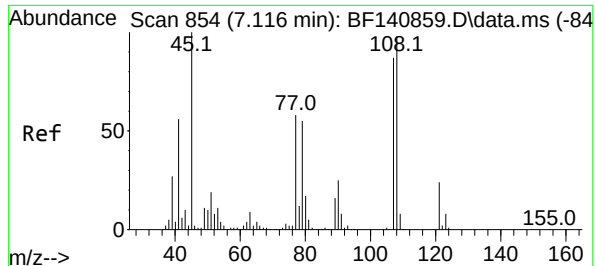
Ion Ratio Lower Upper

45 100

77 37.0 23.3 63.3

79 32.9 20.0 60.0

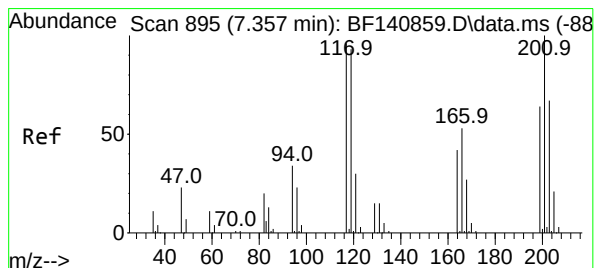
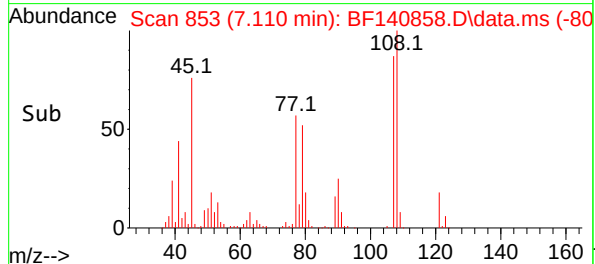
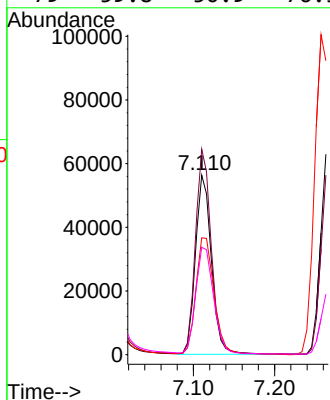
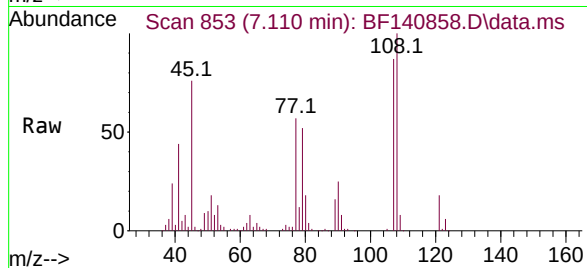




#17
2-Methylphenol
Concen: 20.427 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

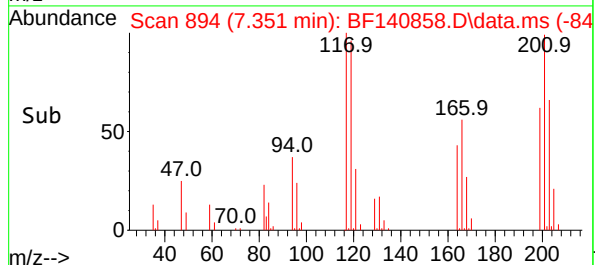
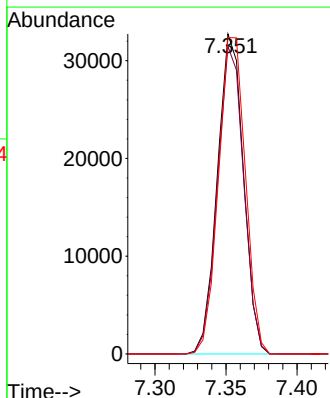
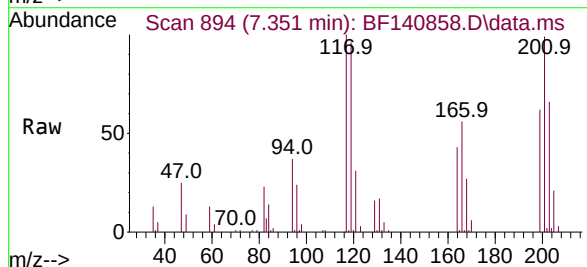
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

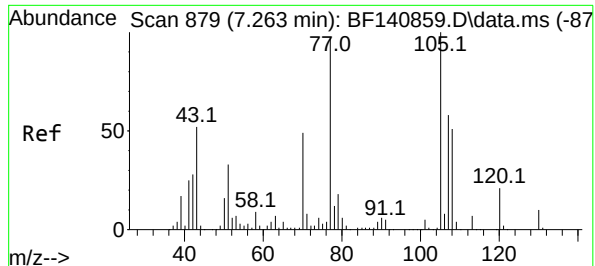
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.2	135.4
77	65.1	53.8	80.6
79	59.8	50.9	76.3



#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	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

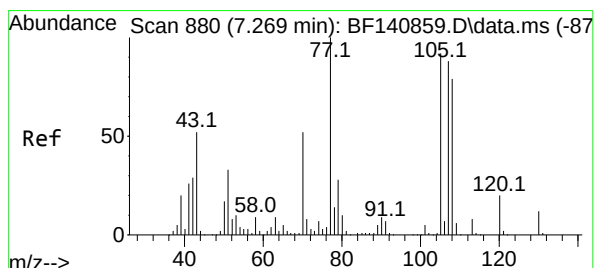
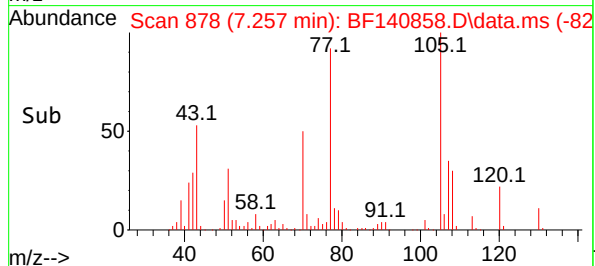
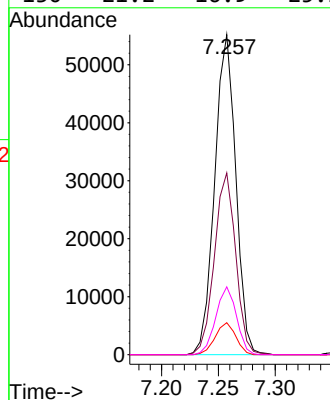
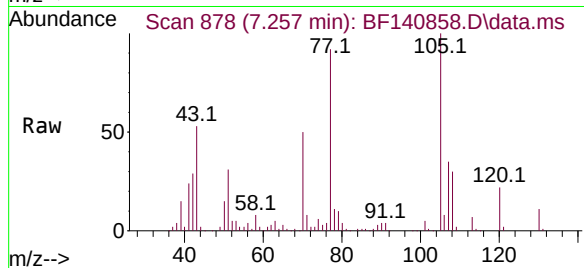
Ion Ratio Lower Upper

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

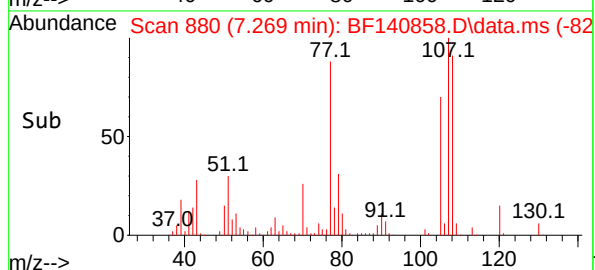
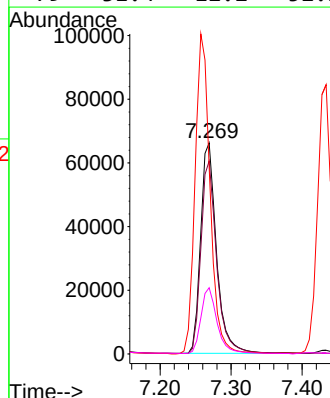
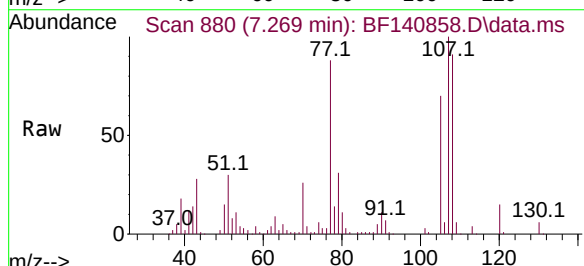
Ion Ratio Lower Upper

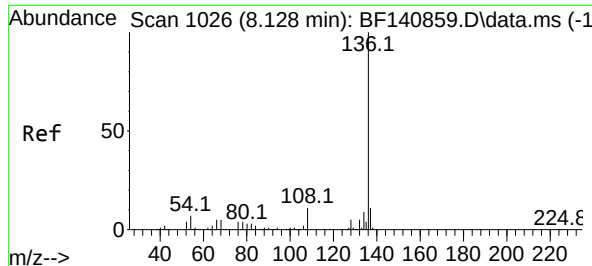
107 100

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

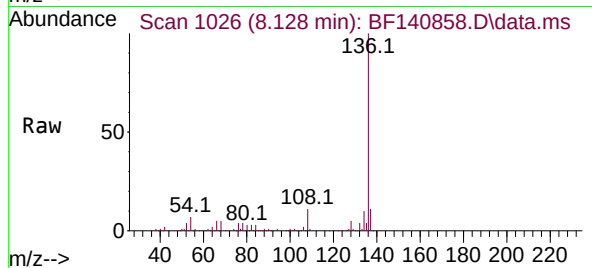
Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:136 Resp: 269448

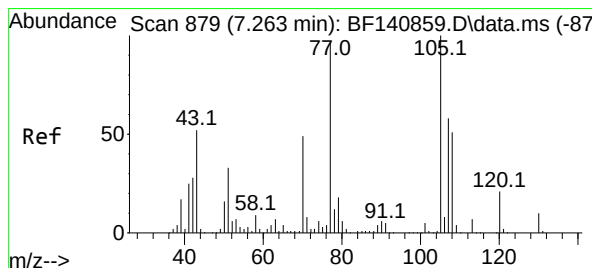
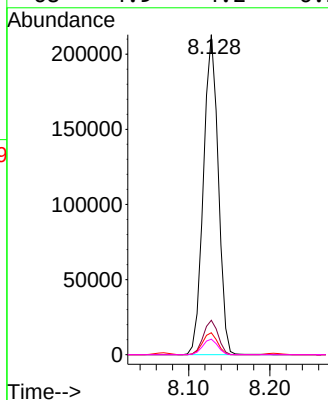
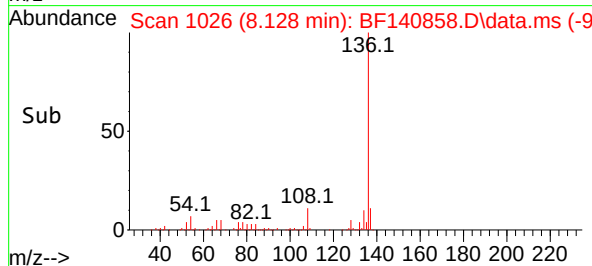
Ion Ratio Lower Upper

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

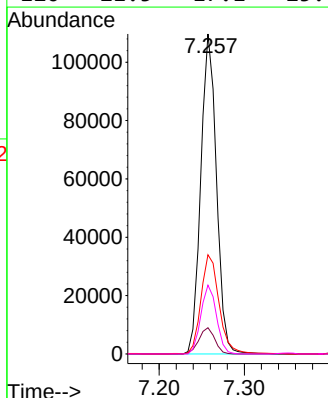
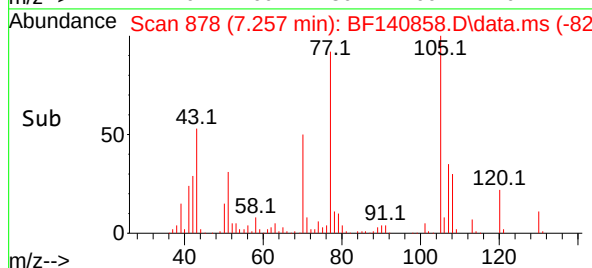
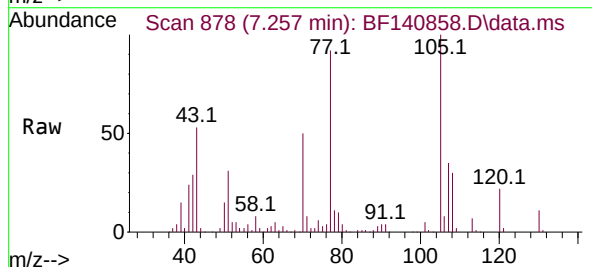
Ion Ratio Lower Upper

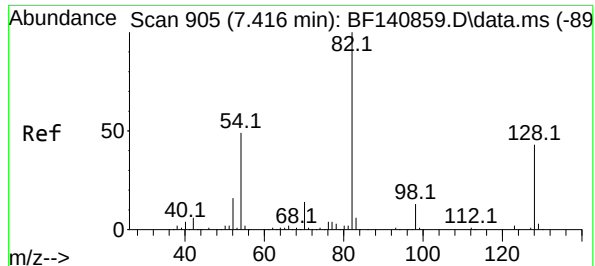
105 100

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

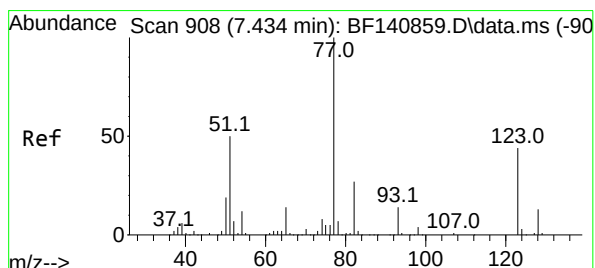
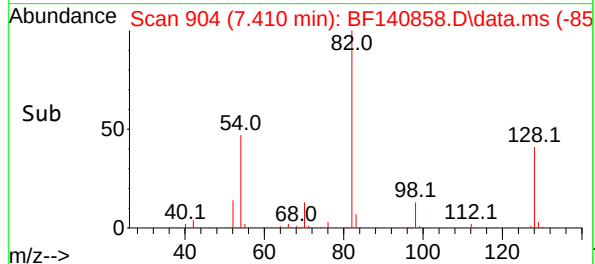
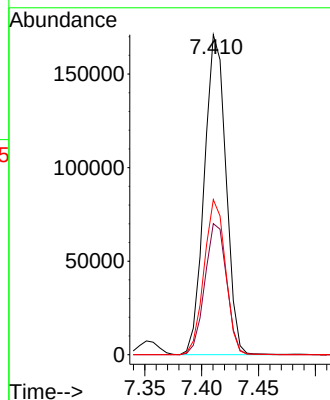
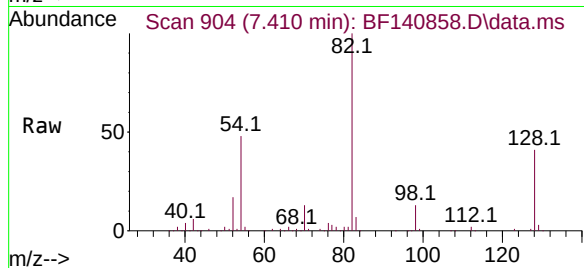
Tgt Ion: 82 Resp: 226356

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

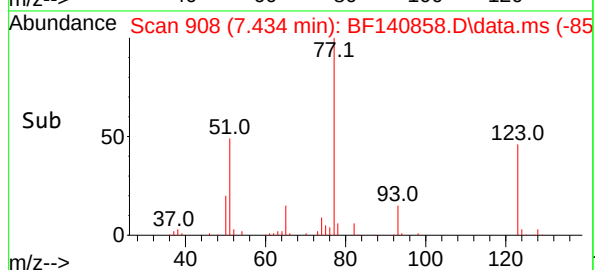
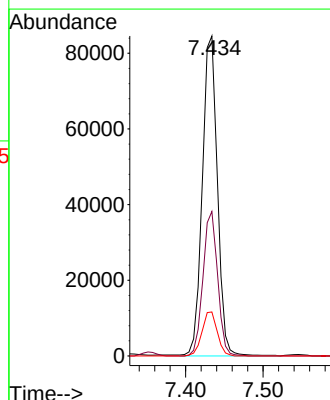
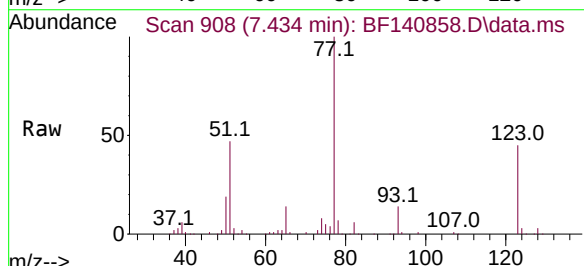
Tgt Ion: 77 Resp: 114486

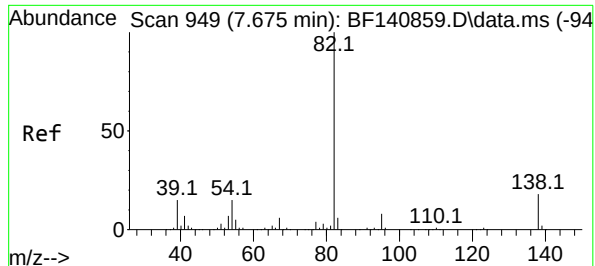
Ion Ratio Lower Upper

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

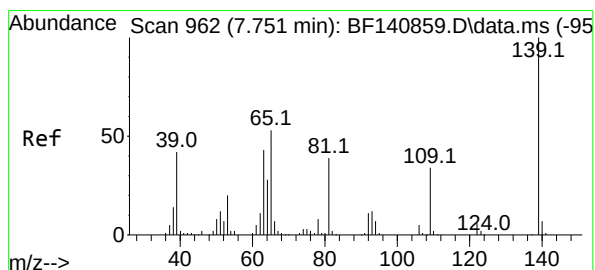
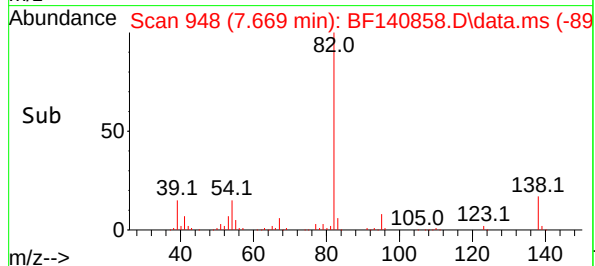
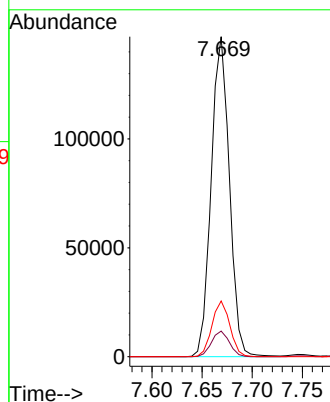
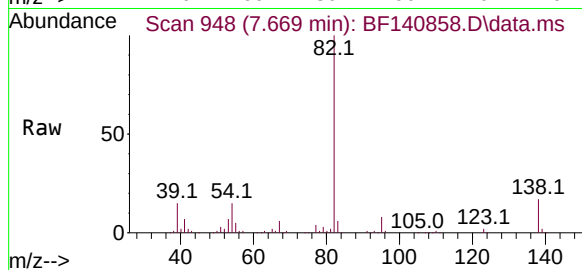
Tgt Ion: 82 Resp: 185900

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

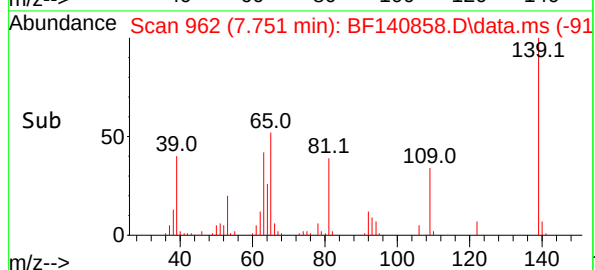
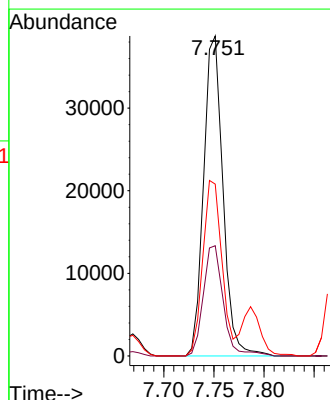
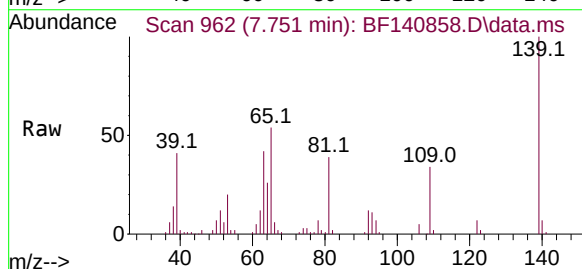
Tgt Ion:139 Resp: 52133

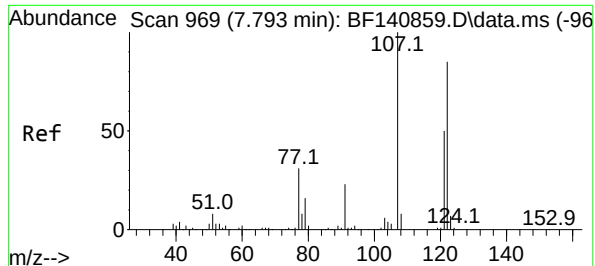
Ion Ratio Lower Upper

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

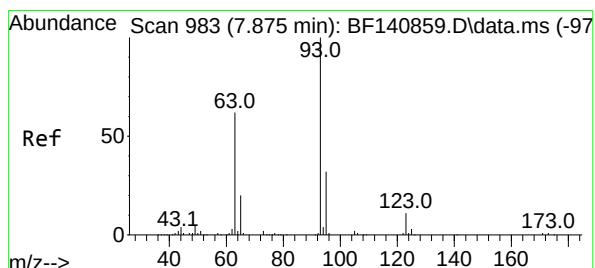
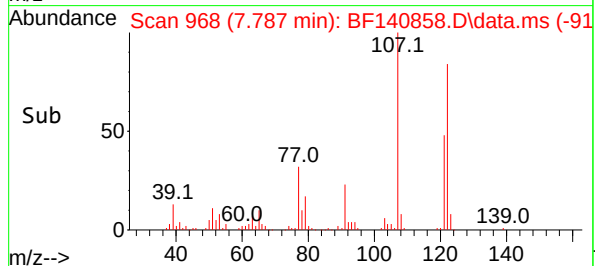
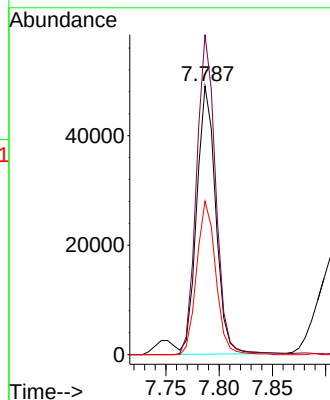
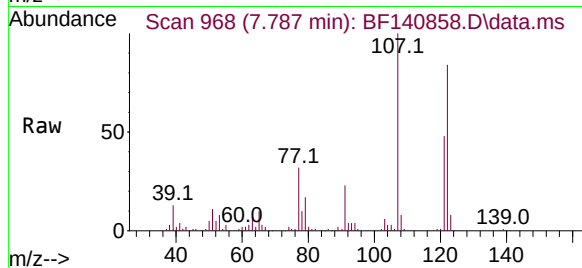
Tgt Ion:122 Resp: 60750

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

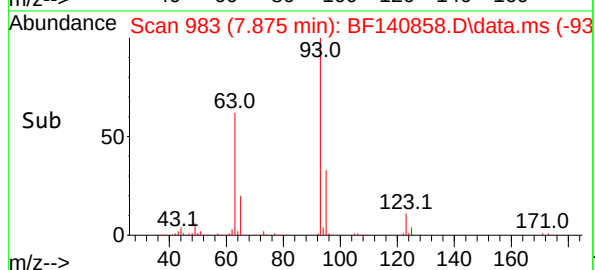
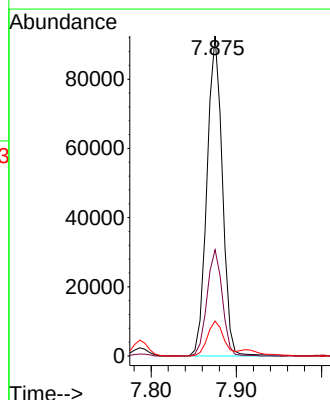
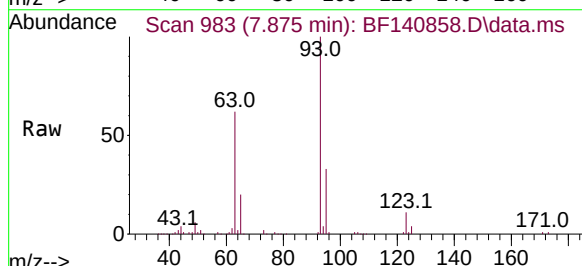
Tgt Ion: 93 Resp: 115605

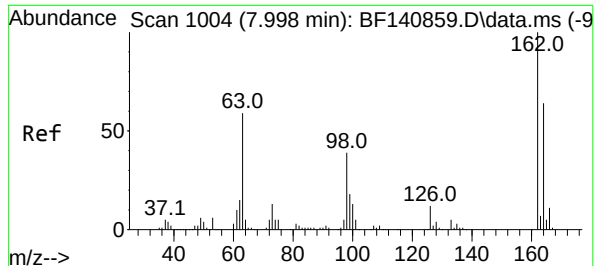
Ion Ratio Lower Upper

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

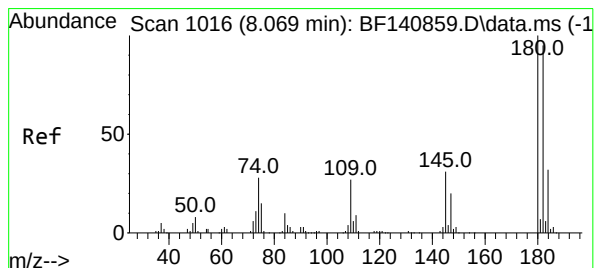
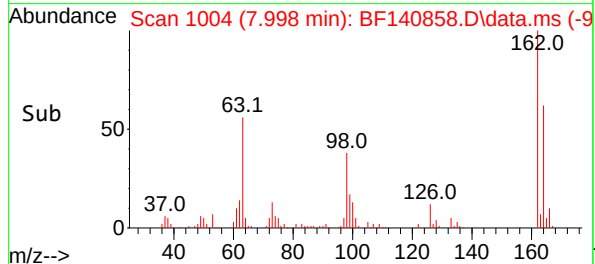
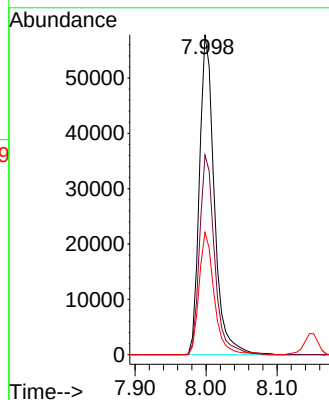
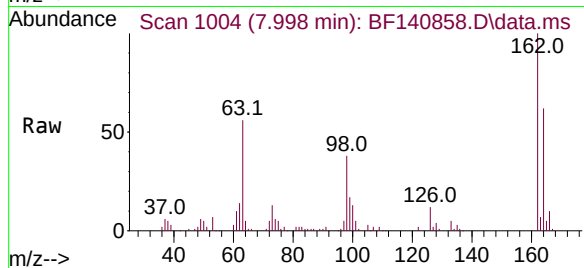
Tgt Ion:162 Resp: 84299

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

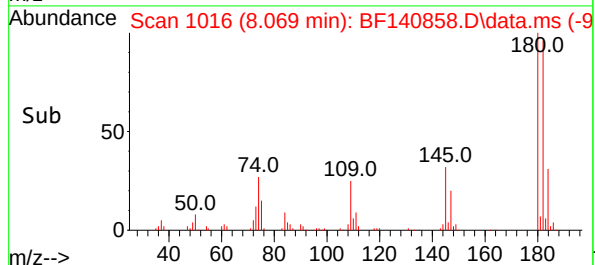
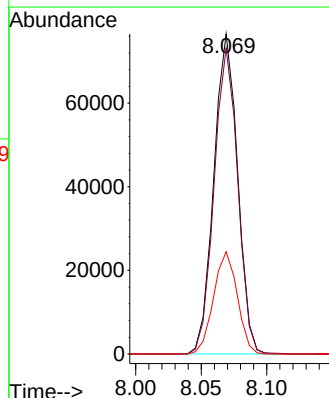
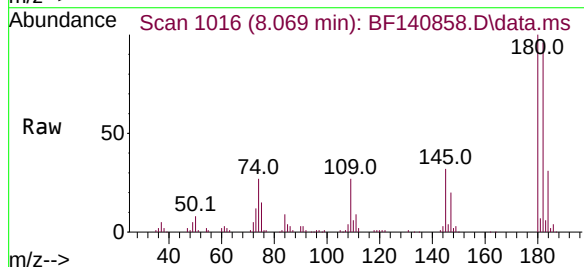
Tgt Ion:180 Resp: 96194

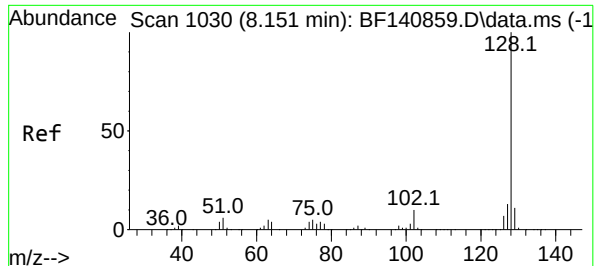
Ion Ratio Lower Upper

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

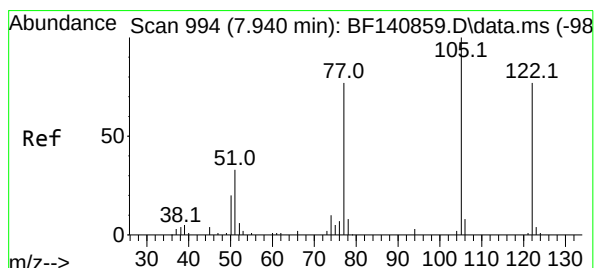
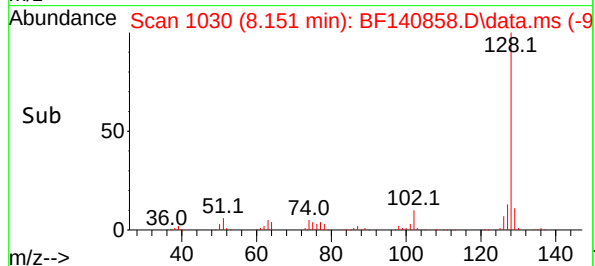
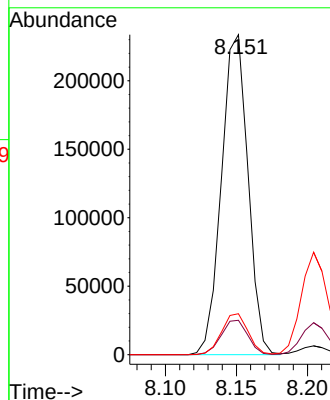
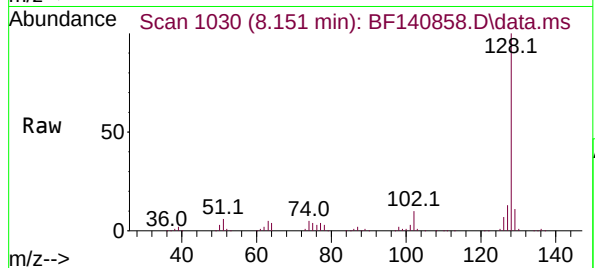
Tgt Ion:128 Resp: 303425

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

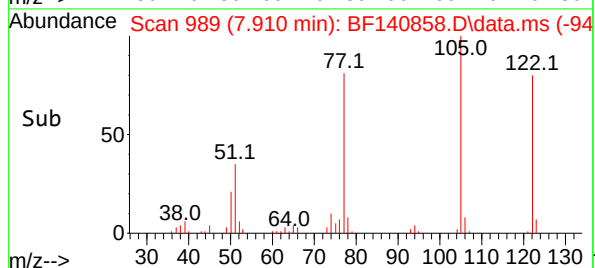
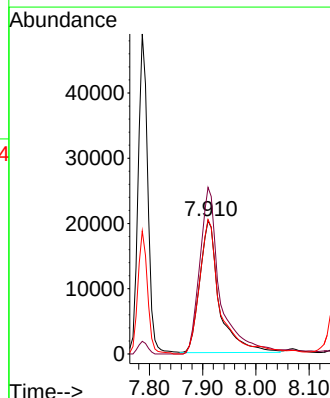
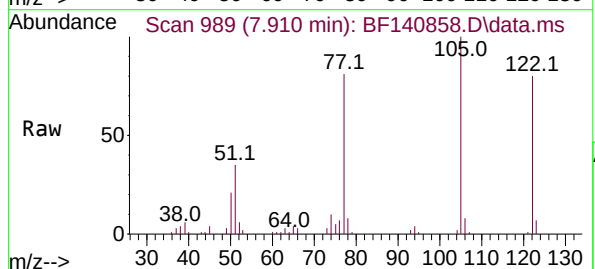
Tgt Ion:122 Resp: 51770

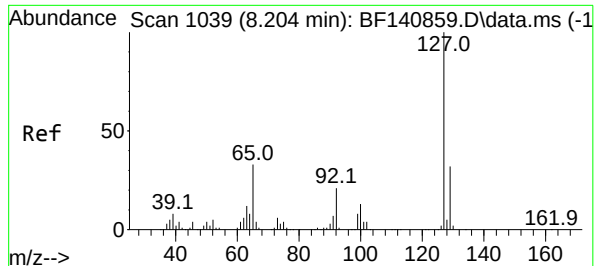
Ion Ratio Lower Upper

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

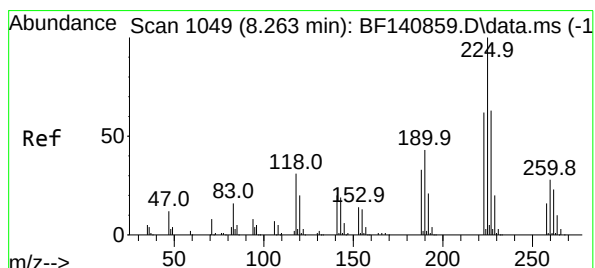
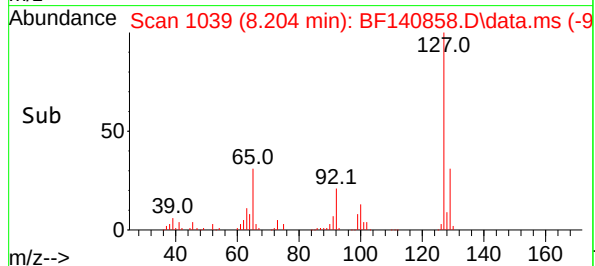
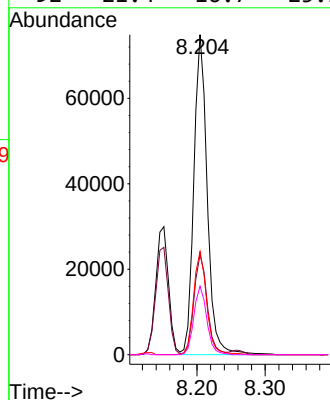
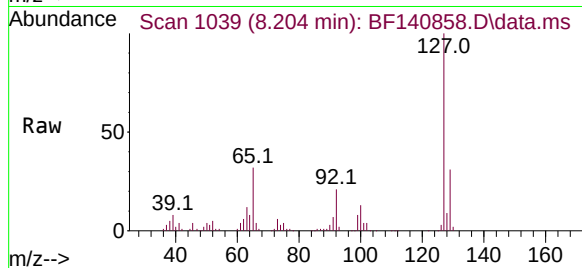
Ion Ratio Lower Upper

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

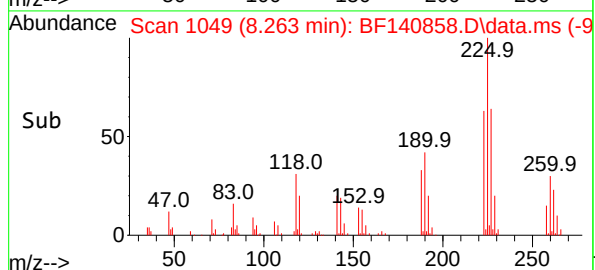
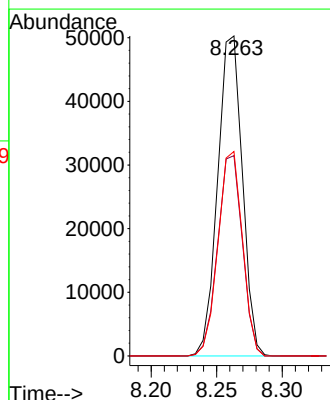
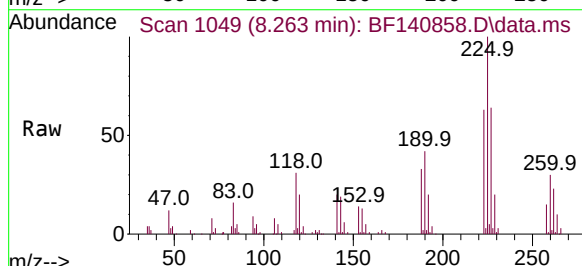
Tgt Ion:225 Resp: 65803

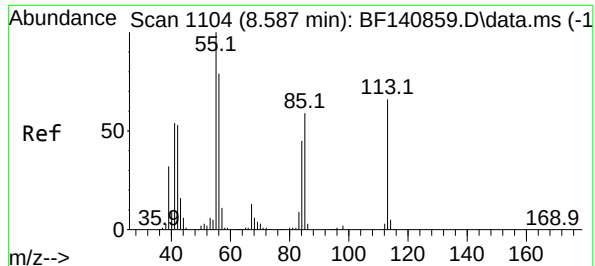
Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

227 63.9 50.7 76.1

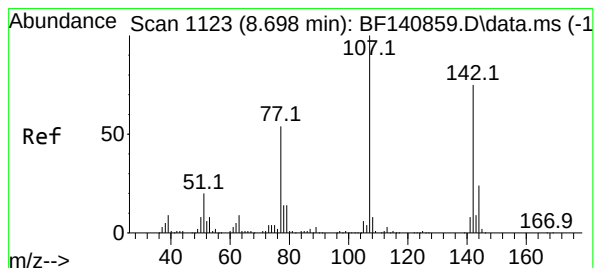
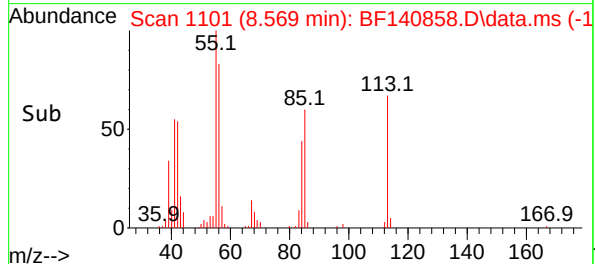
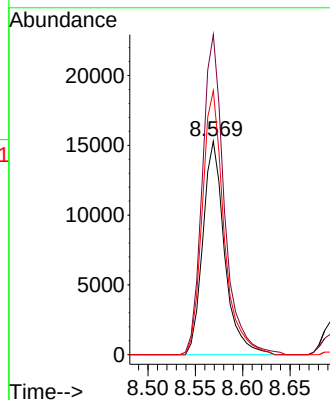
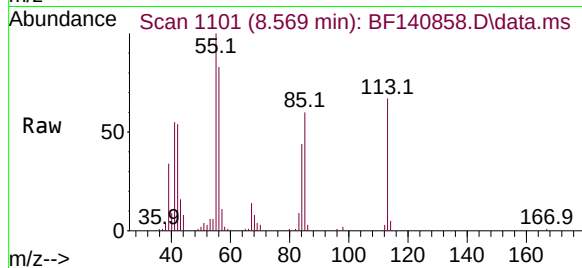




#35
Caprolactam
Concen: 19.958 ng
RT: 8.569 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

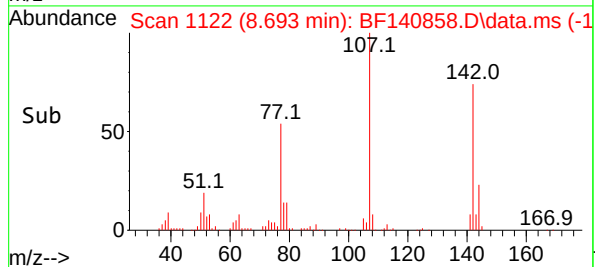
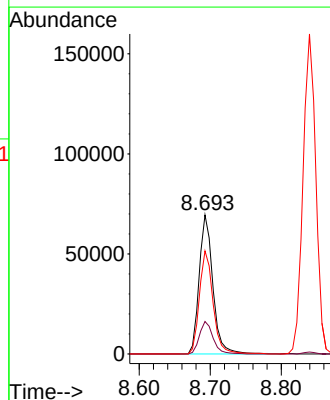
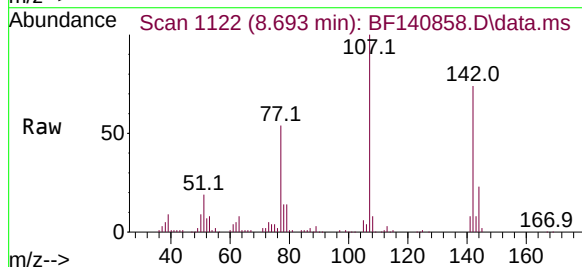
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

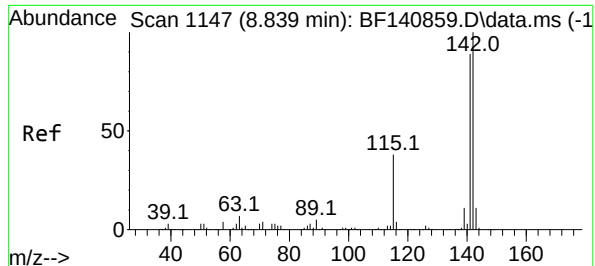
Tgt Ion:113 Resp: 24344
Ion Ratio Lower Upper
113 100
55 149.9 132.3 172.3
56 123.7 100.3 140.3



#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 :

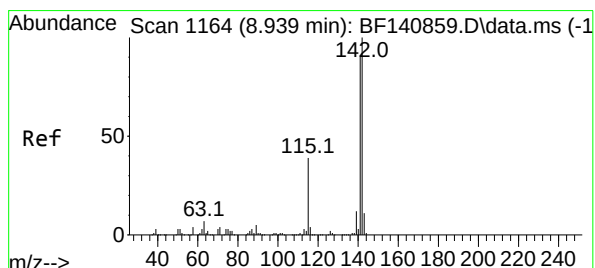
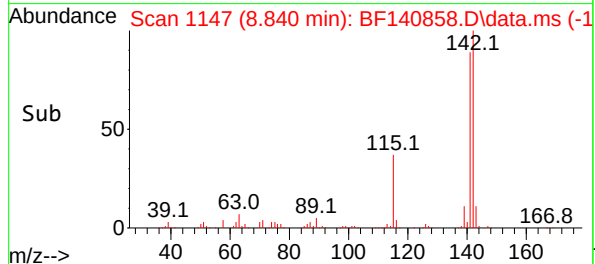
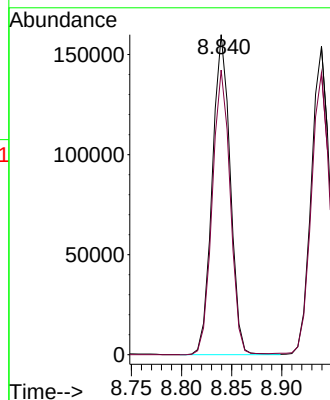
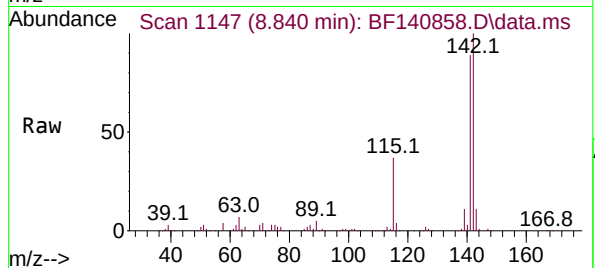
SSTDICC020

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

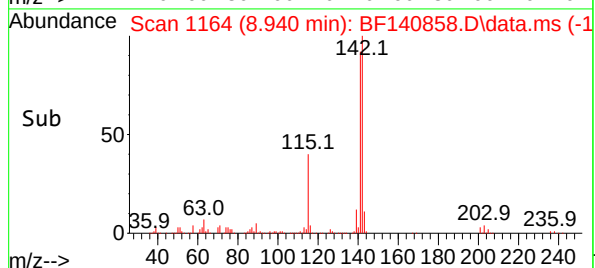
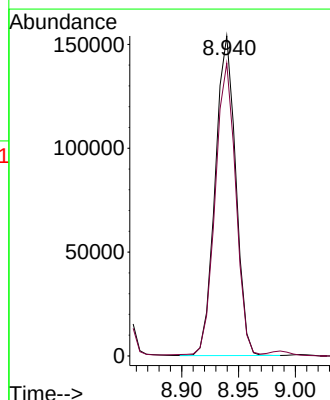
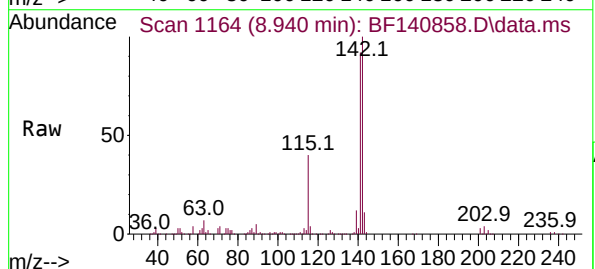
Acq: 16 Dec 2024 14:00

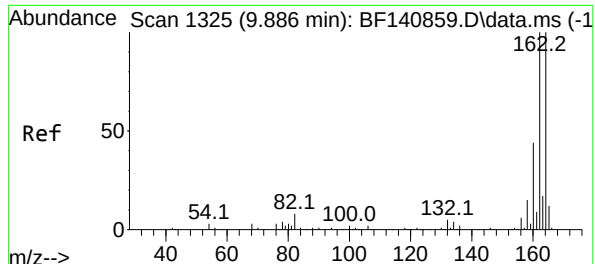
Tgt Ion:142 Resp: 193053

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

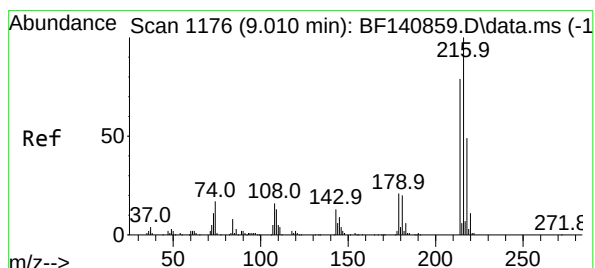
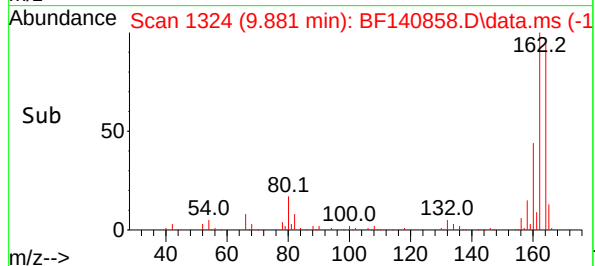
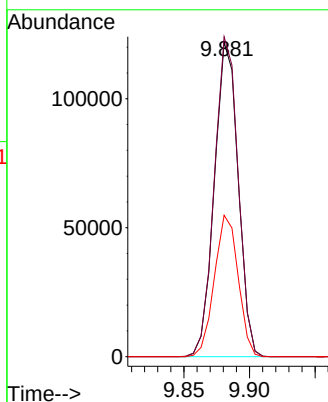
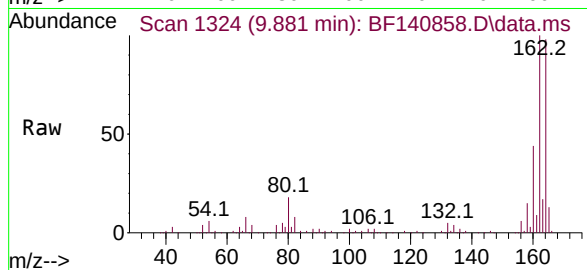
Tgt Ion:164 Resp: 153586

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

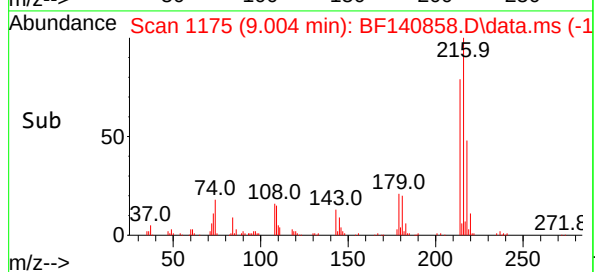
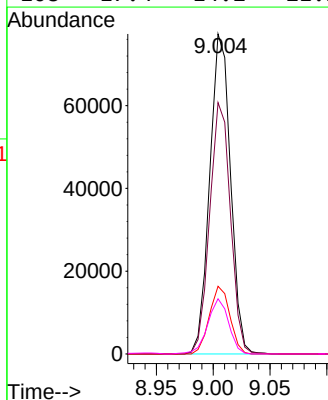
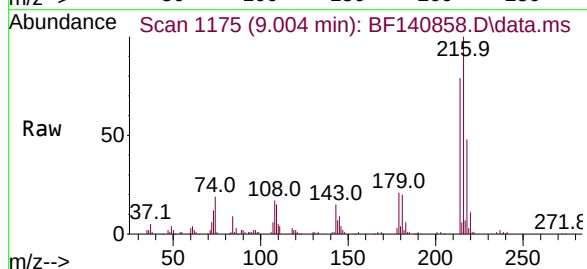
Ion Ratio Lower Upper

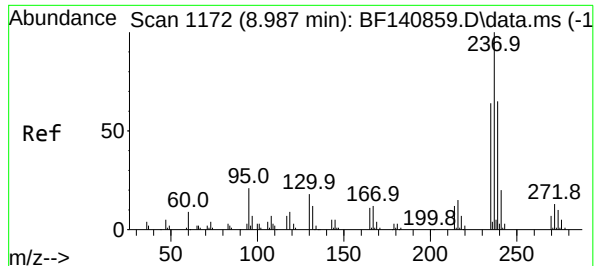
216 100

214 78.3 63.6 95.4

179 20.8 17.0 25.4

108 17.4 14.2 21.2

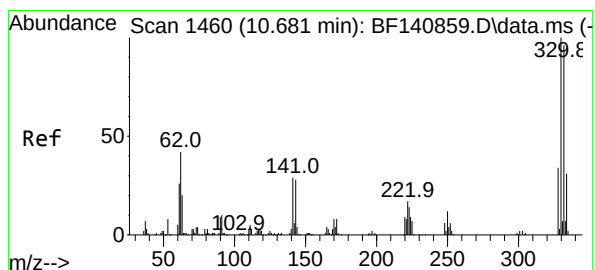
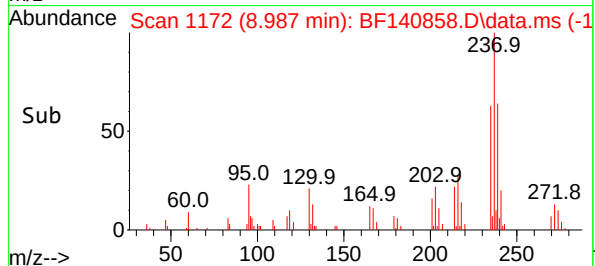
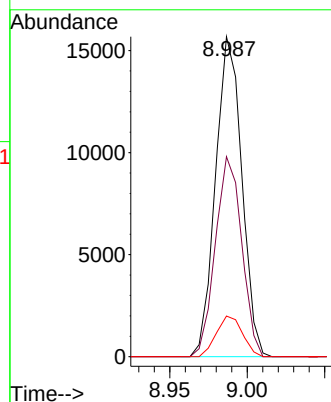
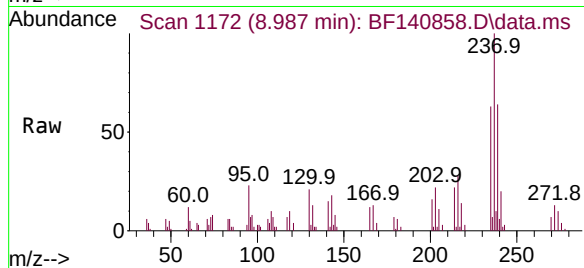




#41
Hexachlorocyclopentadiene
Concen: 21.391 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

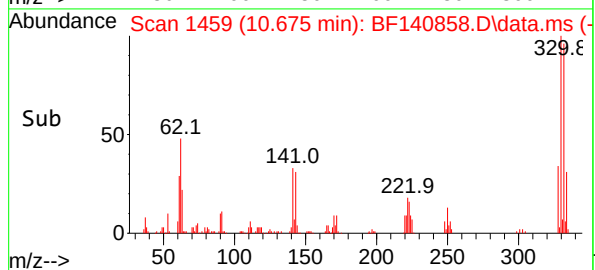
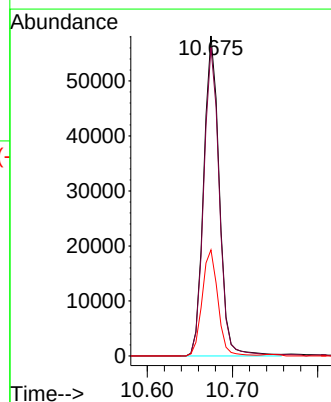
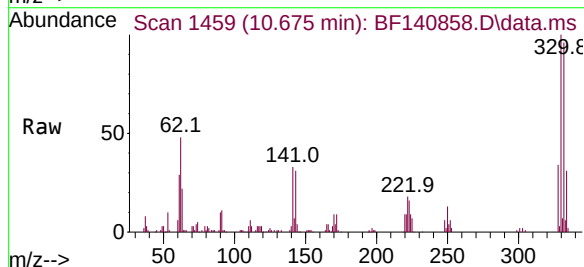
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

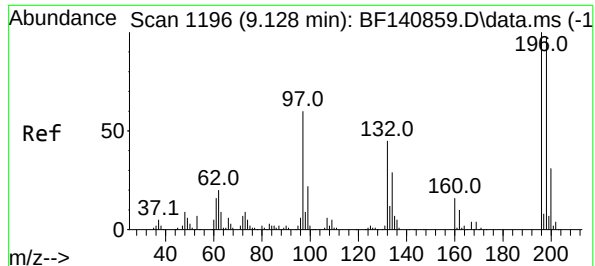
Tgt Ion:237 Resp: 18486
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 12.7 0.0 32.9



#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

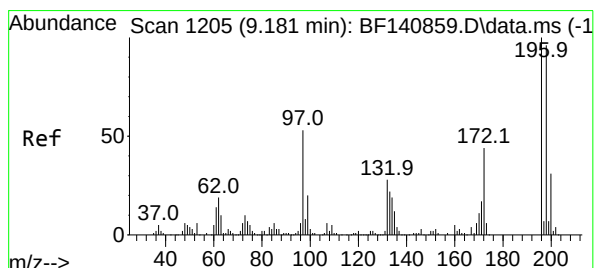
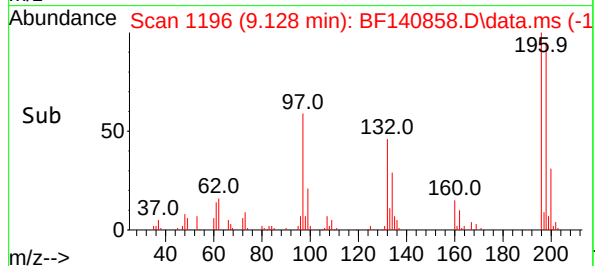
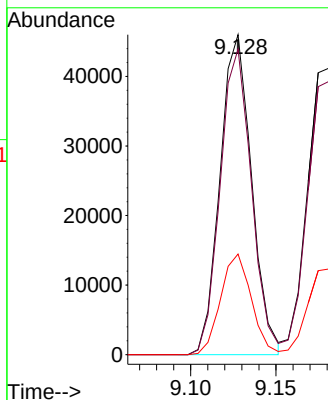
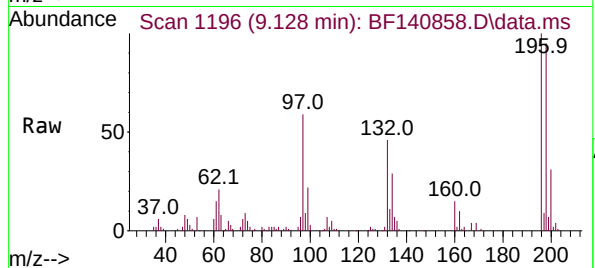
Tgt Ion:196 Resp: 59284

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

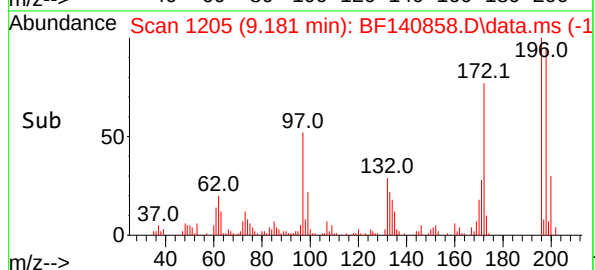
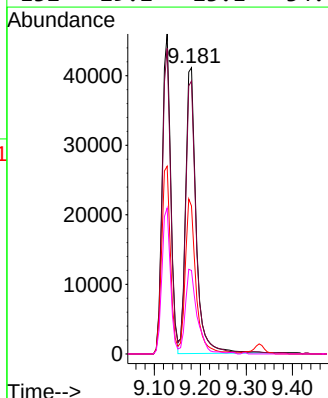
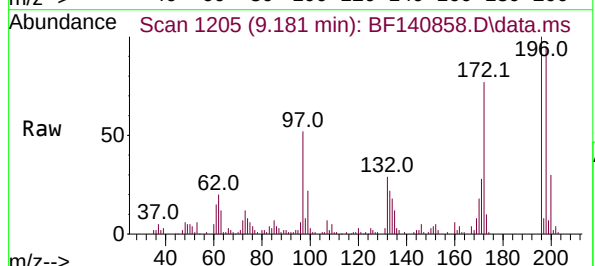
Ion Ratio Lower Upper

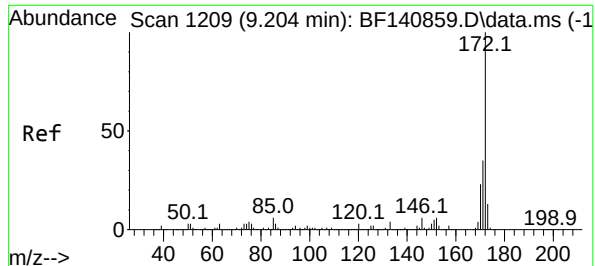
196 100

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

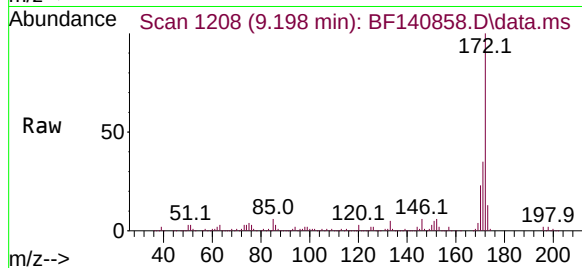
Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



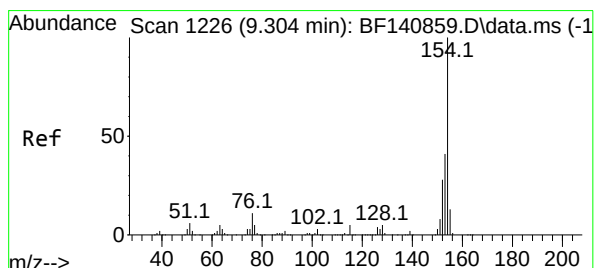
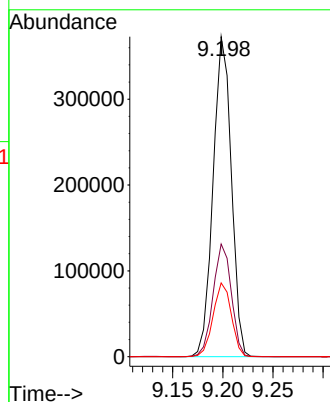
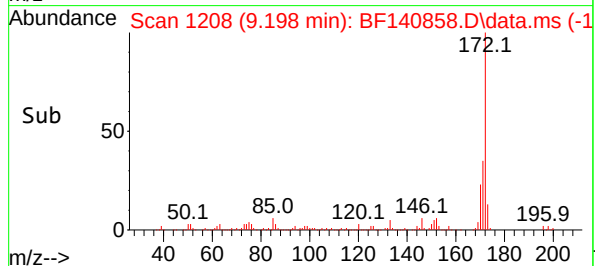
Tgt Ion:172 Resp: 472330

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

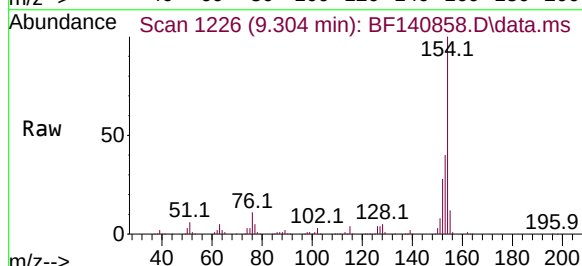
Concen: 20.606 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00



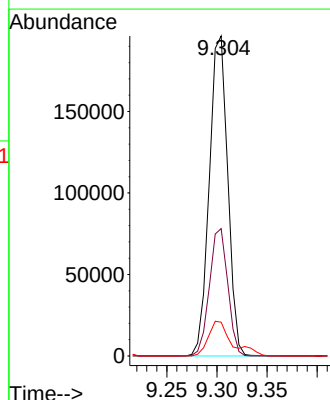
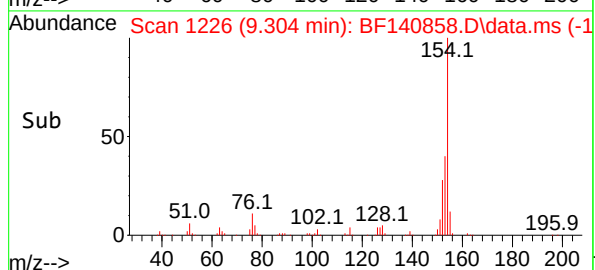
Tgt Ion:154 Resp: 251662

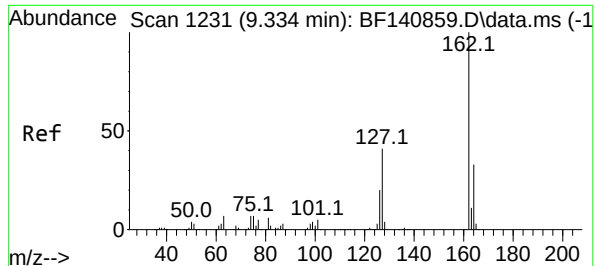
Ion Ratio Lower Upper

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# 1231

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

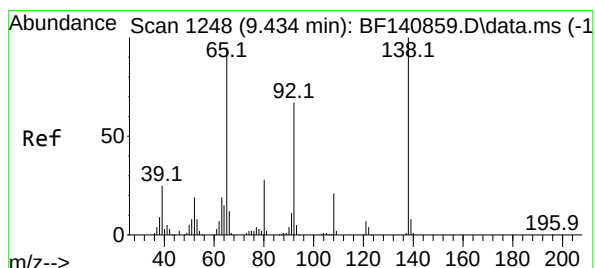
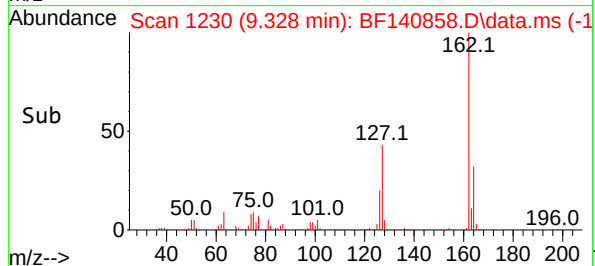
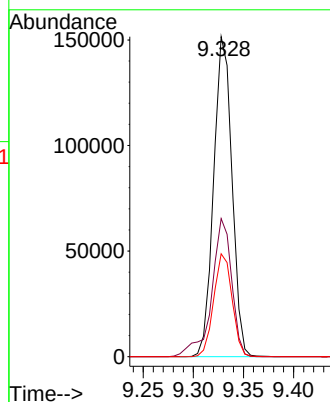
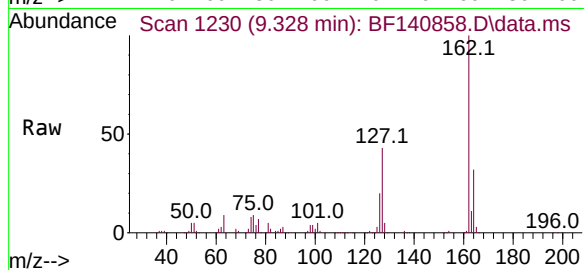
Tgt Ion:162 Resp: 192611

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

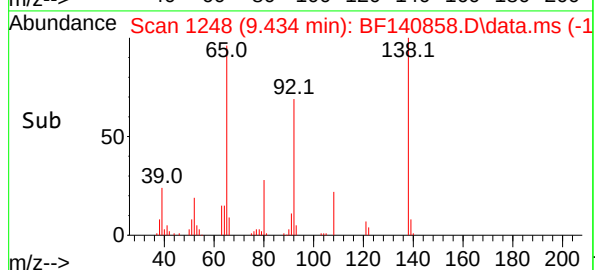
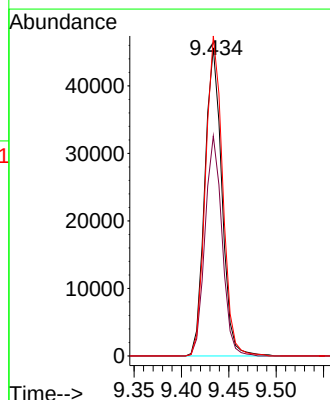
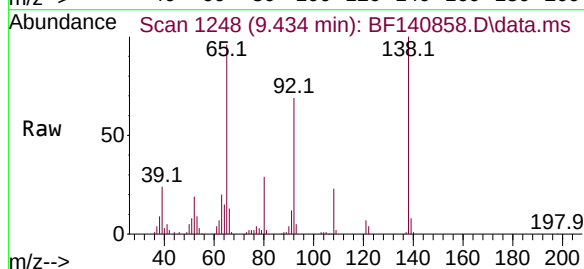
Tgt Ion: 65 Resp: 57140

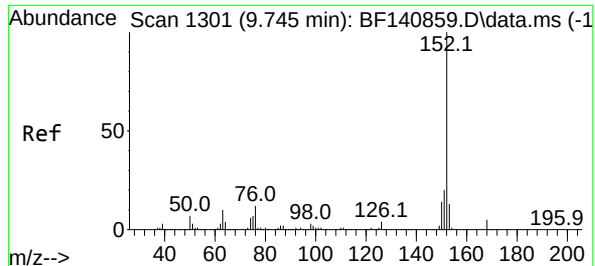
Ion Ratio Lower Upper

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

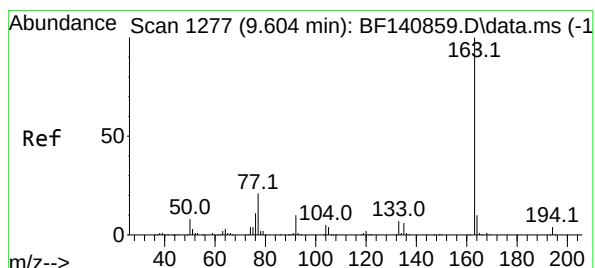
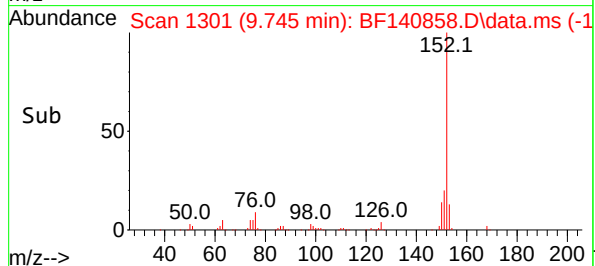
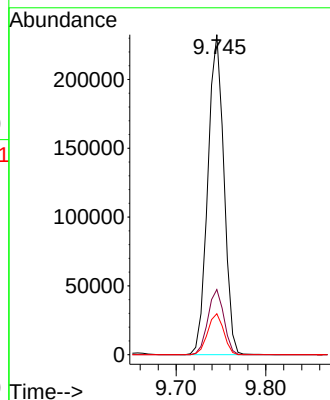
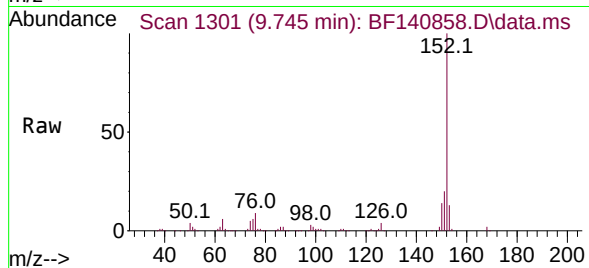
Tgt Ion:152 Resp: 288710

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

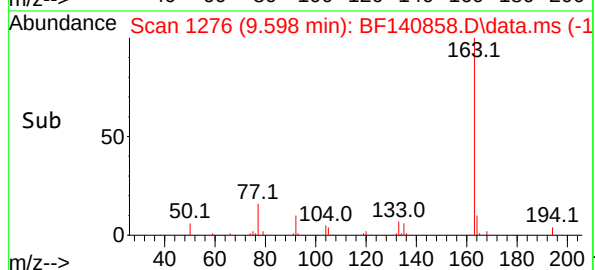
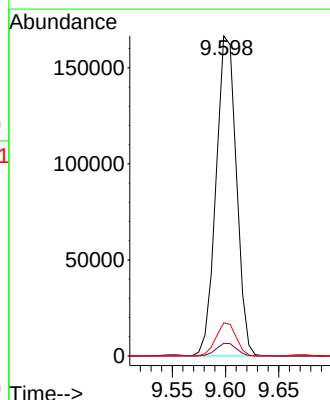
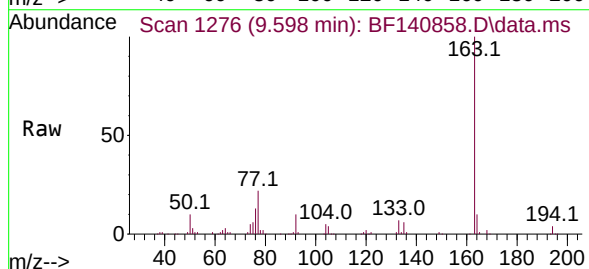
Tgt Ion:163 Resp: 220880

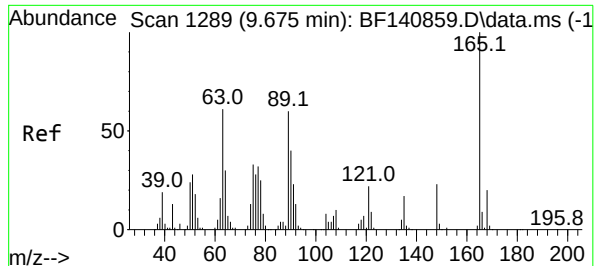
Ion Ratio Lower Upper

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

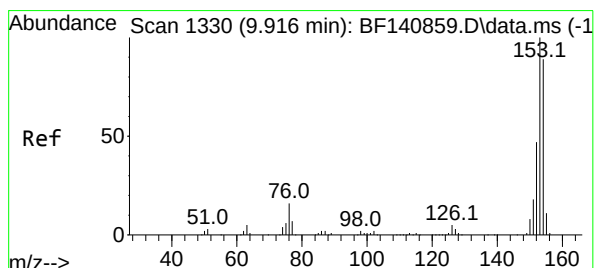
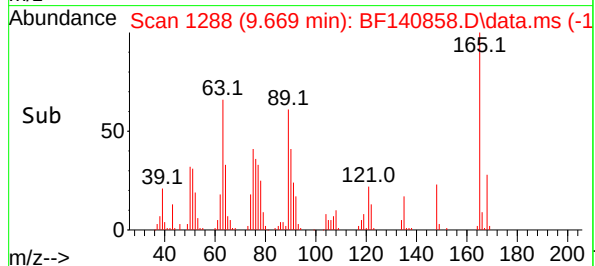
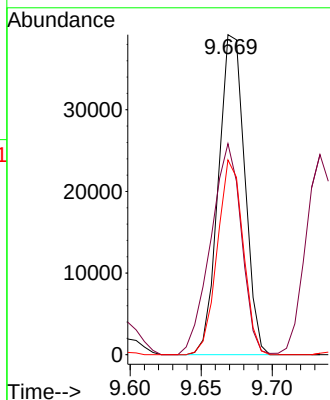
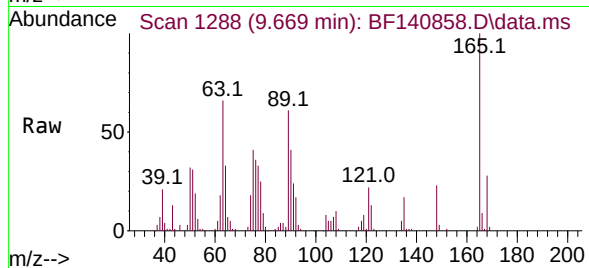
Tgt Ion:165 Resp: 50302

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

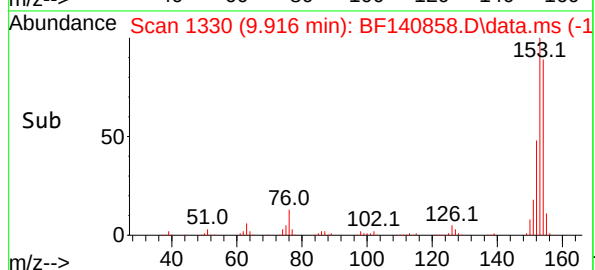
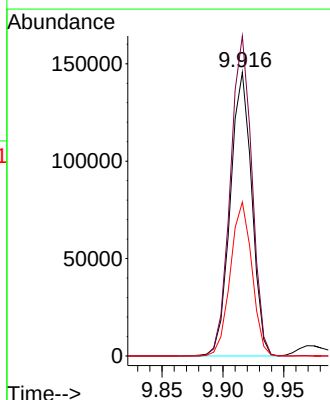
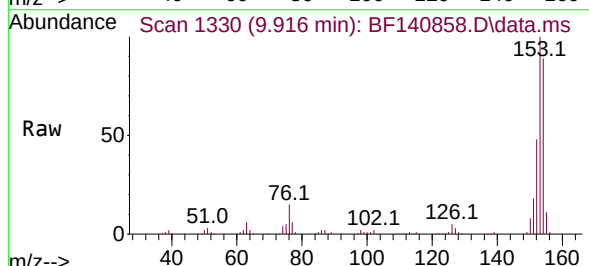
Tgt Ion:154 Resp: 179112

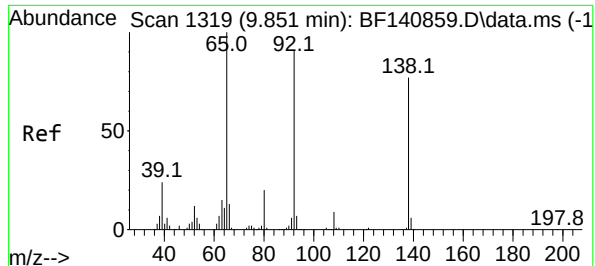
Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

152 54.2 42.6 63.8

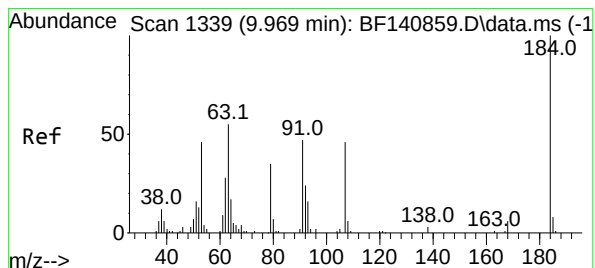
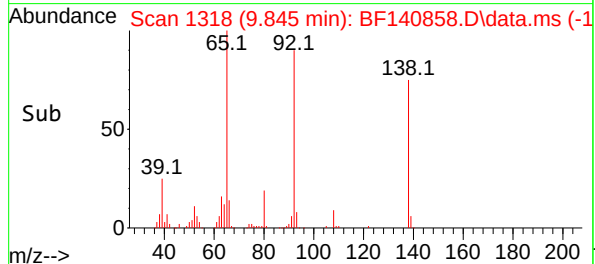
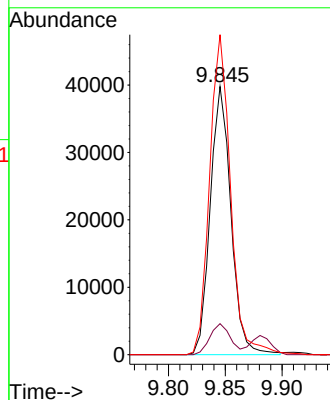
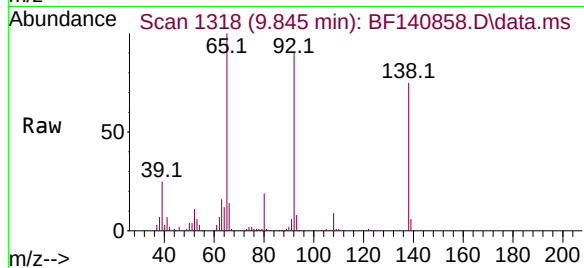




#53
3-Nitroaniline
Concen: 20.538 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

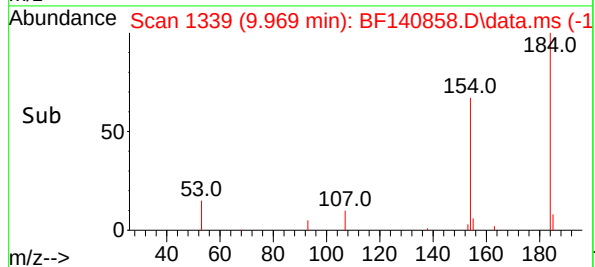
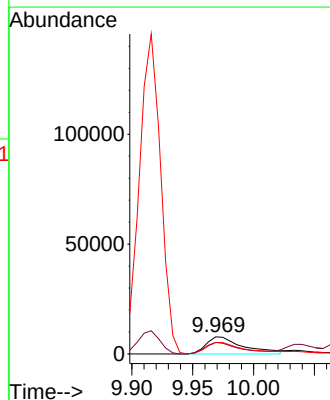
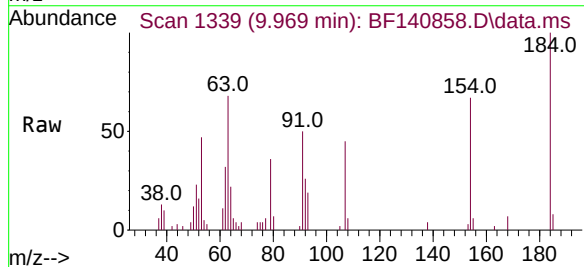
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

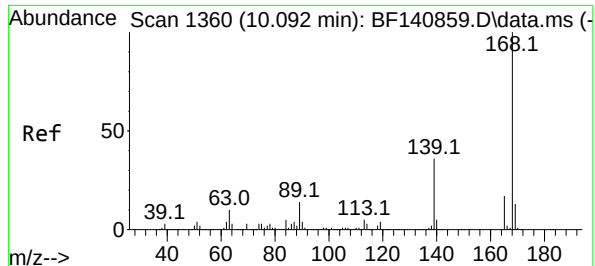
Tgt Ion:138 Resp: 50453
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 119.3 95.5 143.3



#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

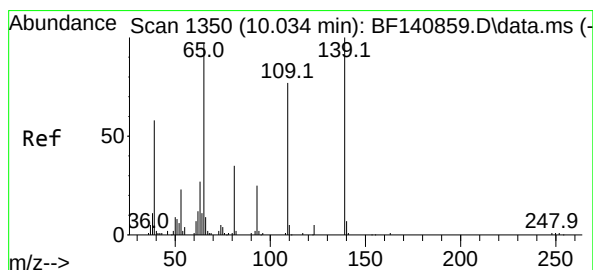
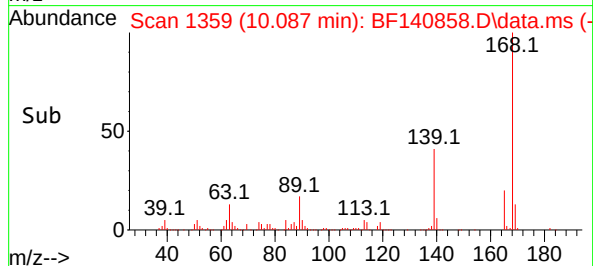
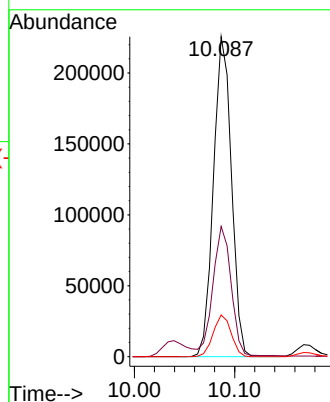
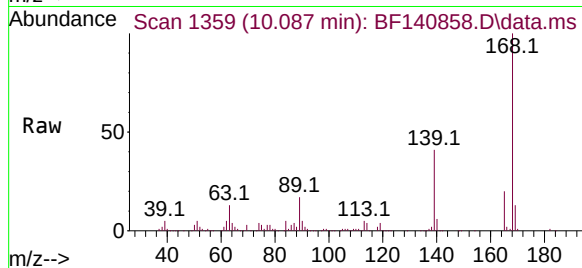
Tgt Ion:168 Resp: 281092

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

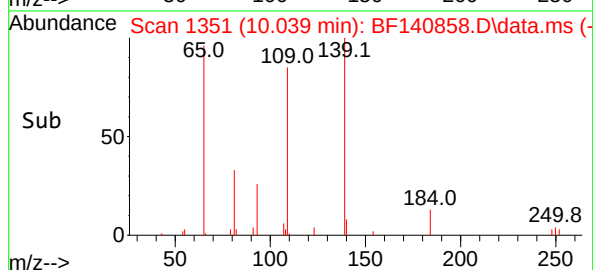
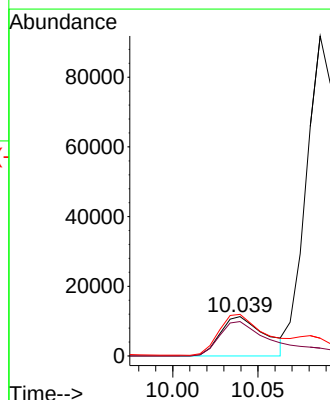
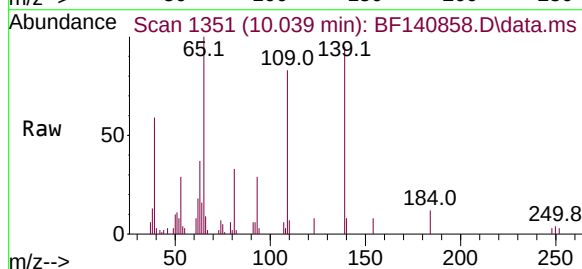
Tgt Ion:139 Resp: 20392

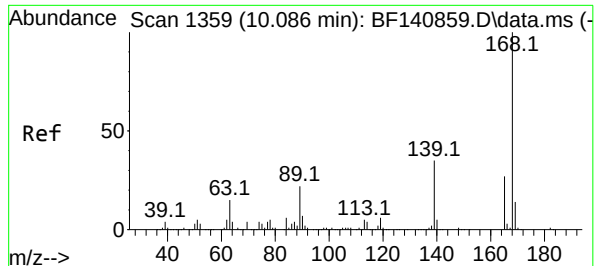
Ion Ratio Lower Upper

139 100

109 87.3 56.7 96.7

65 105.5 78.1 118.1

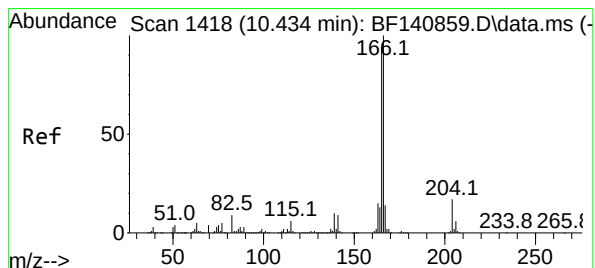
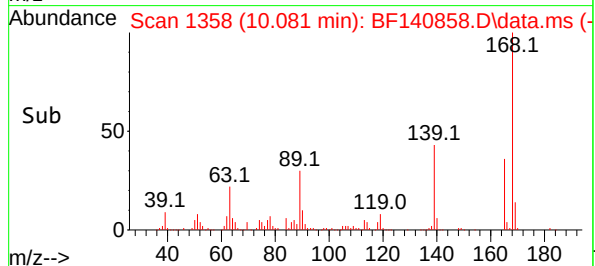
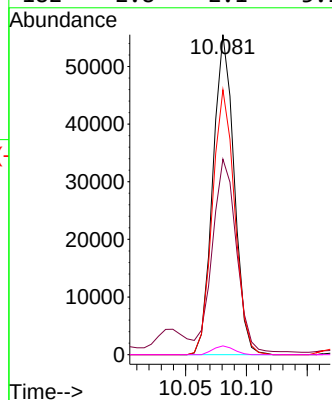
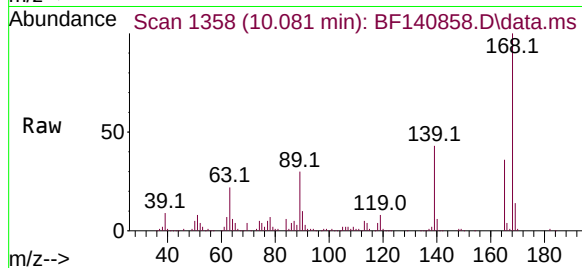




#57
2,4-Dinitrotoluene
Concen: 20.746 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

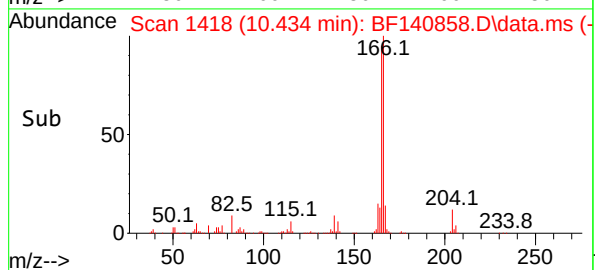
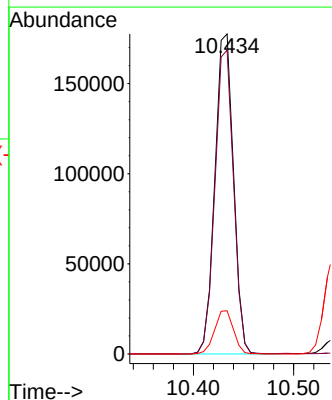
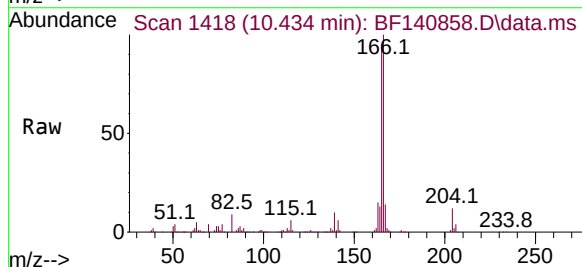
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

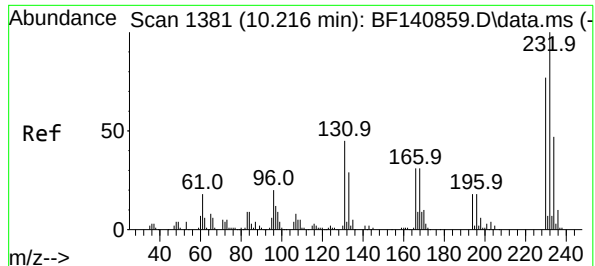
Tgt Ion:165	Resp:	67570
Ion	Ratio	Lower Upper
165	100	
63	61.1	49.3 73.9
89	82.8	66.2 99.4
182	2.8	2.1 3.1



#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

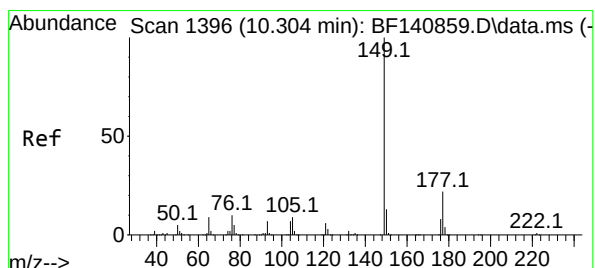
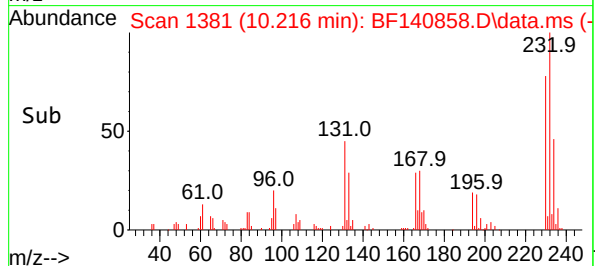
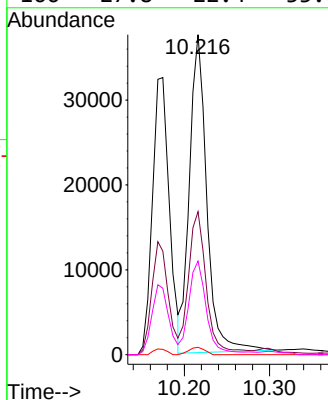
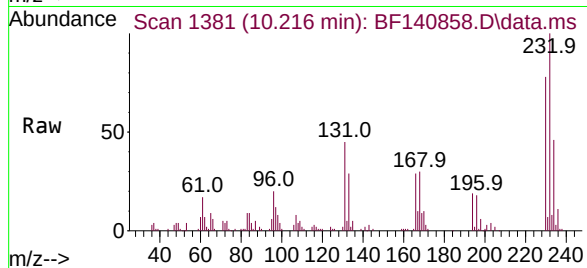




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.459 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

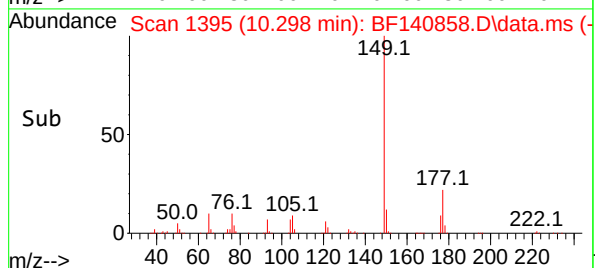
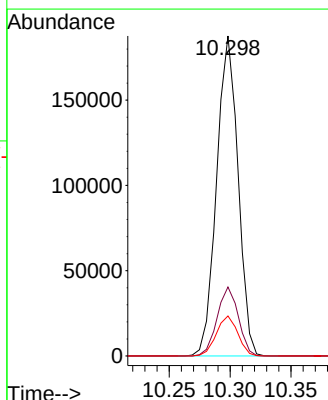
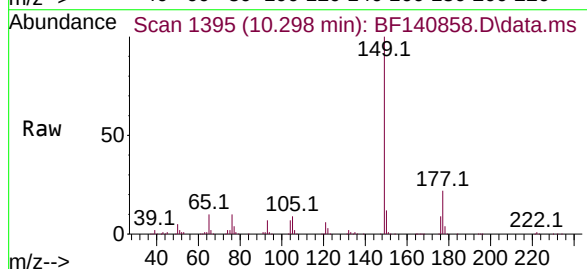
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

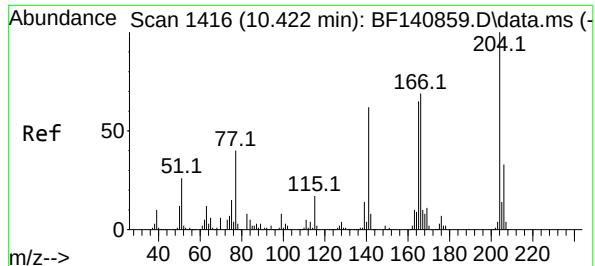
Tgt Ion:232 Resp: 52966
Ion Ratio Lower Upper
232 100
131 46.0 35.1 52.7
130 2.1 1.8 2.8
166 27.8 22.4 33.6



#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

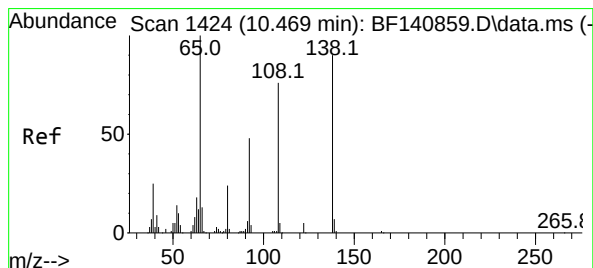
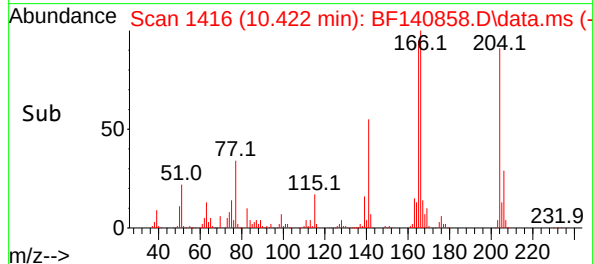
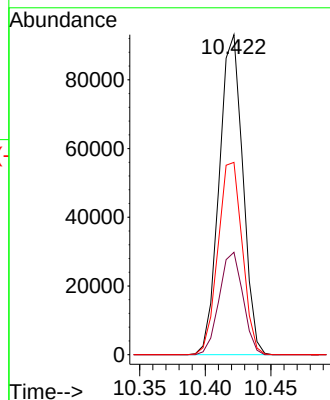
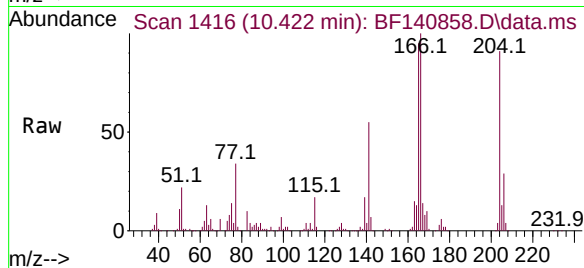




#61
4-Chlorophenyl-phenylether
Concen: 20.693 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

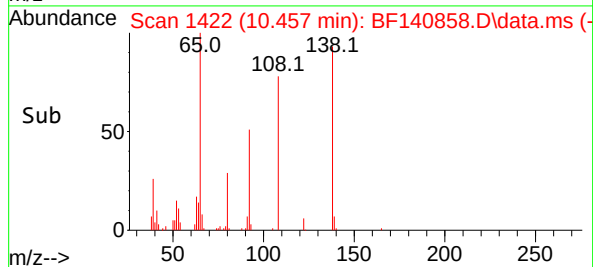
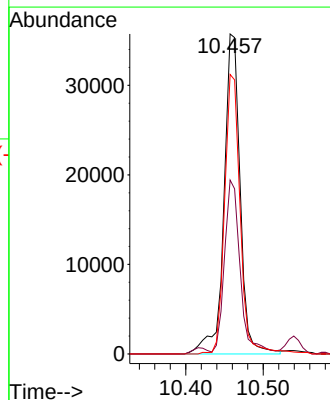
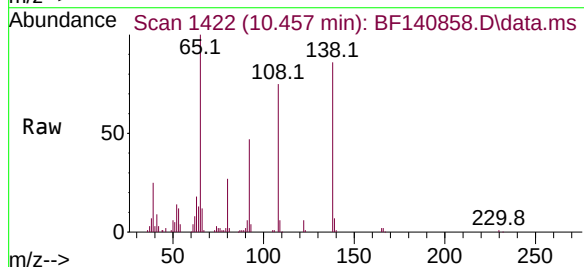
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

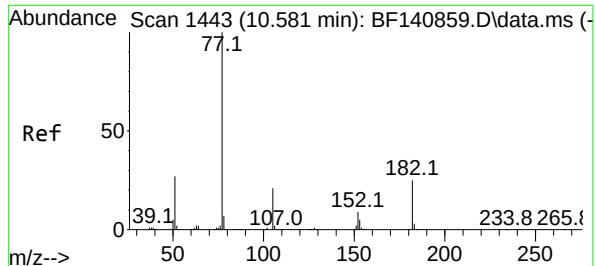
Tgt Ion:204 Resp: 116545
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 60.1 50.0 75.0



#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

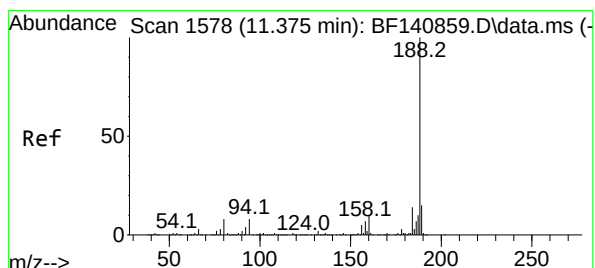
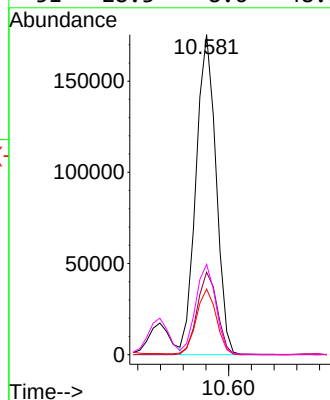
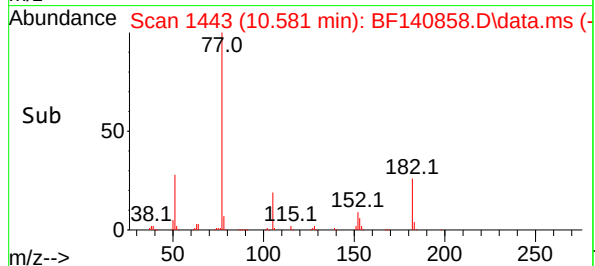
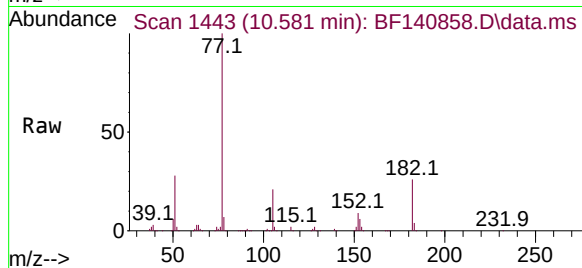




#63
Azobenzene
Concen: 20.286 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

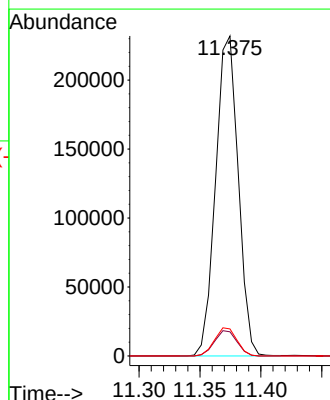
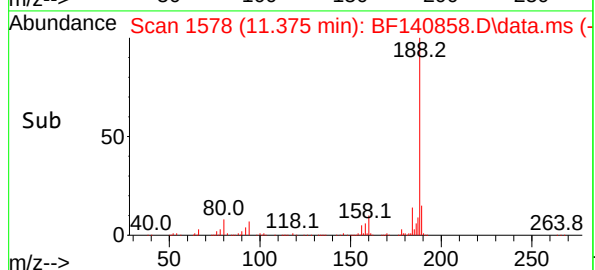
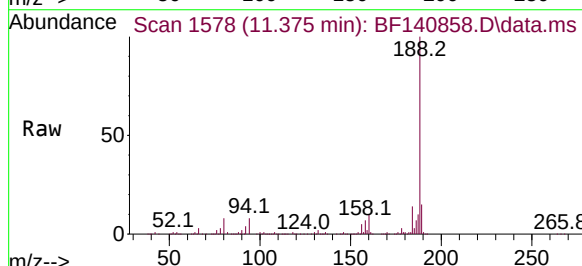
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

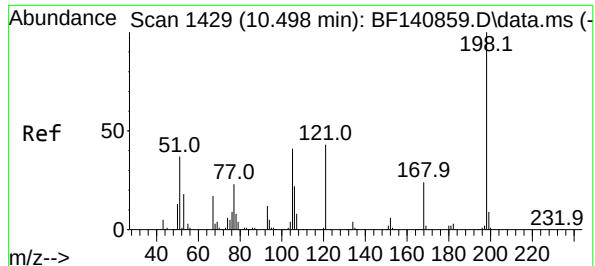
Tgt Ion:	77	Resp:	214137
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.5	44.5
105	20.5	0.9	40.9
51	28.3	8.6	48.6



#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

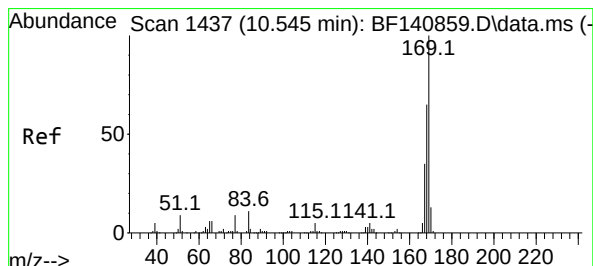
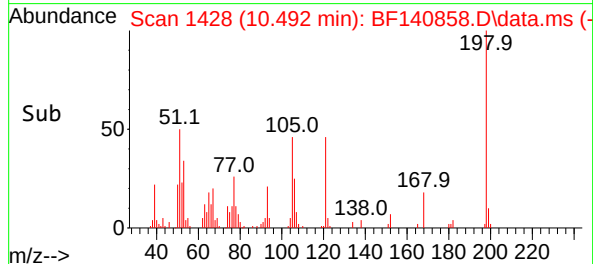
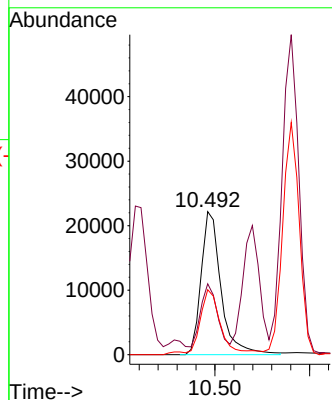
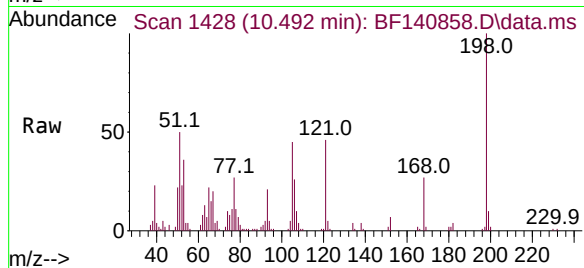




#65
4,6-Dinitro-2-methylphenol
Concen: 19.149 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

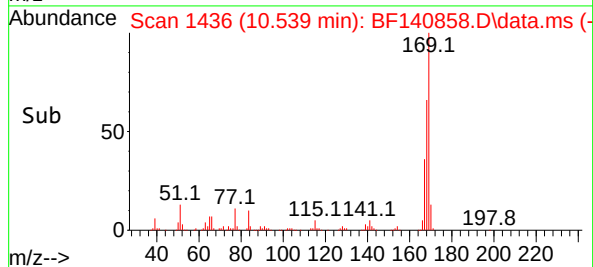
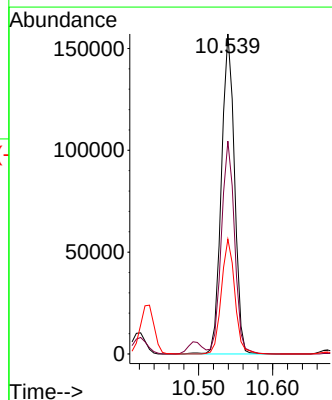
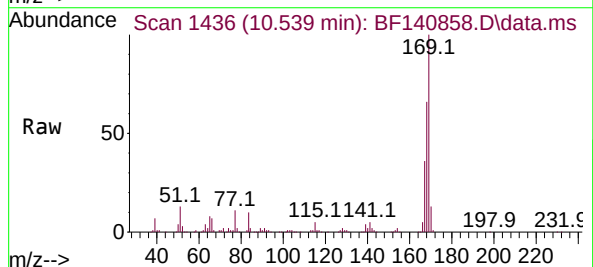
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

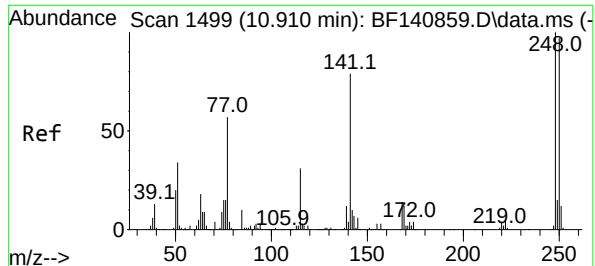
Tgt Ion:198 Resp: 32520
Ion Ratio Lower Upper
198 100
51 49.6 24.4 64.4
105 45.4 22.1 62.1



#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

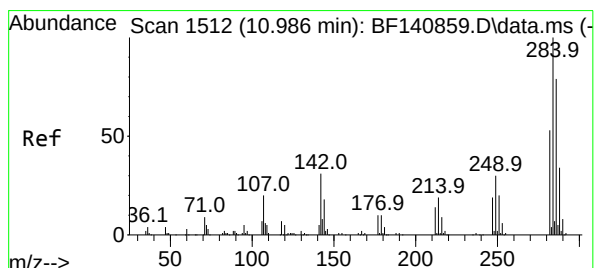
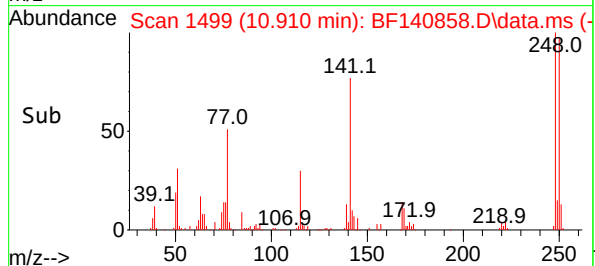
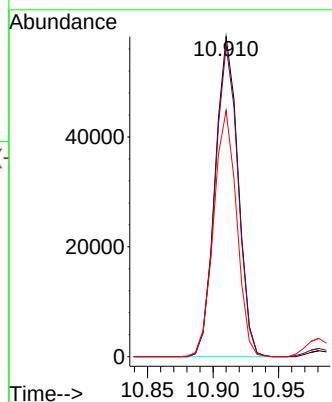
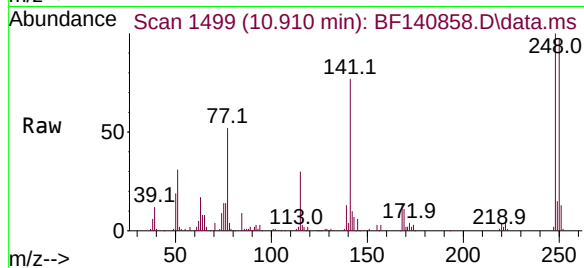




#67
4-Bromophenyl-phenylether
Concen: 21.118 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

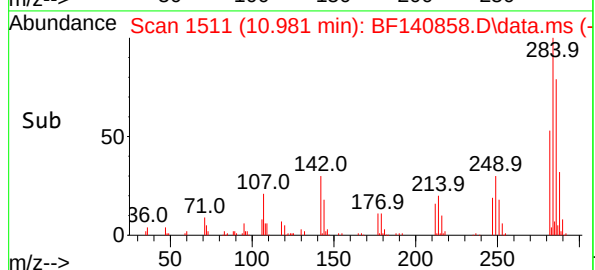
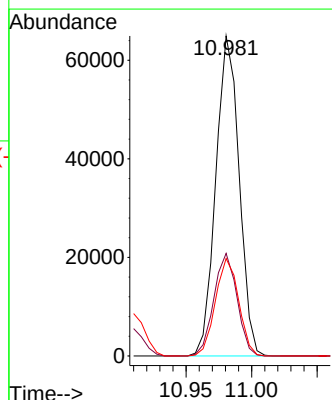
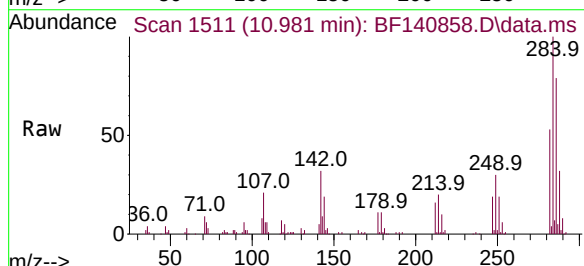
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

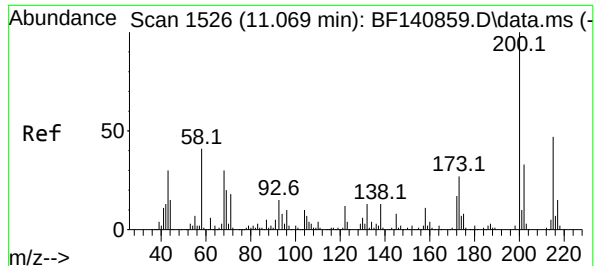
Tgt Ion:248 Resp: 70804
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 77.0 62.9 94.3



#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

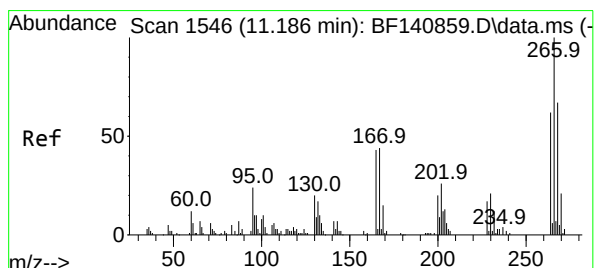
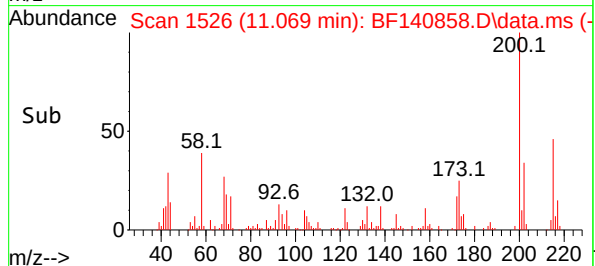
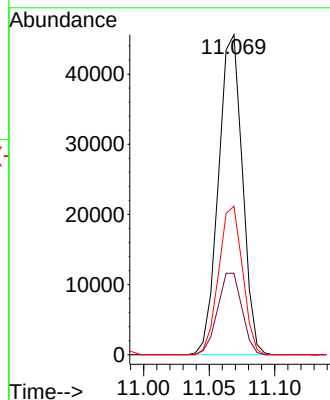
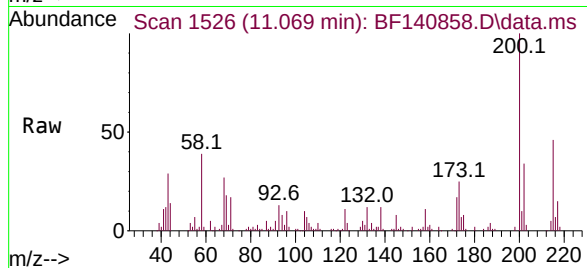
Tgt Ion:200 Resp: 57872

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

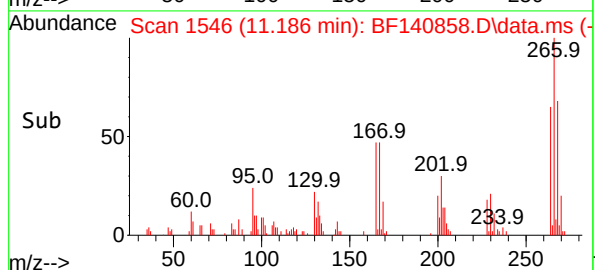
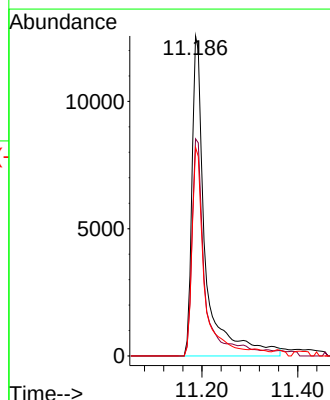
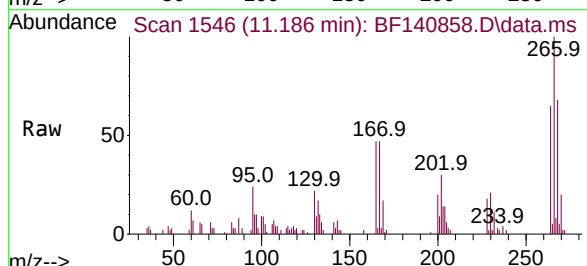
Tgt Ion:266 Resp: 24650

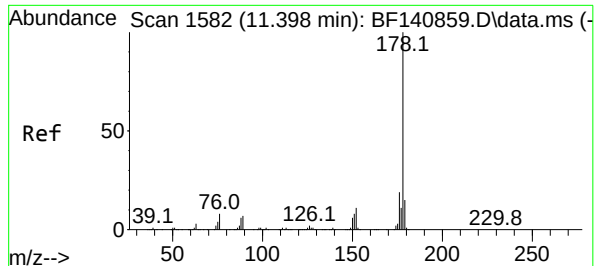
Ion Ratio Lower Upper

266 100

268 67.9 54.0 81.0

264 65.2 49.4 74.2

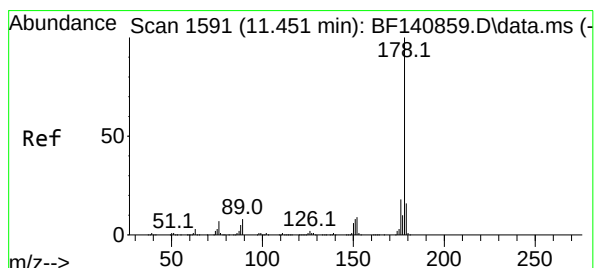
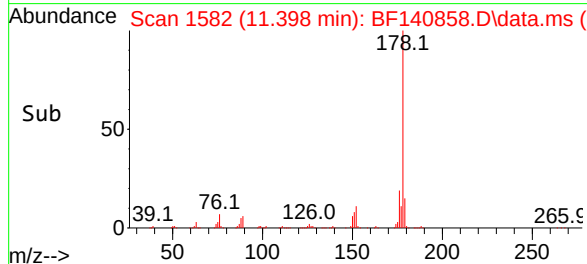
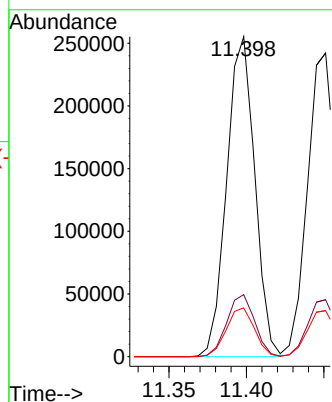
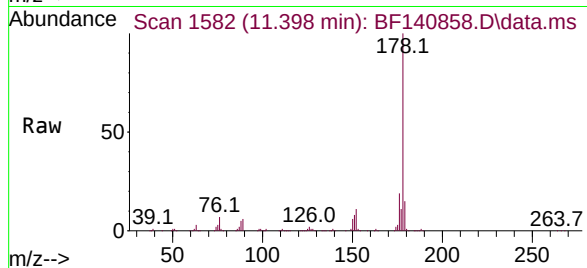




#71
Phenanthrene
Concen: 20.854 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

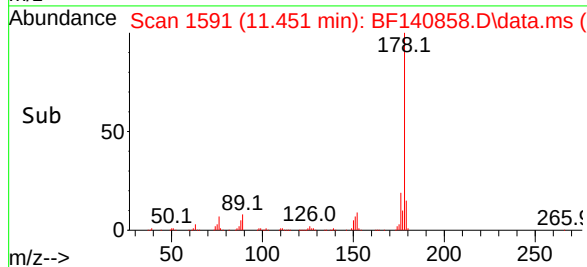
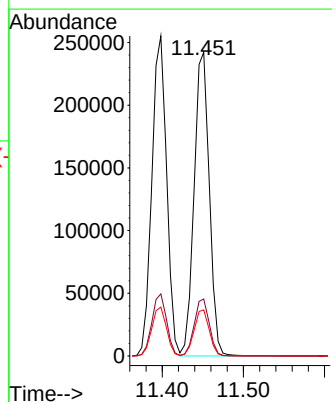
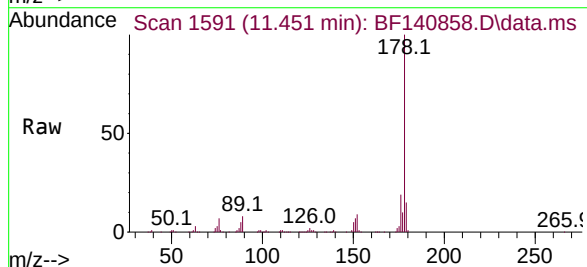
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

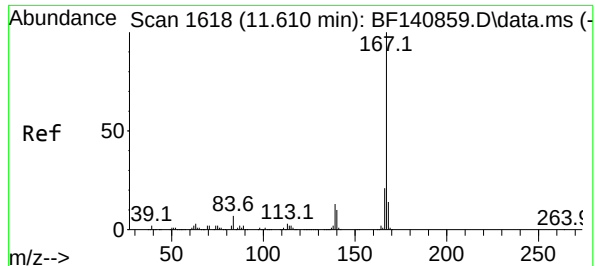
Tgt Ion:178 Resp: 321392
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.1 18.1



#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

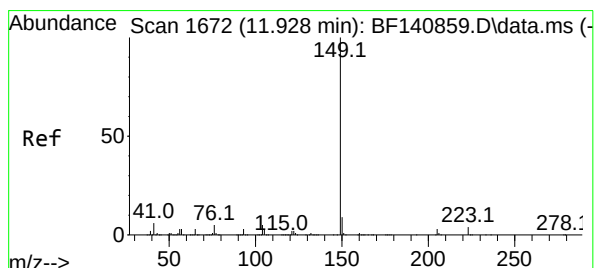
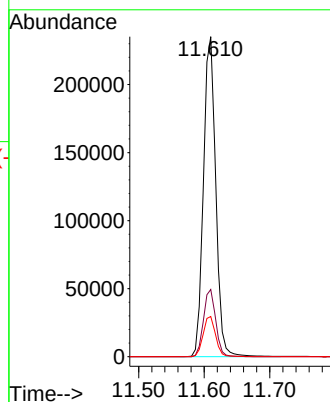
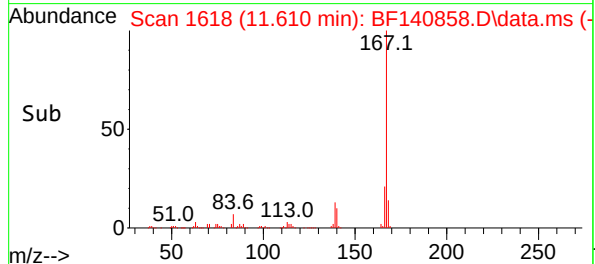
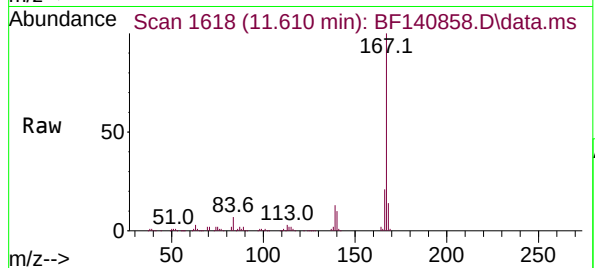




#73
Carbazole
Concen: 20.692 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

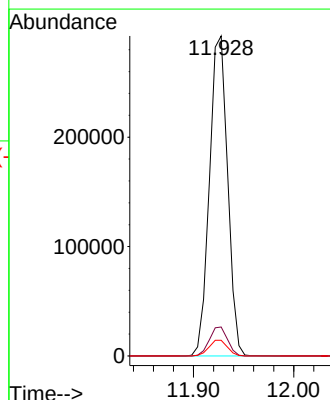
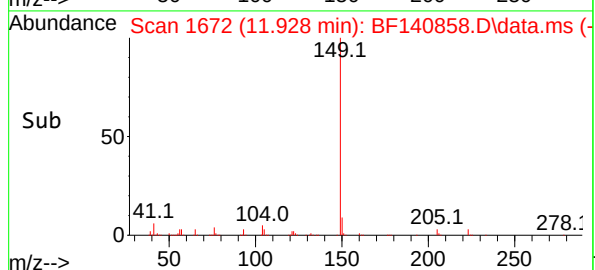
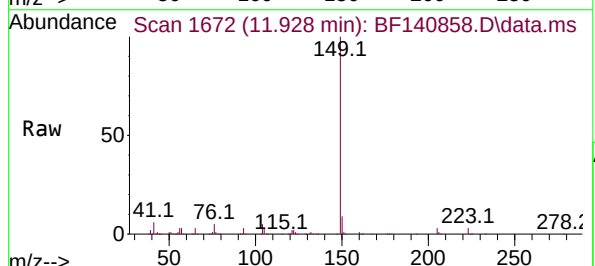
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

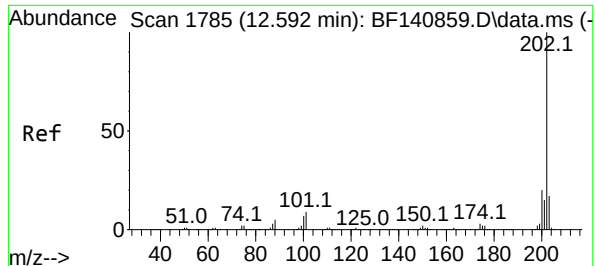
Tgt Ion:167 Resp: 307615
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.6 10.2 15.2



#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

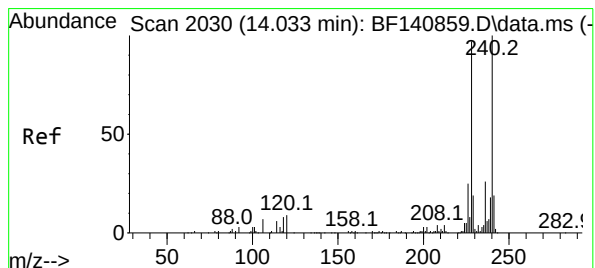
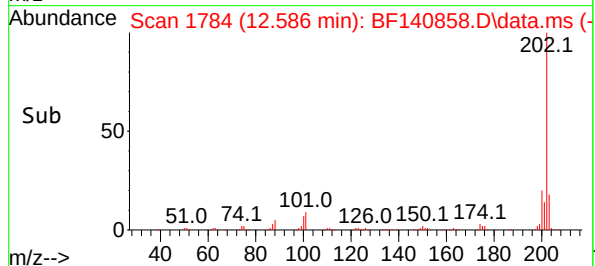
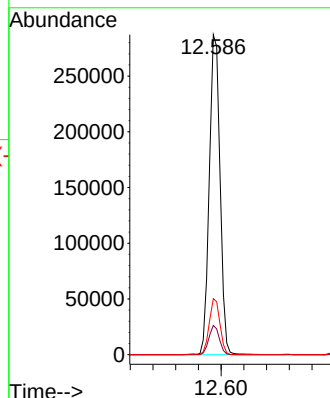
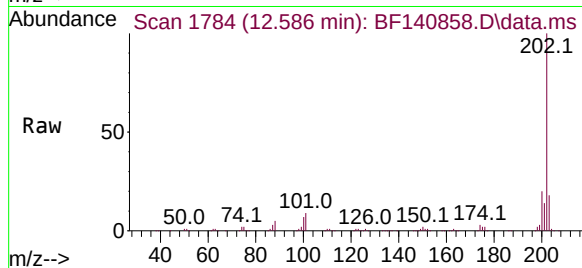




#75
Fluoranthene
Concen: 21.122 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

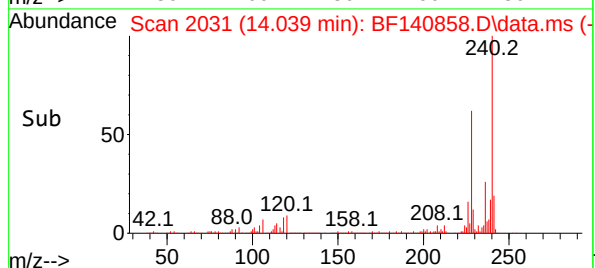
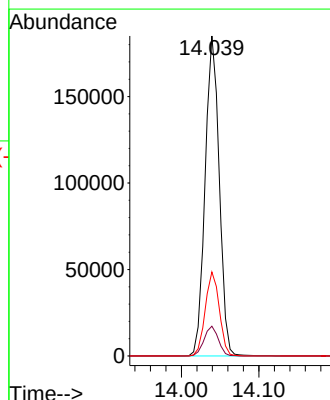
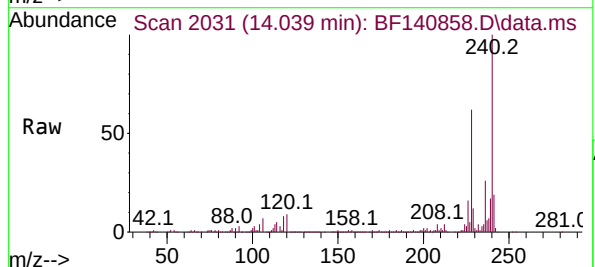
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

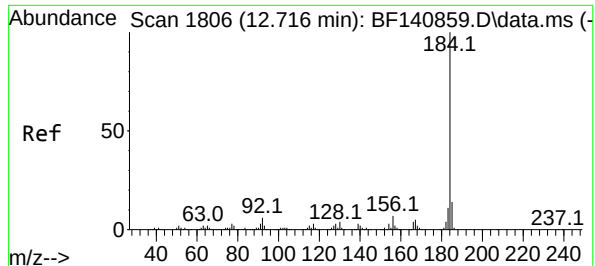
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	17.5	0.0	37.4



#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

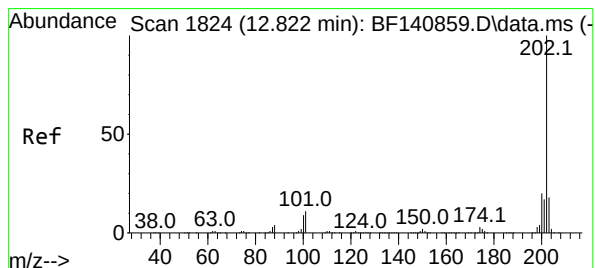
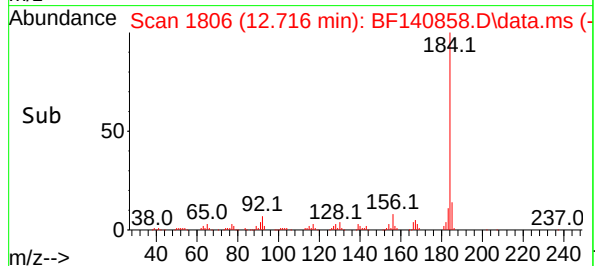
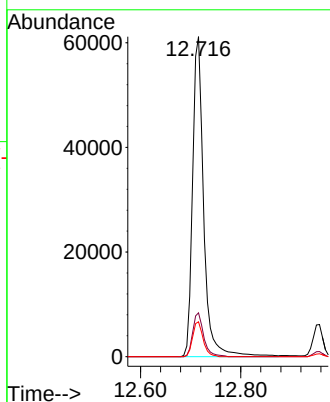
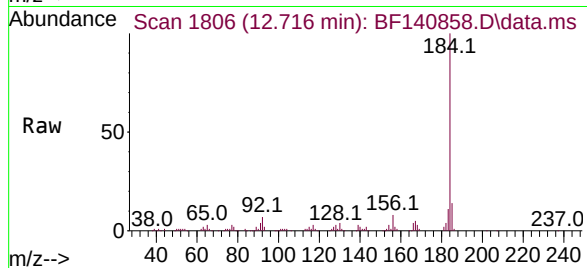




#77
Benzidine
Concen: 19.660 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

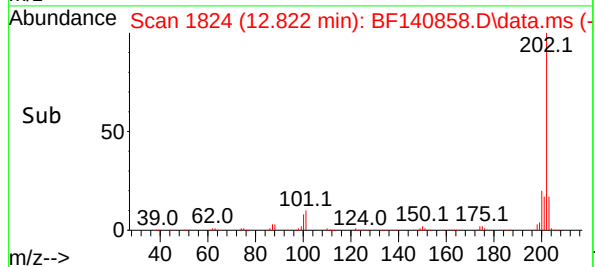
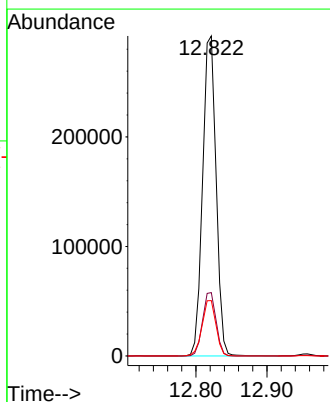
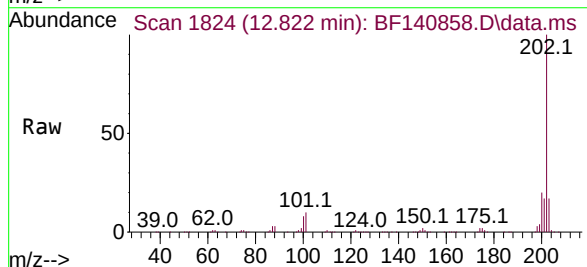
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

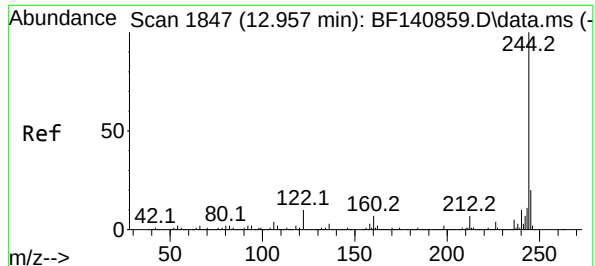
Tgt Ion:184 Resp: 93986
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 10.9 9.0 13.4



#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

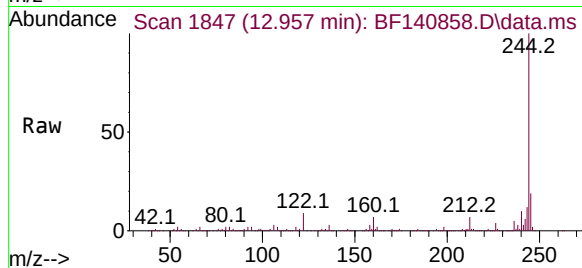
Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



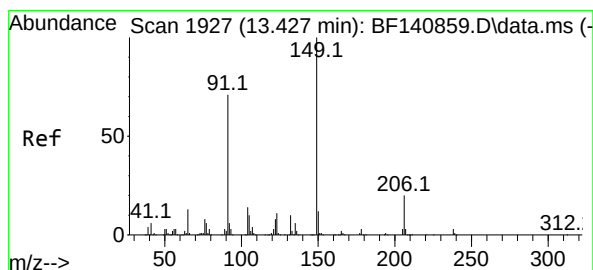
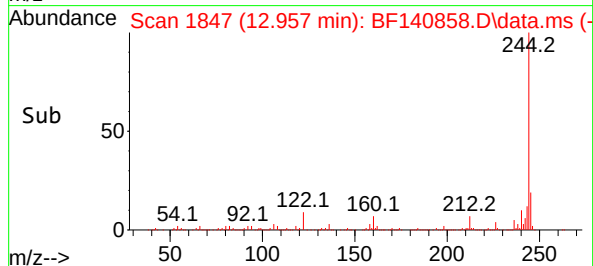
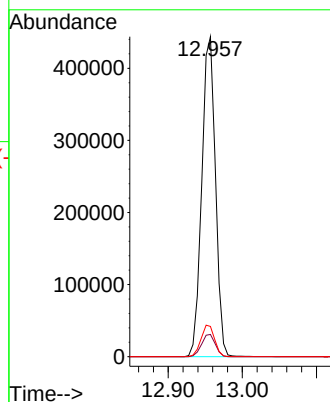
Tgt Ion:244 Resp: 570640

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

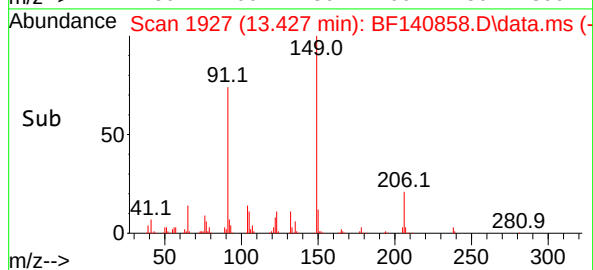
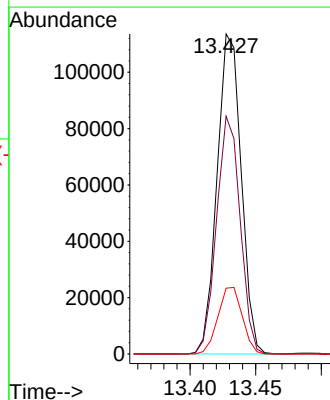
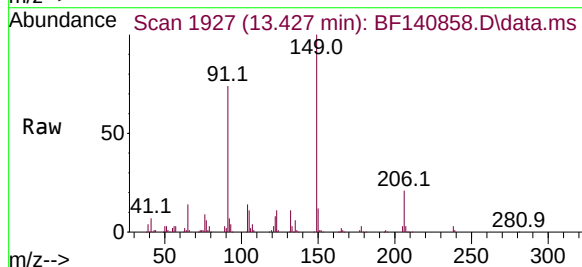
Tgt Ion:149 Resp: 145401

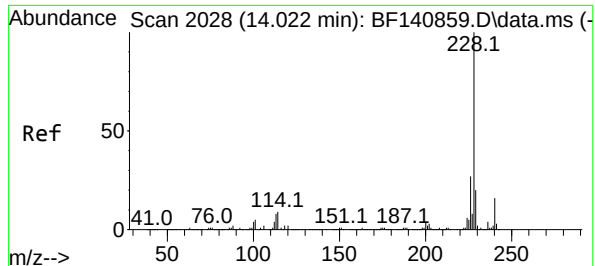
Ion Ratio Lower Upper

149 100

91 74.3 56.7 85.1

206 20.6 16.4 24.6

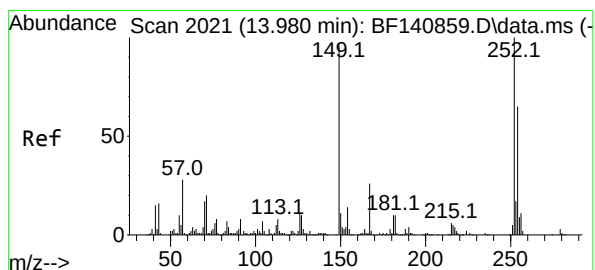
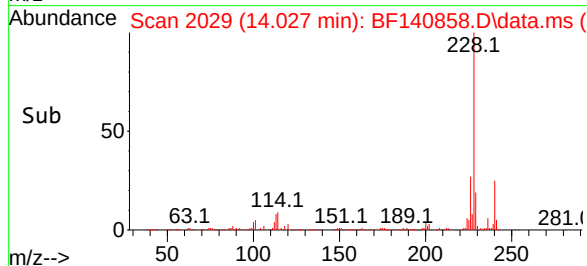
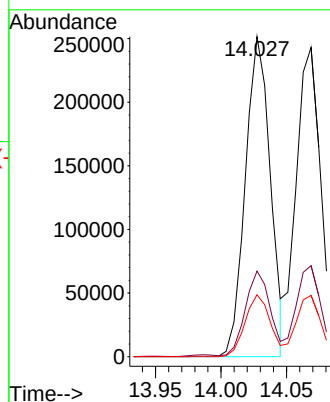
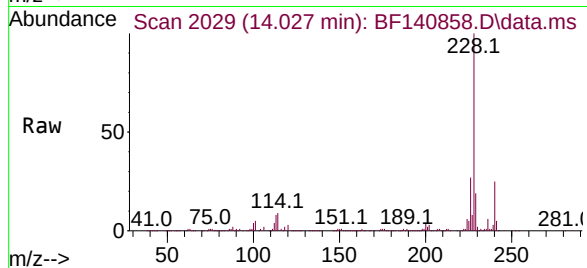




#81
Benzo(a)anthracene
Concen: 20.050 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

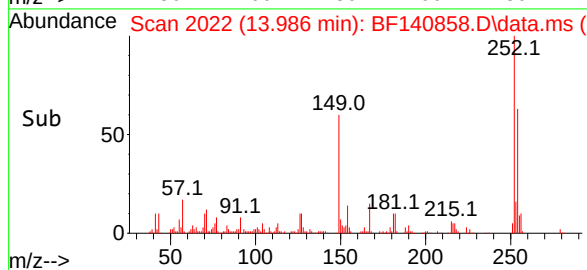
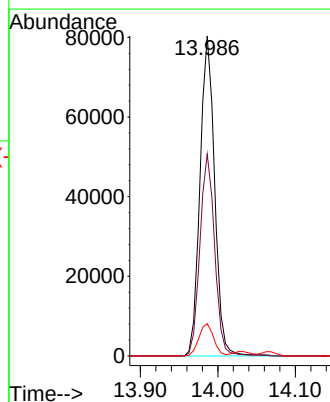
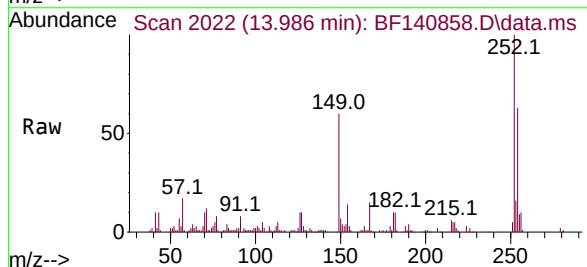
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

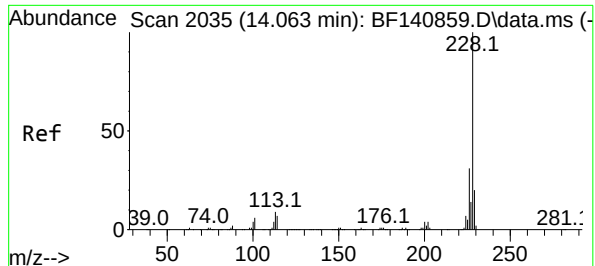
Tgt Ion:228 Resp: 332845
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.3 15.8 23.8



#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# 20

Delta R.T. 0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

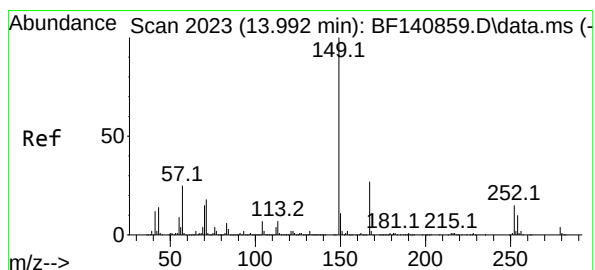
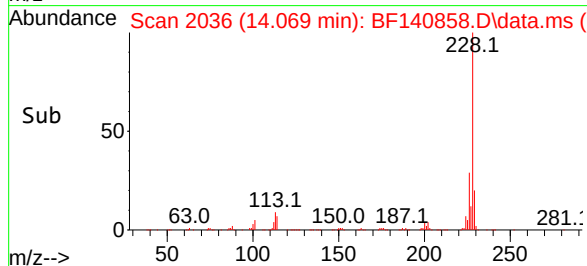
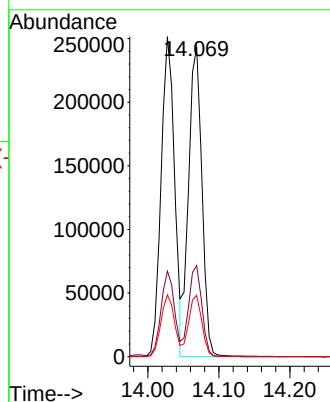
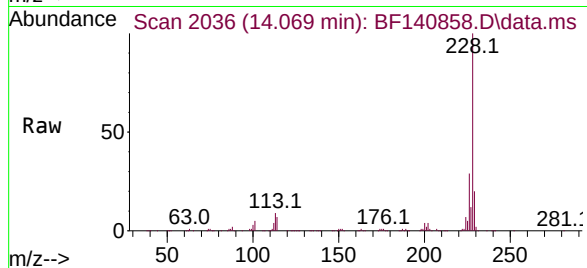
Tgt Ion:228 Resp: 319417

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

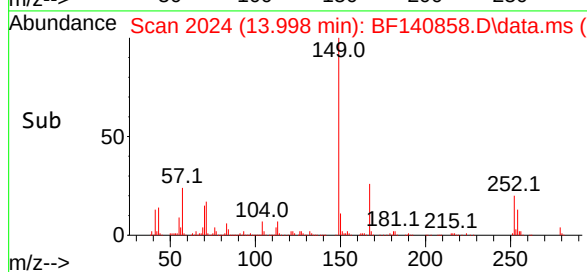
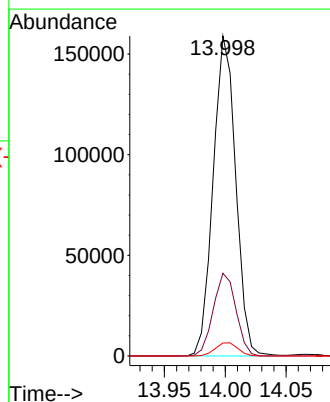
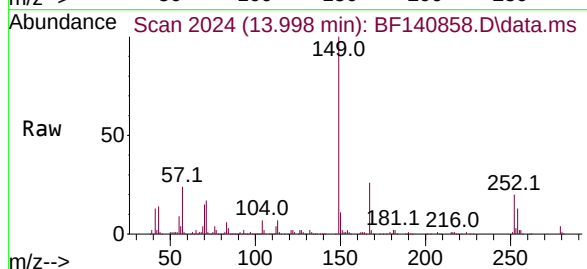
Tgt Ion:149 Resp: 204953

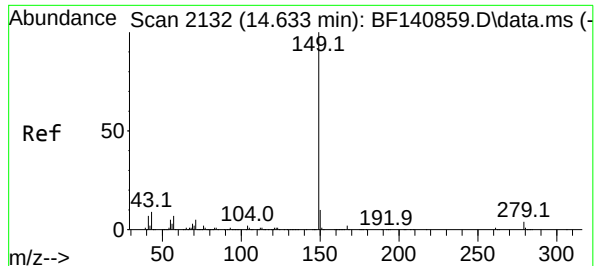
Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.8

279 4.0 3.5 5.3

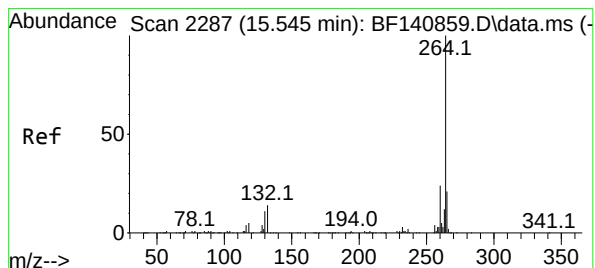
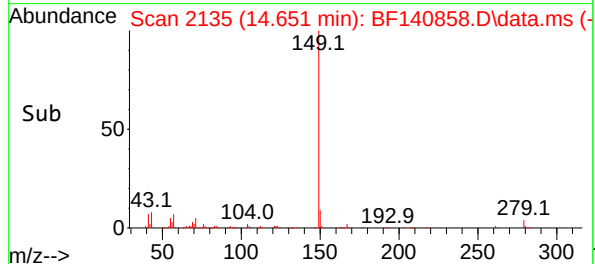
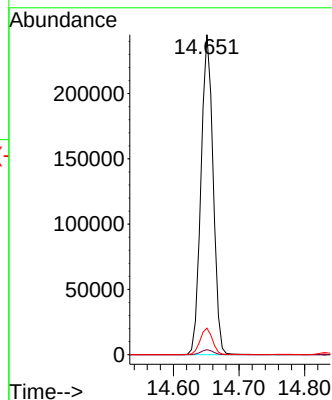
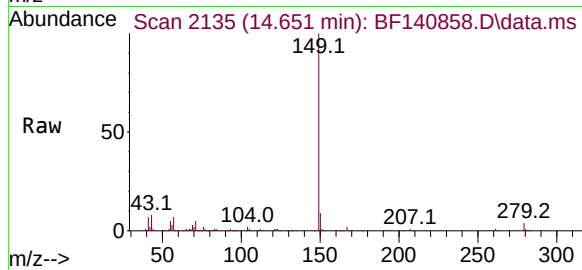




#85
Di-n-octyl phthalate
Concen: 21.125 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

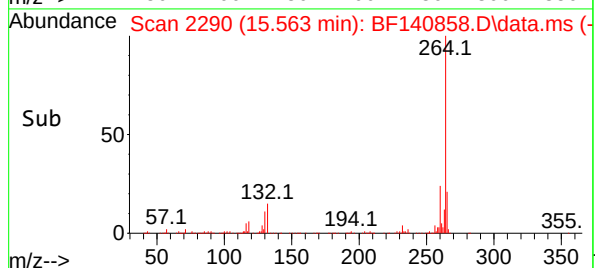
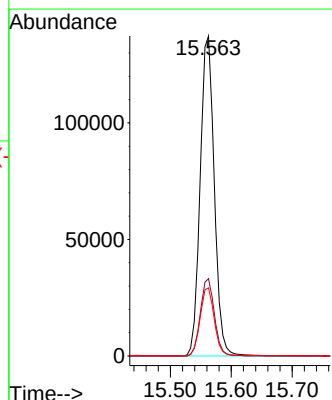
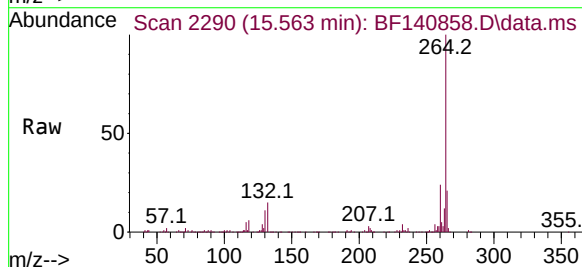
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

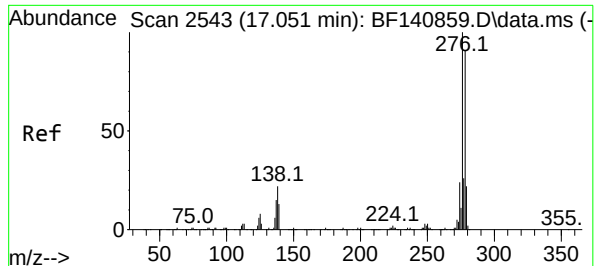
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.5	7.0	10.6



#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	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.3	17.0	25.4

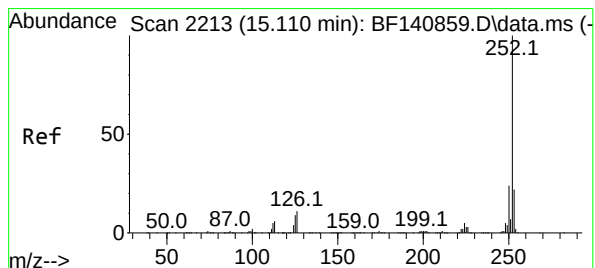
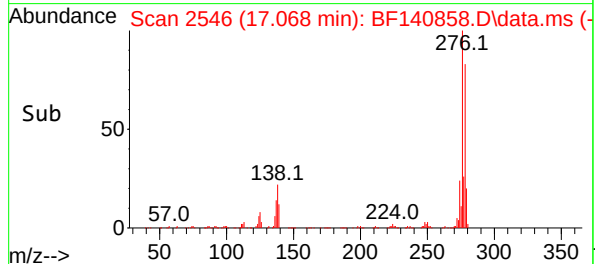
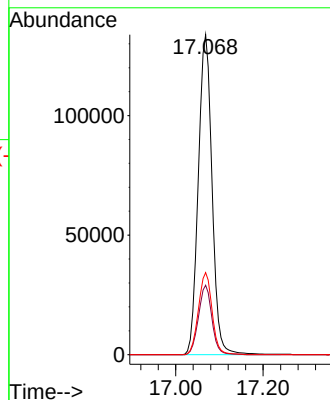
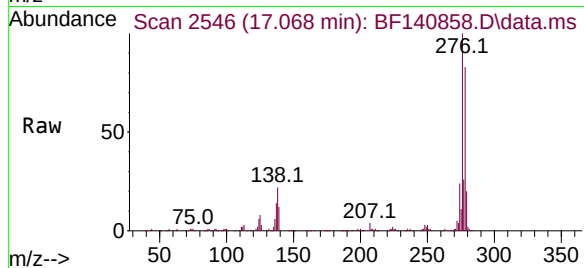




#87
Indeno(1,2,3-cd)pyrene
Concen: 21.315 ng
RT: 17.068 min Scan# 2115
Delta R.T. 0.018 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

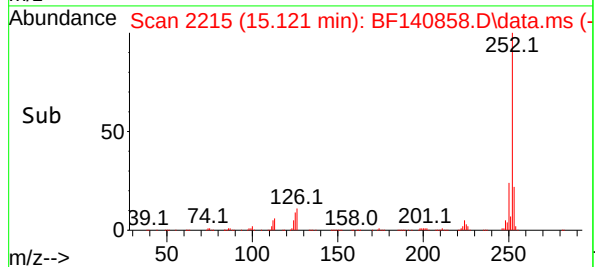
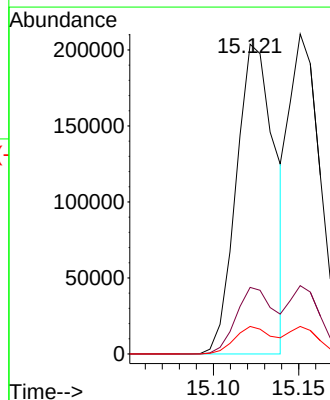
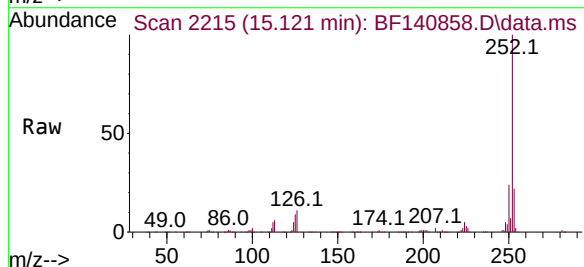
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

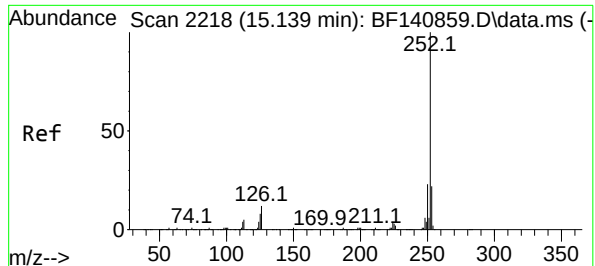
Tgt Ion:276 Resp: 293402
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.5 20.2 30.4



#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

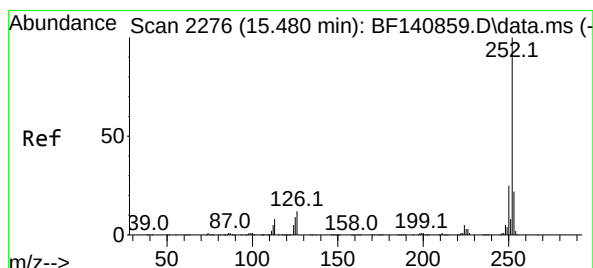
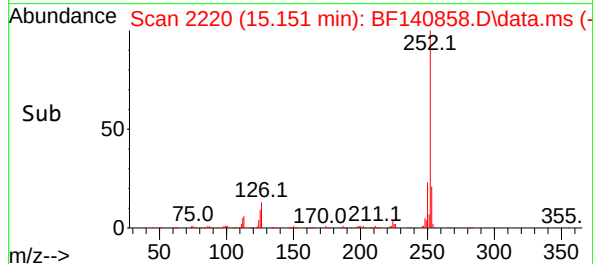
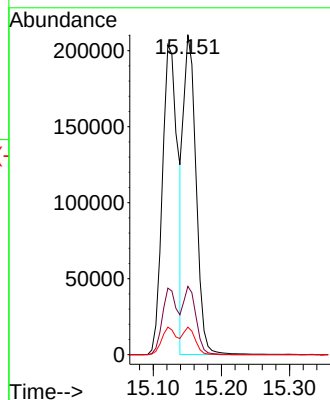
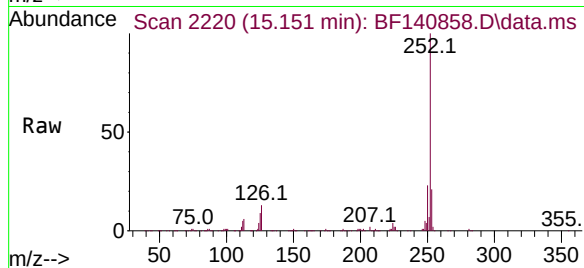
Tgt Ion:252 Resp: 269871

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

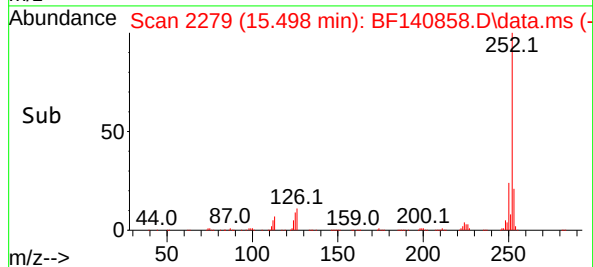
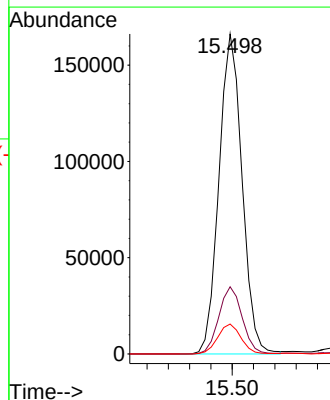
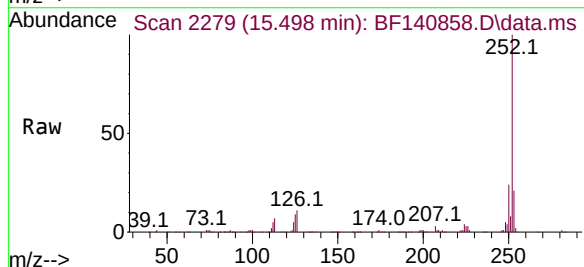
Tgt Ion:252 Resp: 250110

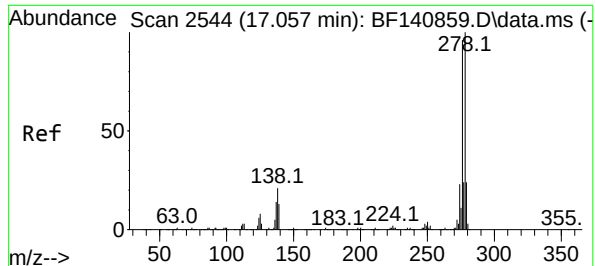
Ion Ratio Lower Upper

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

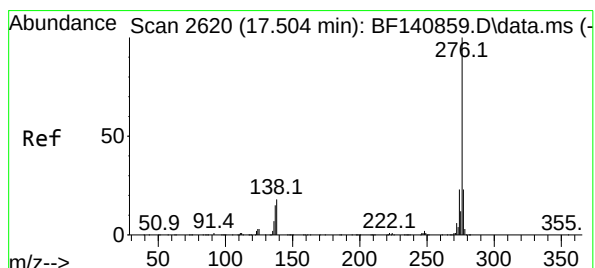
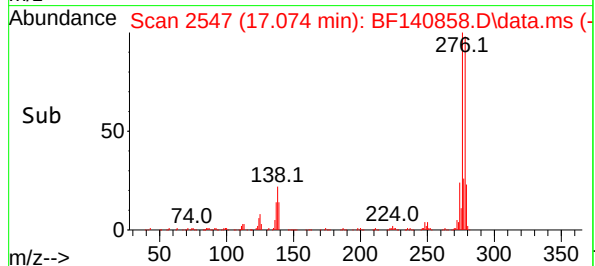
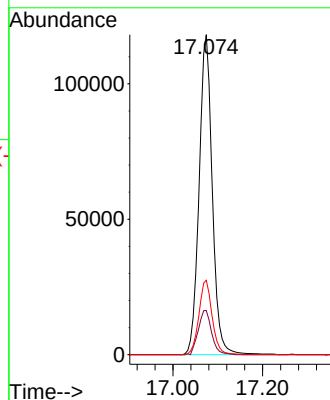
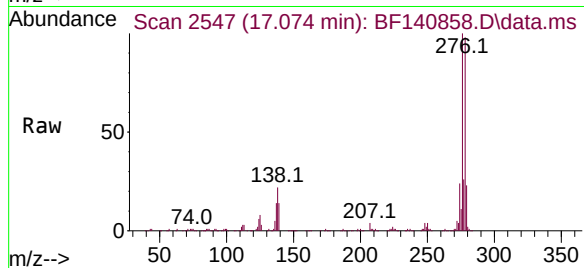
Tgt Ion:278 Resp: 240810

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

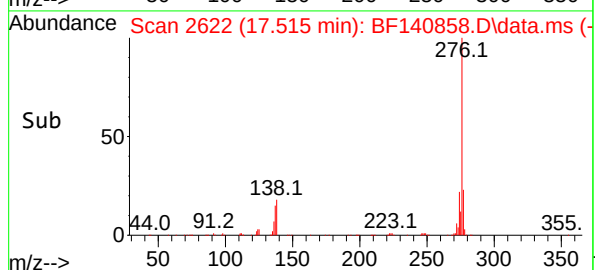
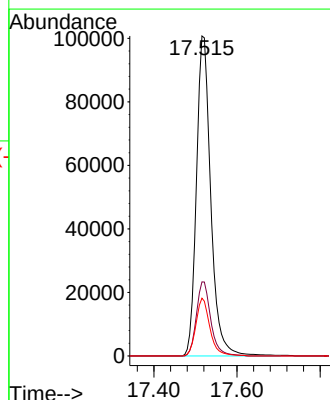
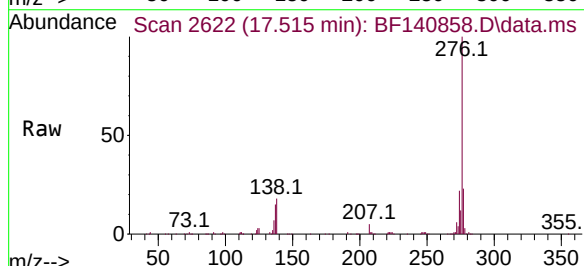
Tgt Ion:276 Resp: 241228

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

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

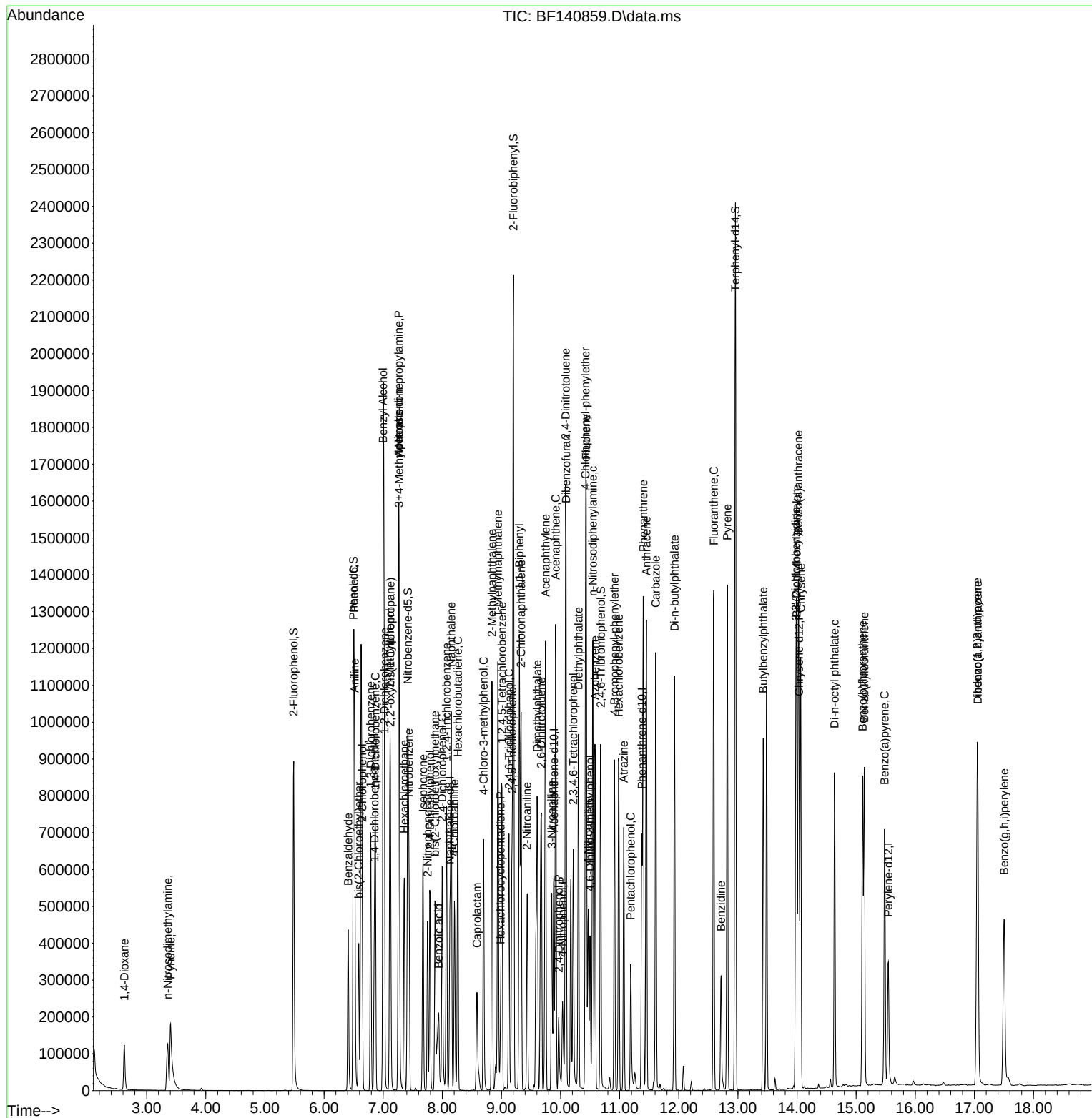
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	142411	38.395	ng	100
46) 1,1'-Biphenyl	9.304	154	542419	38.044	ng	100
47) 2-Chloronaphthalene	9.334	162	419357	38.447	ng	100
48) 2-Nitroaniline	9.434	65	128421	38.984	ng	100
49) Acenaphthylene	9.745	152	621763	38.790	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

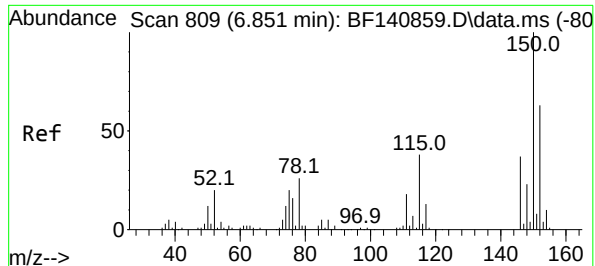
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

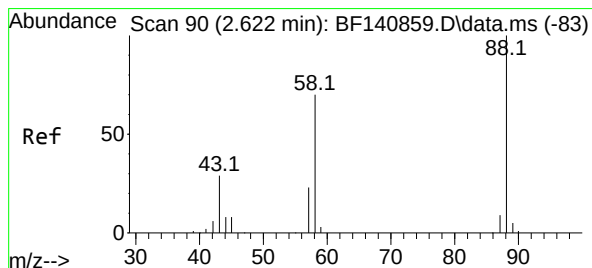
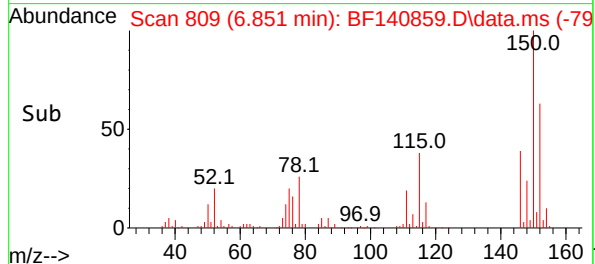
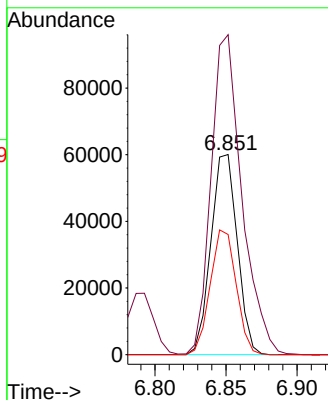
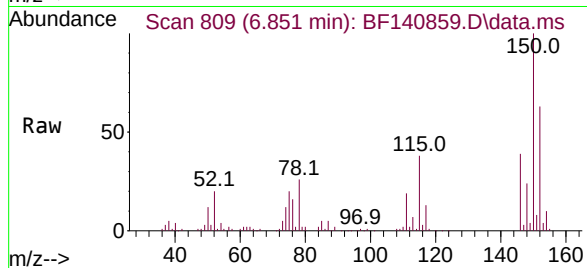




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

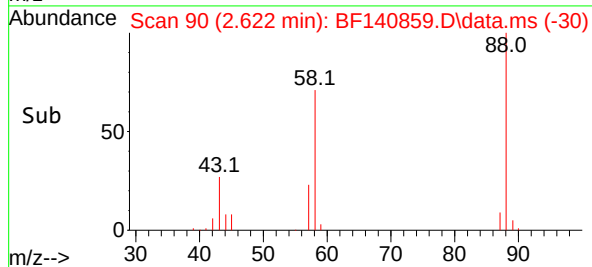
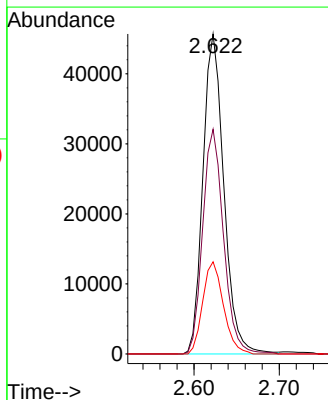
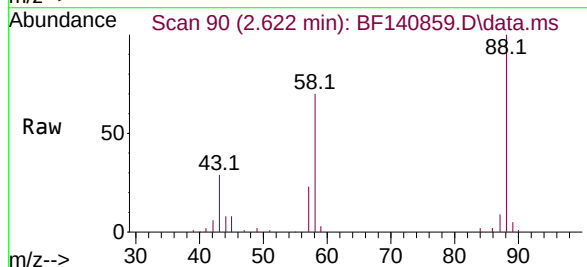
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

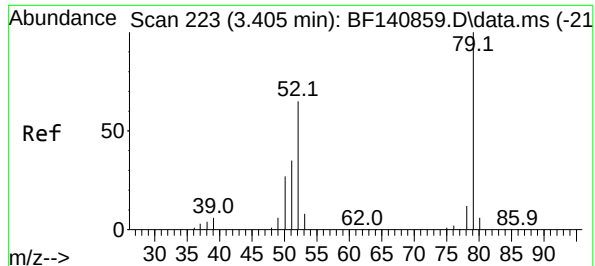
Tgt Ion:152 Resp: 77674
Ion Ratio Lower Upper
152 100
150 159.9 127.9 191.9
115 60.0 48.0 72.0



#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

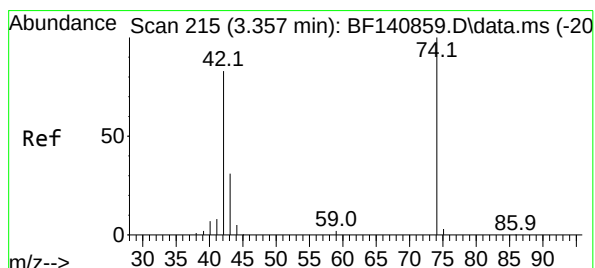
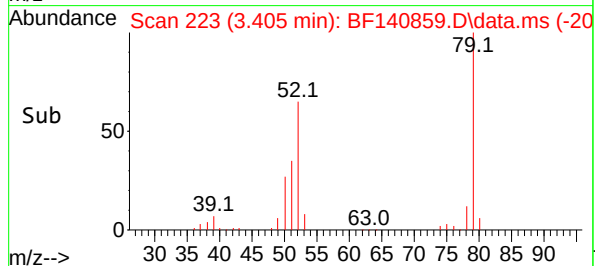
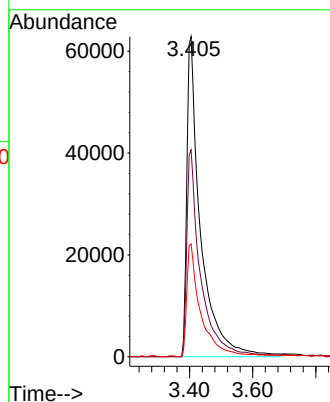
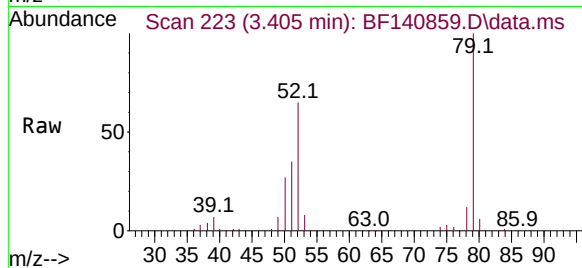
Tgt Ion: 79 Resp: 189803

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

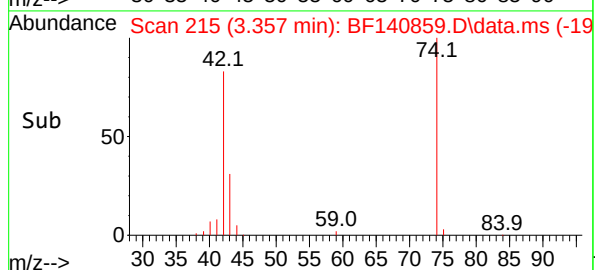
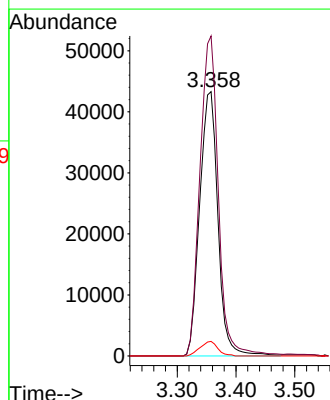
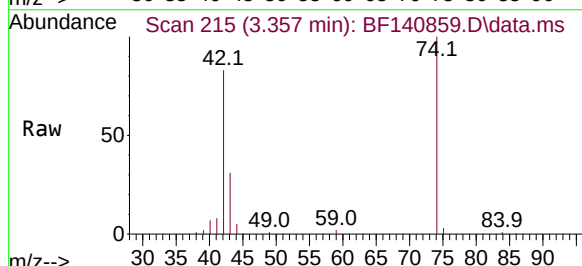
Tgt Ion: 42 Resp: 93747

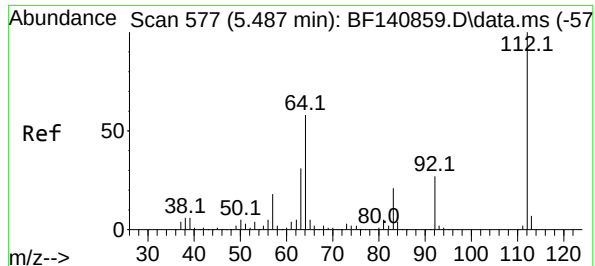
Ion Ratio Lower Upper

42 100

74 121.1 96.9 145.3

44 5.5 4.4 6.6

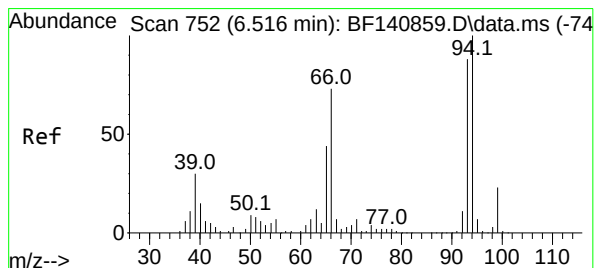
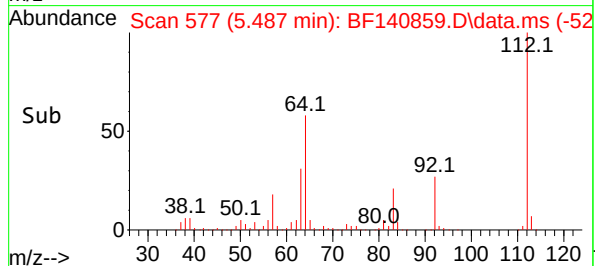
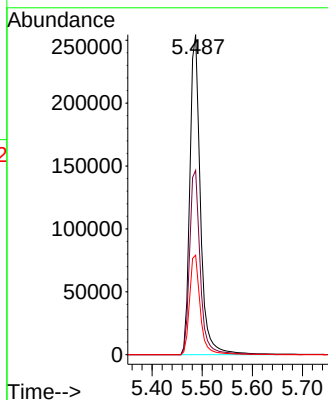
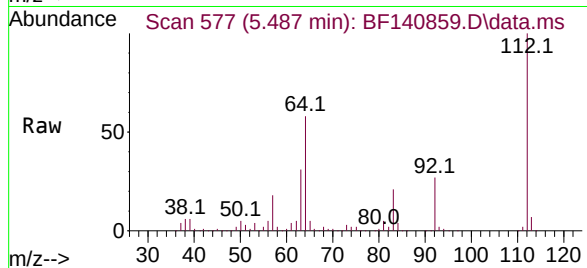




#5
2-Fluorophenol
Concen: 78.982 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

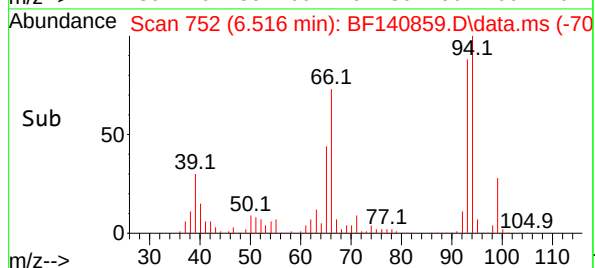
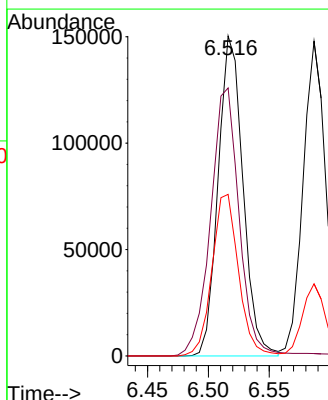
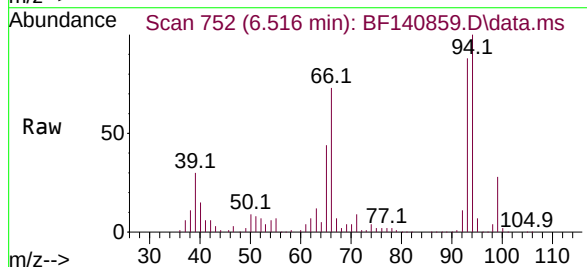
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

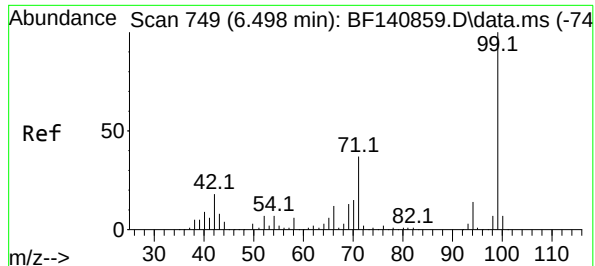
Tgt Ion:112 Resp: 372670
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 31.1 24.9 37.3



#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

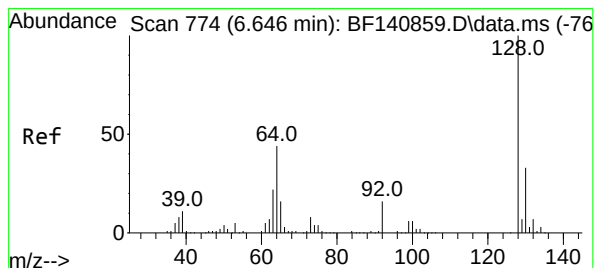
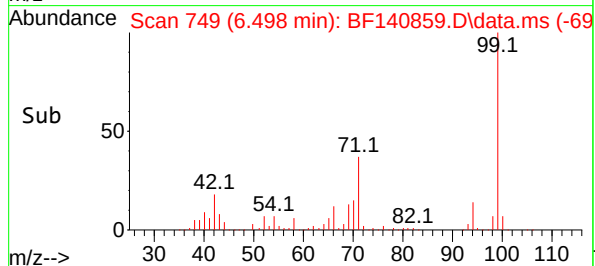
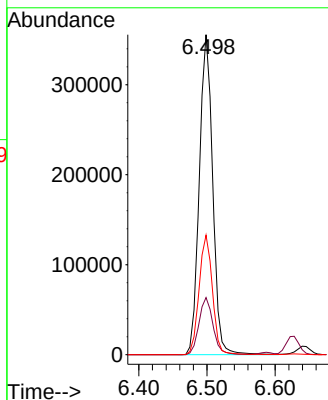
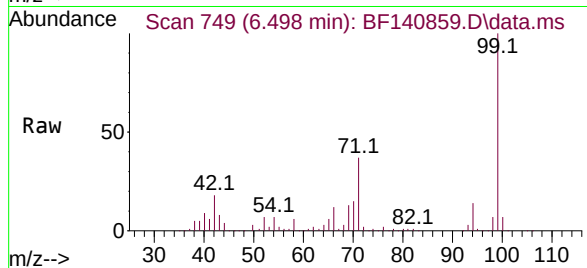
Tgt Ion: 99 Resp: 486855

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

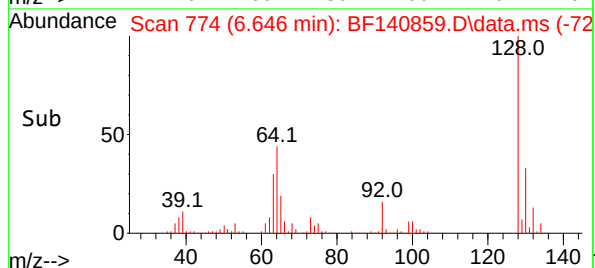
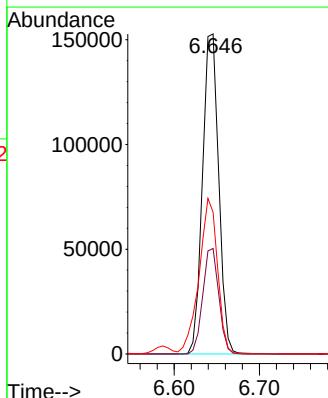
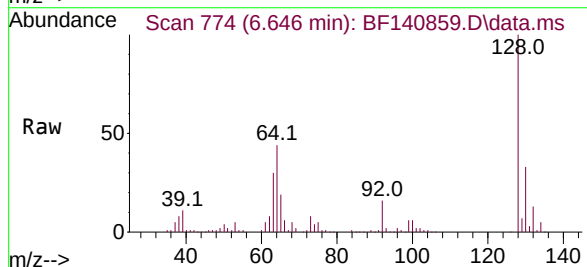
Tgt Ion: 128 Resp: 202098

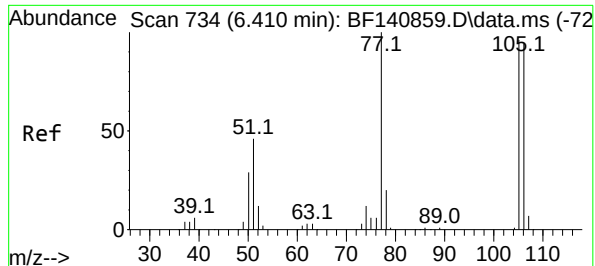
Ion Ratio Lower Upper

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

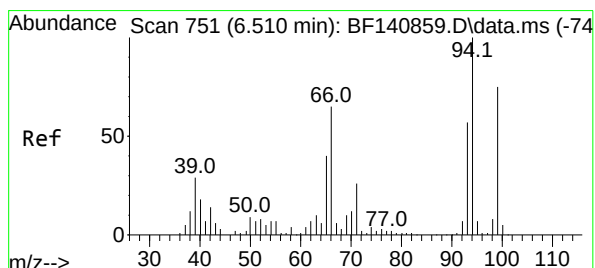
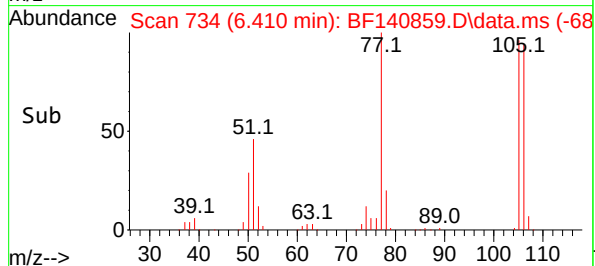
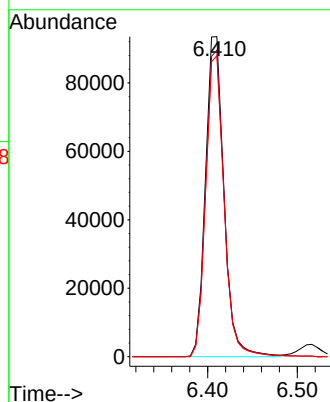
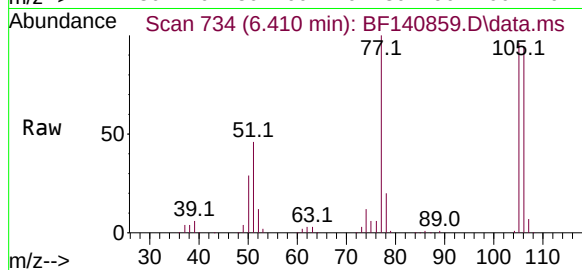
Tgt Ion: 77 Resp: 134222

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

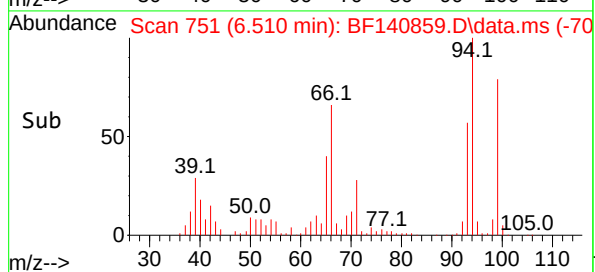
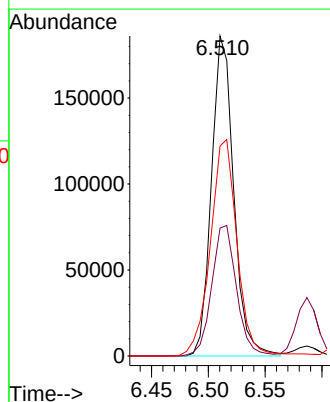
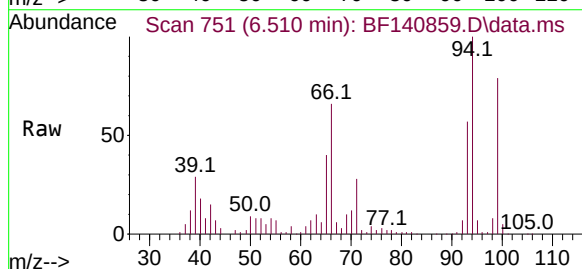
Tgt Ion: 94 Resp: 253259

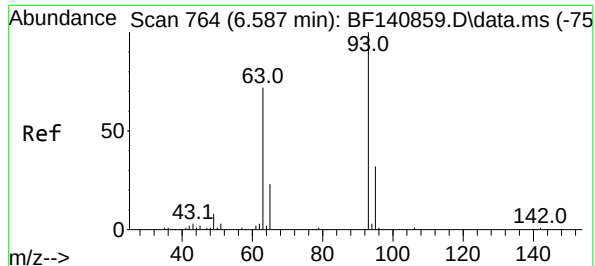
Ion Ratio Lower Upper

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

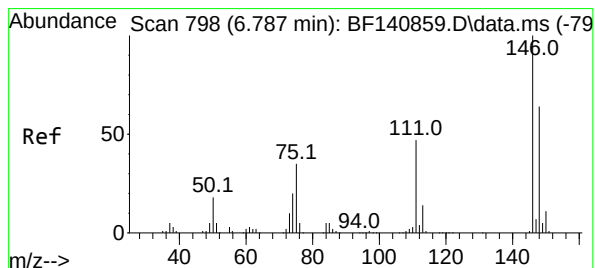
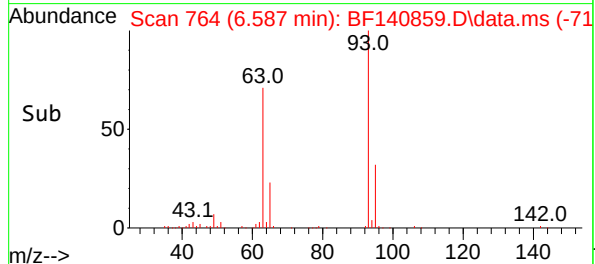
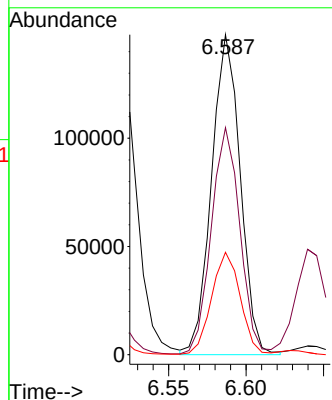
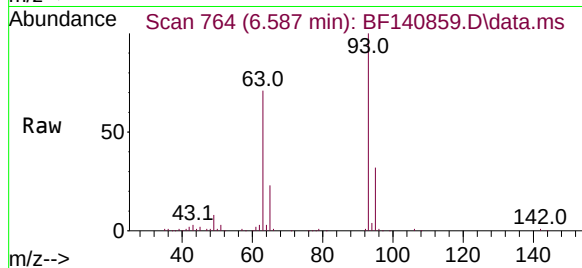
Tgt Ion: 93 Resp: 190608

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

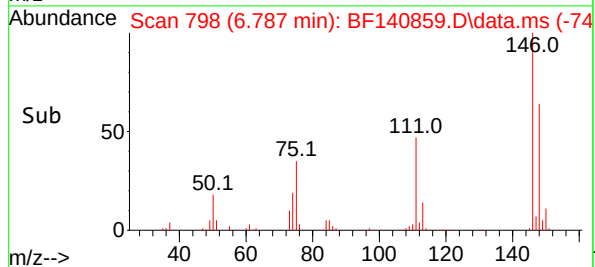
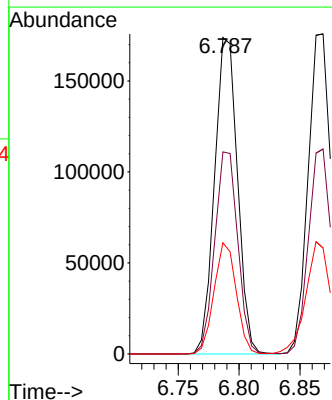
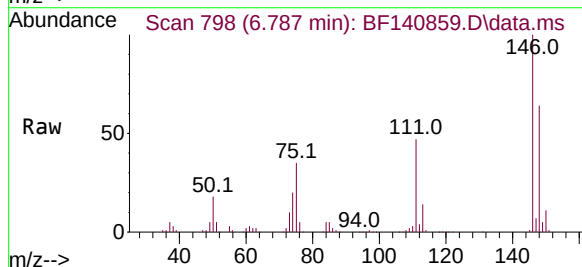
Tgt Ion:146 Resp: 228181

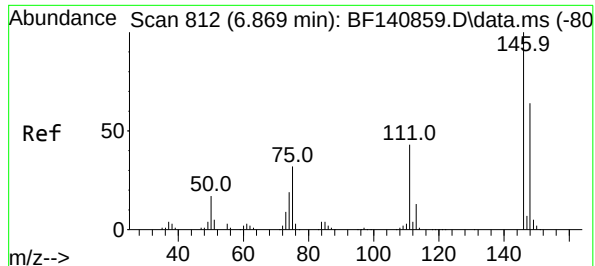
Ion Ratio Lower Upper

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

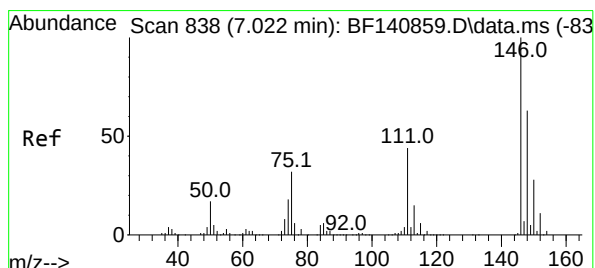
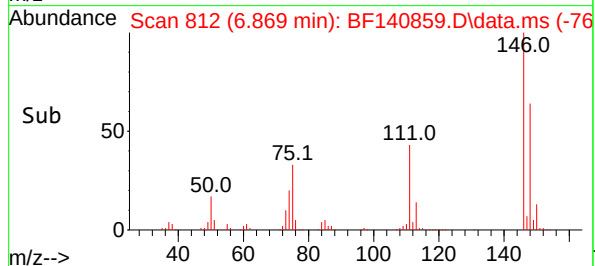
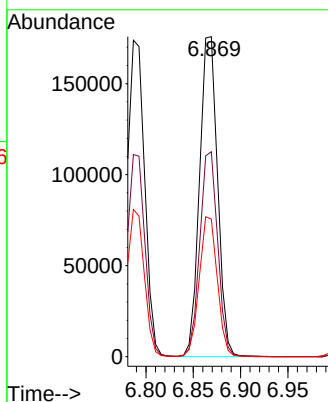
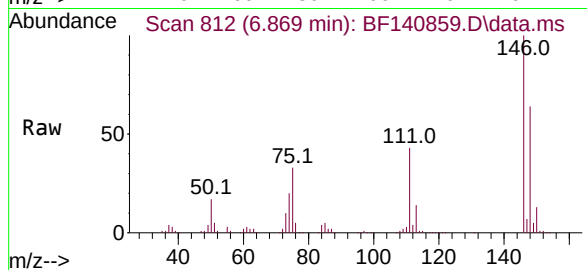
Tgt Ion:146 Resp: 232493

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

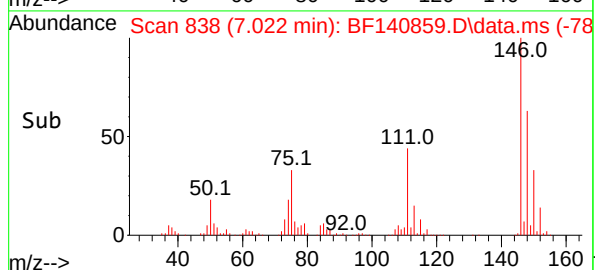
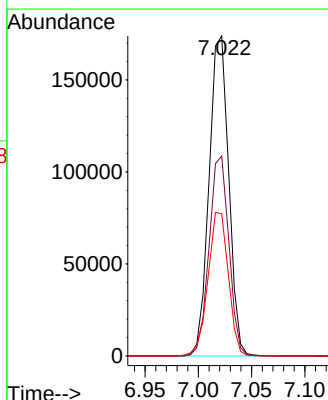
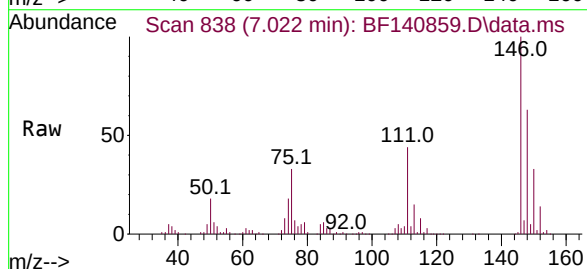
Tgt Ion:146 Resp: 223134

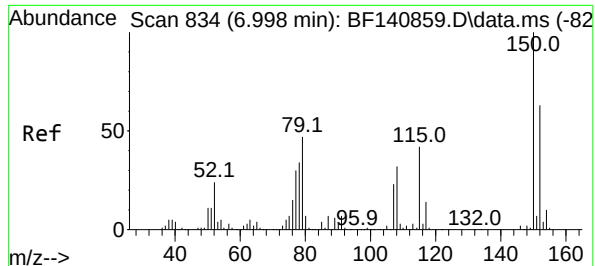
Ion Ratio Lower Upper

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

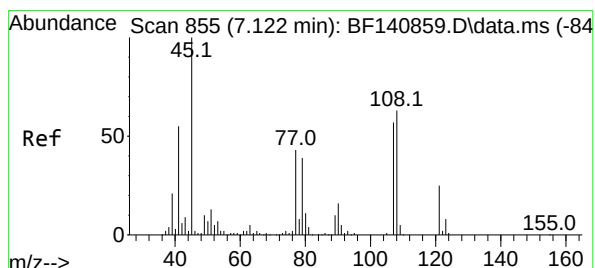
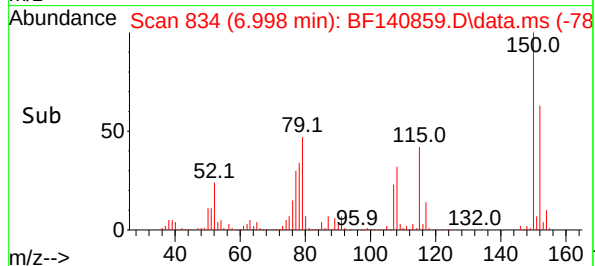
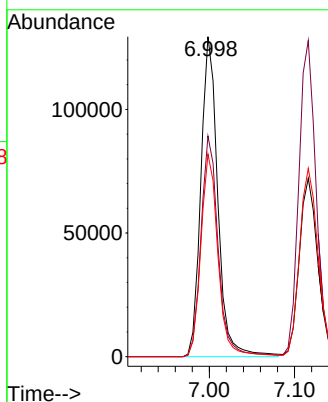
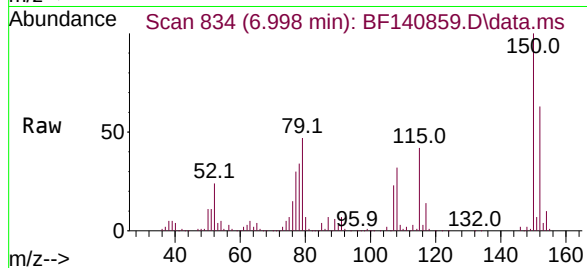
Tgt Ion: 79 Resp: 178597

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

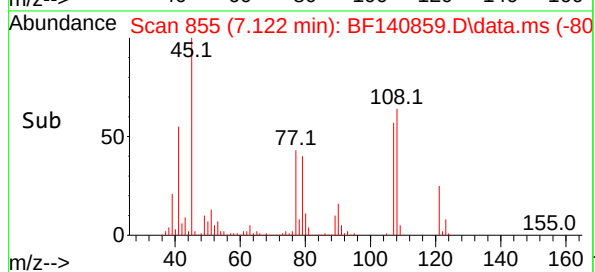
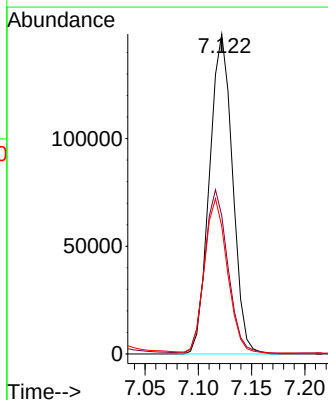
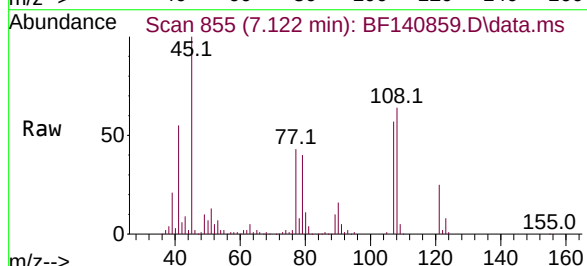
Tgt Ion: 45 Resp: 223455

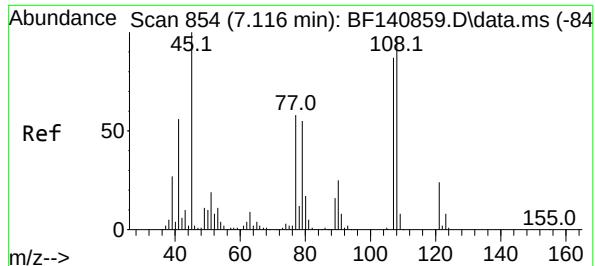
Ion Ratio Lower Upper

45 100

77 43.3 23.3 63.3

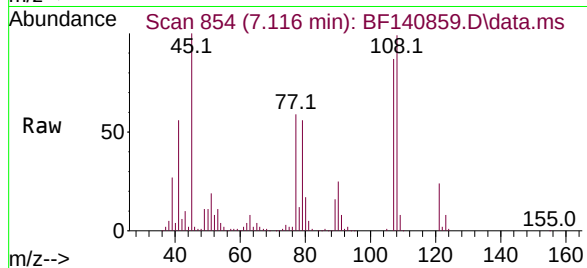
79 40.0 20.0 60.0



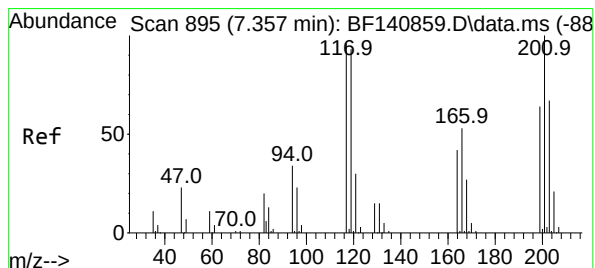
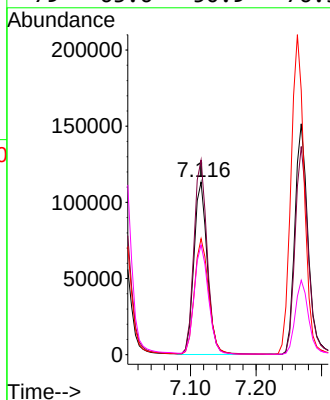
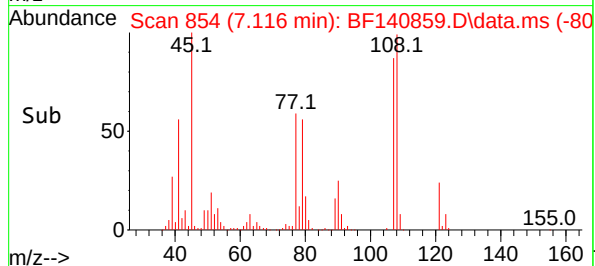


#17
2-Methylphenol
Concen: 39.284 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

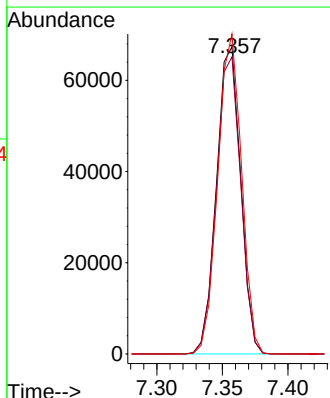
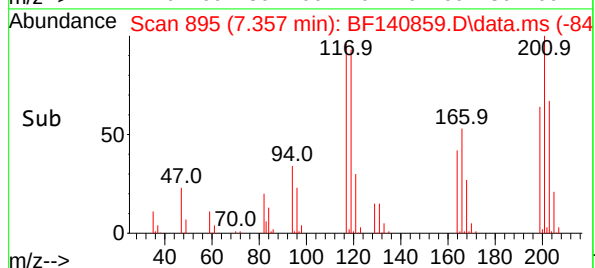
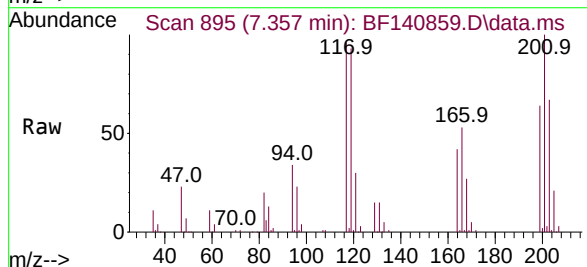


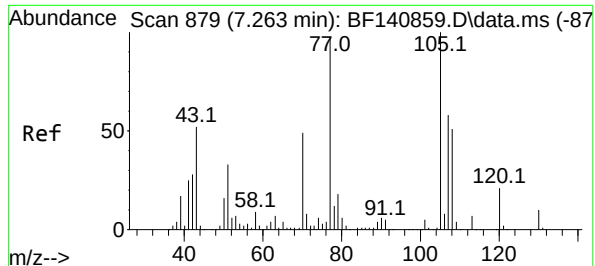
Tgt Ion:107 Resp: 161380
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.4
77 67.2 53.8 80.6
79 63.6 50.9 76.3



#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

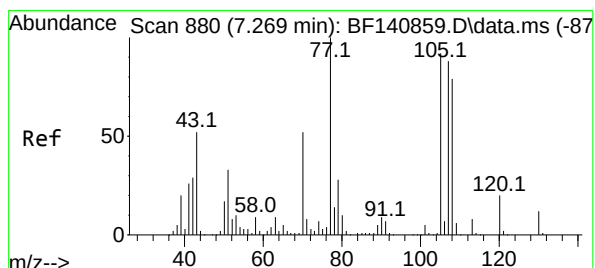
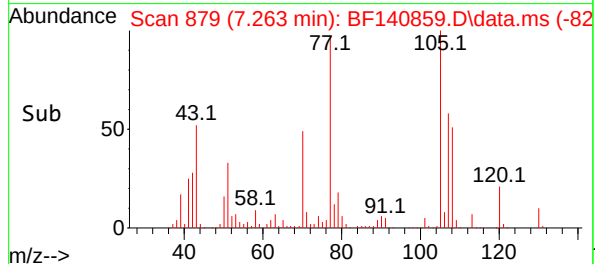
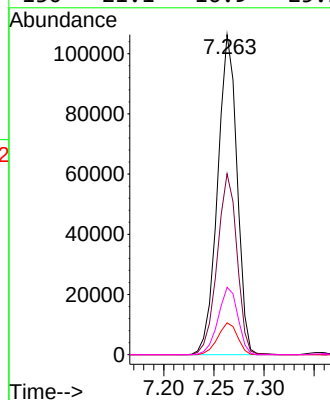
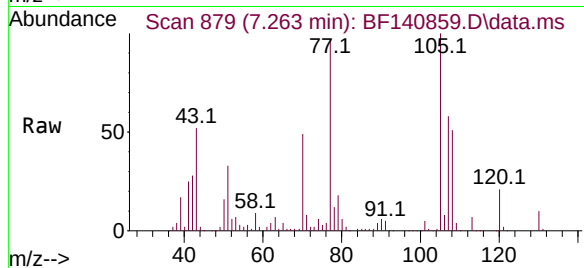
Ion Ratio Lower Upper

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

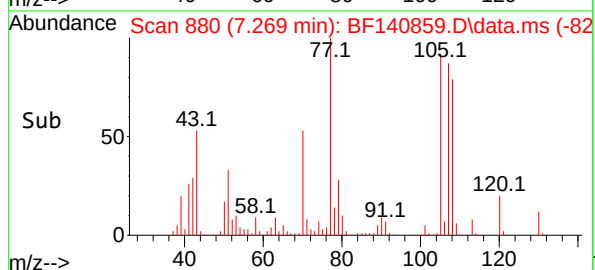
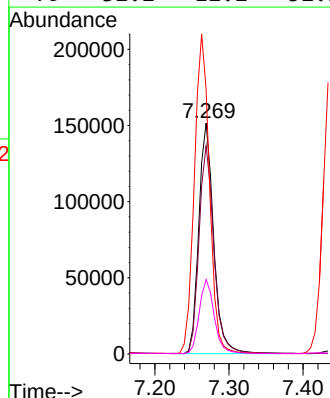
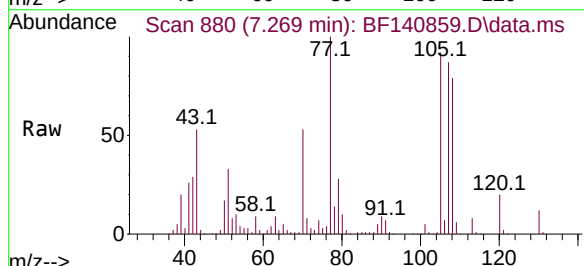
Ion Ratio Lower Upper

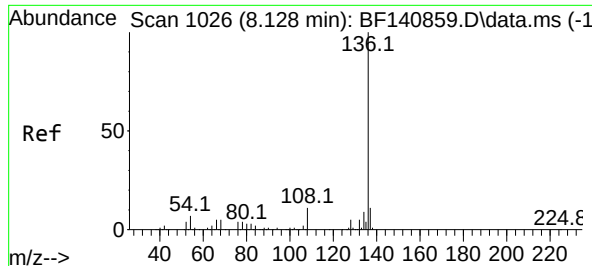
107 100

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

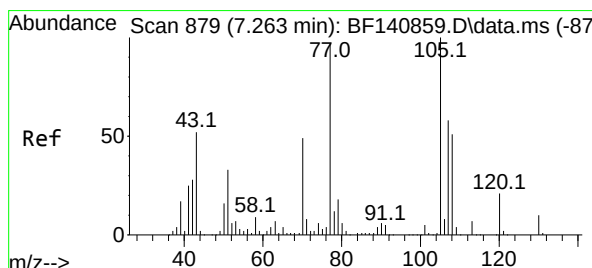
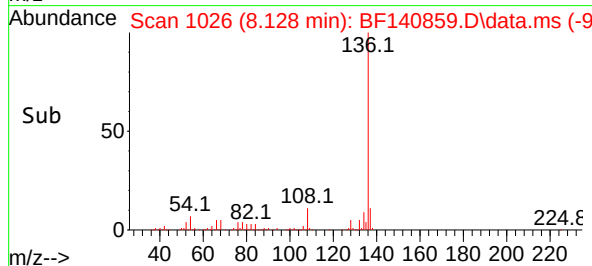
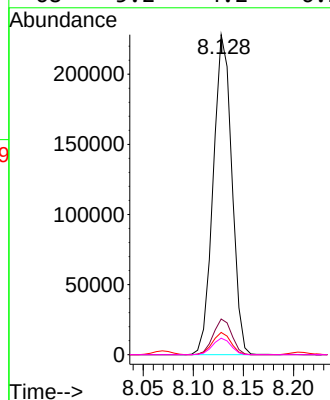
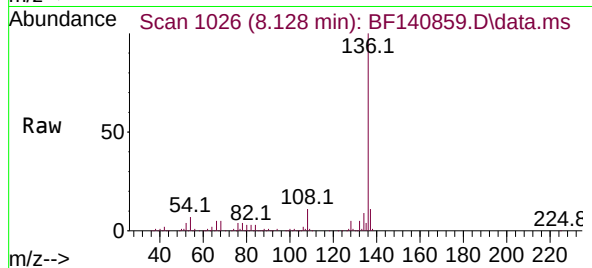
Ion Ratio Lower Upper

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

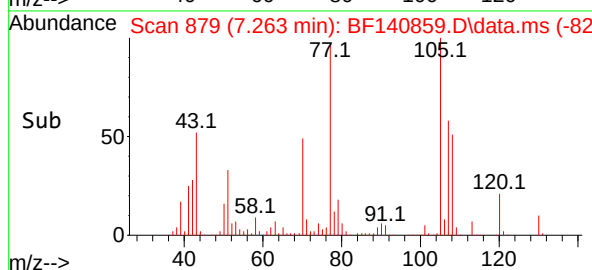
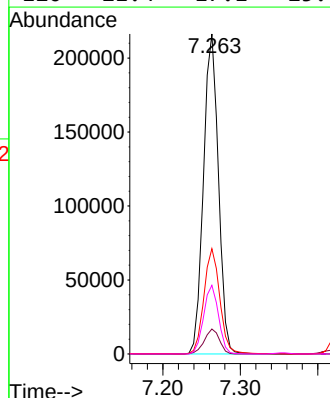
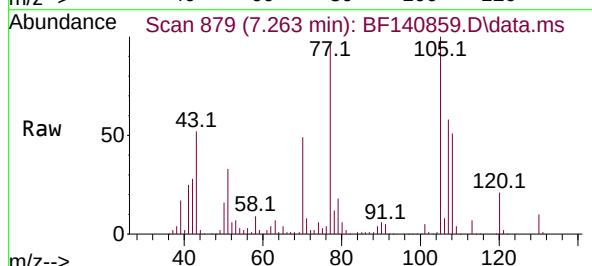
Ion Ratio Lower Upper

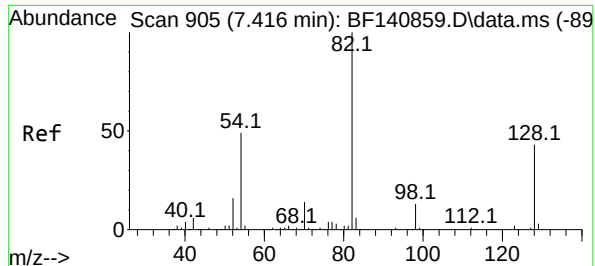
105 100

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

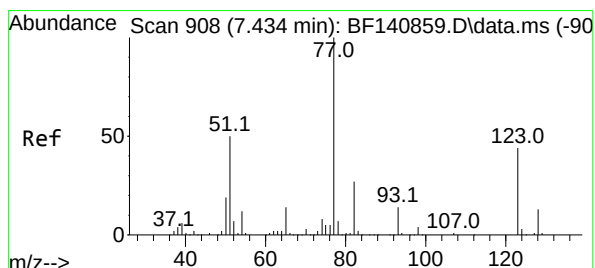
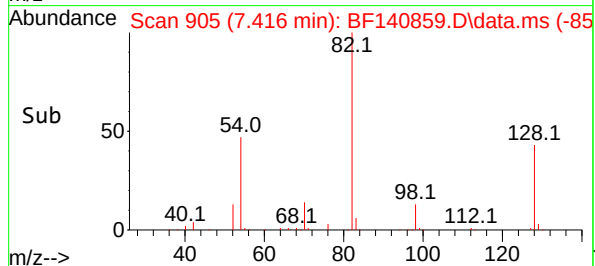
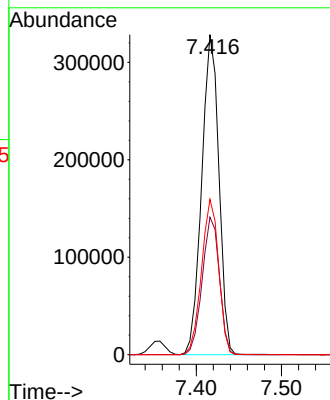
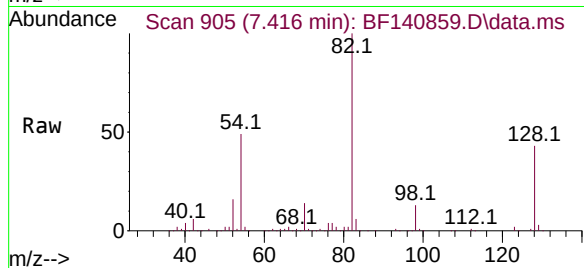
Tgt Ion: 82 Resp: 461011

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

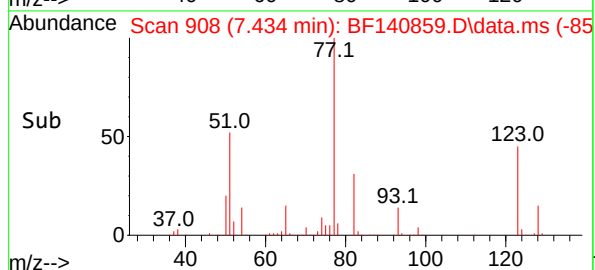
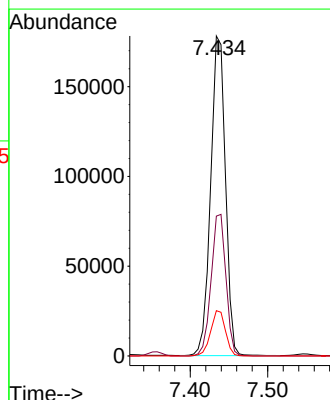
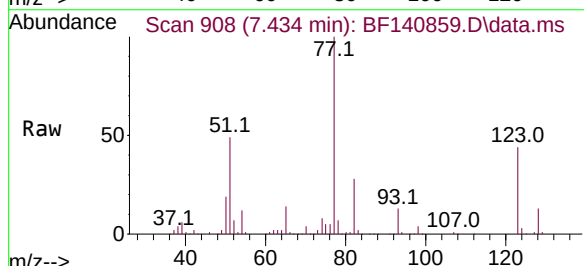
Tgt Ion: 77 Resp: 235847

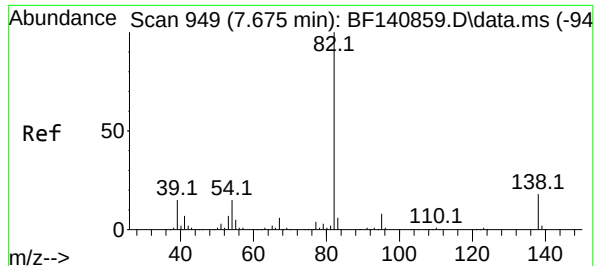
Ion Ratio Lower Upper

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

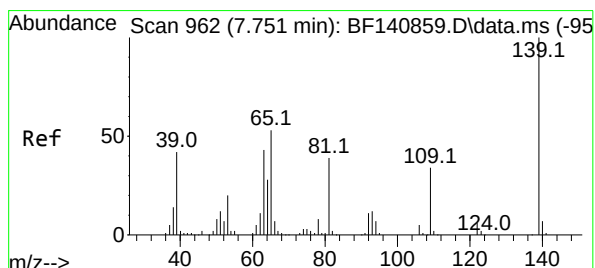
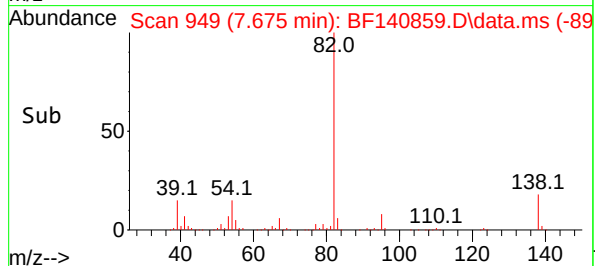
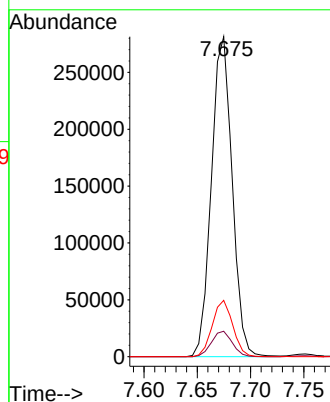
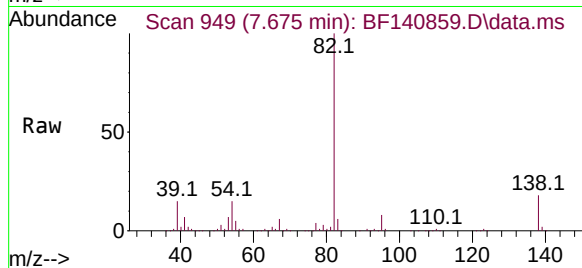
Tgt Ion: 82 Resp: 381938

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

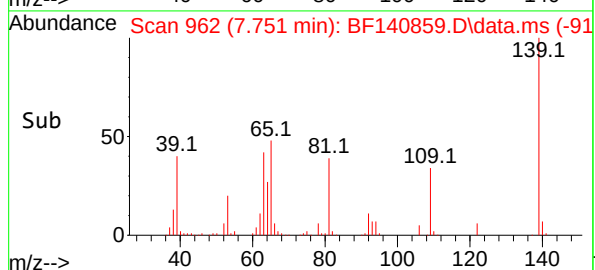
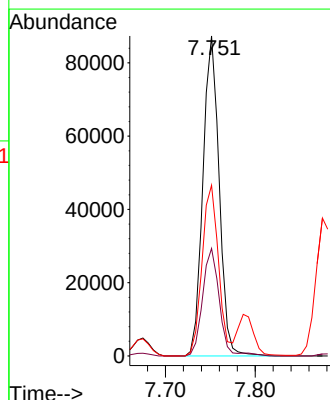
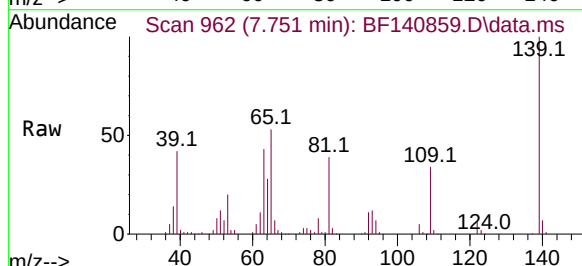
Tgt Ion: 139 Resp: 109806

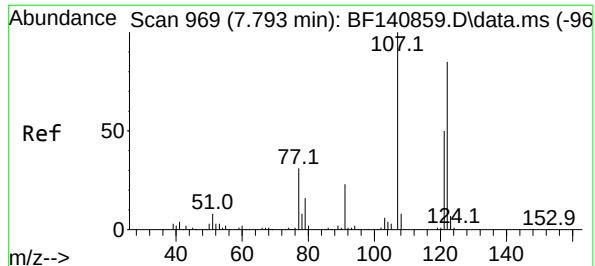
Ion Ratio Lower Upper

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

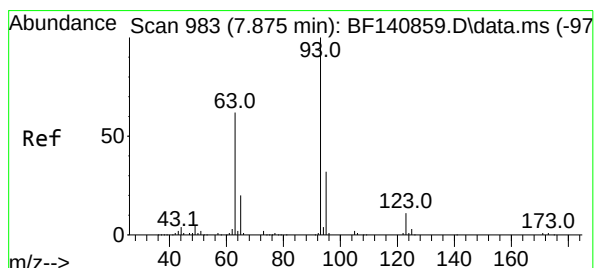
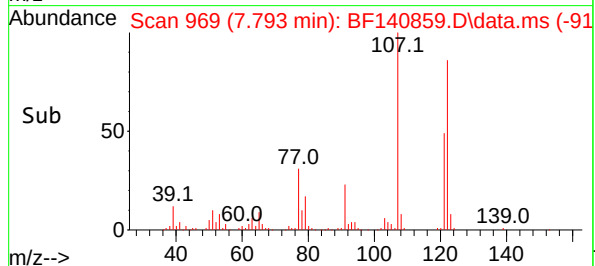
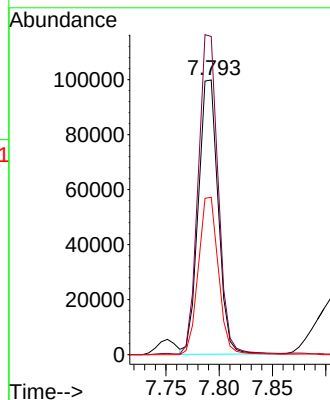
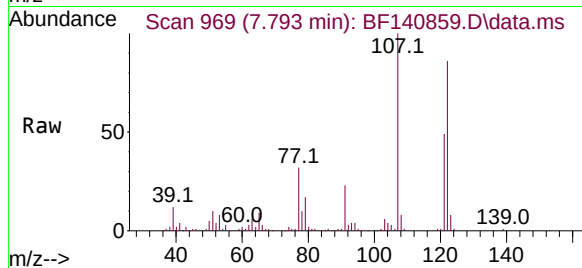
Tgt Ion:122 Resp: 128970

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

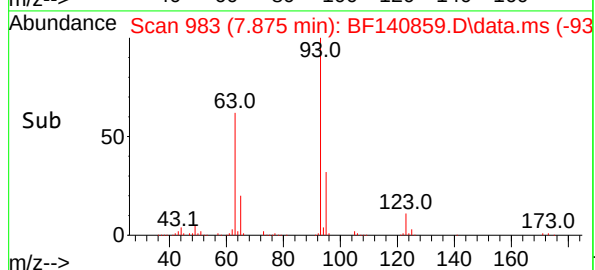
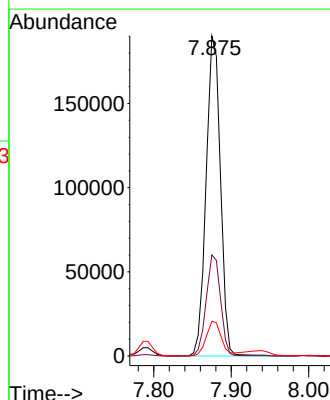
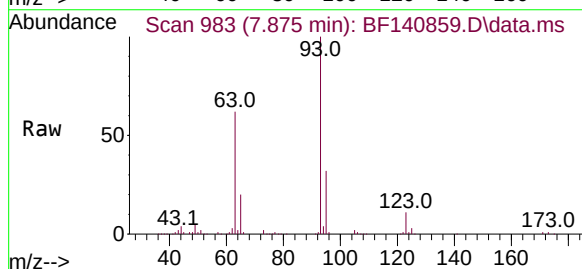
Tgt Ion: 93 Resp: 244652

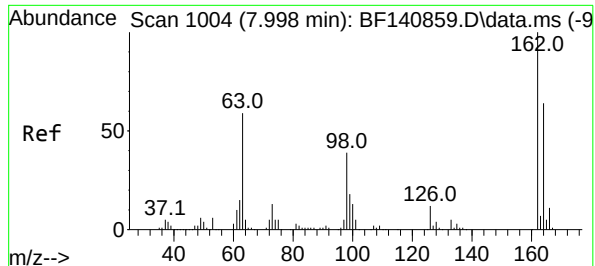
Ion Ratio Lower Upper

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

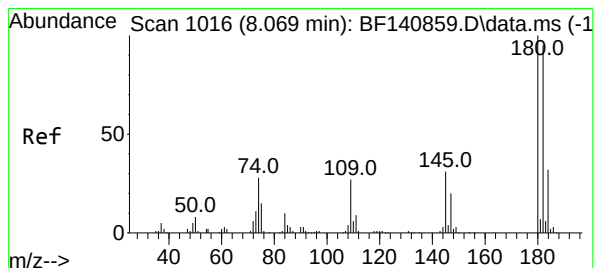
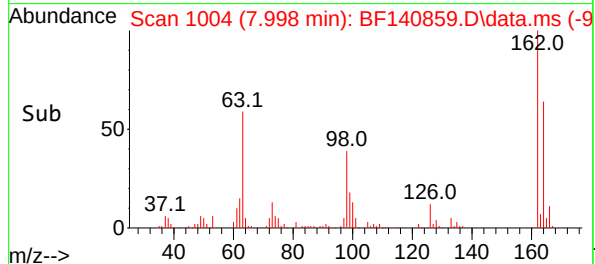
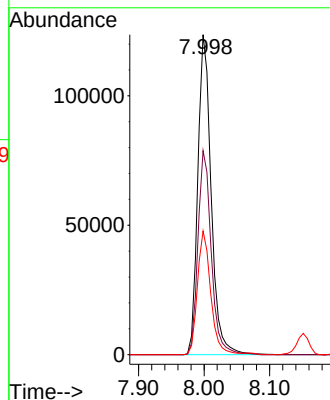
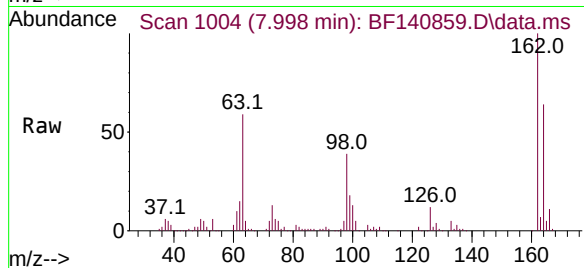
Tgt Ion:162 Resp: 175409

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

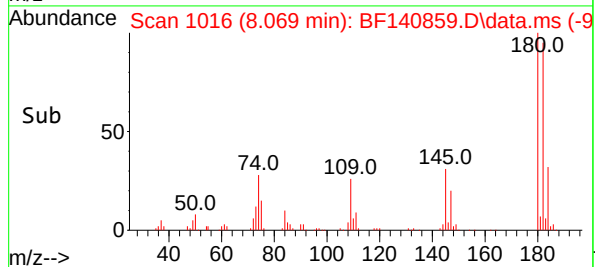
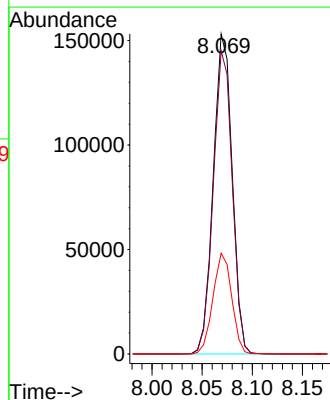
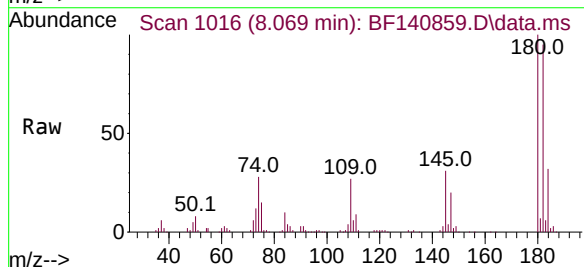
Tgt Ion:180 Resp: 200471

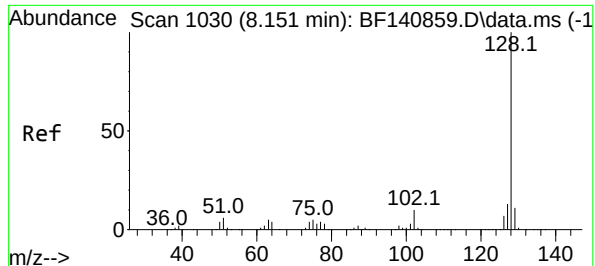
Ion Ratio Lower Upper

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

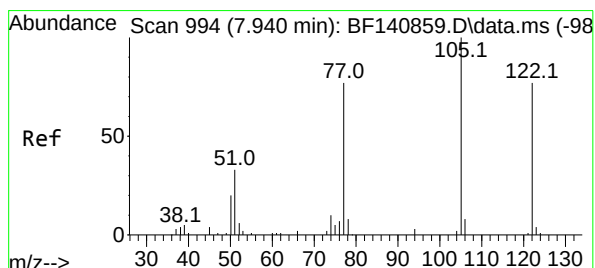
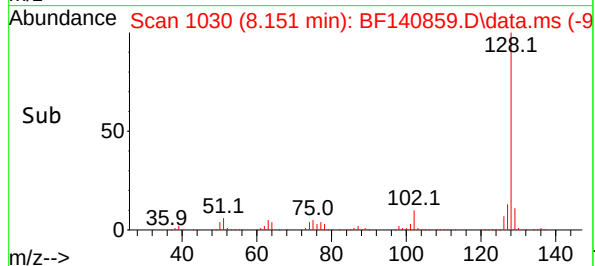
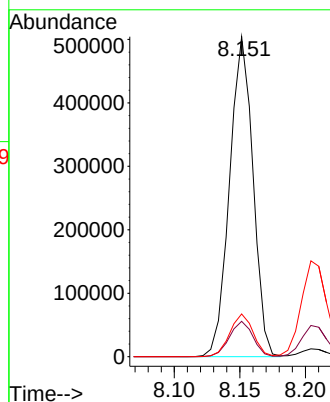
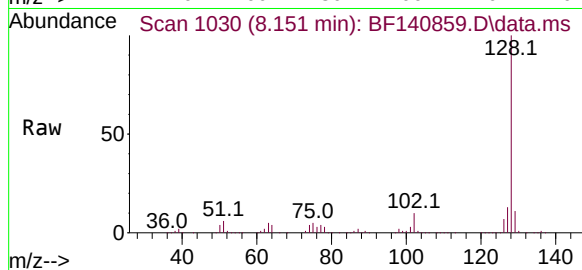
Tgt Ion:128 Resp: 626585

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

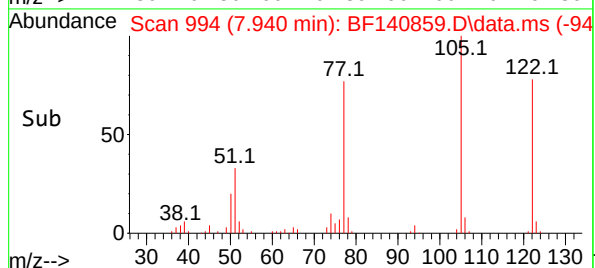
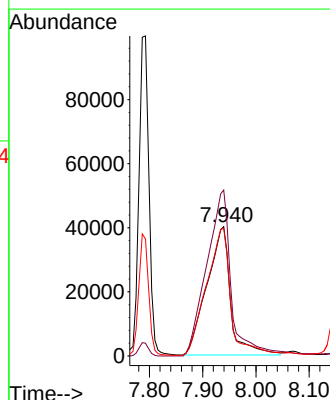
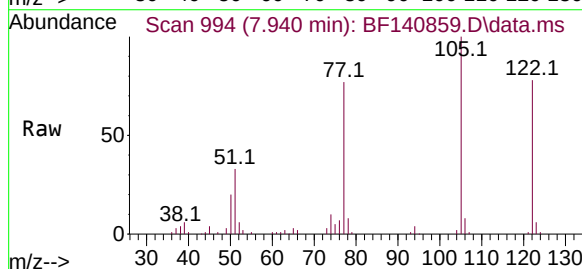
Tgt Ion:122 Resp: 124210

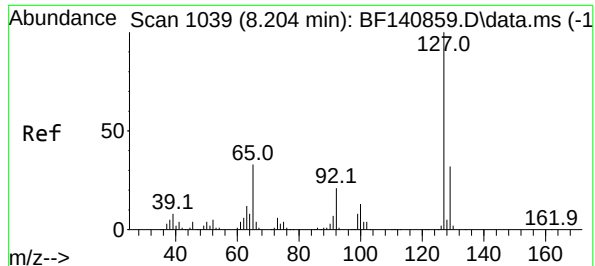
Ion Ratio Lower Upper

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

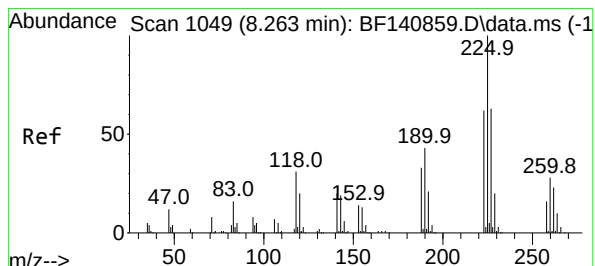
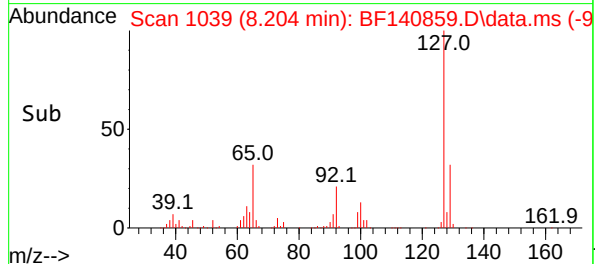
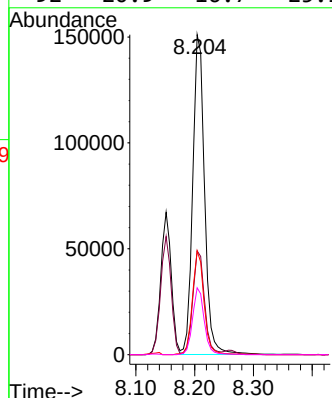
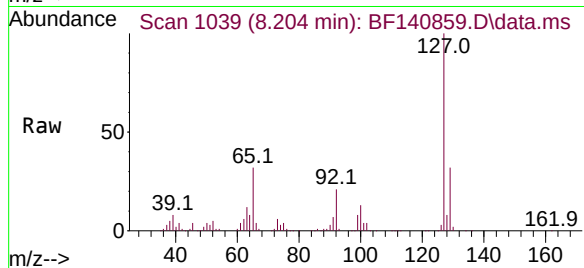
Ion Ratio Lower Upper

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

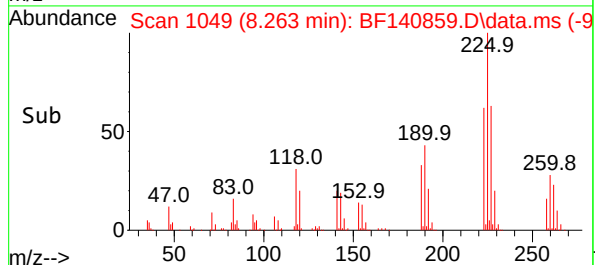
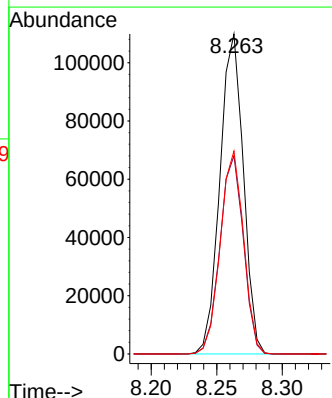
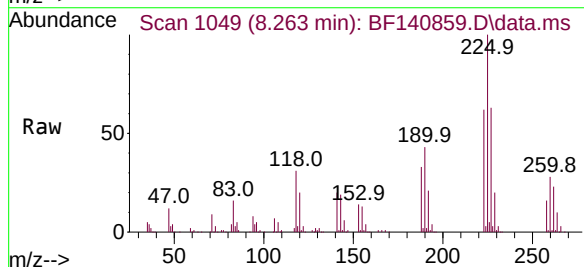
Tgt Ion:225 Resp: 136482

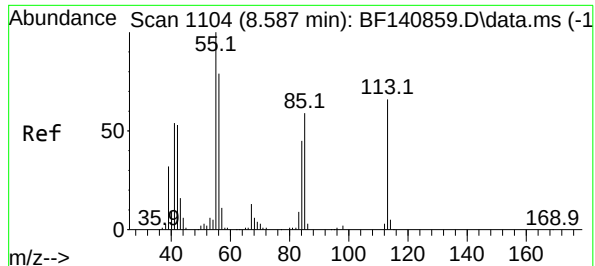
Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

227 63.4 50.7 76.1

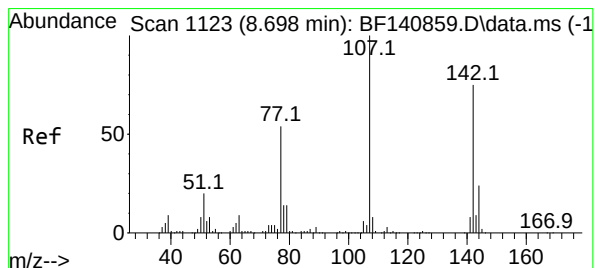
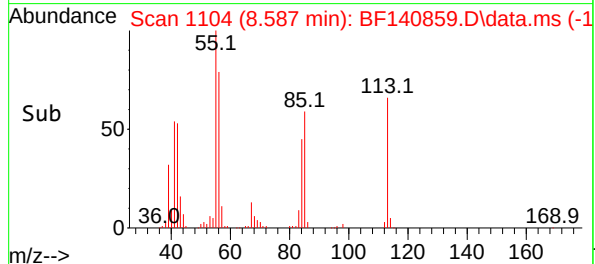
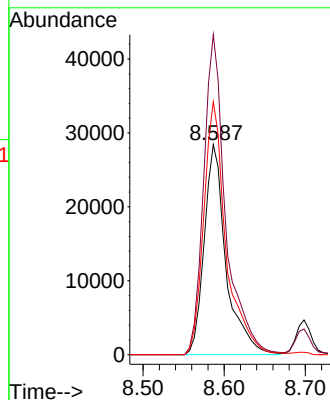
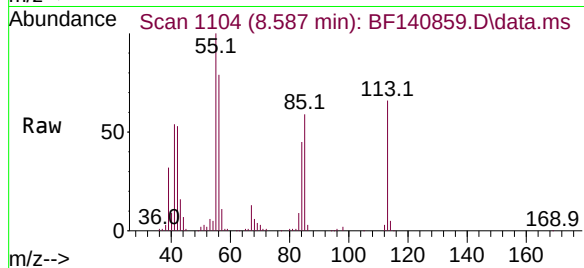




#35
Caprolactam
Concen: 39.930 ng
RT: 8.587 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

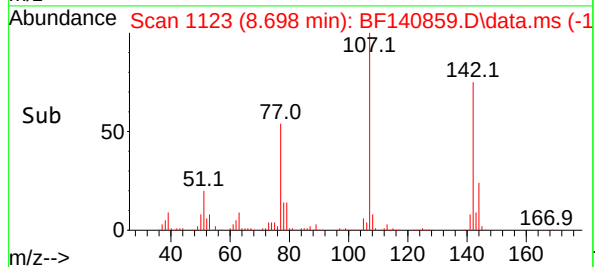
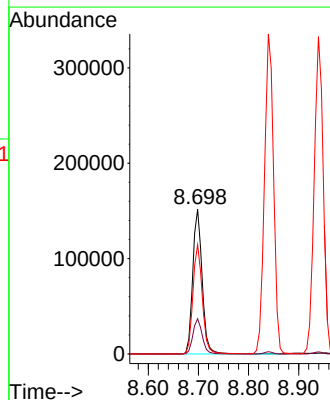
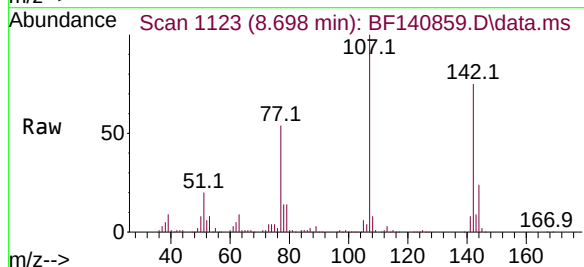
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

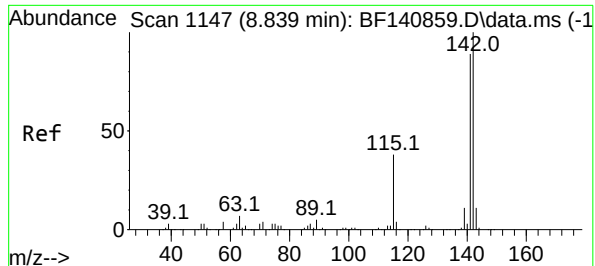
Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.3	132.3	172.3
56	120.3	100.3	140.3



#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 :

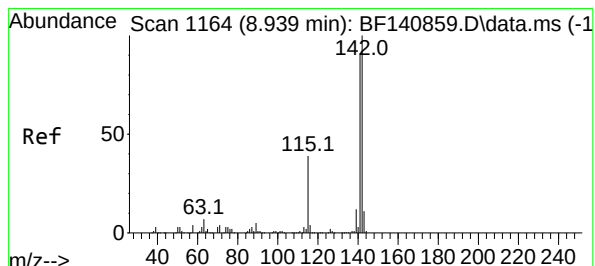
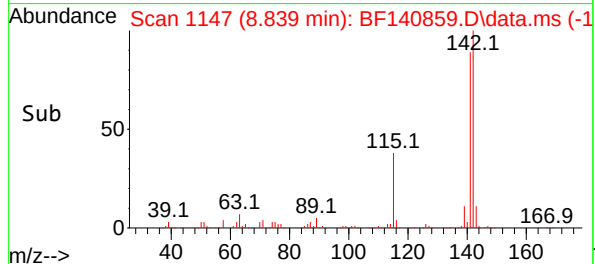
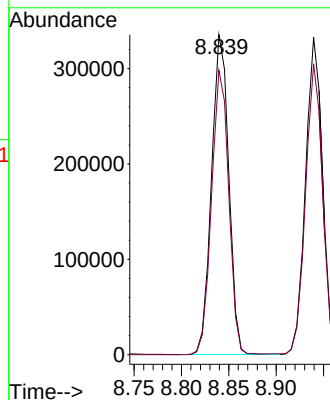
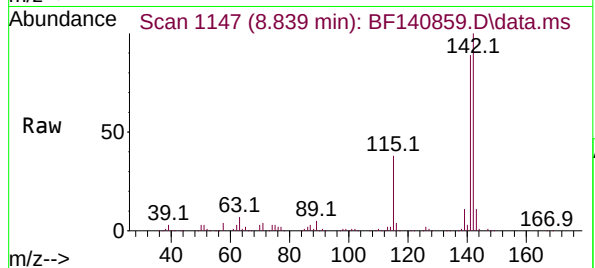
SSTDICCC040

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

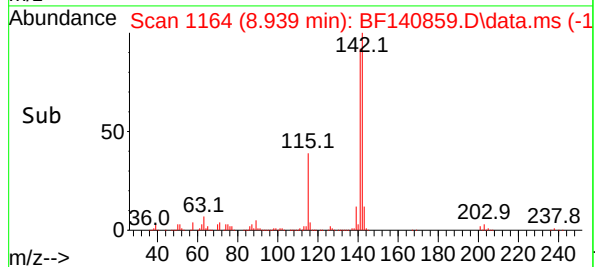
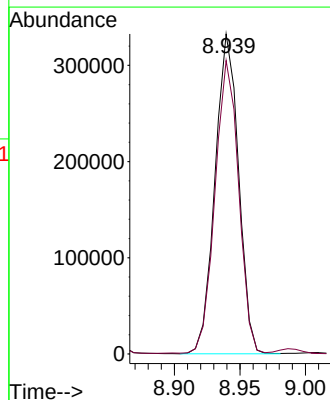
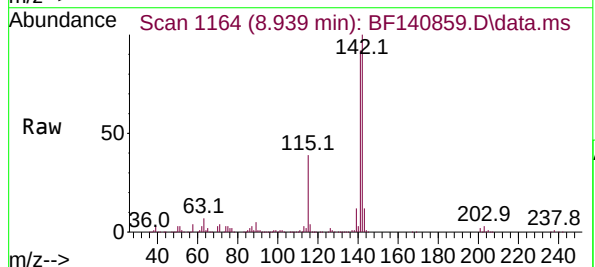
Acq: 16 Dec 2024 14:26

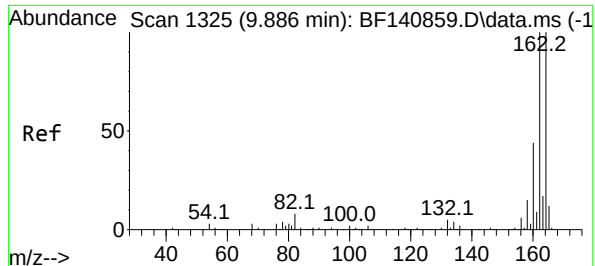
Tgt Ion:142 Resp: 414363

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

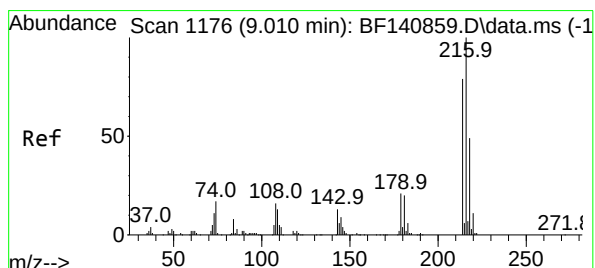
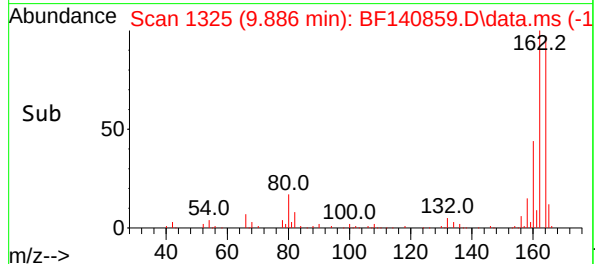
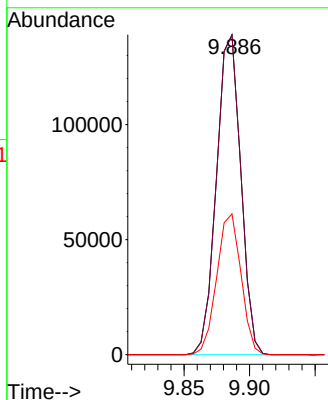
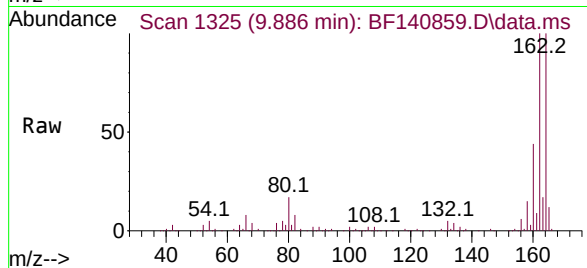
Tgt Ion:164 Resp: 179301

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

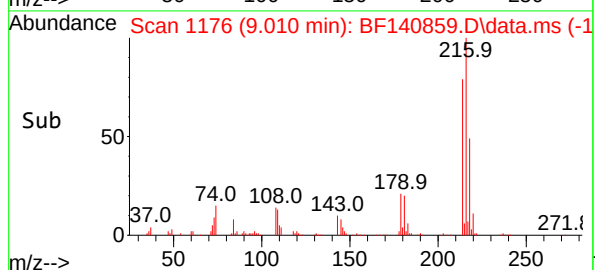
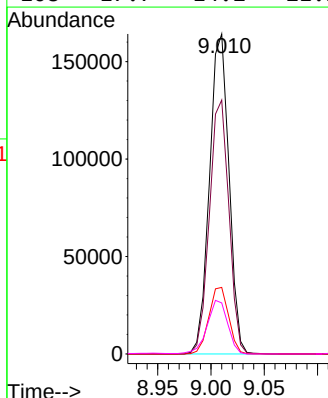
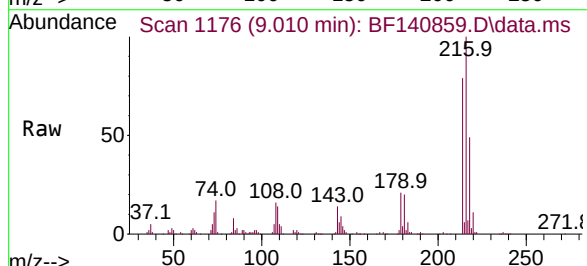
Ion Ratio Lower Upper

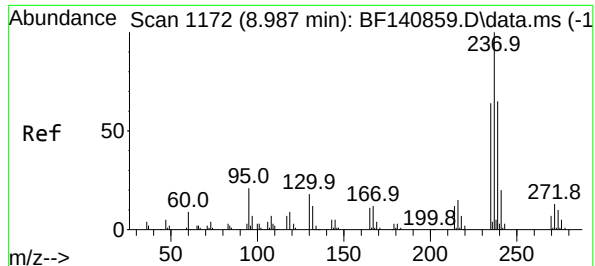
216 100

214 79.5 63.6 95.4

179 21.2 17.0 25.4

108 17.7 14.2 21.2

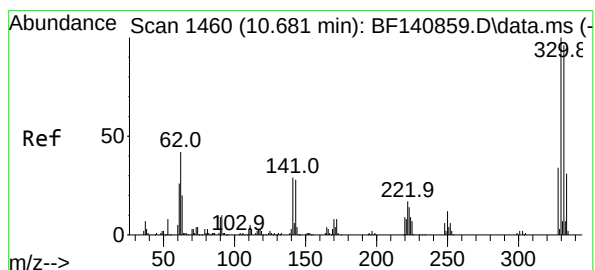
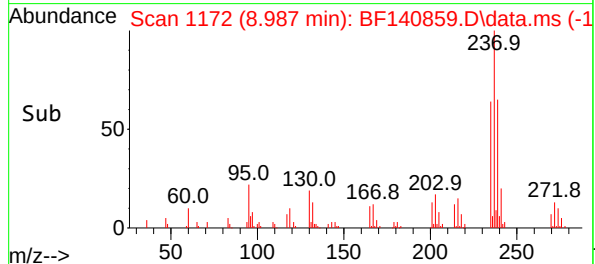
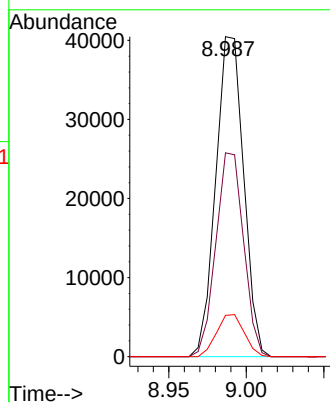
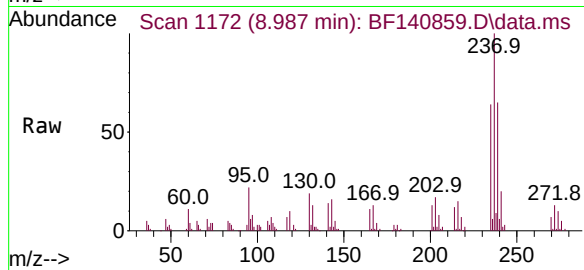




#41
Hexachlorocyclopentadiene
Concen: 39.476 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

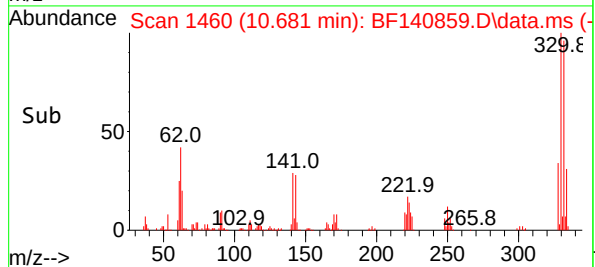
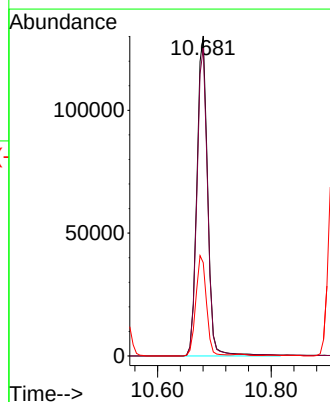
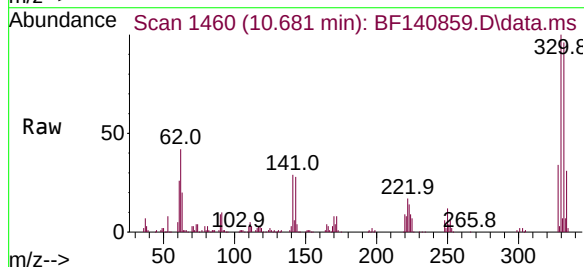
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

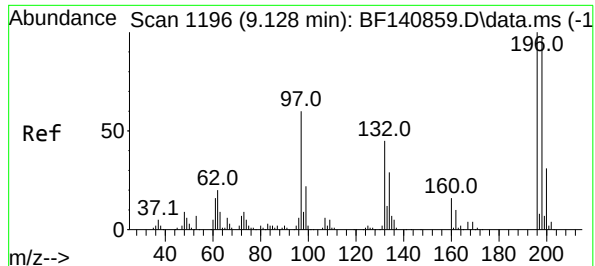
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.7	83.7
272	12.9	0.0	32.9



#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

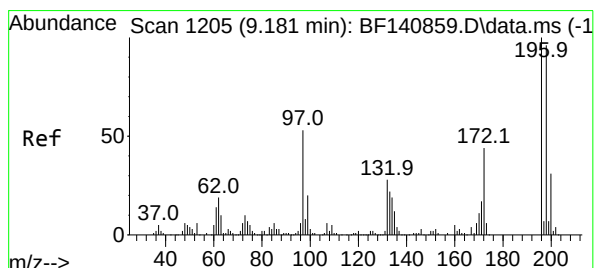
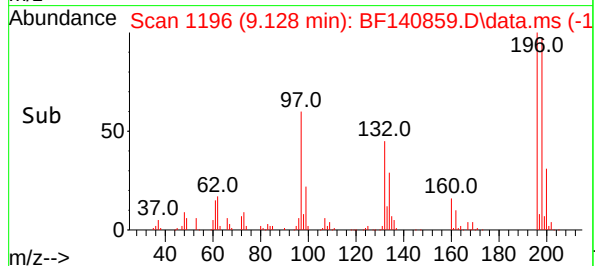
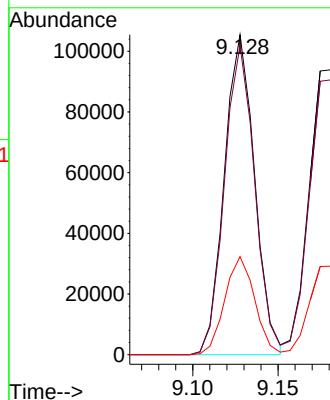
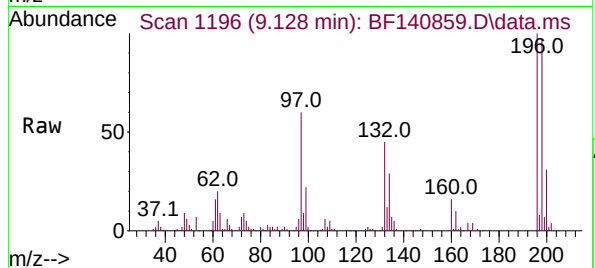
Tgt Ion:196 Resp: 130363

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

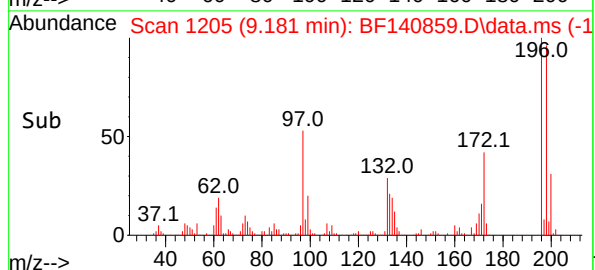
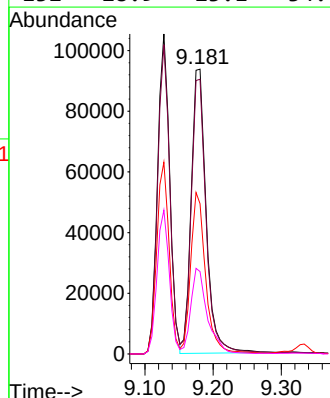
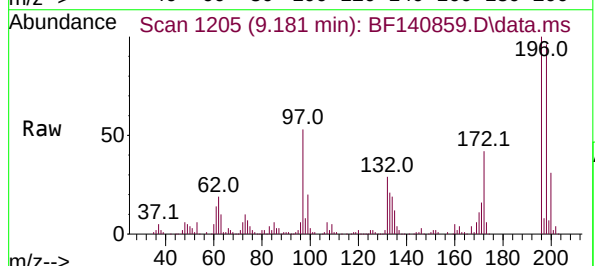
Ion Ratio Lower Upper

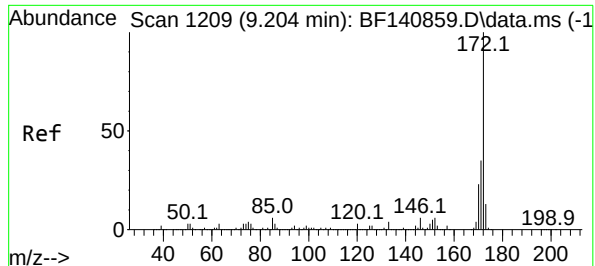
196 100

198 96.5 77.2 115.8

97 52.8 42.2 63.4

132 28.9 23.1 34.7

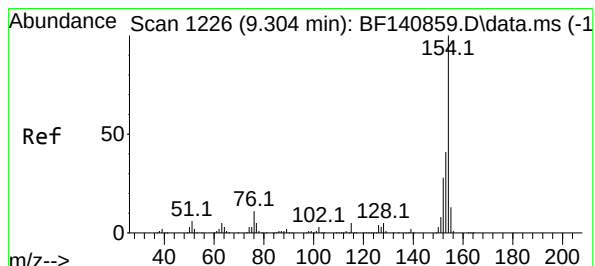
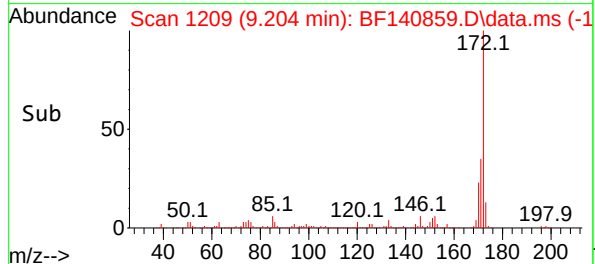
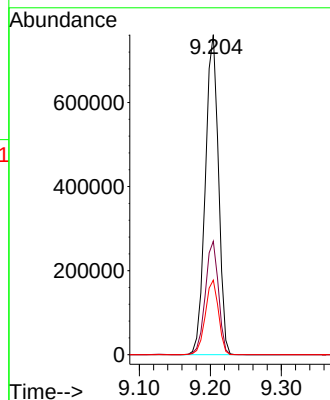
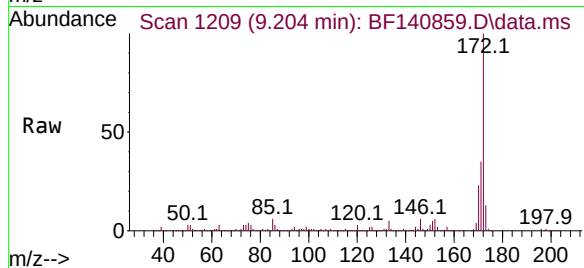




#45
2-Fluorobiphenyl
Concen: 75.290 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

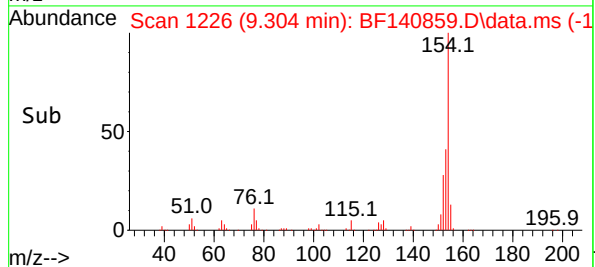
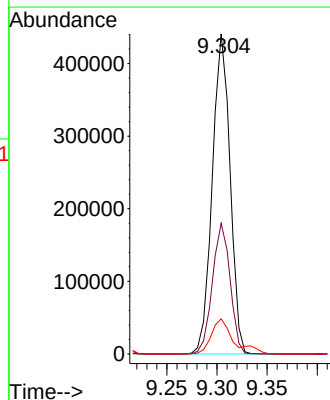
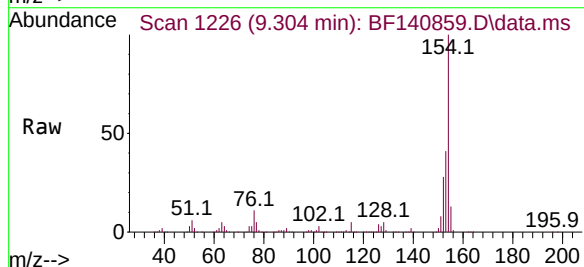
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

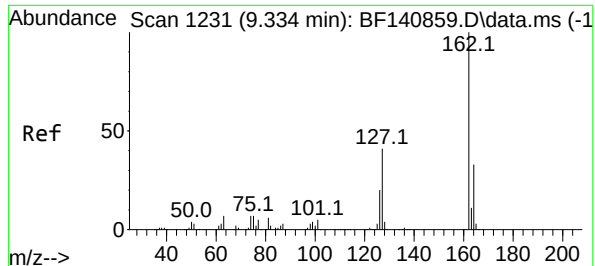
Tgt Ion:172 Resp: 981889
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 18.6 28.0



#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

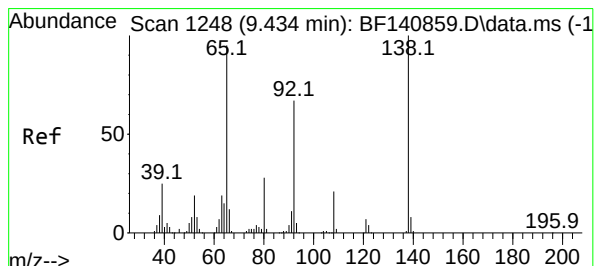
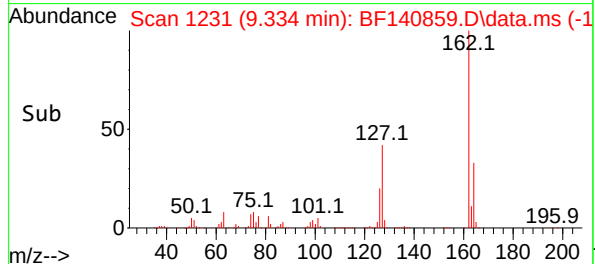
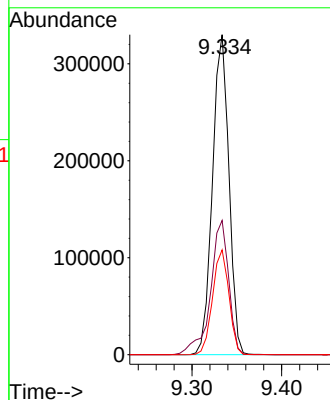
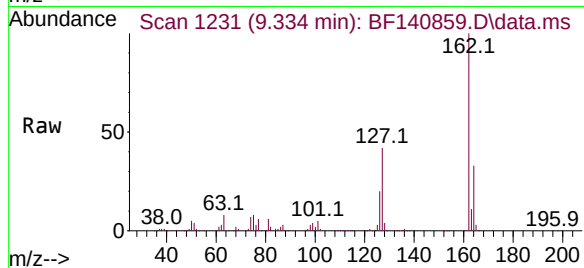
Tgt Ion:162 Resp: 419357

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

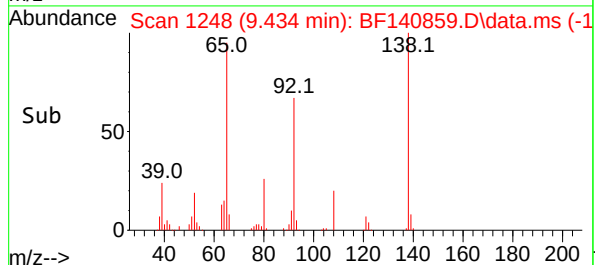
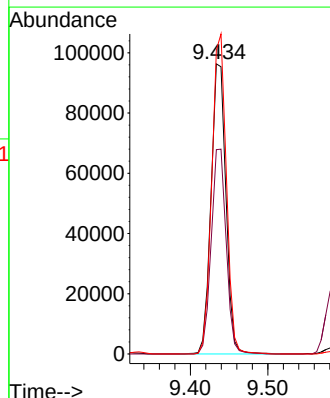
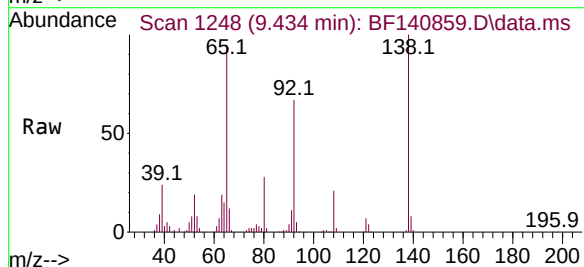
Tgt Ion: 65 Resp: 128421

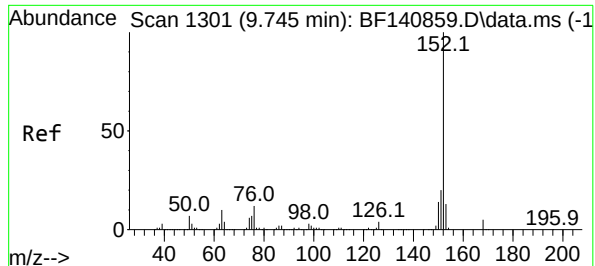
Ion Ratio Lower Upper

65 100

92 70.4 56.3 84.5

138 104.7 83.8 125.6

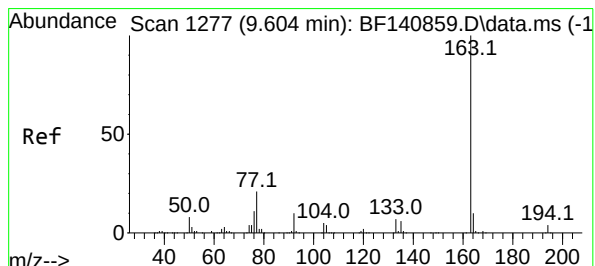
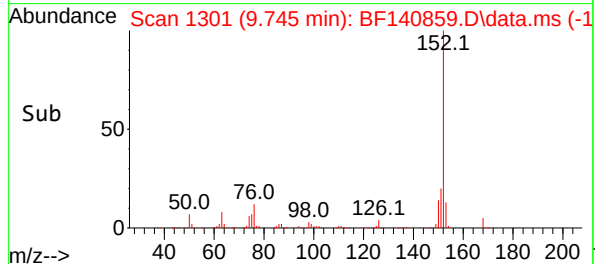
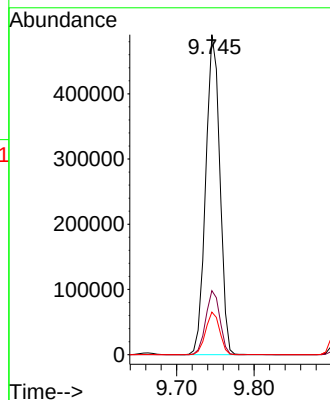
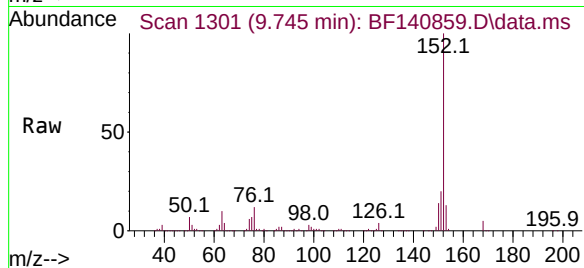




#49
Acenaphthylene
Concen: 38.790 ng
RT: 9.745 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

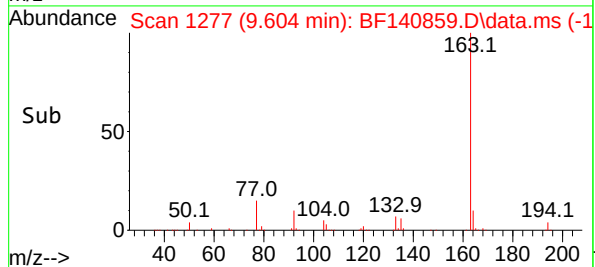
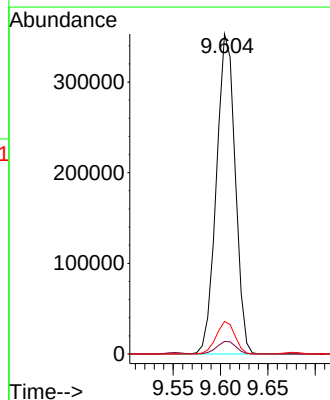
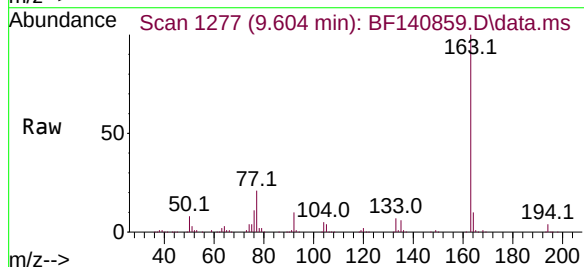
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

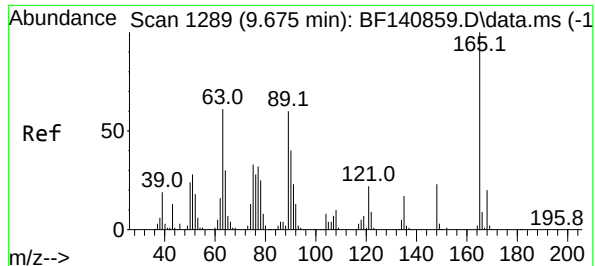
Tgt Ion:152 Resp: 621763
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.3 10.6 16.0



#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

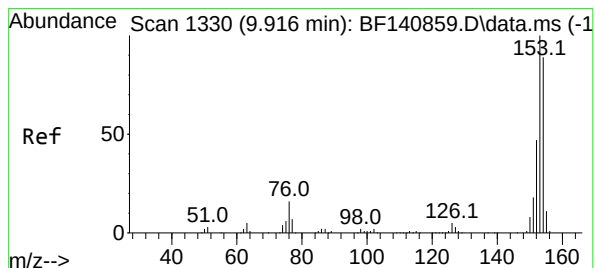
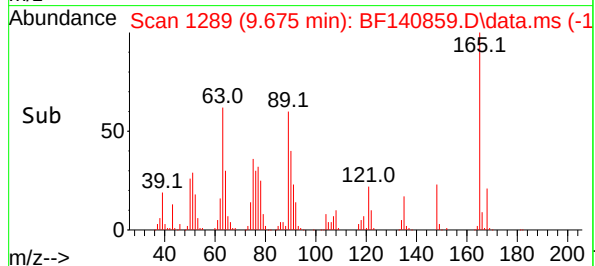
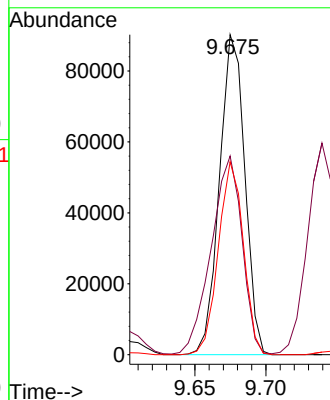
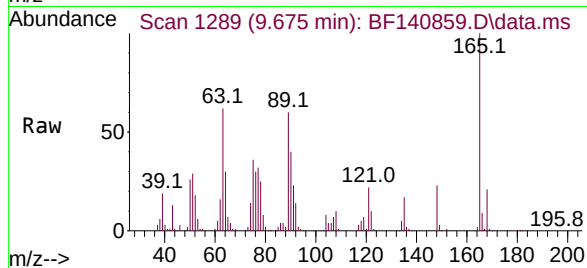
Tgt Ion:165 Resp: 111990

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

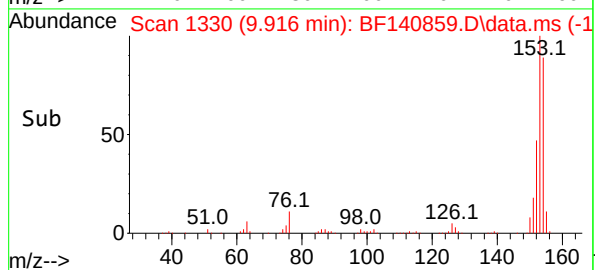
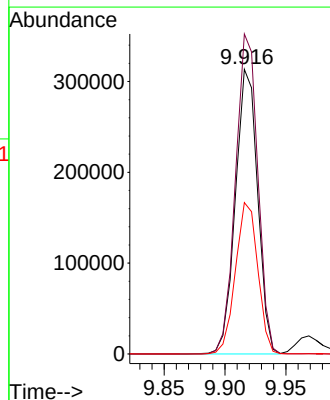
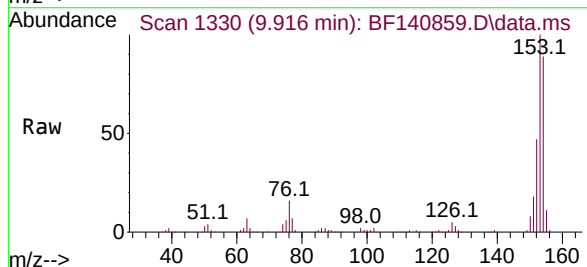
Tgt Ion:154 Resp: 398965

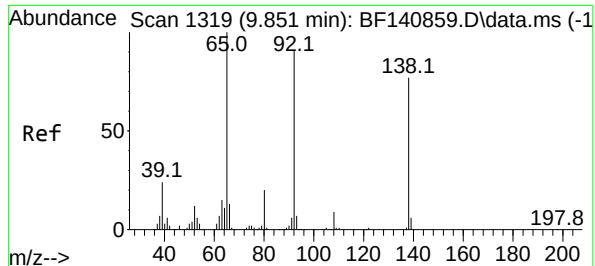
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 53.2 42.6 63.8

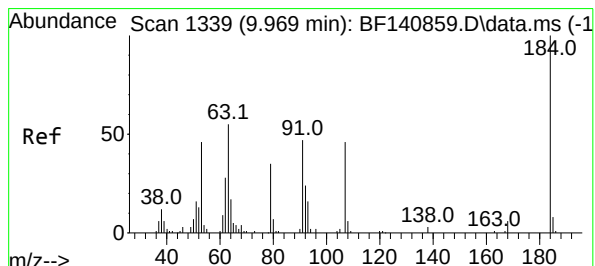
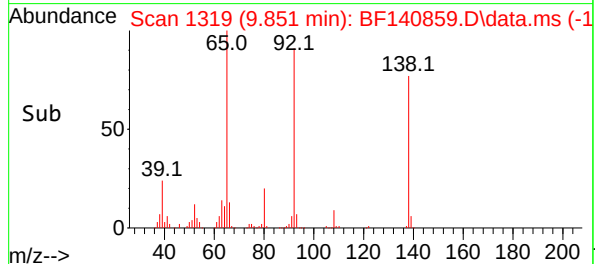
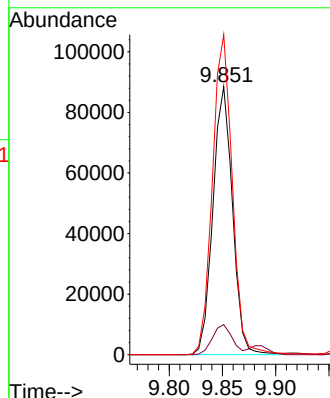
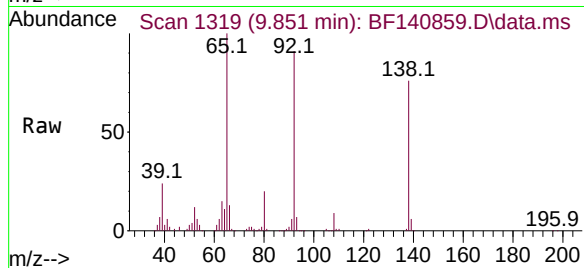




#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

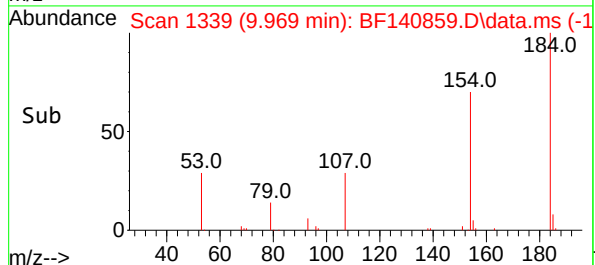
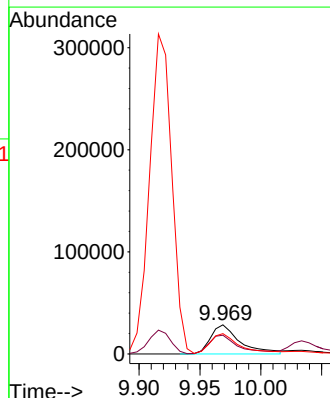
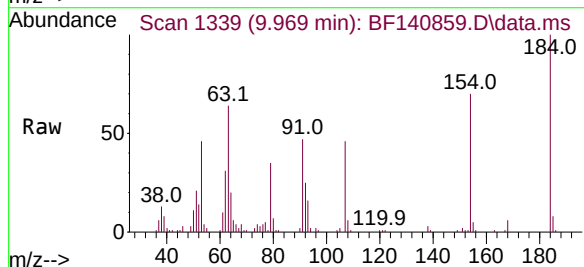
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

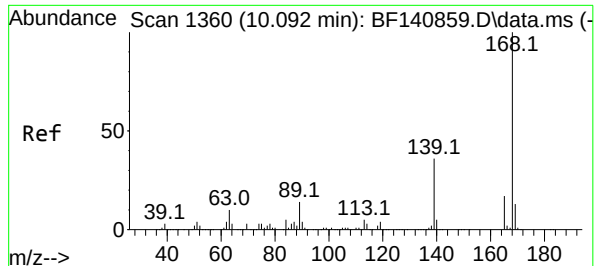
Tgt Ion:138 Resp: 113227
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 119.4 95.5 143.3



#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

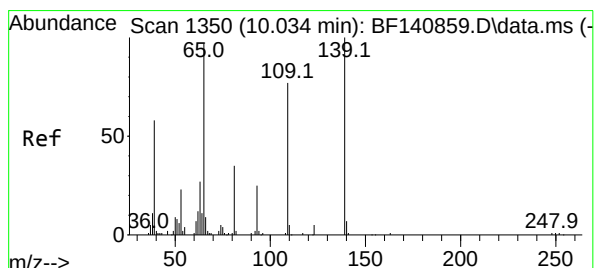
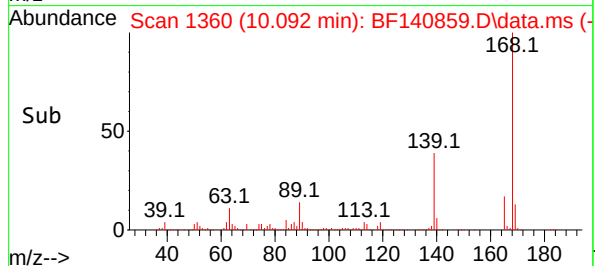
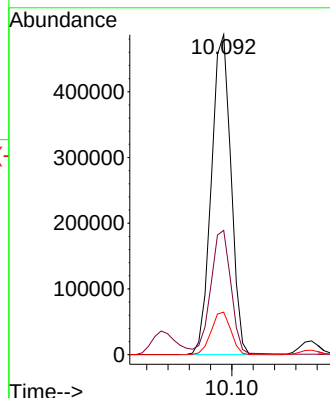
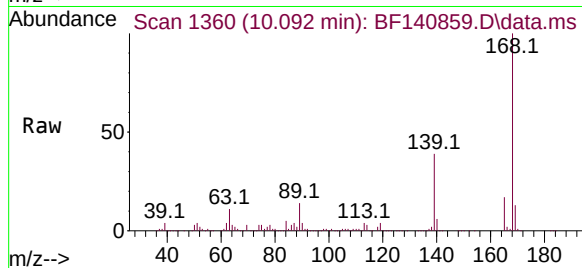
Tgt Ion:168 Resp: 619833

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

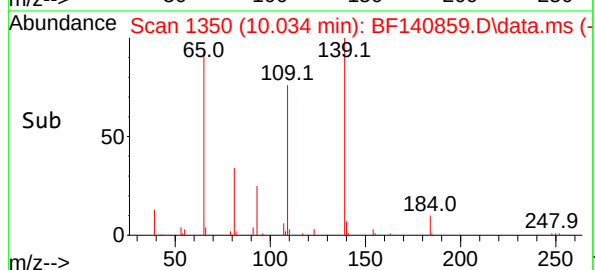
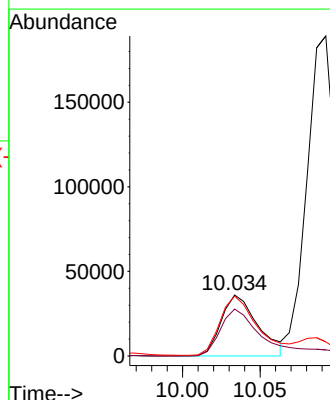
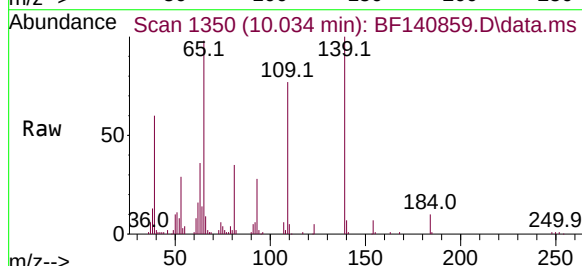
Tgt Ion:139 Resp: 59043

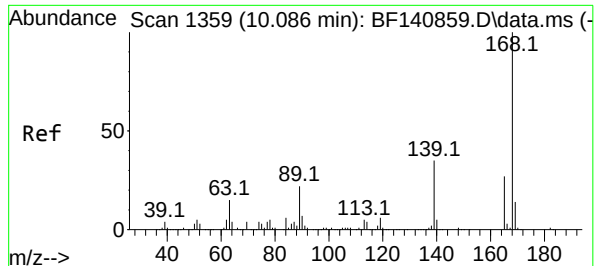
Ion Ratio Lower Upper

139 100

109 76.7 56.7 96.7

65 98.1 78.1 118.1

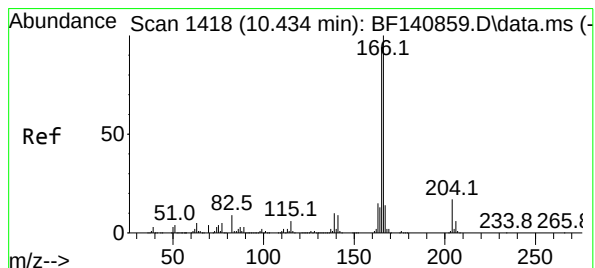
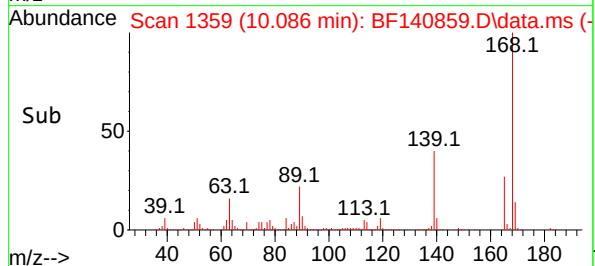
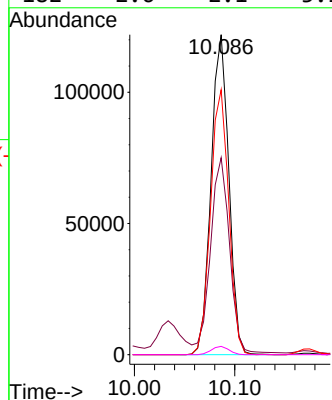
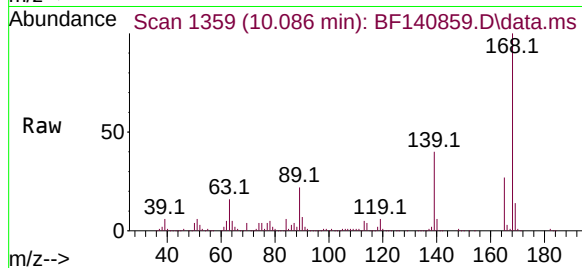




#57
2,4-Dinitrotoluene
Concen: 39.502 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

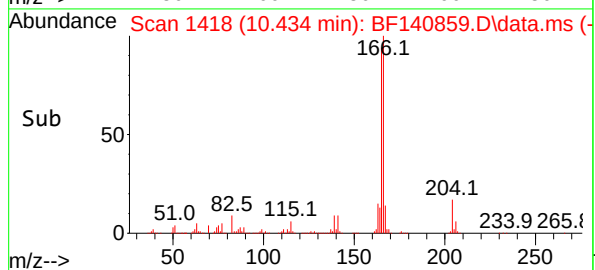
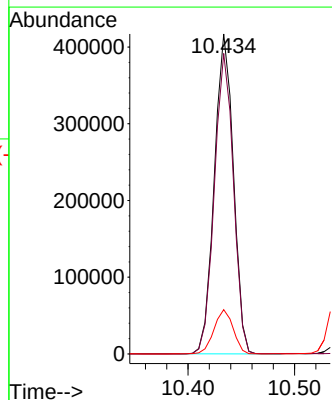
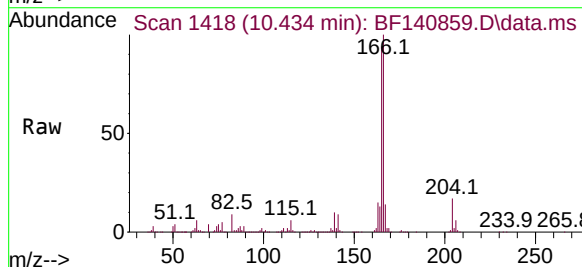
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

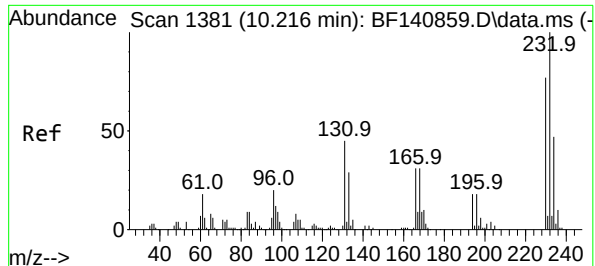
Tgt Ion:165 Resp: 150199
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 82.8 66.2 99.4
182 2.6 2.1 3.1



#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

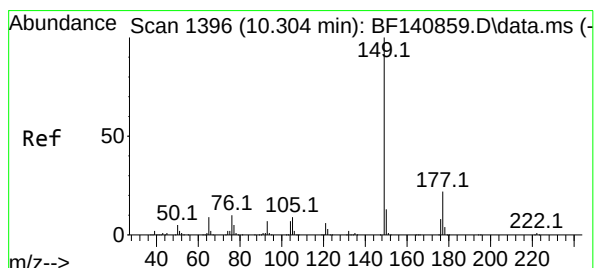
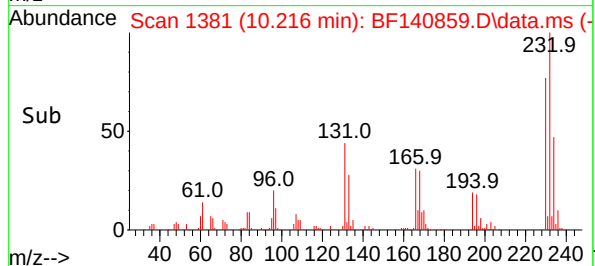
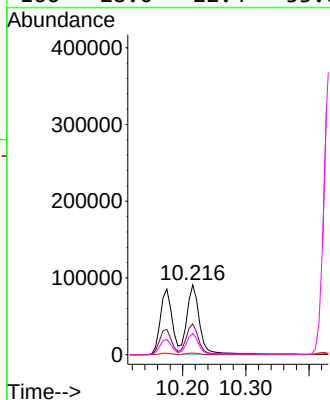
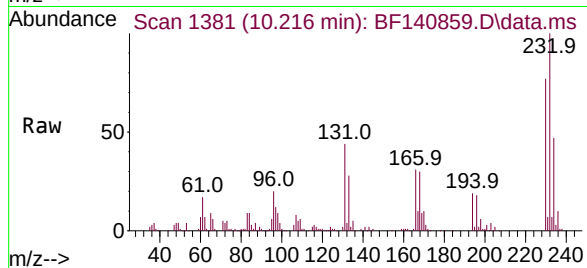




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.028 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

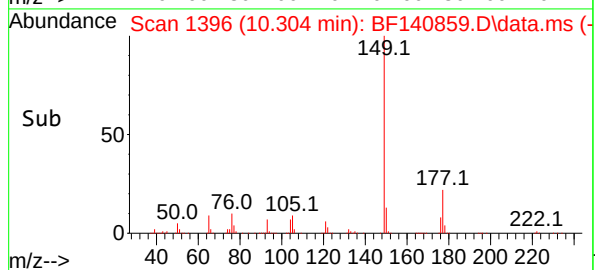
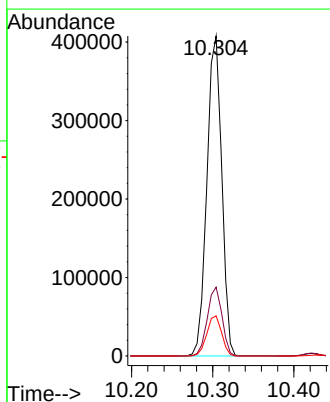
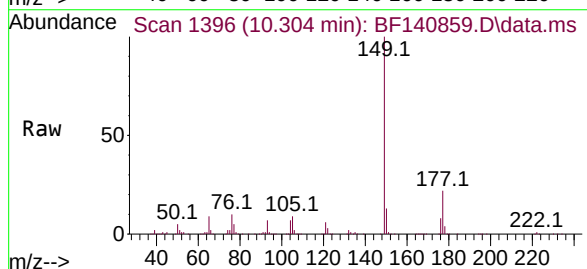
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

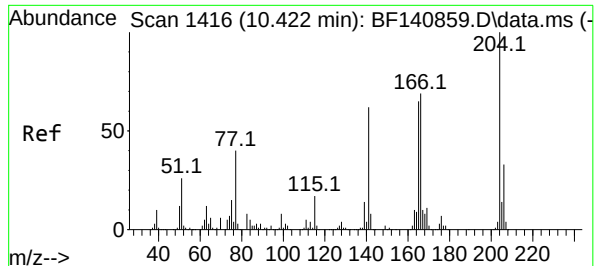
Tgt Ion:232 Resp: 127023
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.3 1.8 2.8
166 28.0 22.4 33.6



#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

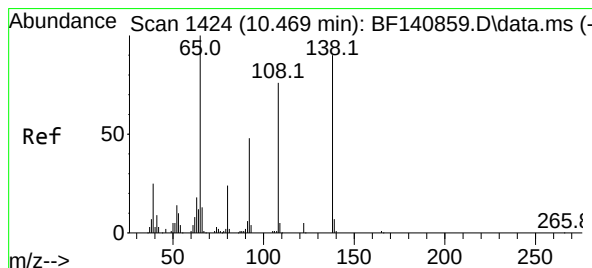
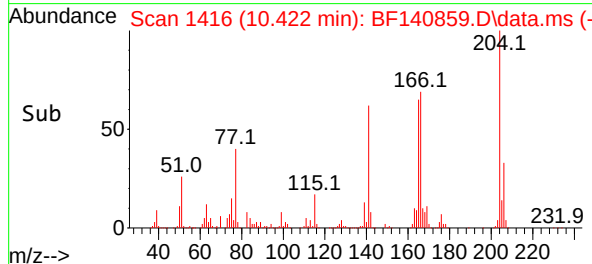
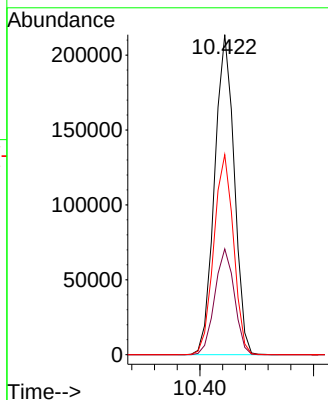
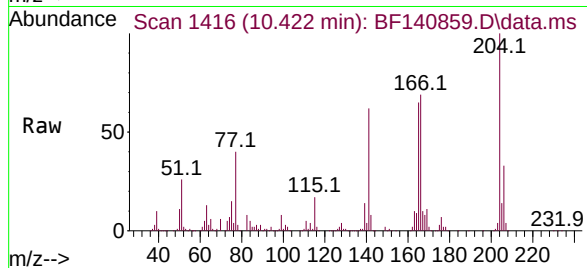




#61
4-Chlorophenyl-phenylether
Concen: 39.062 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

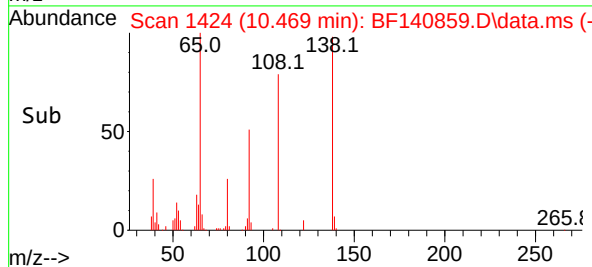
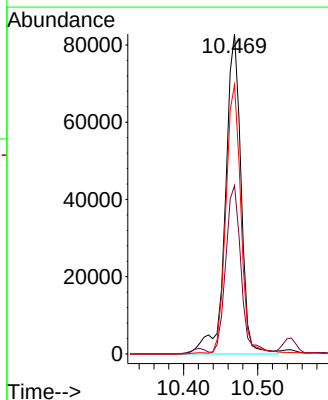
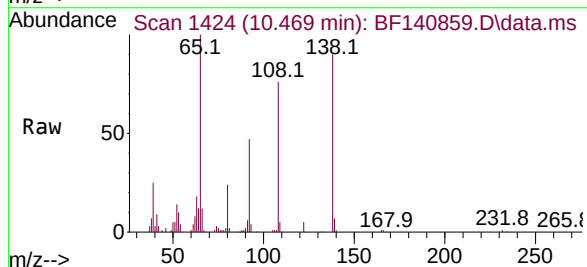
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

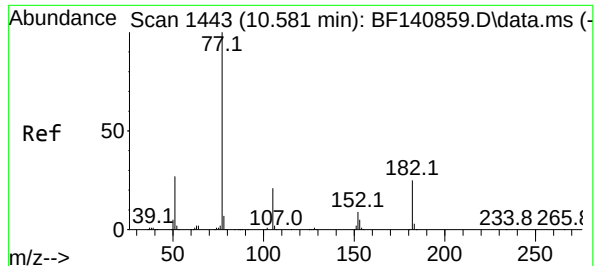
Tgt Ion:204 Resp: 256836
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.5 50.0 75.0



#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

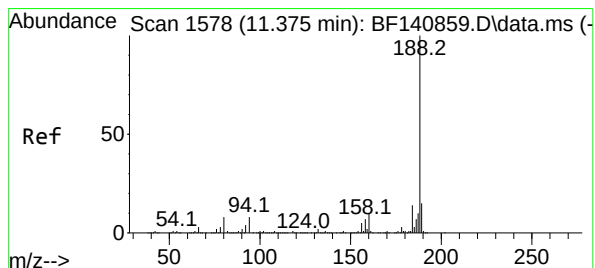
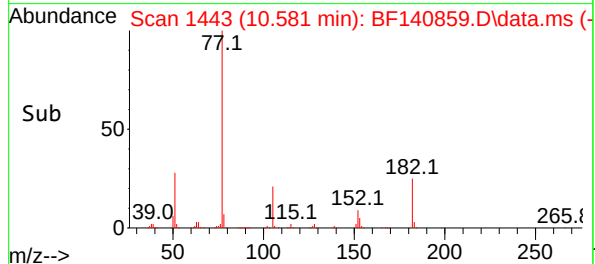
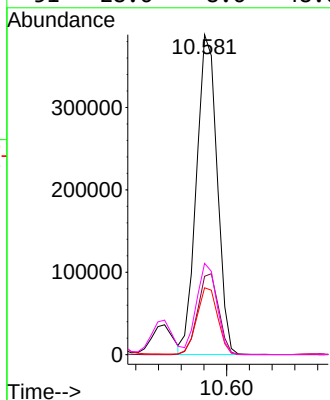
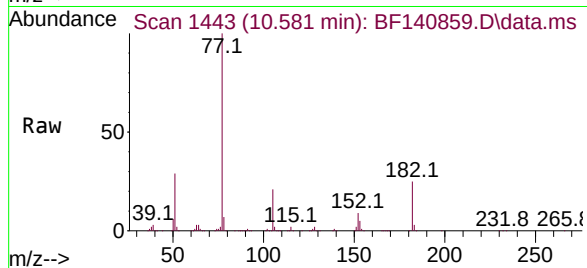




#63
Azobenzene
Concen: 39.821 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

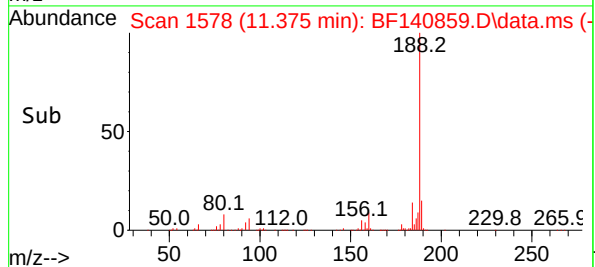
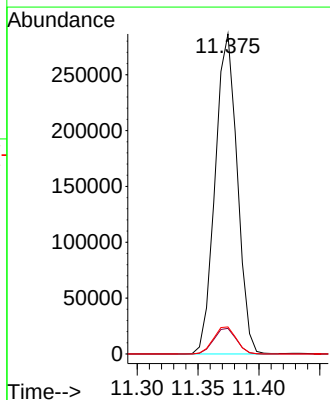
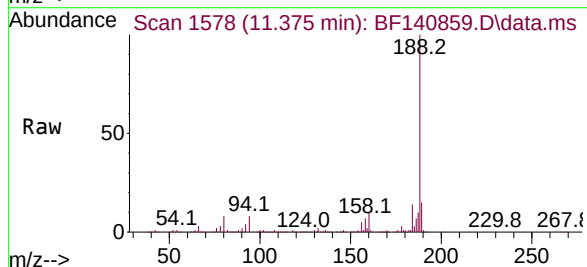
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

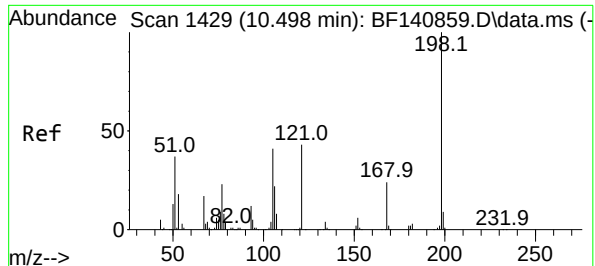
Tgt Ion: 77	Resp: 490731
Ion Ratio	Lower Upper
77 100	
182 24.5	4.5 44.5
105 20.9	0.9 40.9
51 28.6	8.6 48.6



#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: 188	Resp: 361848
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 8.5	6.8 10.2

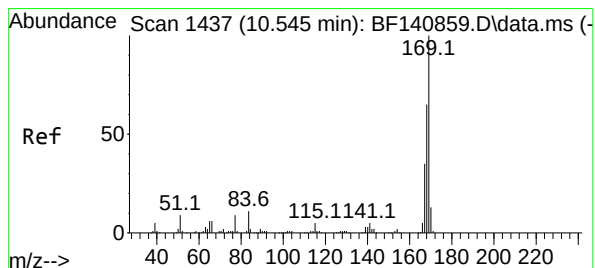
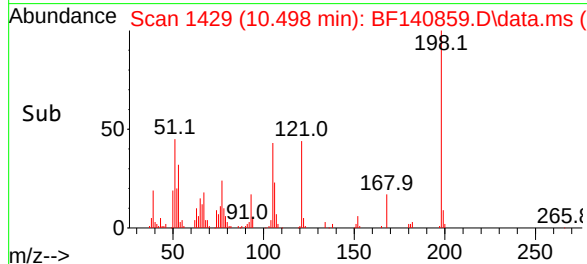
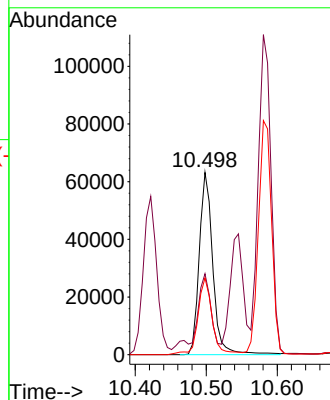
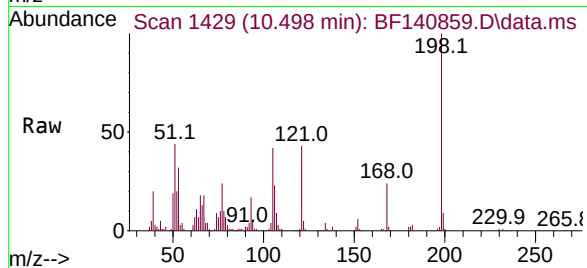




#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

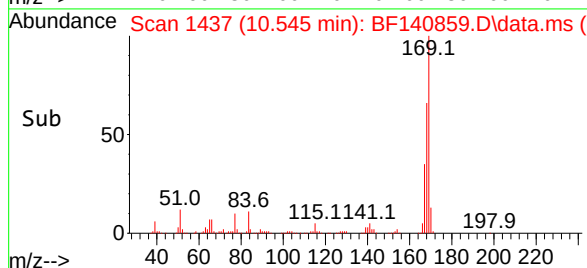
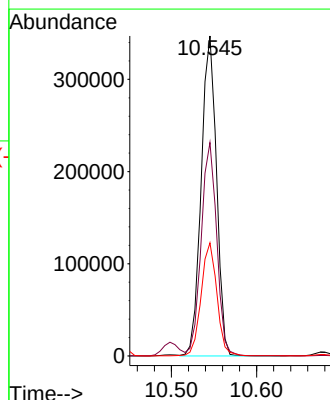
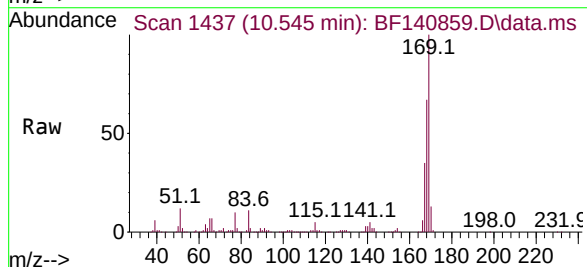
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

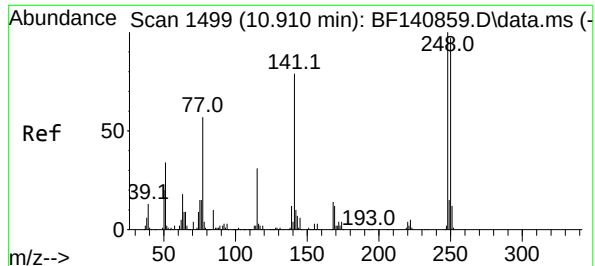
Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.4	24.4	64.4
105	42.1	22.1	62.1



#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

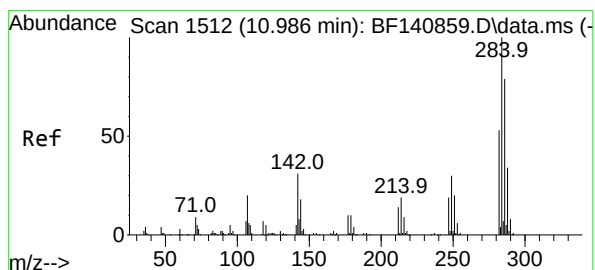
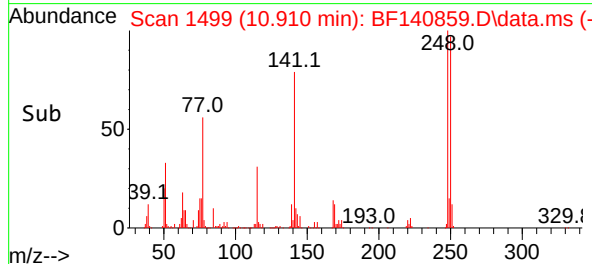
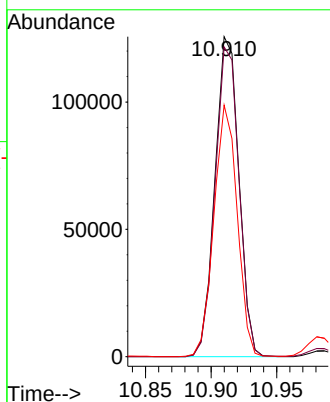
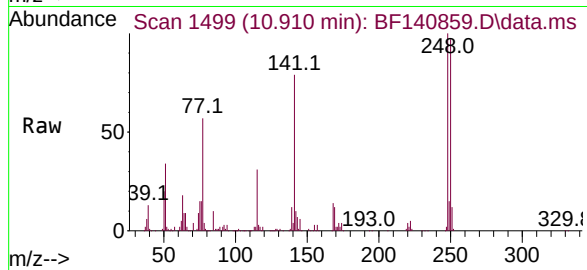




#67
4-Bromophenyl-phenylether
Concen: 39.307 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

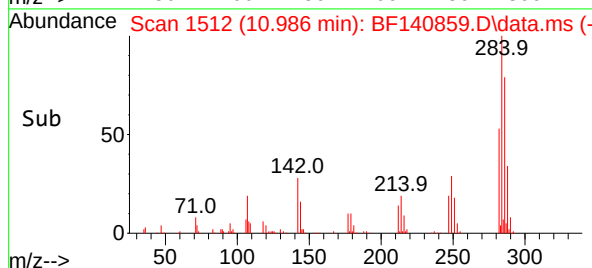
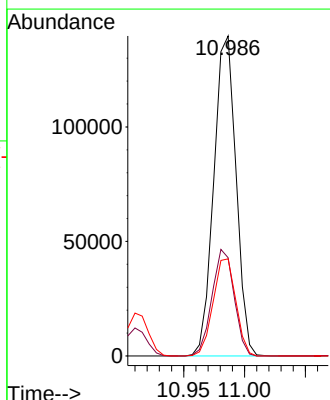
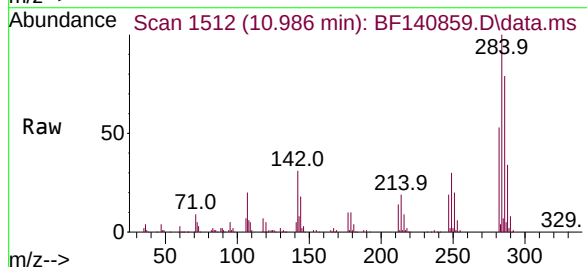
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

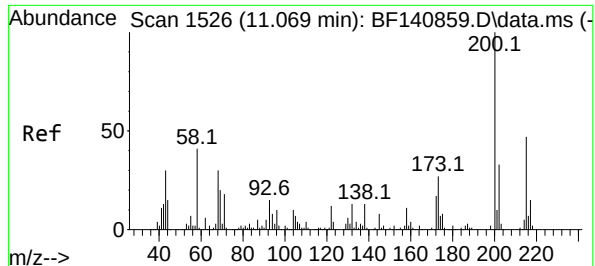
Tgt Ion:248 Resp: 159117
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 78.6 62.9 94.3



#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

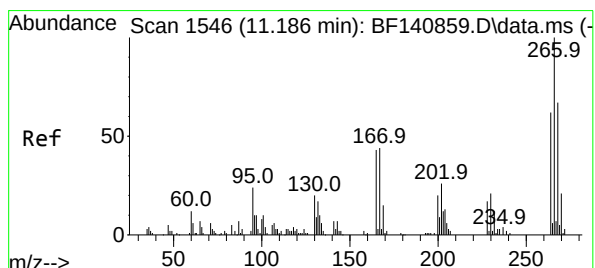
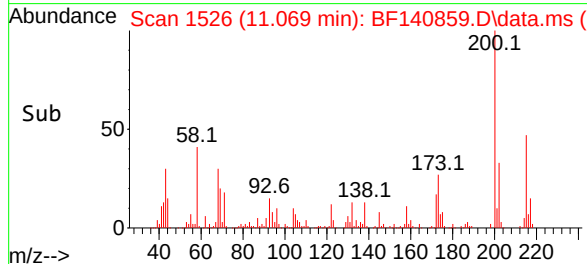
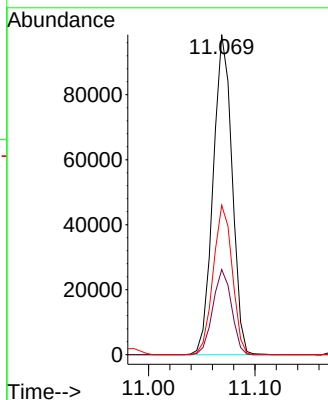
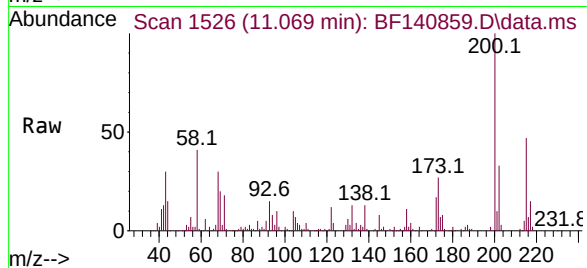
Tgt Ion:200 Resp: 121493

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

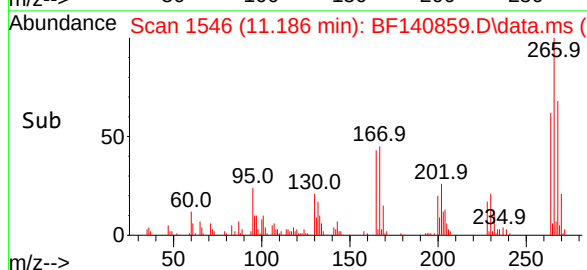
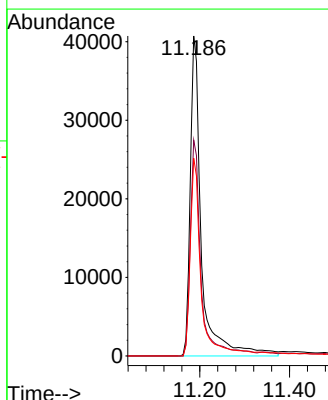
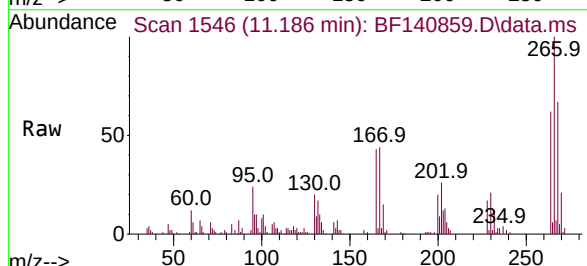
Tgt Ion:266 Resp: 70638

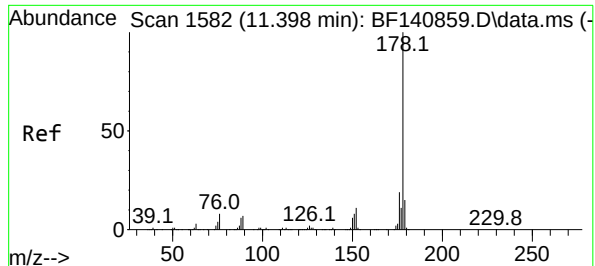
Ion Ratio Lower Upper

266 100

268 67.5 54.0 81.0

264 61.8 49.4 74.2

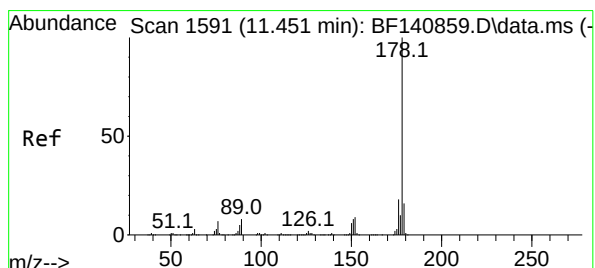
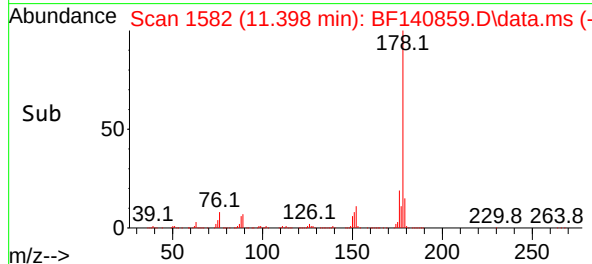
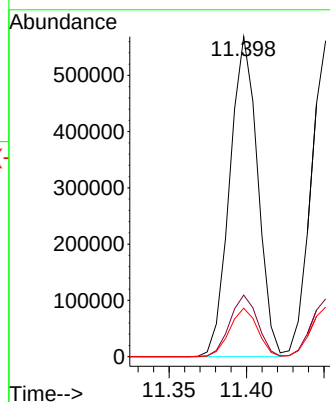
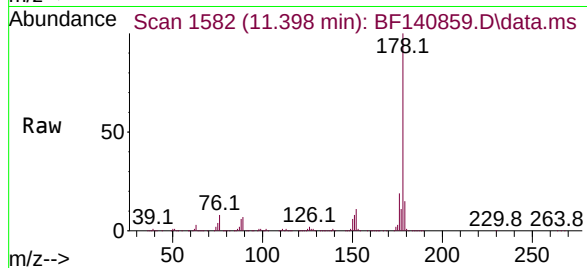




#71
Phenanthrene
Concen: 38.248 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

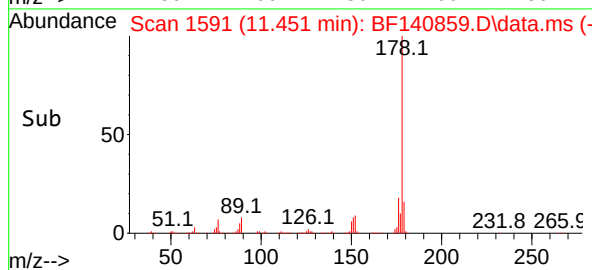
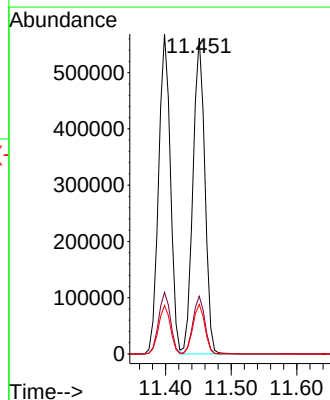
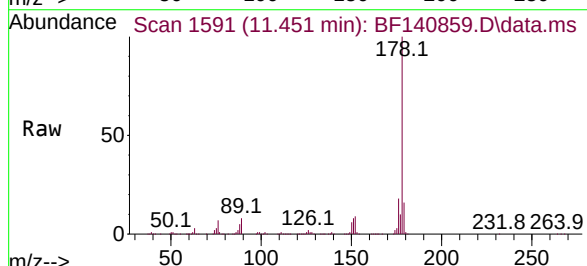
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

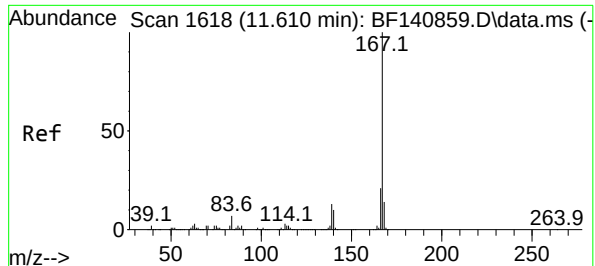
Tgt Ion:178 Resp: 711714
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.1 18.1



#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

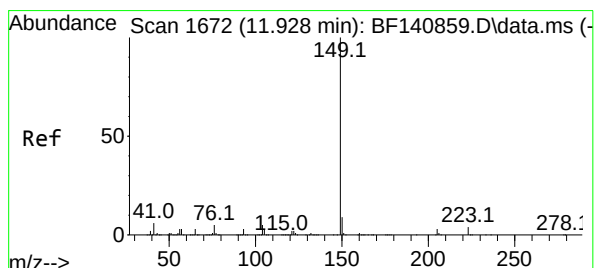
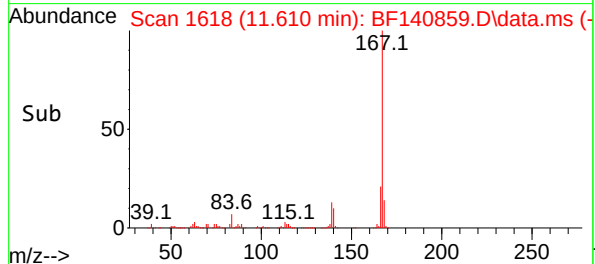
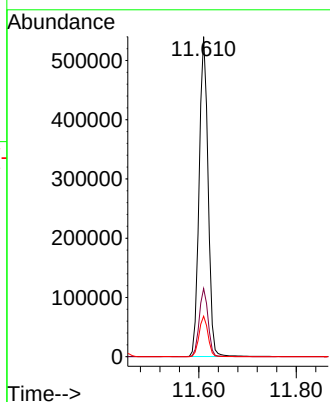
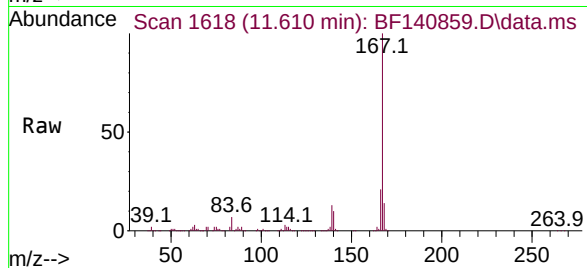




#73
Carbazole
Concen: 38.392 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

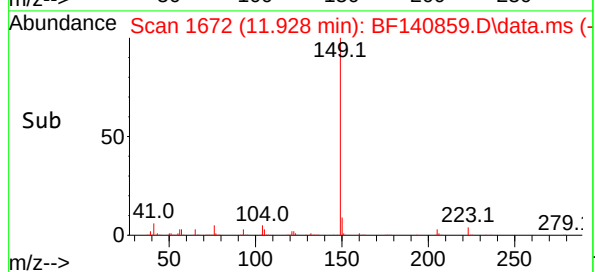
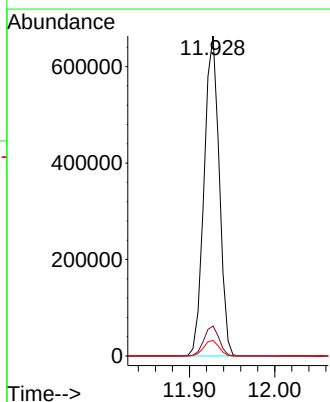
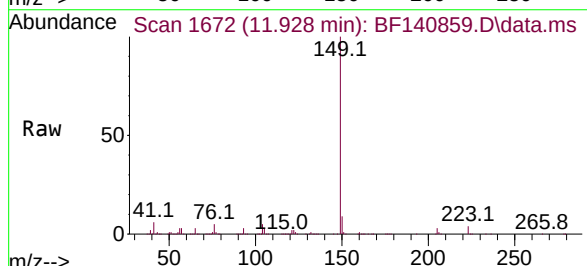
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

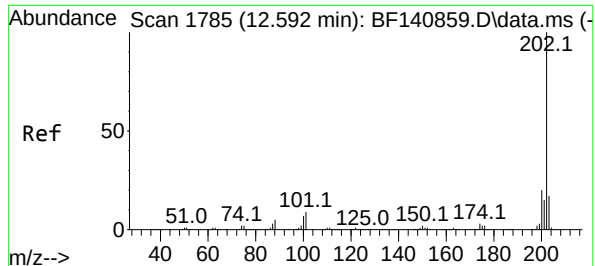
Tgt Ion:167 Resp: 689096
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.7 10.2 15.2



#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

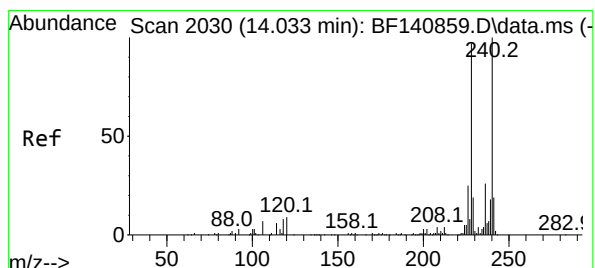
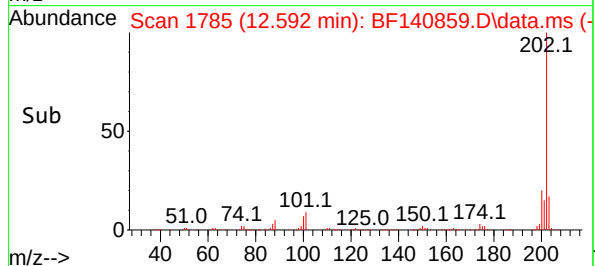
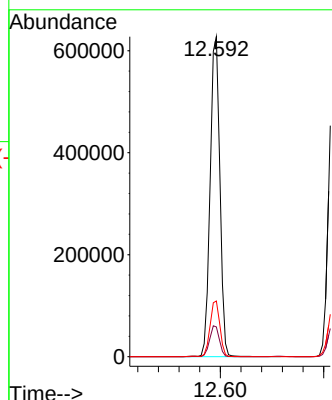
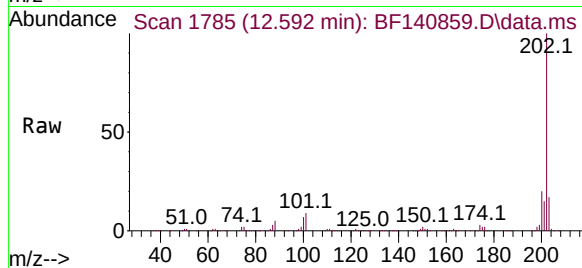




#75
Fluoranthene
Concen: 38.159 ng
RT: 12.592 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

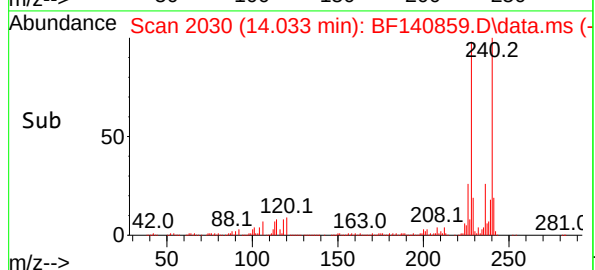
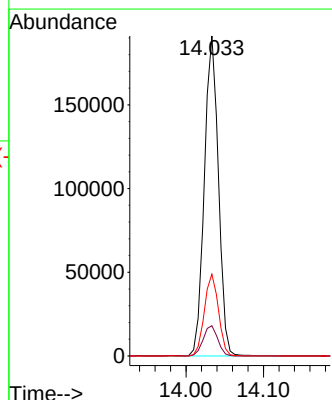
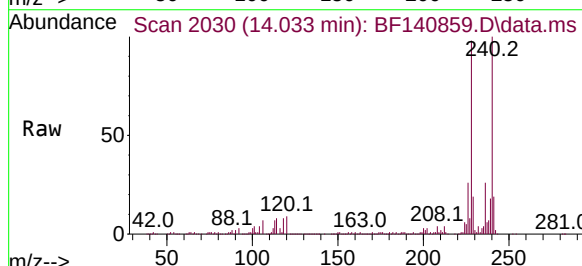
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

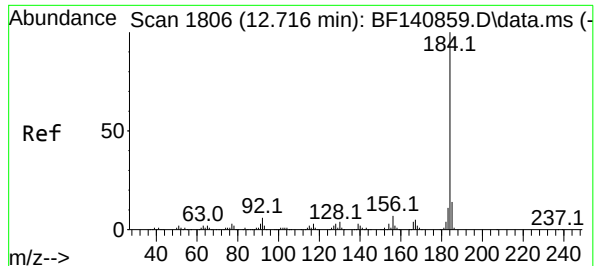
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.3
203	17.4	0.0	37.4



#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

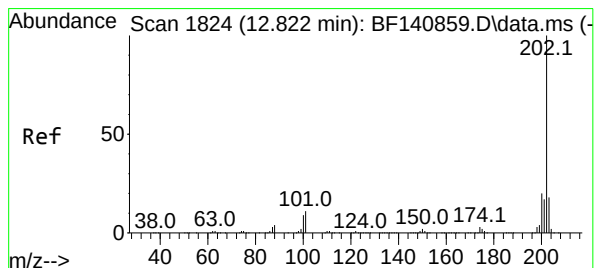
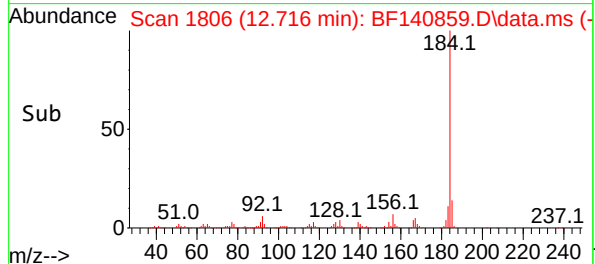
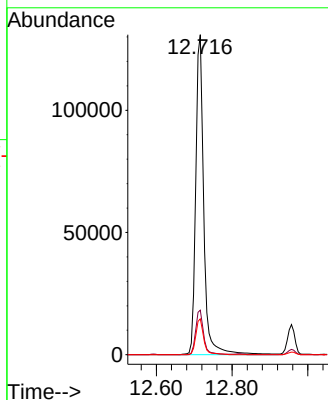
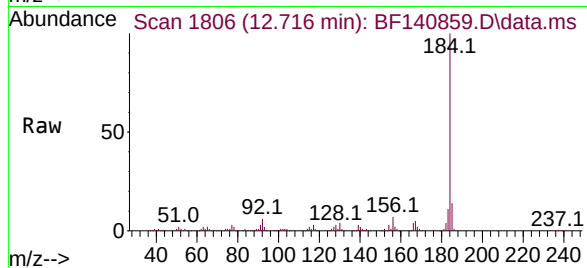




#77
Benzidine
Concen: 39.598 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

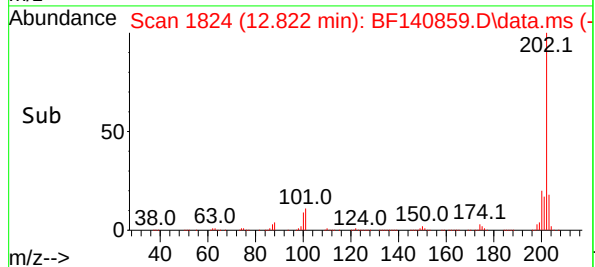
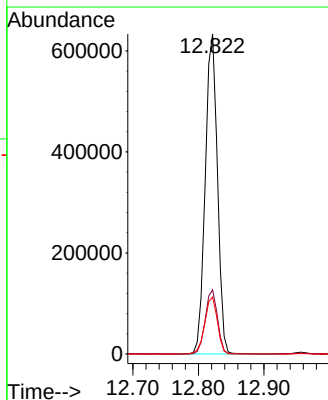
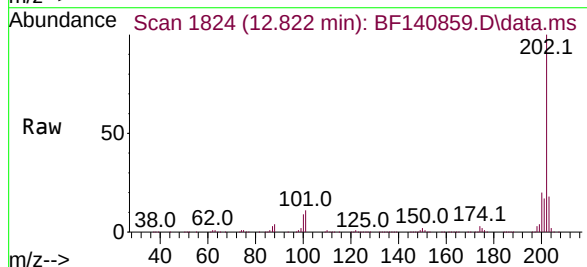
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

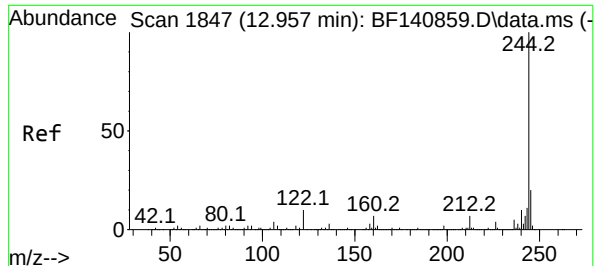
Tgt Ion:184 Resp: 194791
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.2 9.0 13.4



#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

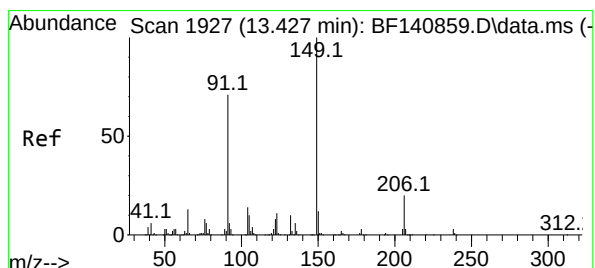
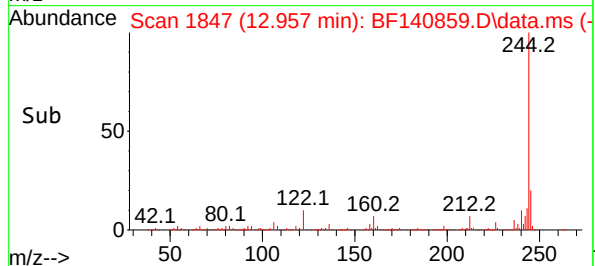
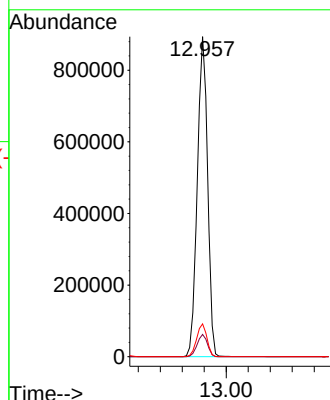
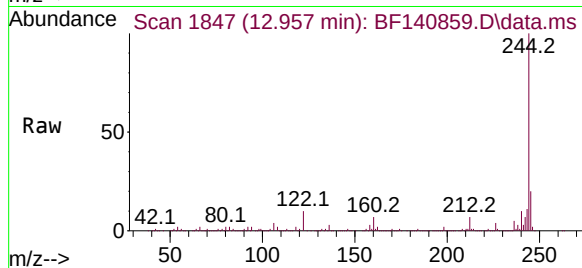
Tgt Ion:244 Resp: 1163098

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

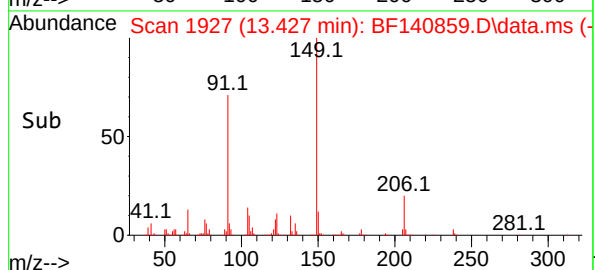
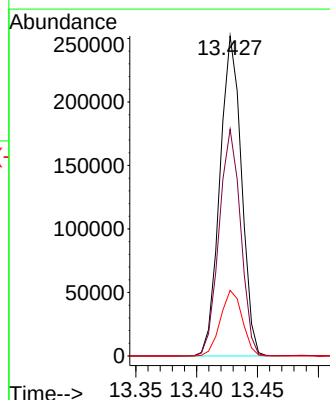
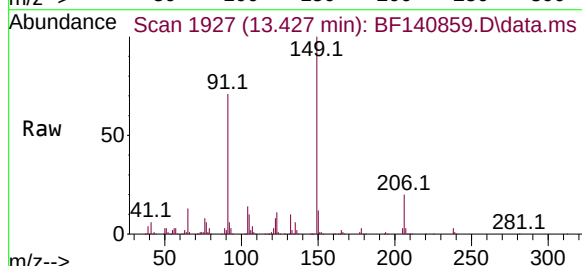
Tgt Ion:149 Resp: 311465

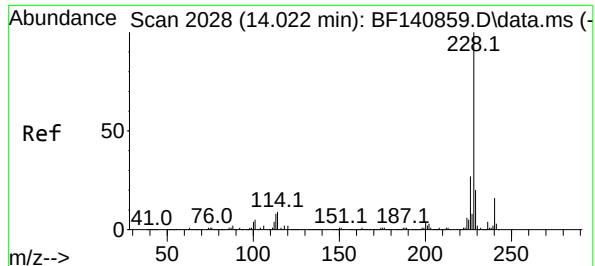
Ion Ratio Lower Upper

149 100

91 70.9 56.7 85.1

206 20.5 16.4 24.6

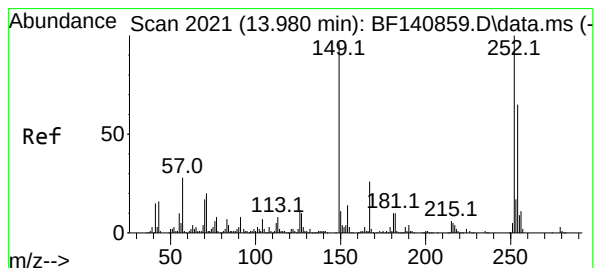
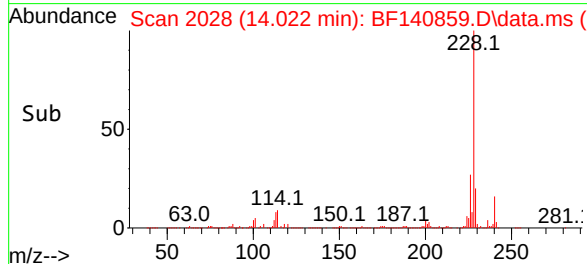
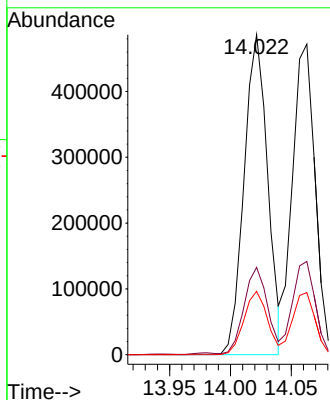
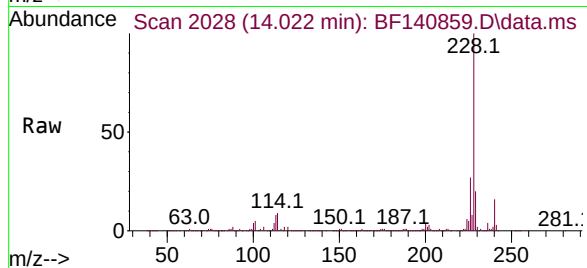




#81
Benzo(a)anthracene
Concen: 38.340 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

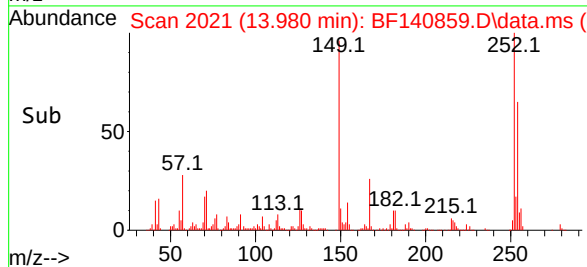
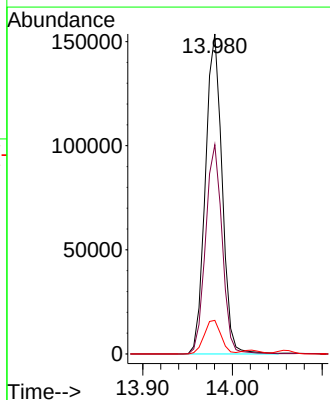
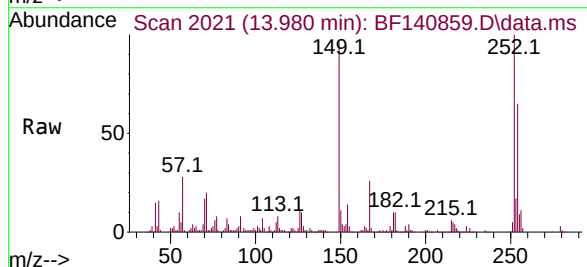
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

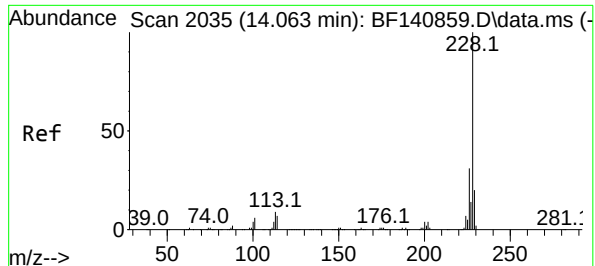
Tgt Ion:228 Resp: 654937
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.8



#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

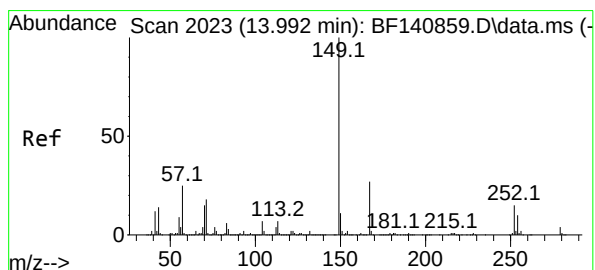
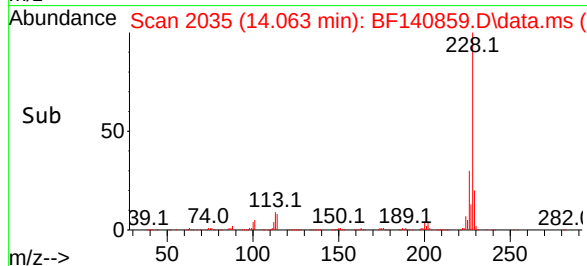
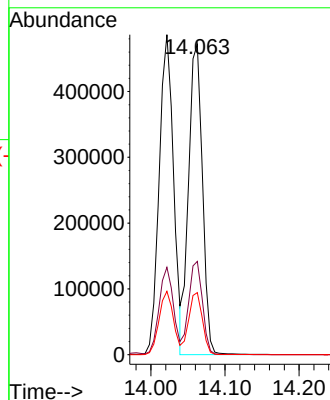
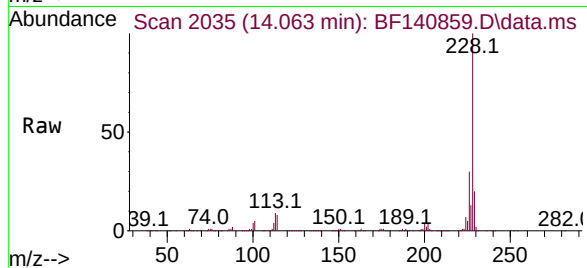
Tgt Ion:228 Resp: 612484

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

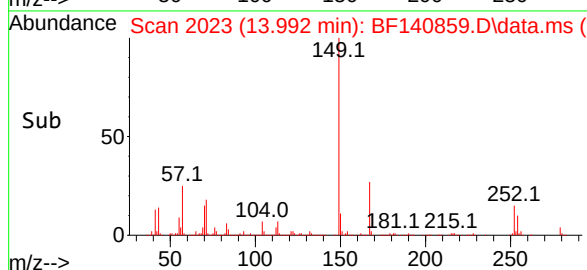
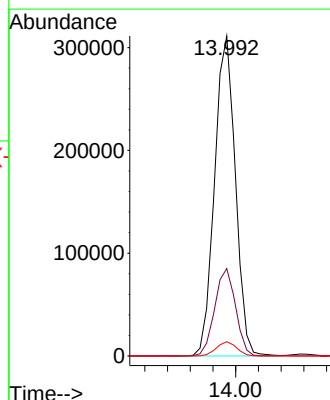
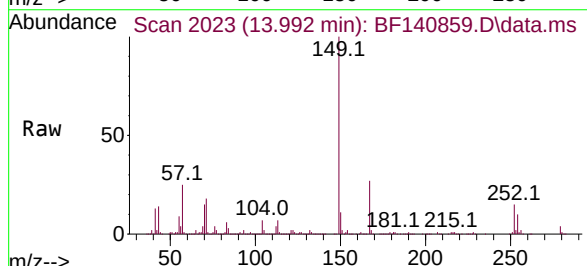
Tgt Ion:149 Resp: 395970

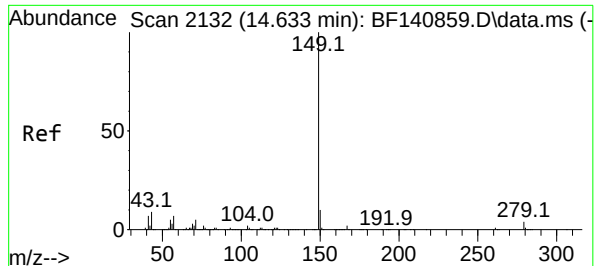
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.4 3.5 5.3

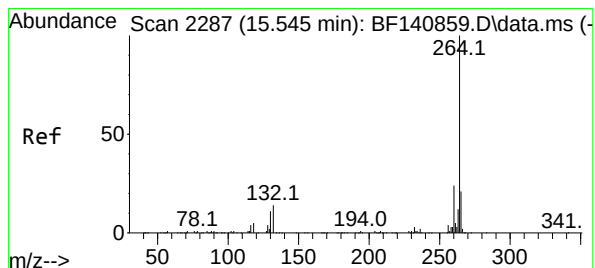
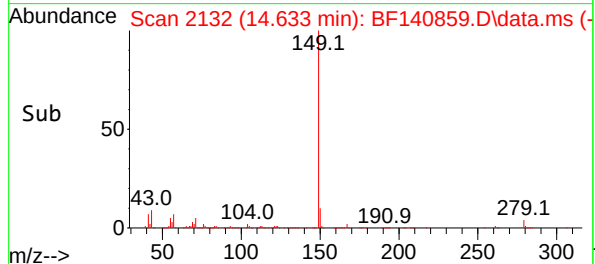
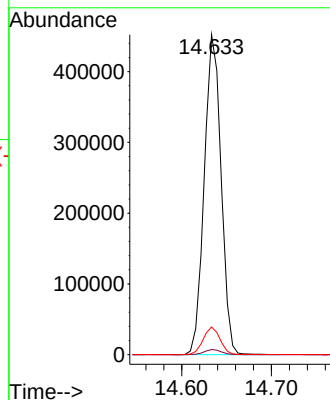
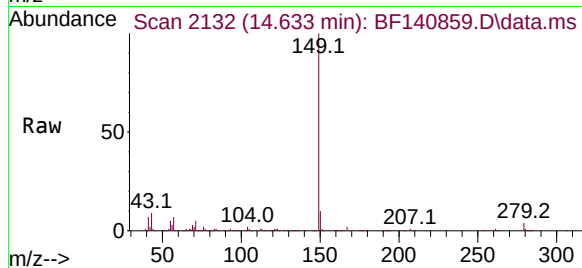




#85
Di-n-octyl phthalate
Concen: 38.326 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

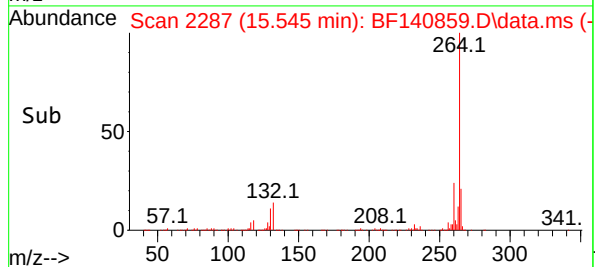
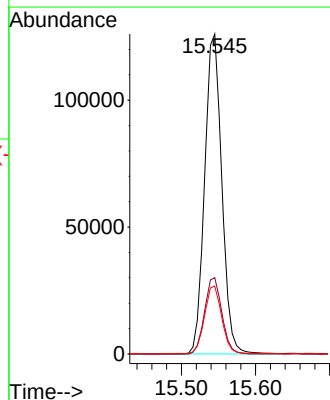
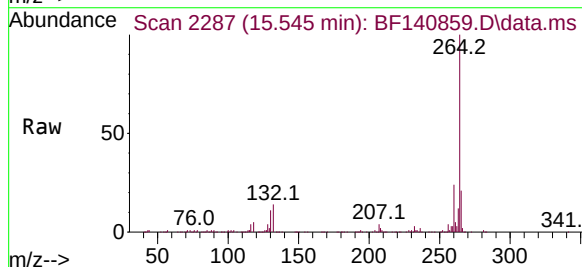
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

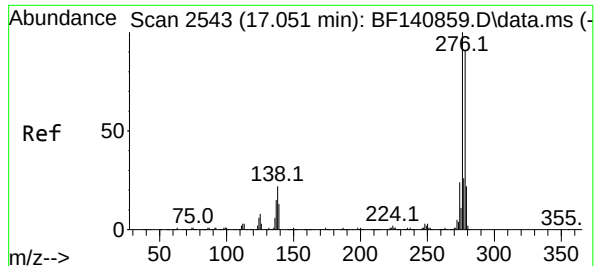
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.0	10.6



#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

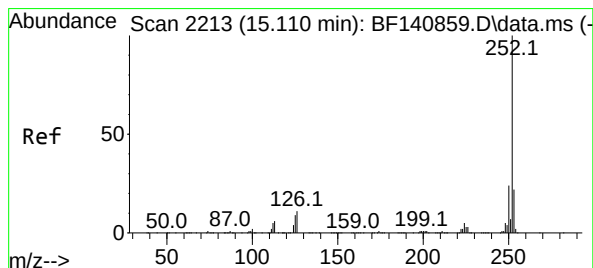
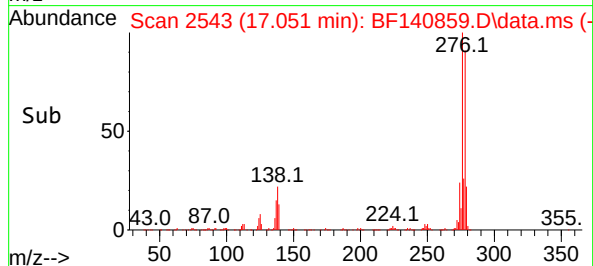
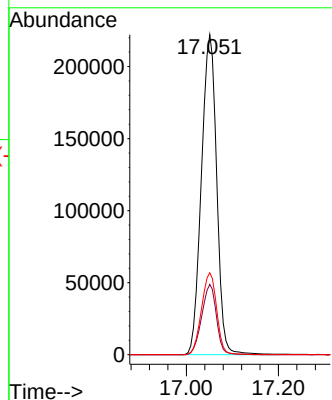
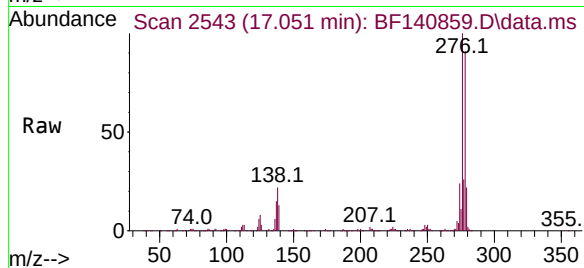




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.662 ng
RT: 17.051 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

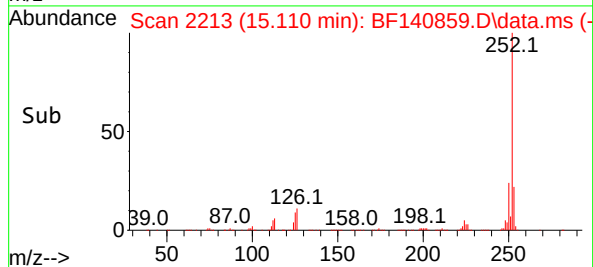
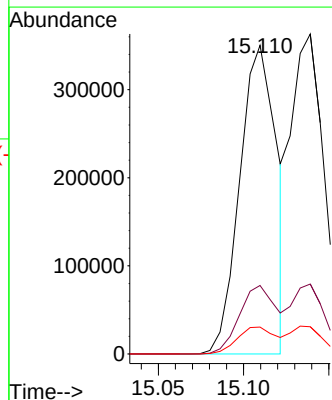
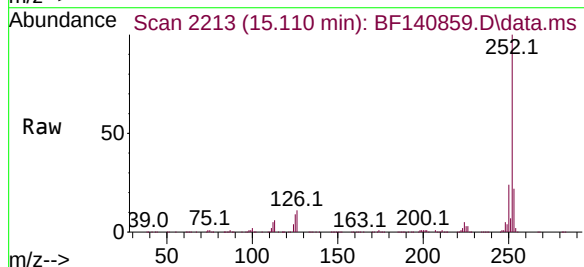
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

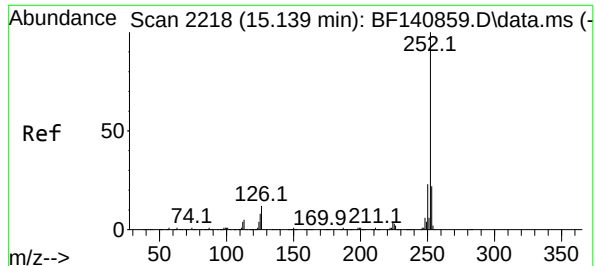
Tgt Ion:276 Resp: 514416
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.3 20.2 30.4



#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

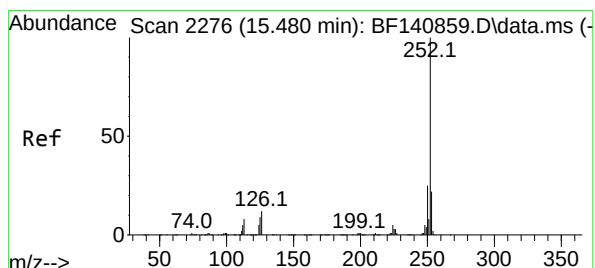
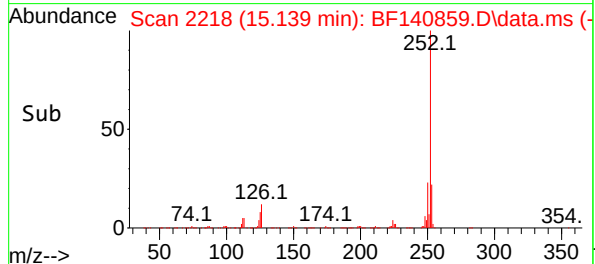
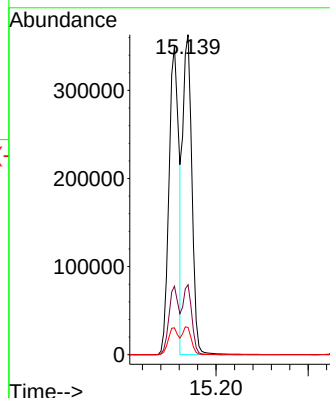
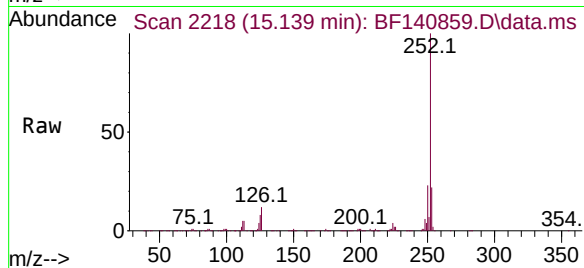
Tgt Ion:252 Resp: 496310

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

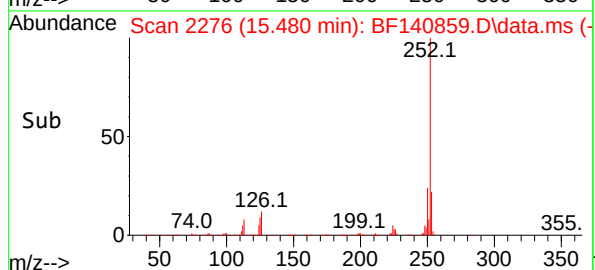
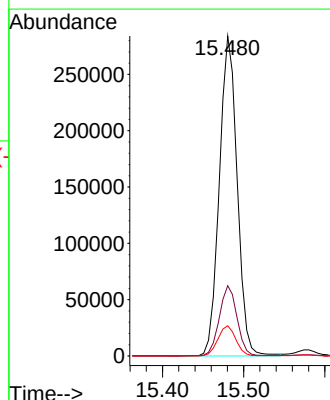
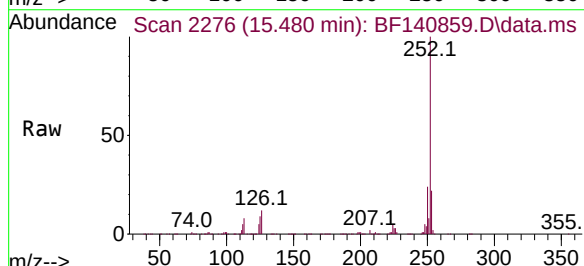
Tgt Ion:252 Resp: 435015

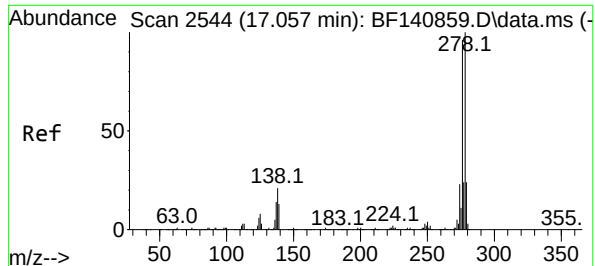
Ion Ratio Lower Upper

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

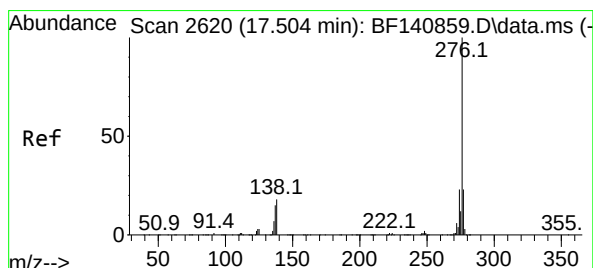
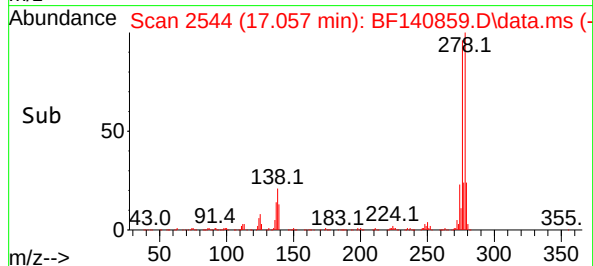
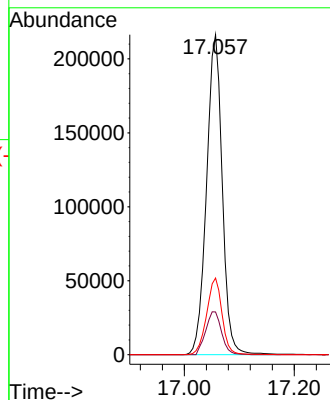
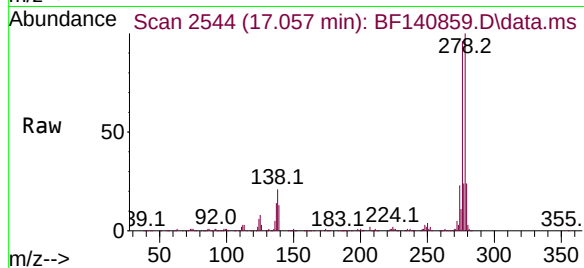
Tgt Ion:278 Resp: 428983

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

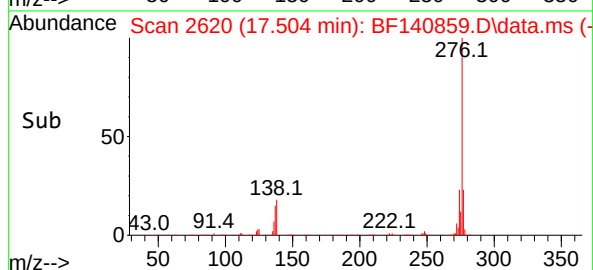
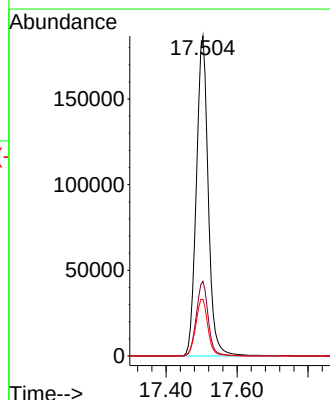
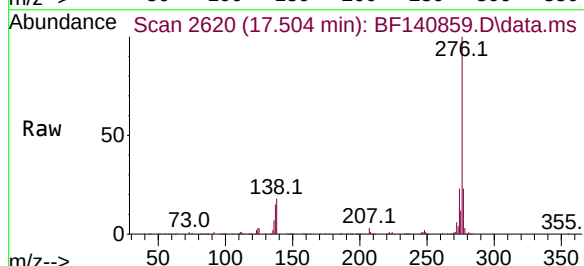
Tgt Ion:276 Resp: 434898

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

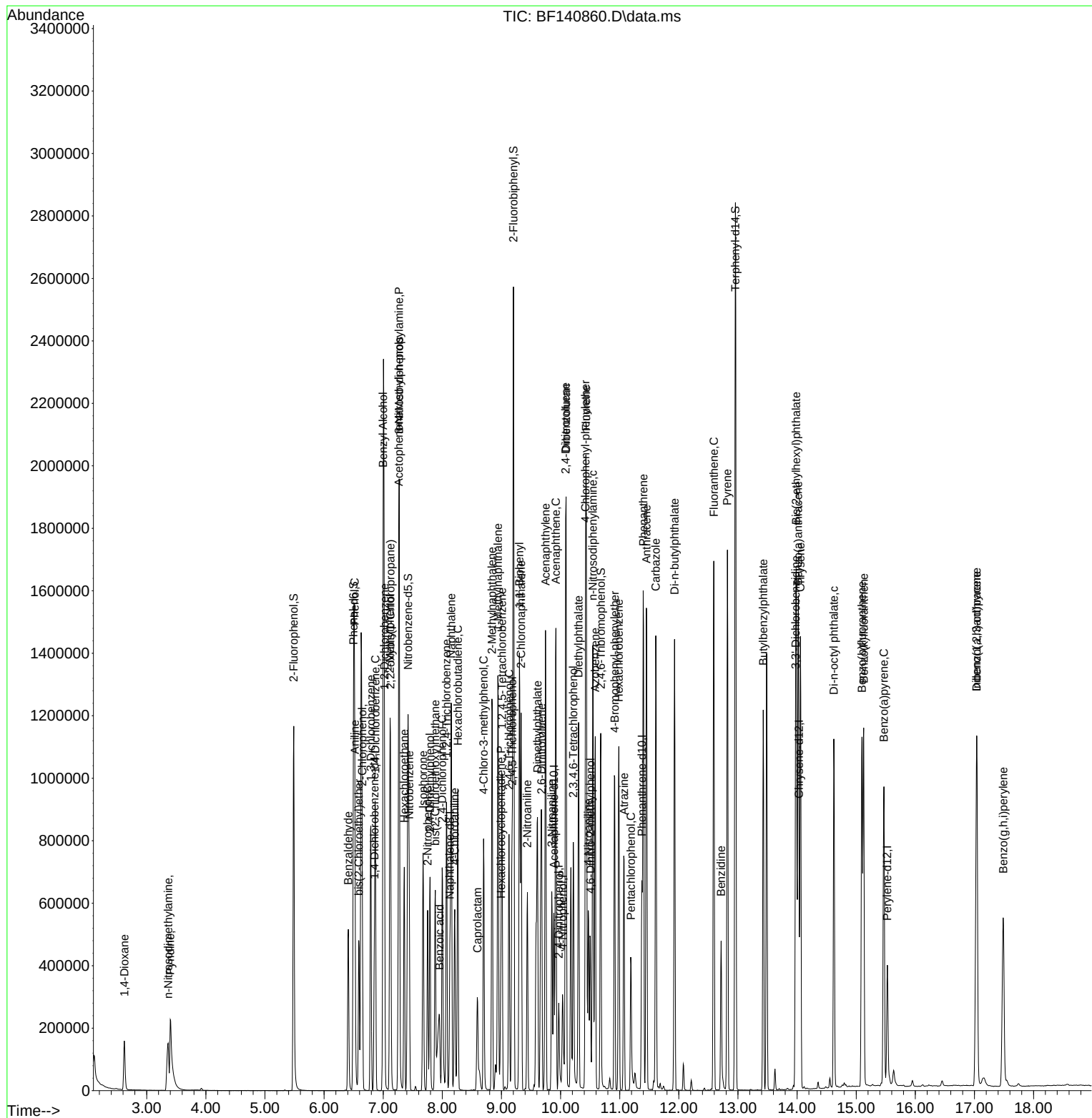
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	170411	47.697	ng	99
46) 1,1'-Biphenyl	9.304	154	631768	46.001	ng	99
47) 2-Chloronaphthalene	9.333	162	485339	46.194	ng	98
48) 2-Nitroaniline	9.439	65	147104	46.359	ng	96
49) Acenaphthylene	9.745	152	732431	47.437	ng	100
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

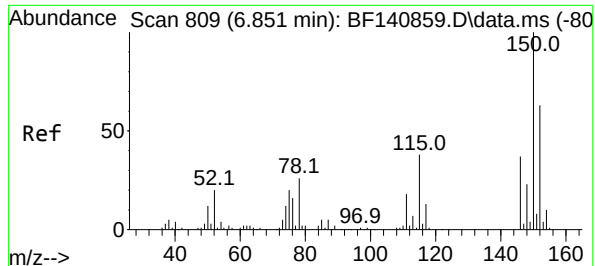
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

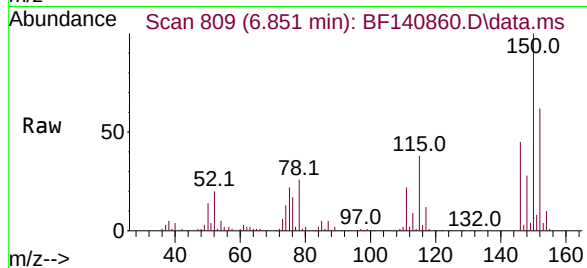
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:38:27 2024
Response via : Initial Calibration



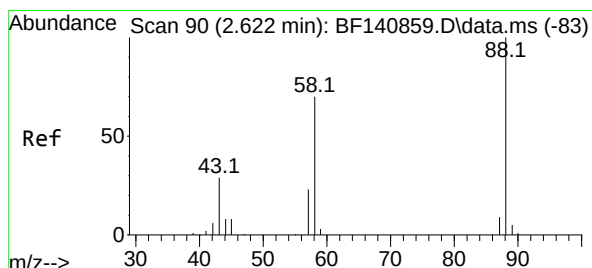
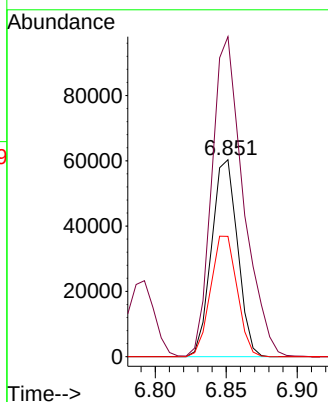
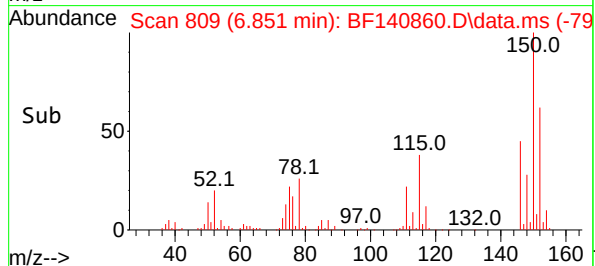


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

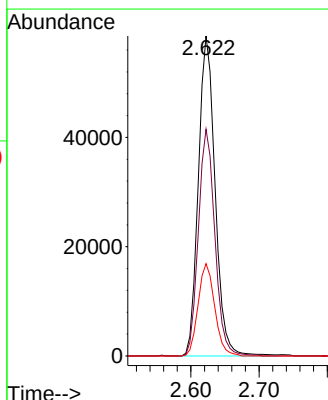
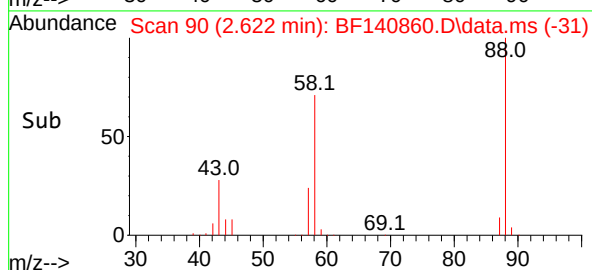
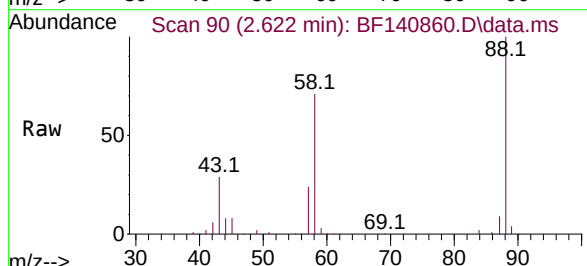


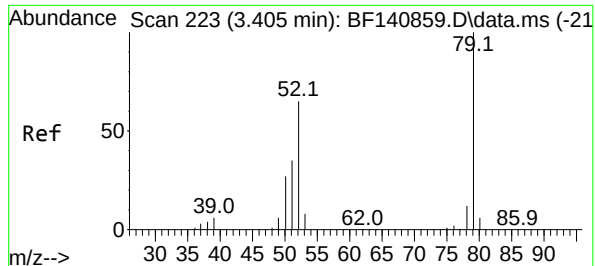
Tgt Ion:152 Resp: 76886
Ion Ratio Lower Upper
152 100
150 162.5 127.9 191.9
115 61.1 48.0 72.0



#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

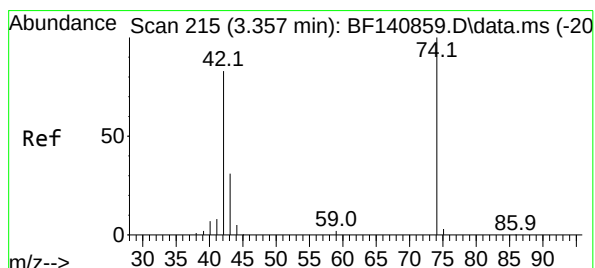
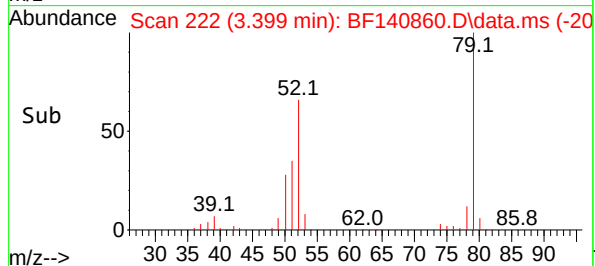
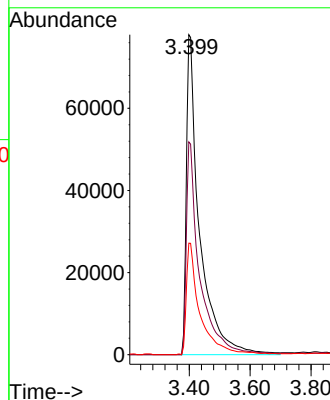
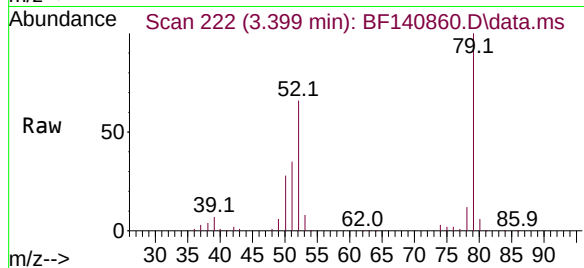
Tgt Ion: 79 Resp: 234673

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

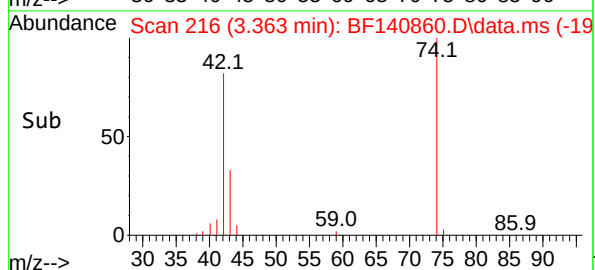
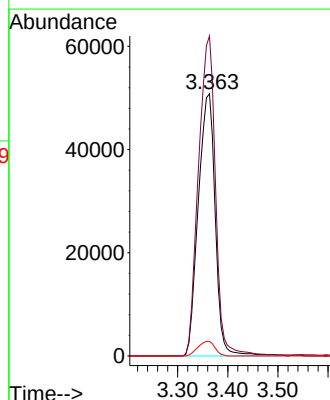
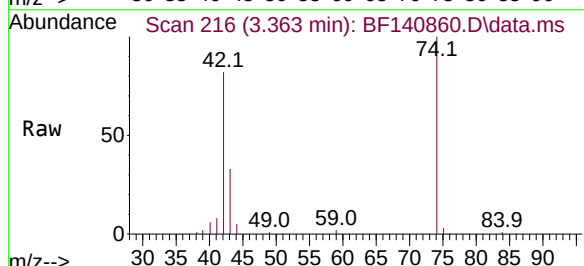
Tgt Ion: 42 Resp: 119432

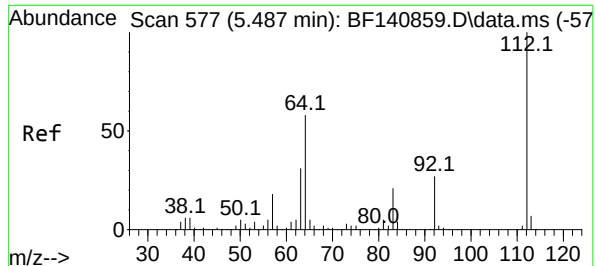
Ion Ratio Lower Upper

42 100

74 122.0 96.9 145.3

44 5.5 4.4 6.6

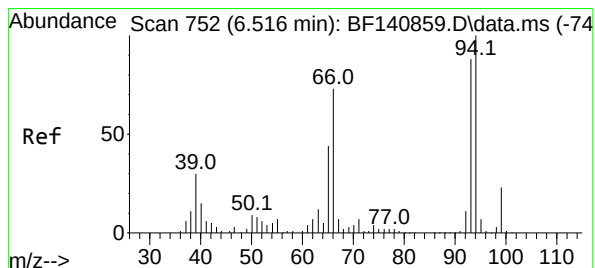
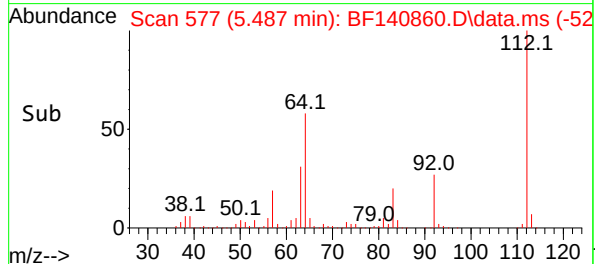
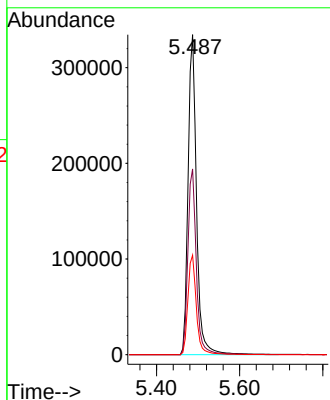
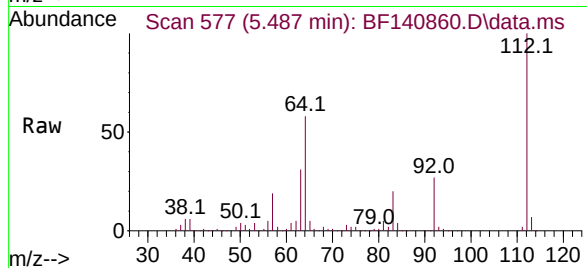




#5
2-Fluorophenol
Concen: 101.322 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

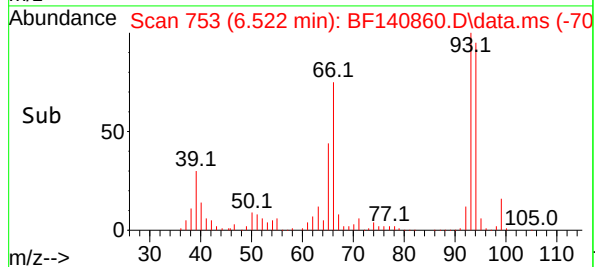
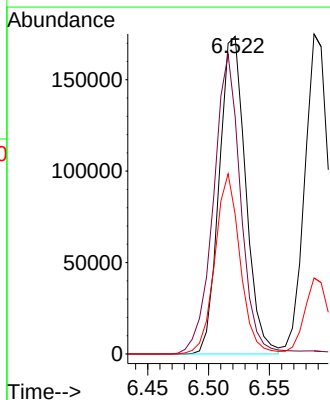
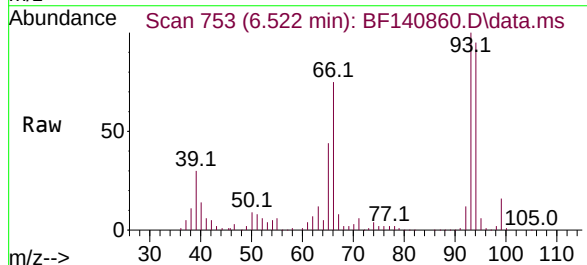
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

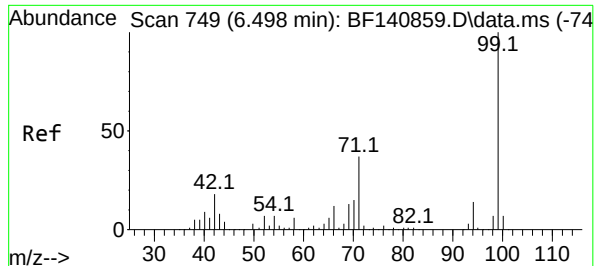
Tgt Ion:112 Resp: 473230
Ion Ratio Lower Upper
112 100
64 58.0 46.1 69.1
63 31.1 24.9 37.3



#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

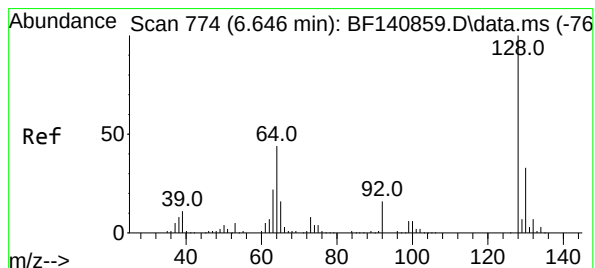
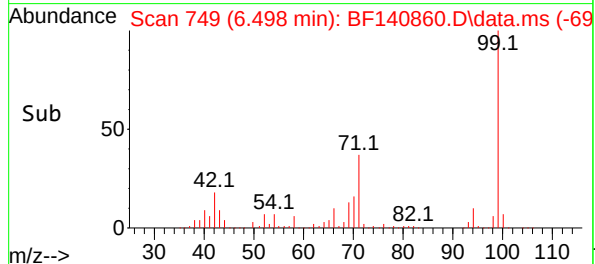
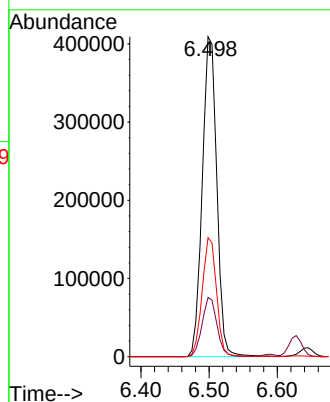
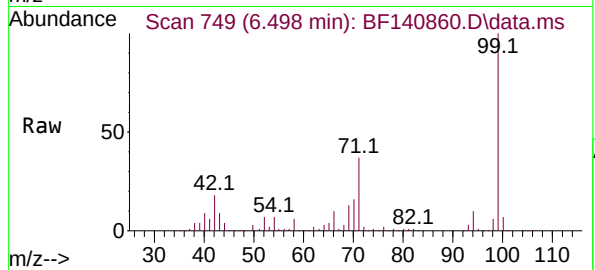




#7
Phenol-d6
Concen: 97.928 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

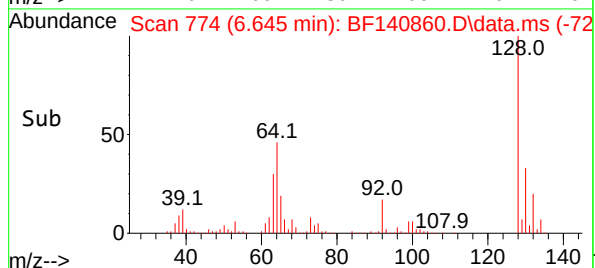
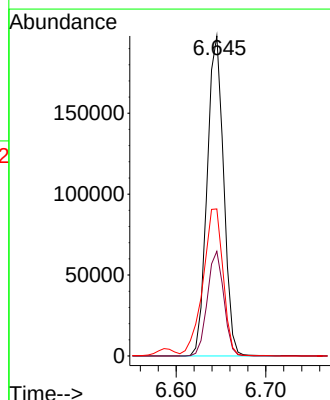
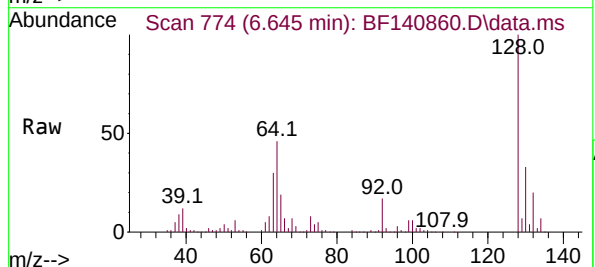
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

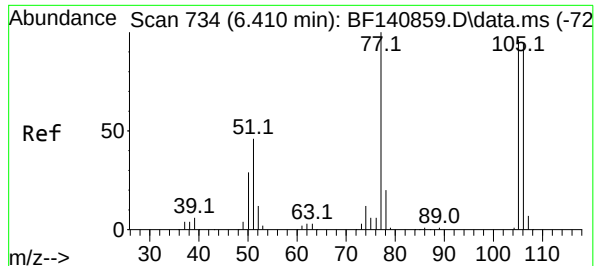
Tgt Ion: 99 Resp: 605803
Ion Ratio Lower Upper
99 100
42 18.5 14.3 21.5
71 37.2 29.9 44.9



#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

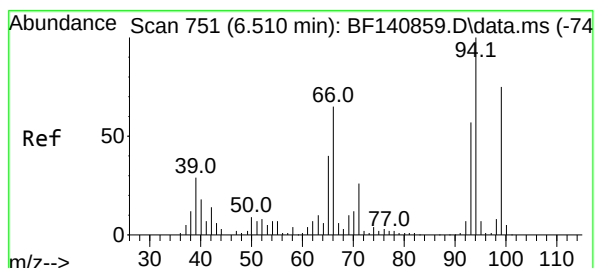
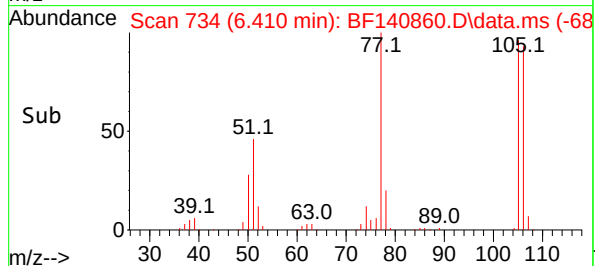
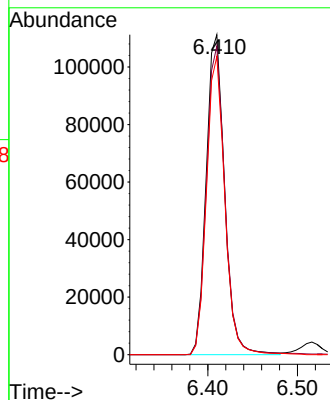
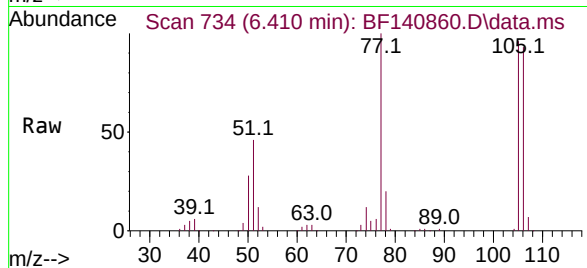
Tgt Ion: 77 Resp: 158111

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

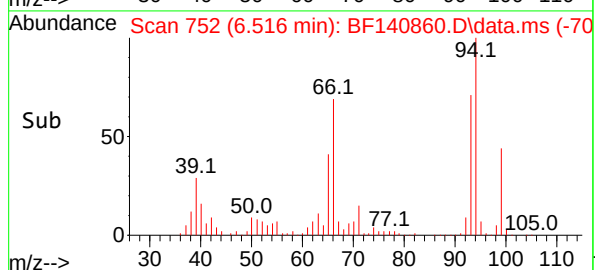
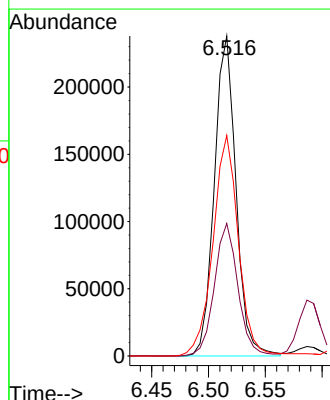
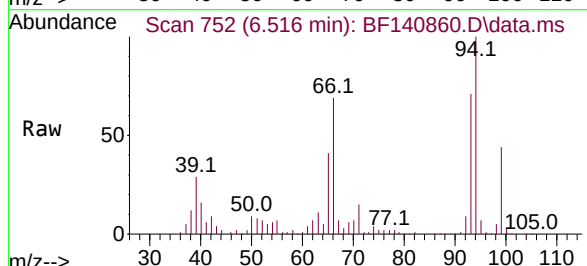
Tgt Ion: 94 Resp: 315876

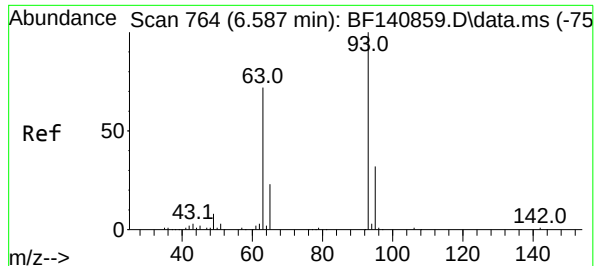
Ion Ratio Lower Upper

94 100

65 41.4 19.9 59.9

66 68.9 45.6 85.6

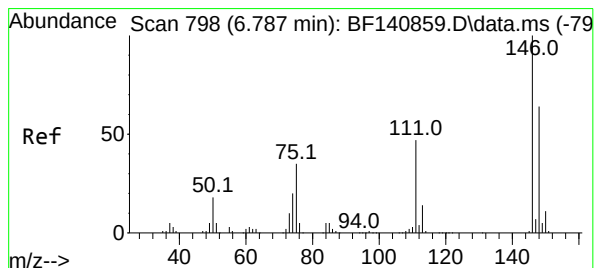
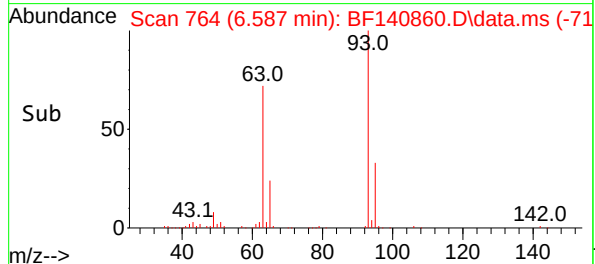
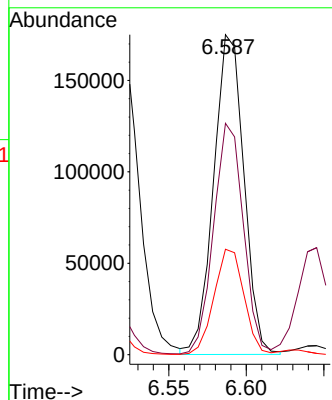
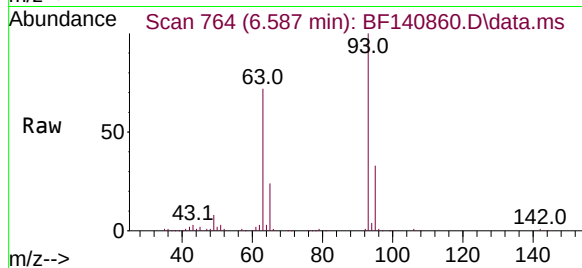




#11
bis(2-Chloroethyl)ether
Concen: 49.712 ng
RT: 6.587 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

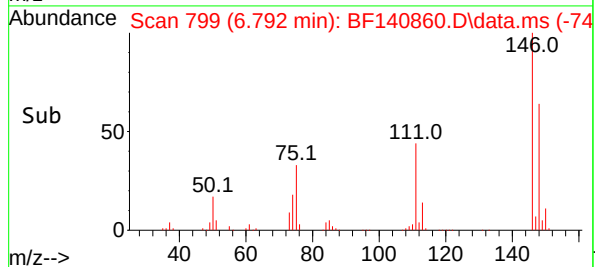
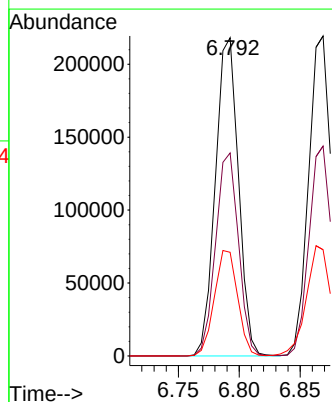
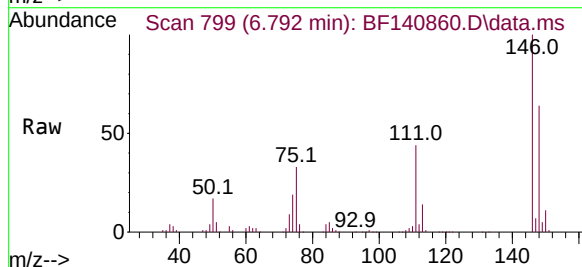
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

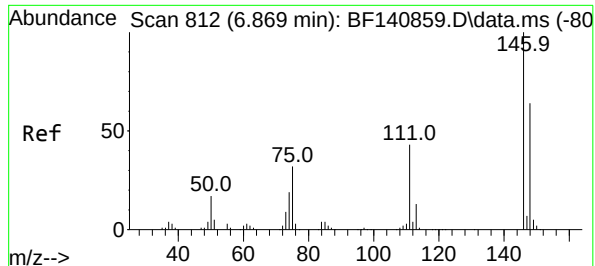
Tgt Ion: 93 Resp: 237699
Ion Ratio Lower Upper
93 100
63 72.3 51.0 91.0
95 32.9 12.0 52.0



#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

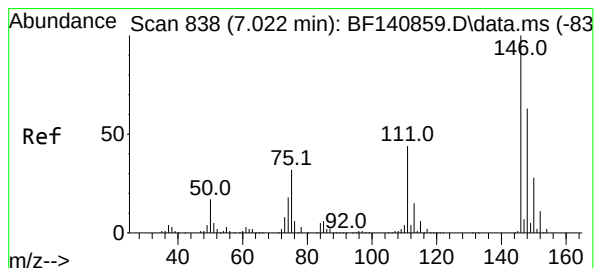
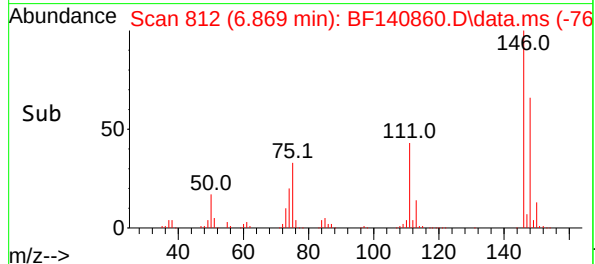
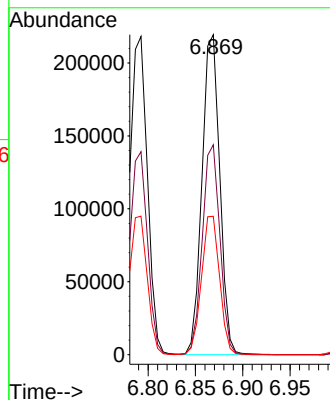
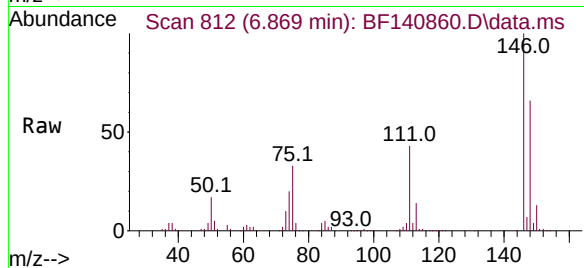
Tgt Ion:146 Resp: 287394

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

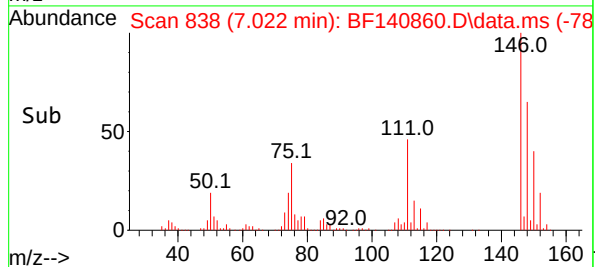
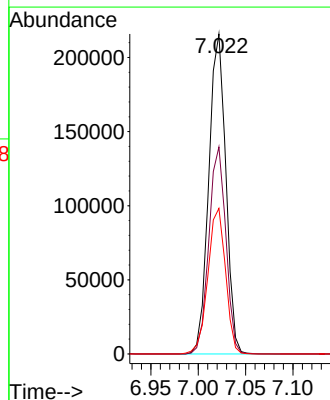
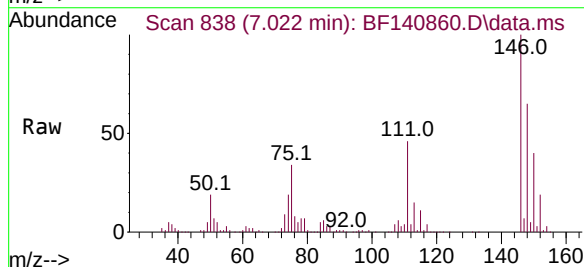
Tgt Ion:146 Resp: 269678

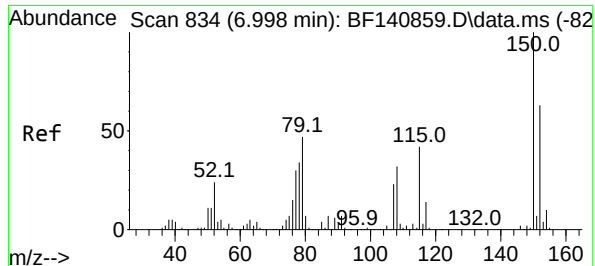
Ion Ratio Lower Upper

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

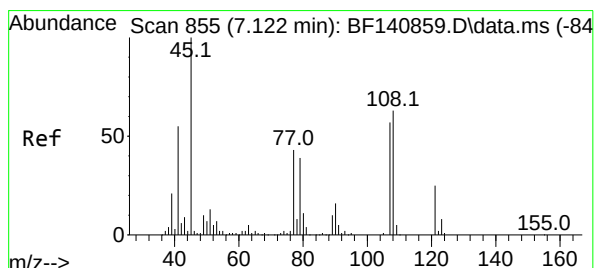
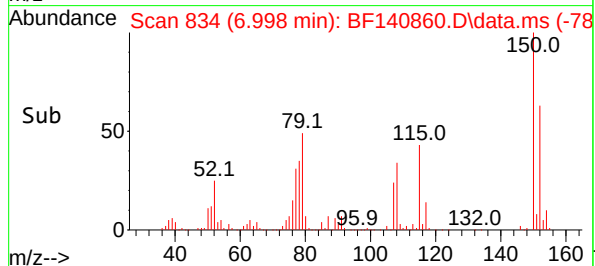
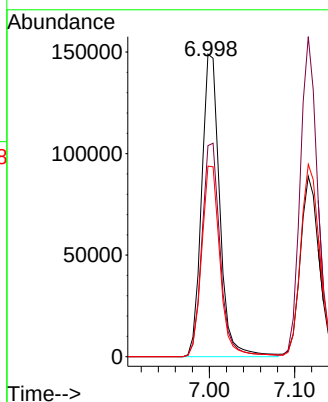
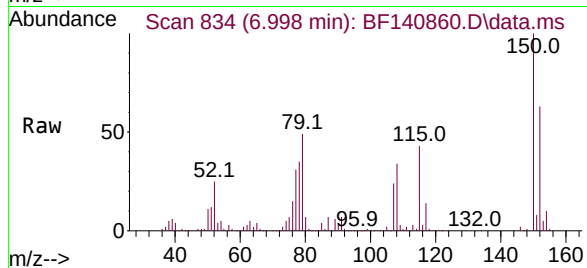
Tgt Ion: 79 Resp: 219795

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

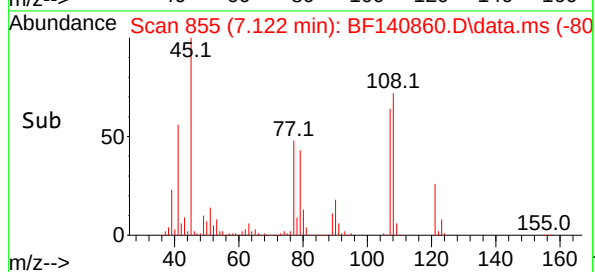
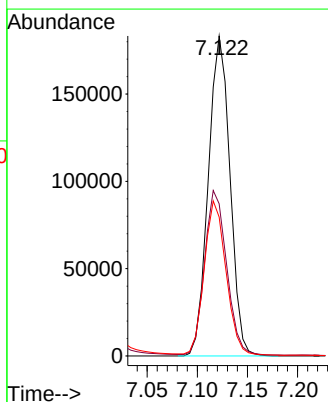
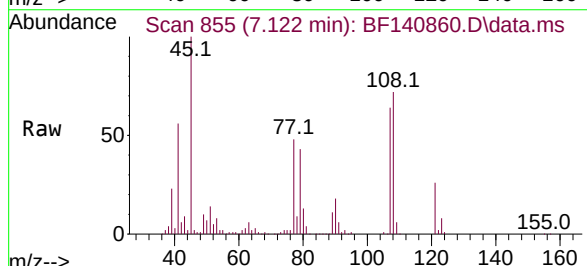
Tgt Ion: 45 Resp: 276410

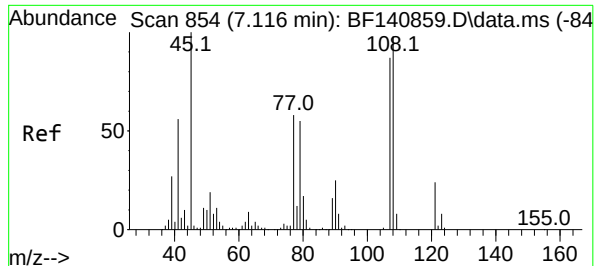
Ion Ratio Lower Upper

45 100

77 47.6 23.3 63.3

79 43.4 20.0 60.0

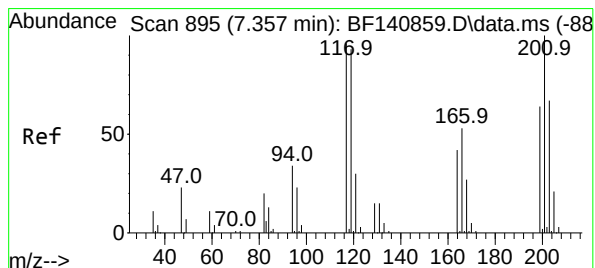
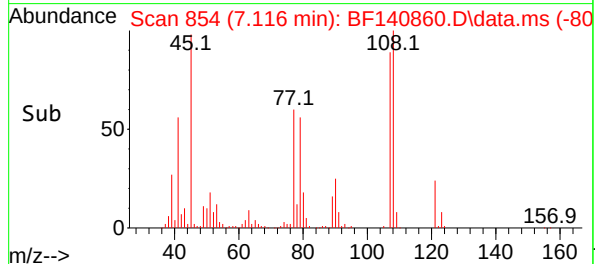
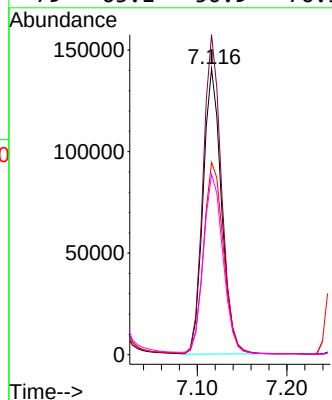
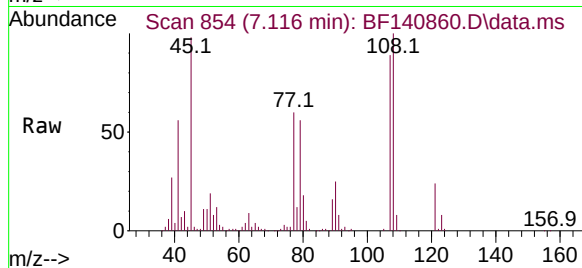




#17
2-Methylphenol
Concen: 49.127 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

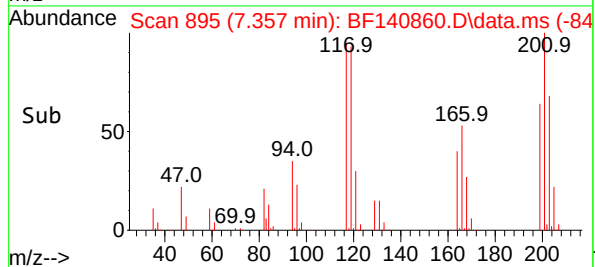
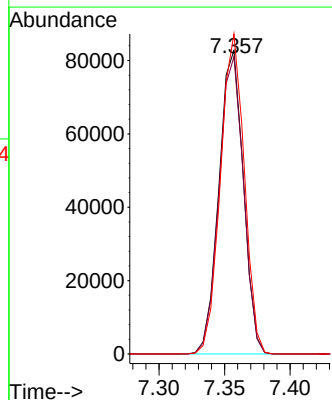
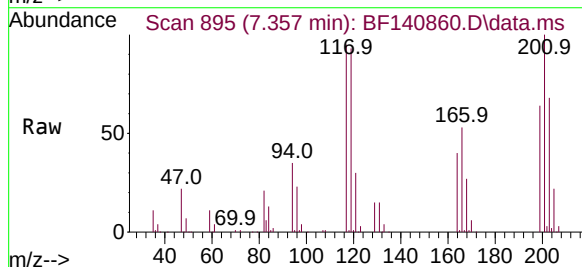
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

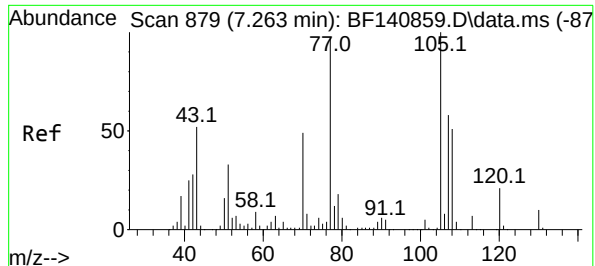
Tgt Ion:107 Resp: 199766
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.4
77 67.3 53.8 80.6
79 63.1 50.9 76.3



#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

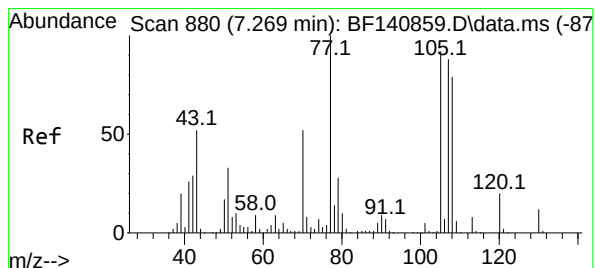
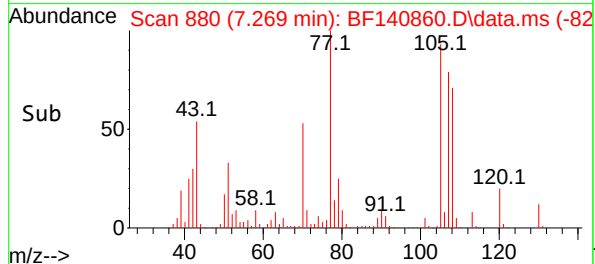
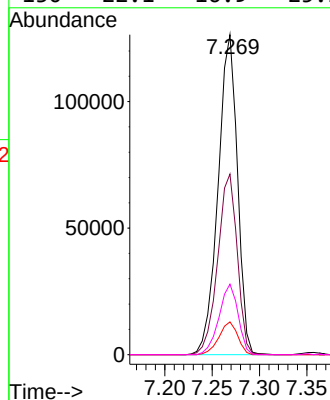
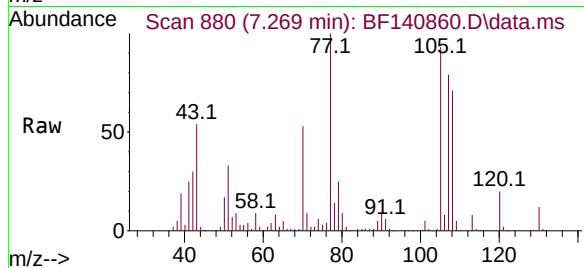
Ion Ratio Lower Upper

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

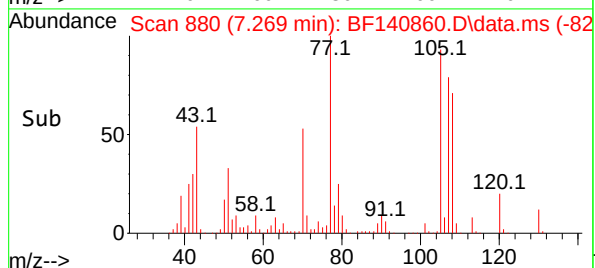
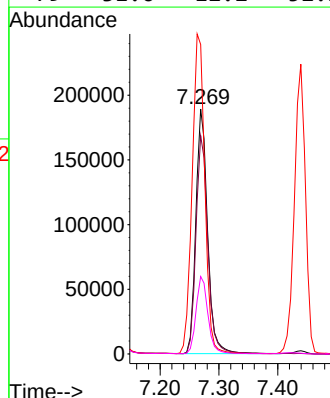
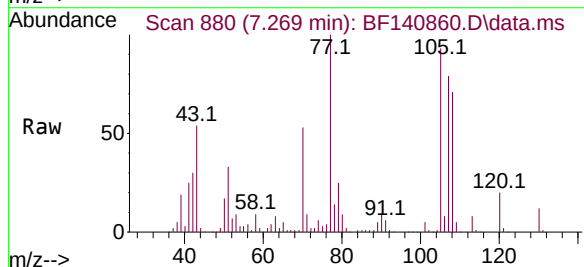
Ion Ratio Lower Upper

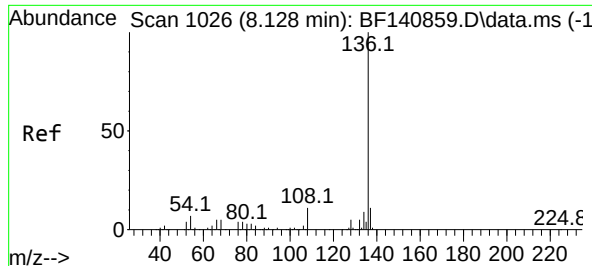
107 100

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

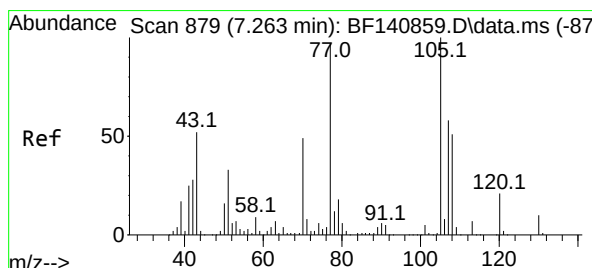
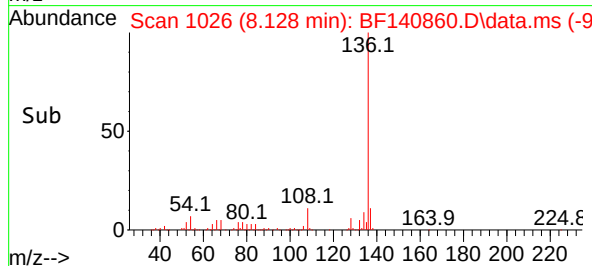
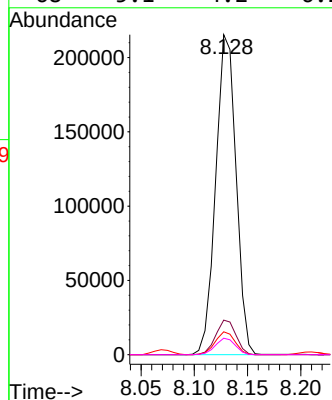
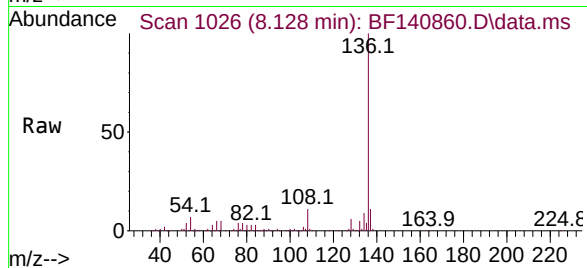
Ion Ratio Lower Upper

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

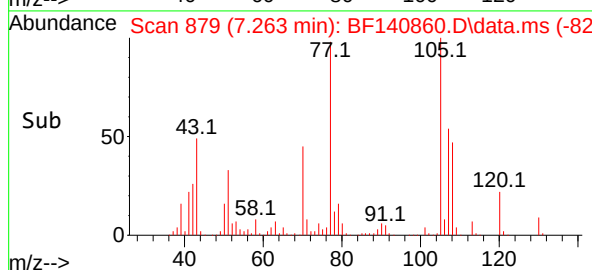
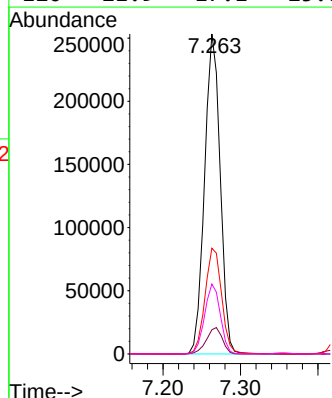
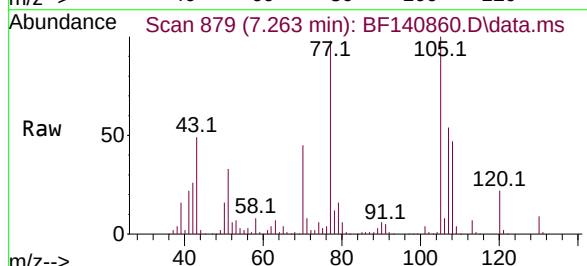
Ion Ratio Lower Upper

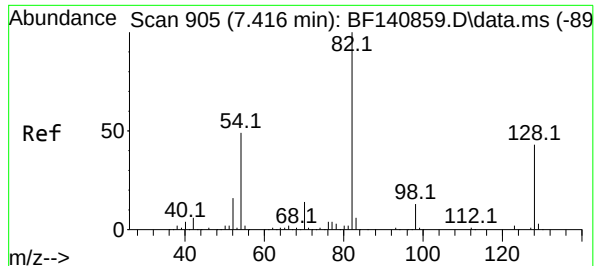
105 100

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

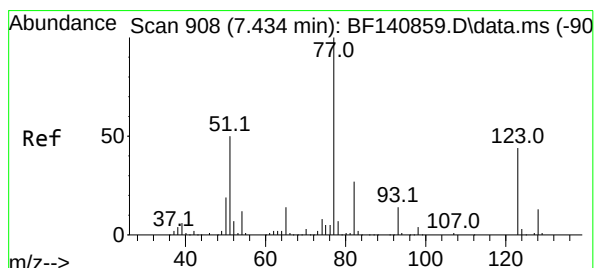
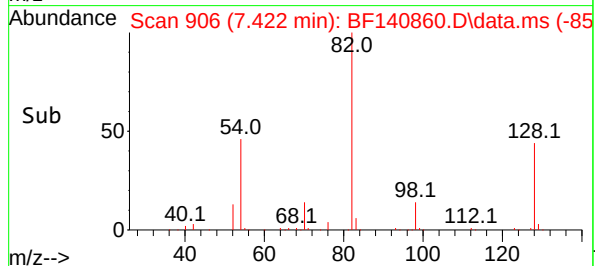
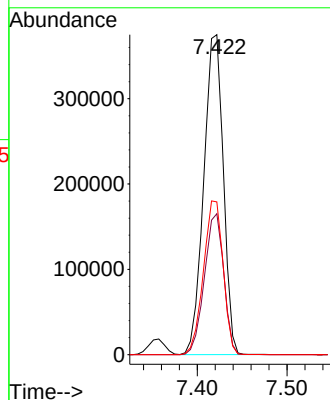
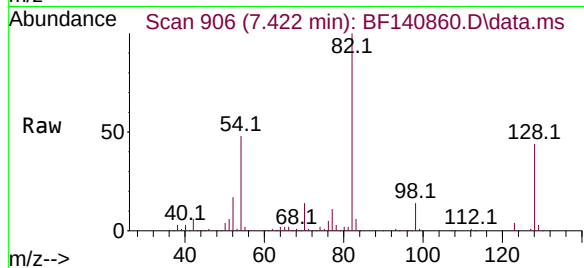
Tgt Ion: 82 Resp: 568078

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

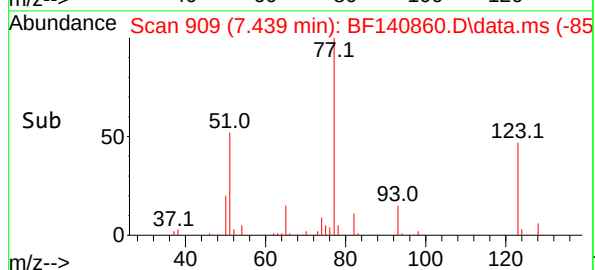
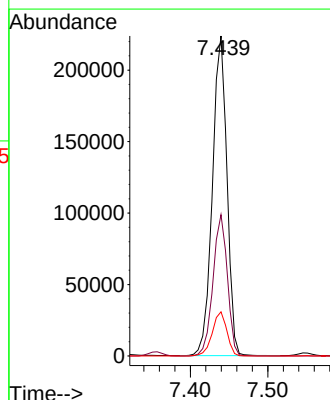
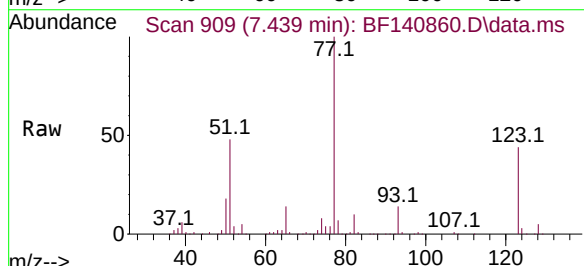
Tgt Ion: 77 Resp: 291463

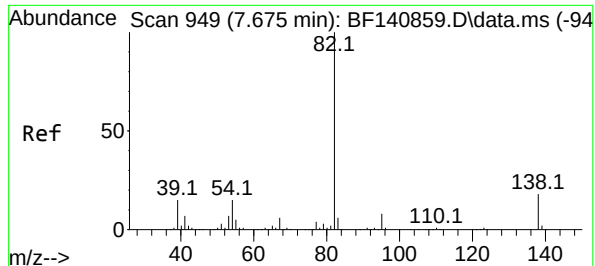
Ion Ratio Lower Upper

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

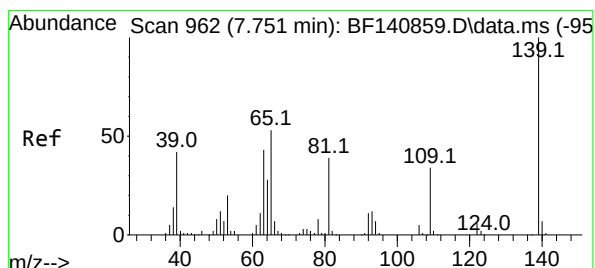
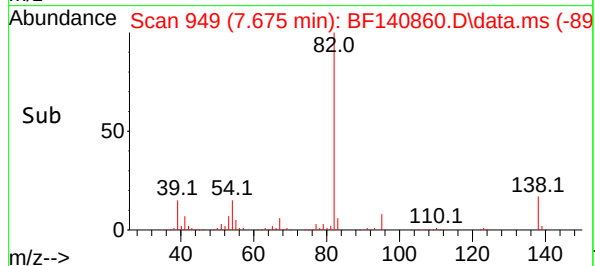
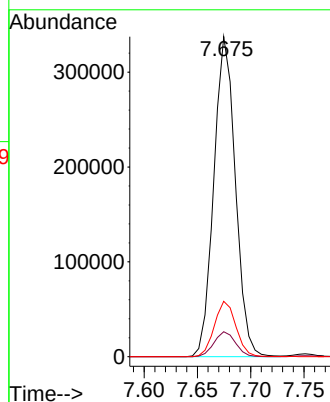
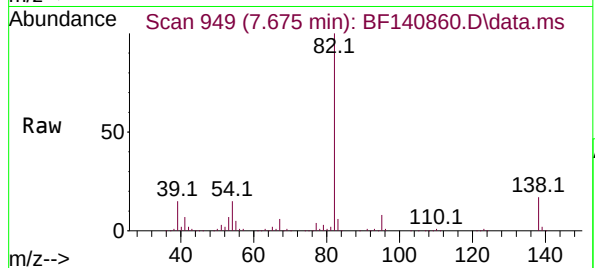
Tgt Ion: 82 Resp: 474812

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

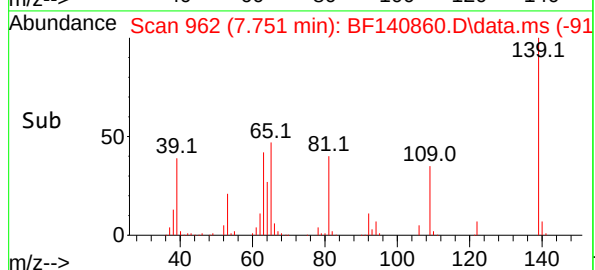
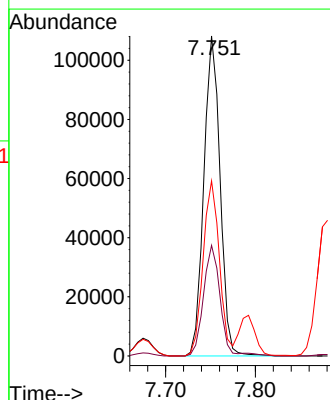
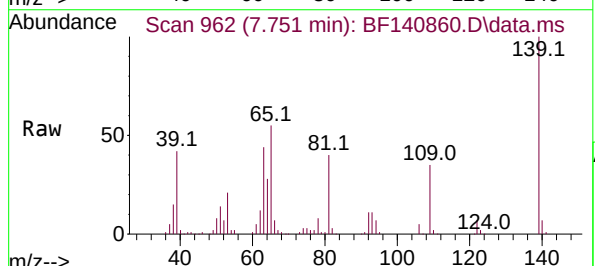
Tgt Ion:139 Resp: 136187

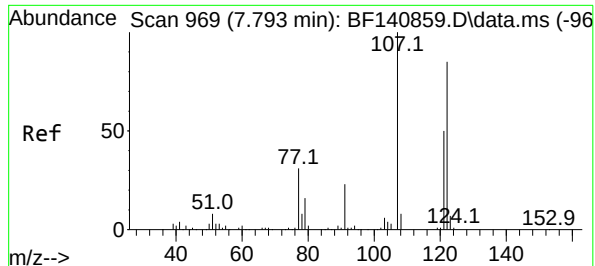
Ion Ratio Lower Upper

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# 90

Delta R.T. -0.000 min

Lab File: BF140860.D

Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

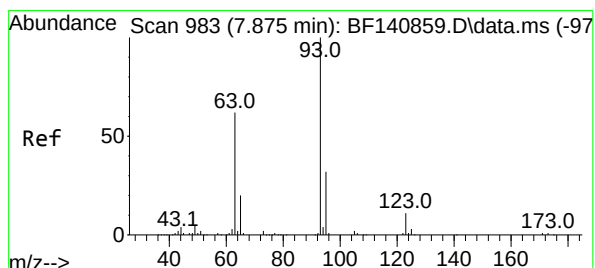
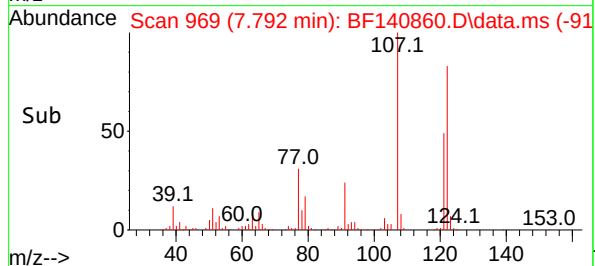
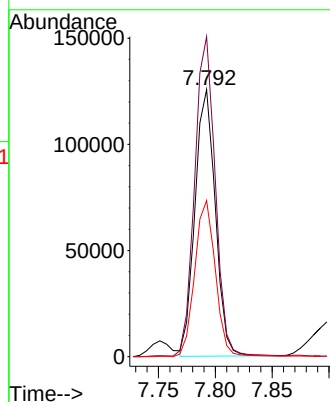
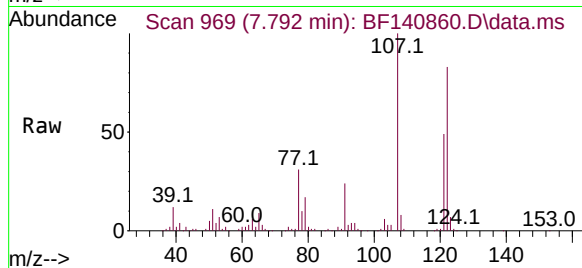
Tgt Ion:122 Resp: 156314

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

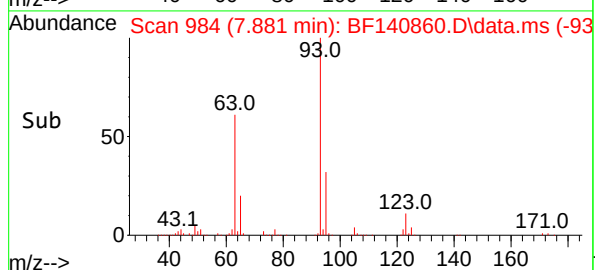
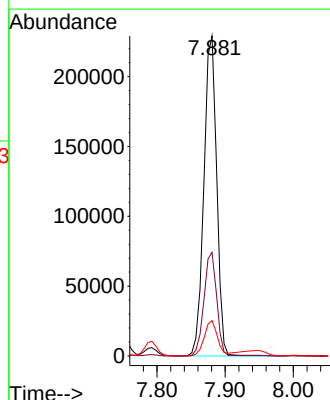
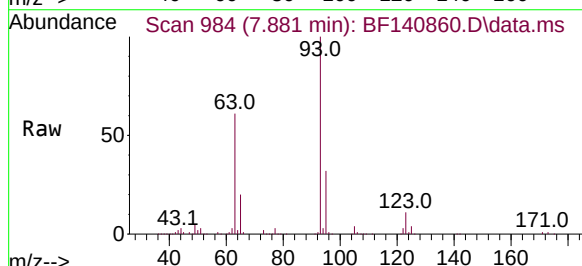
Tgt Ion: 93 Resp: 299078

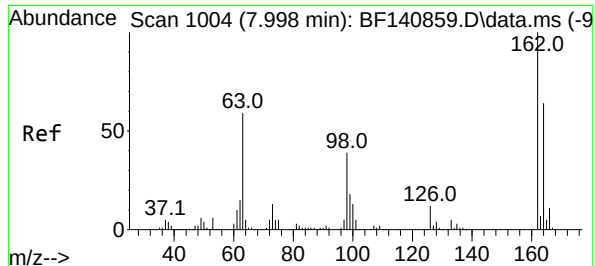
Ion Ratio Lower Upper

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

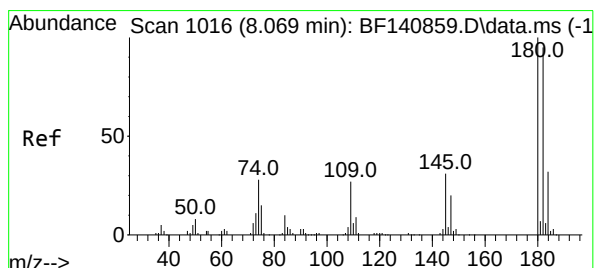
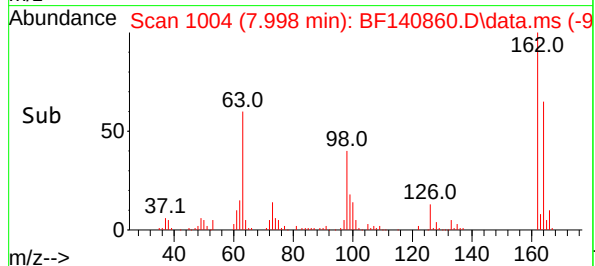
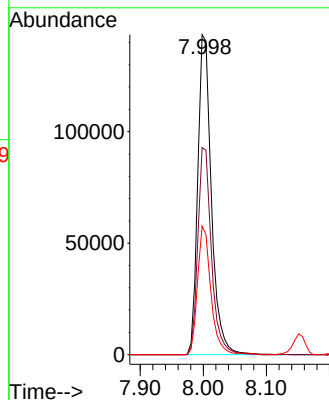
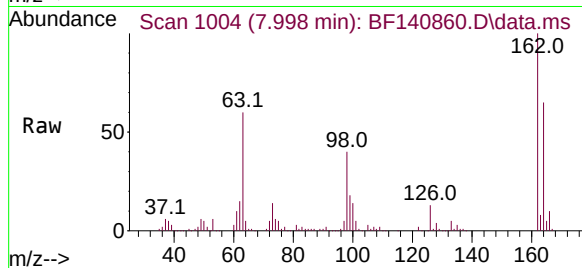
Tgt Ion:162 Resp: 215069

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

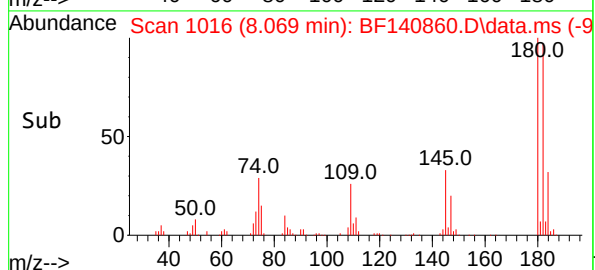
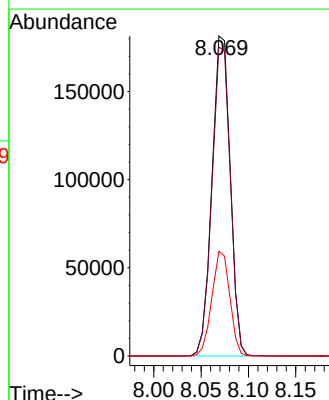
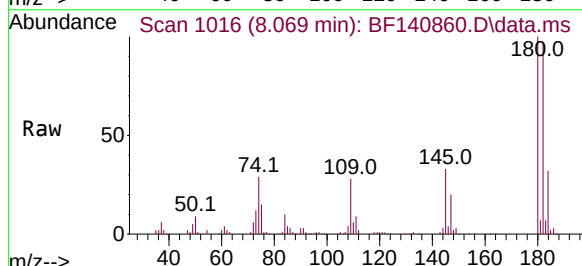
Tgt Ion:180 Resp: 244191

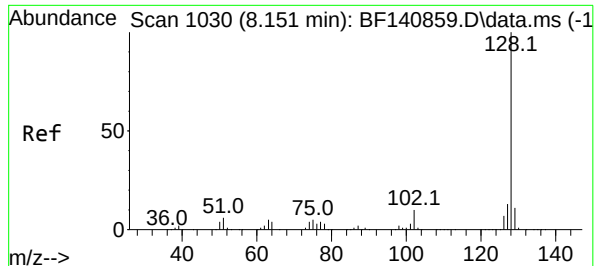
Ion Ratio Lower Upper

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

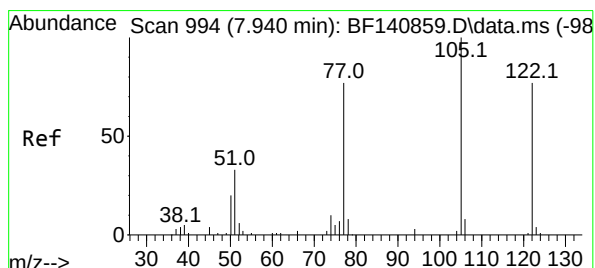
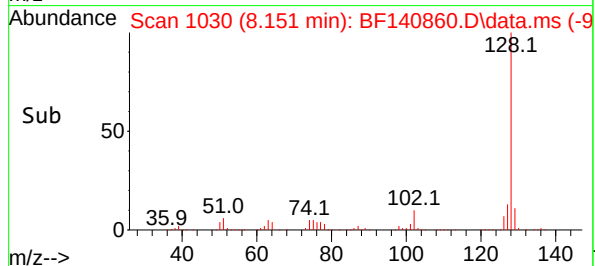
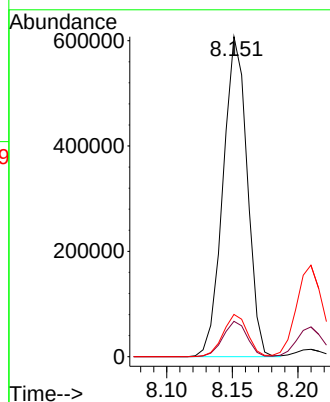
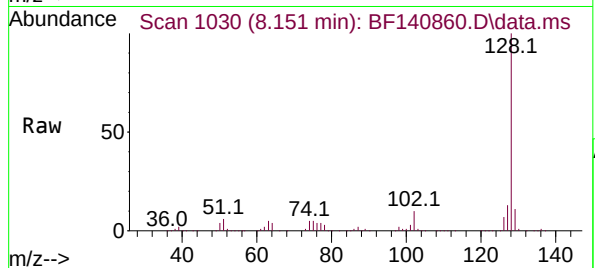
Tgt Ion:128 Resp: 779270

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

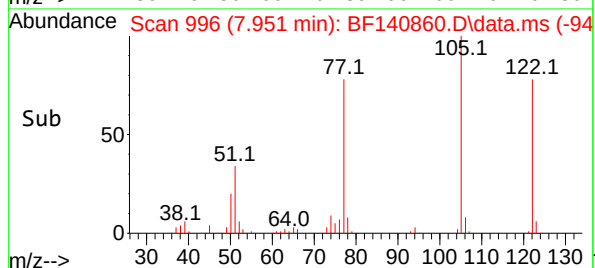
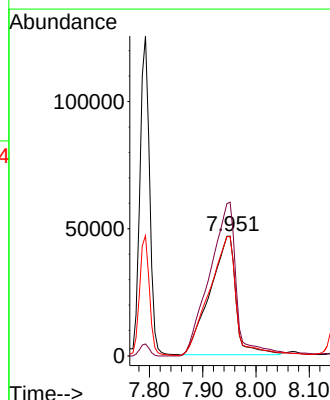
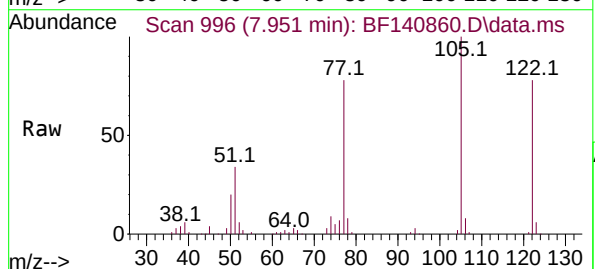
Tgt Ion:122 Resp: 157548

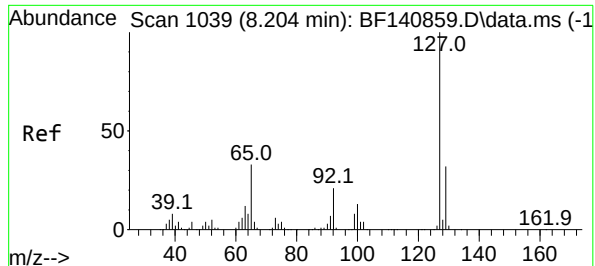
Ion Ratio Lower Upper

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

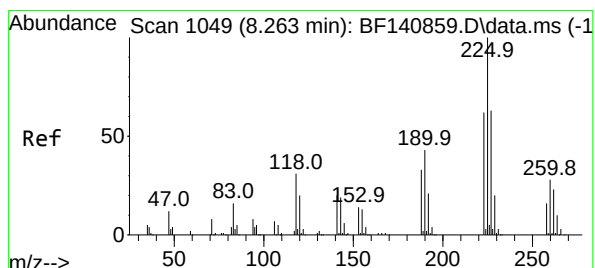
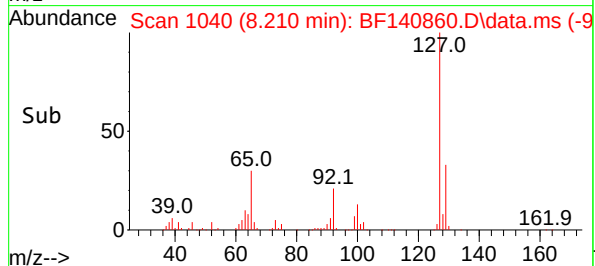
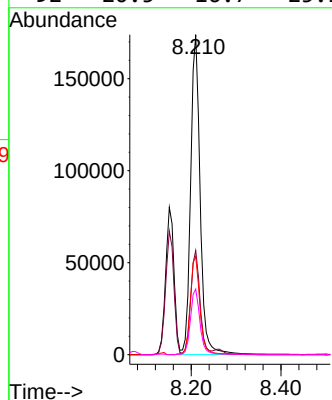
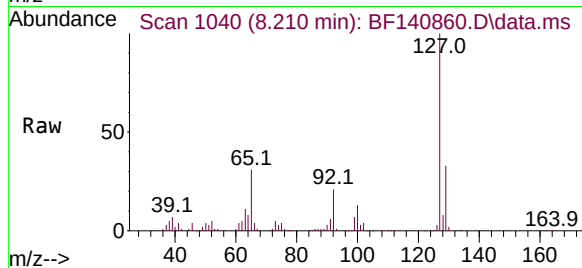
Ion Ratio Lower Upper

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

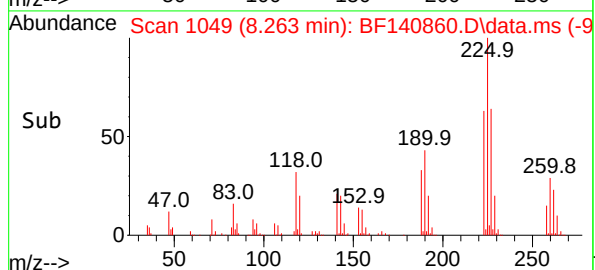
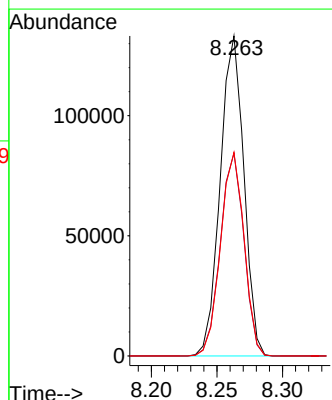
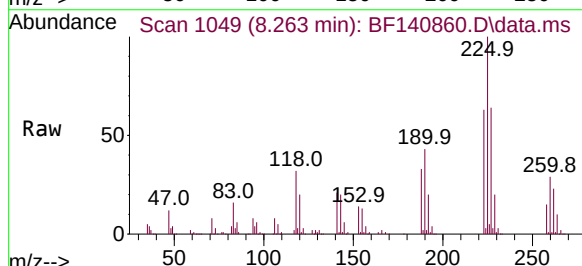
Tgt Ion:225 Resp: 166884

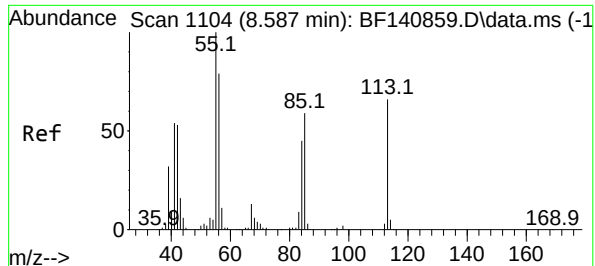
Ion Ratio Lower Upper

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

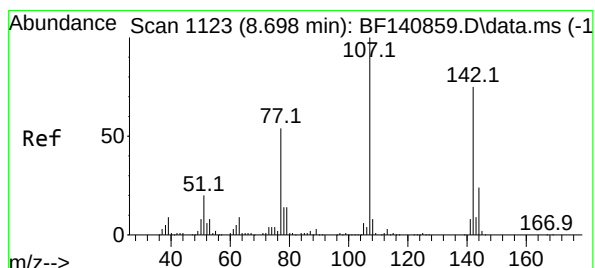
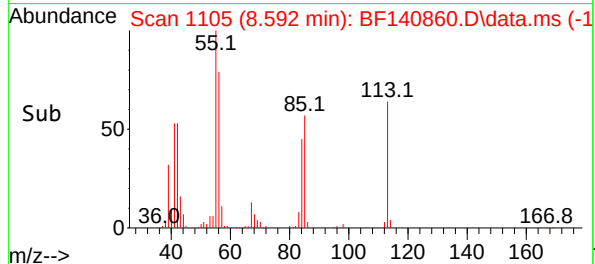
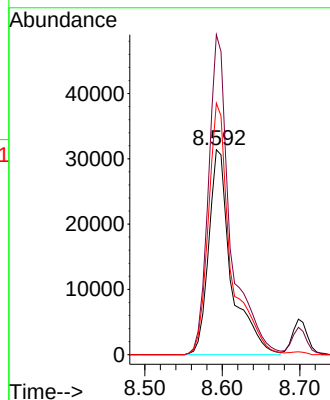
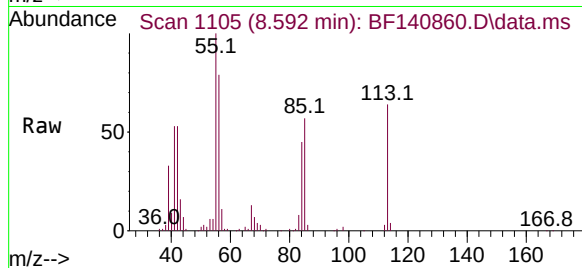
Tgt Ion:113 Resp: 63631

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

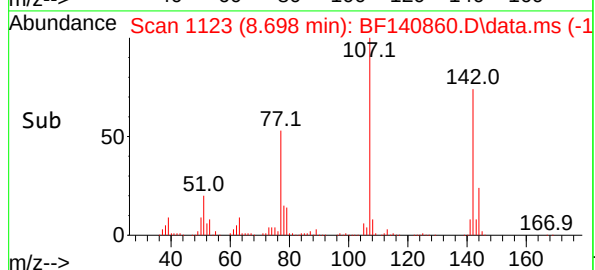
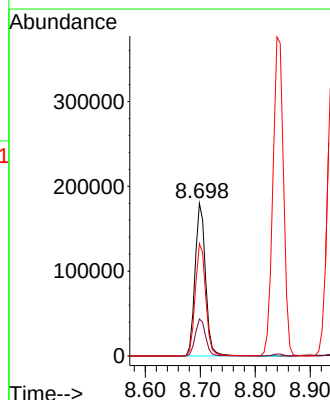
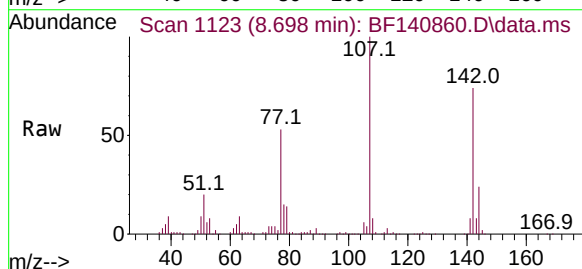
Tgt Ion:107 Resp: 237414

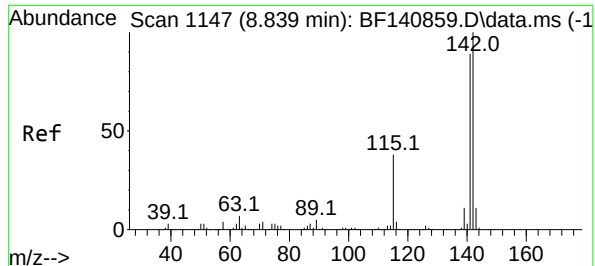
Ion Ratio Lower Upper

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 :

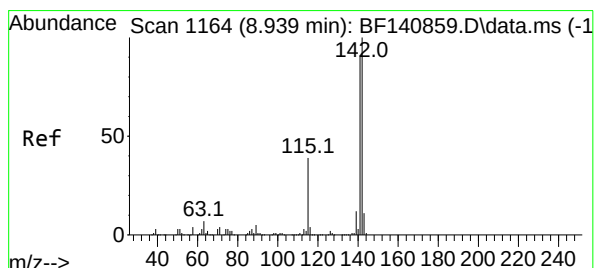
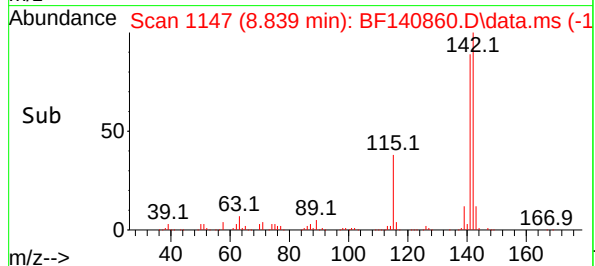
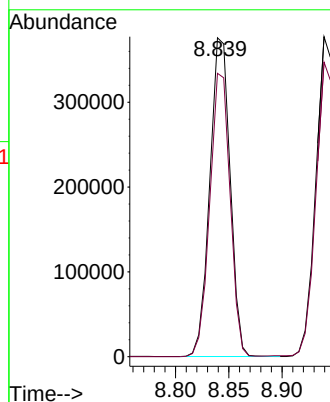
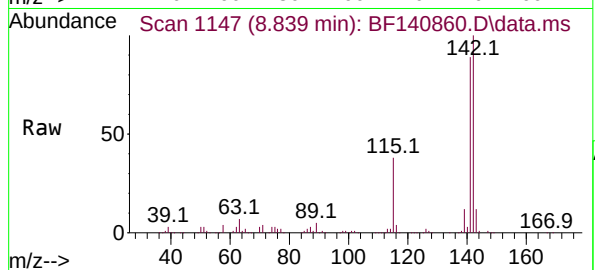
SSTDICC050

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

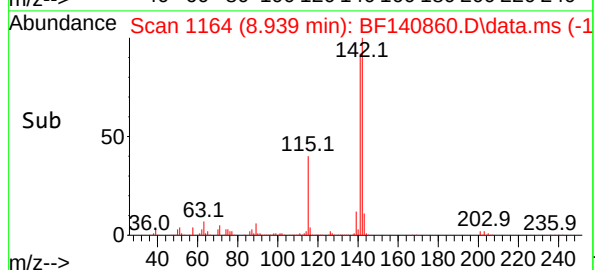
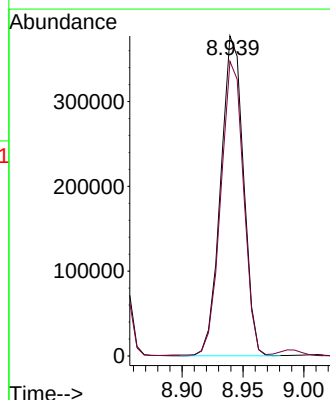
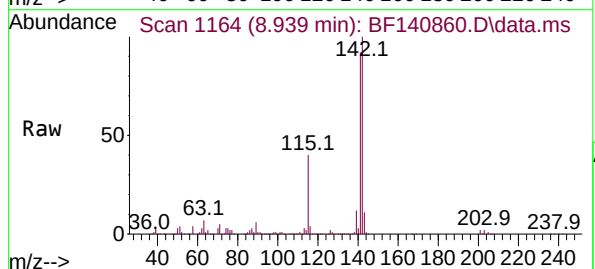
Acq: 16 Dec 2024 15:23

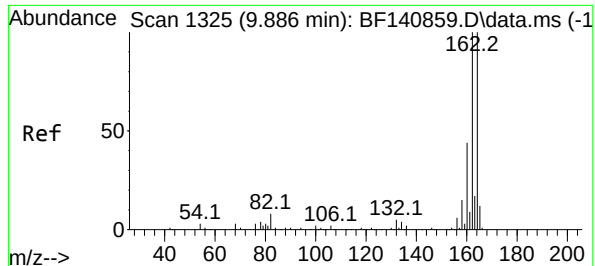
Tgt Ion:142 Resp: 490420

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.0

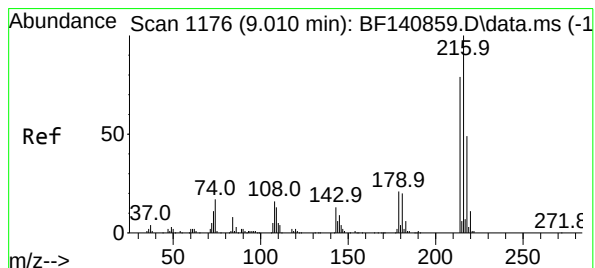
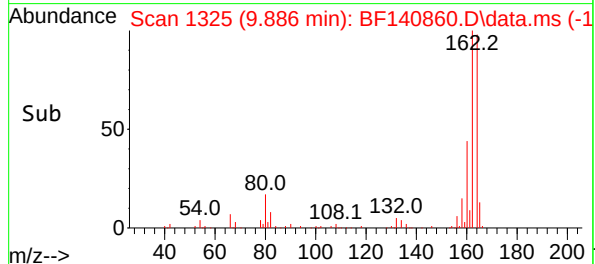
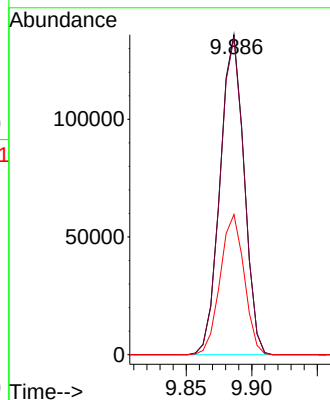
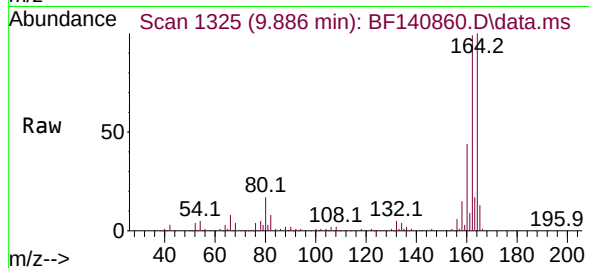




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

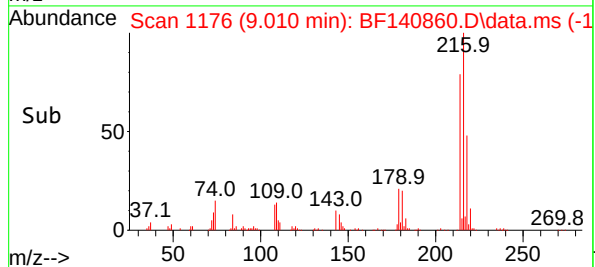
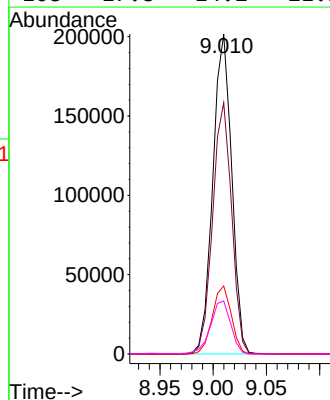
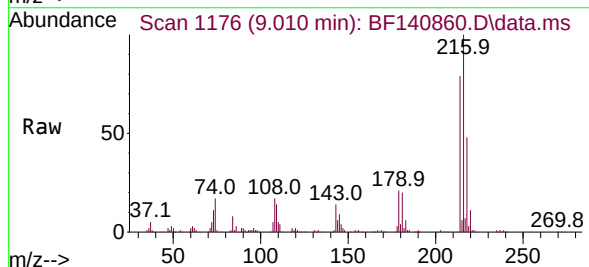
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

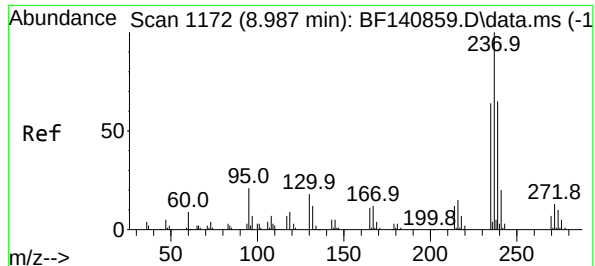
Tgt Ion:164 Resp: 172713
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.8 35.2 52.8



#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

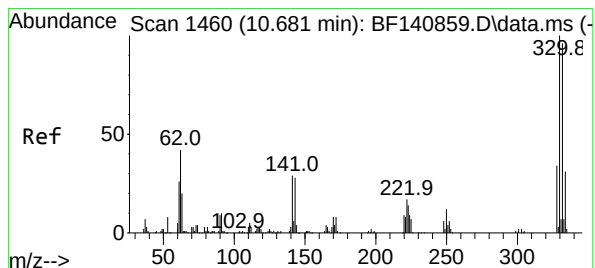
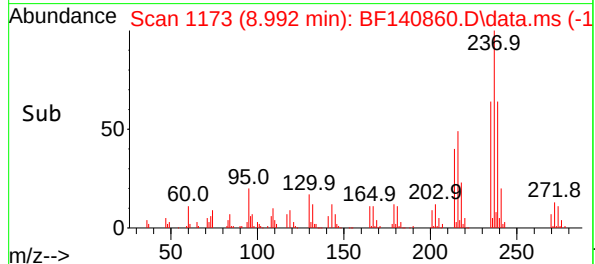
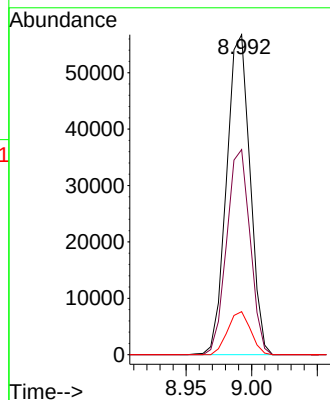
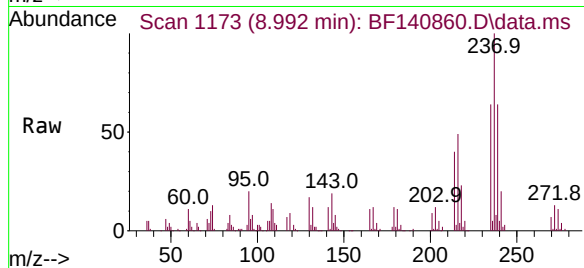




#41
Hexachlorocyclopentadiene
Concen: 50.029 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

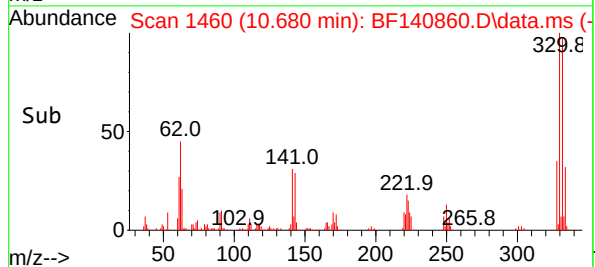
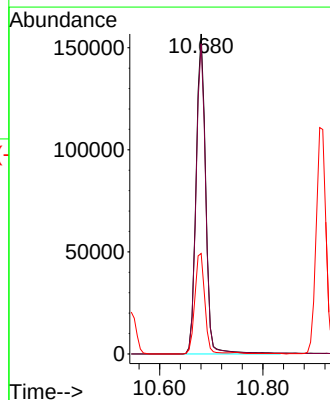
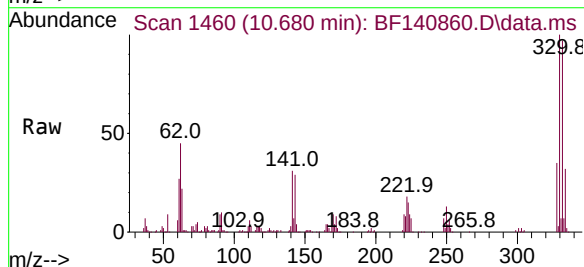
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

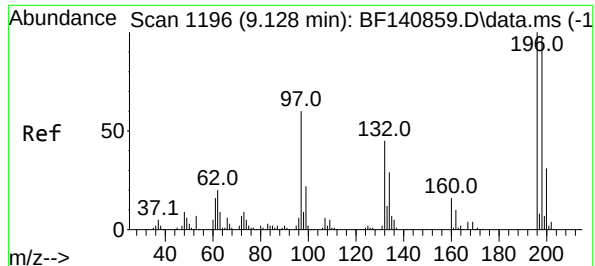
Tgt Ion:237 Resp: 70543
Ion Ratio Lower Upper
237 100
235 64.1 43.7 83.7
272 13.5 0.0 32.9



#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

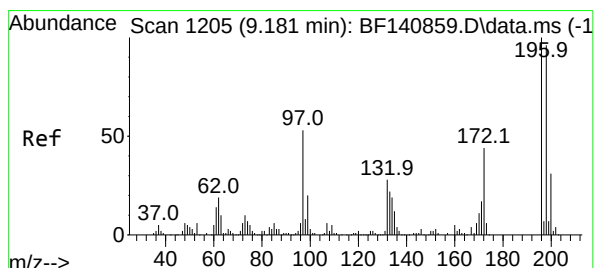
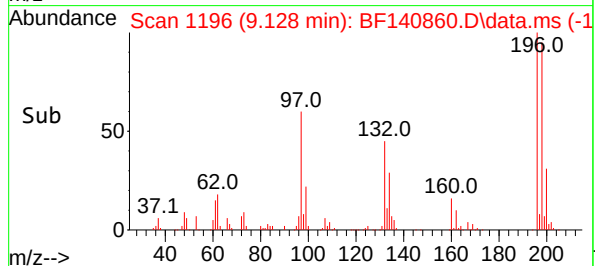
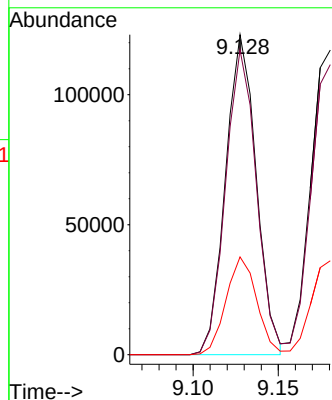
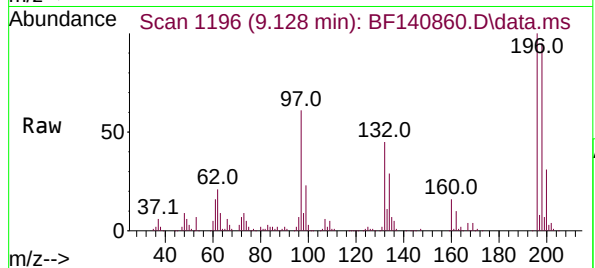
Tgt Ion:196 Resp: 154361

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

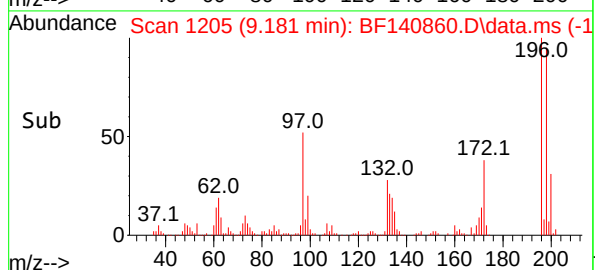
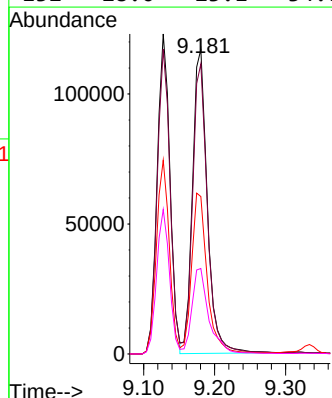
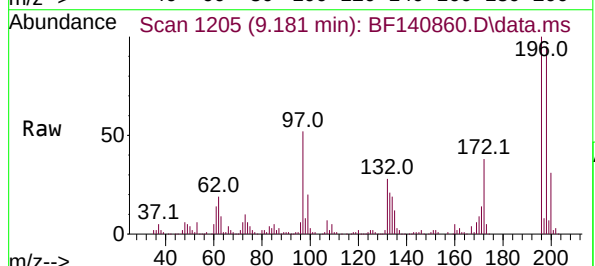
Ion Ratio Lower Upper

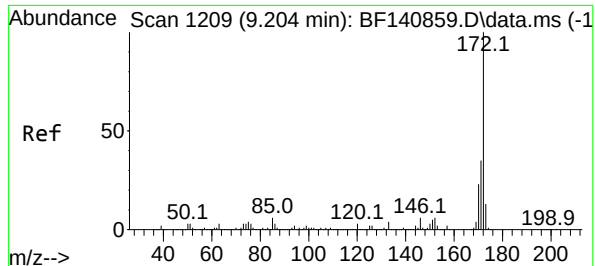
196 100

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

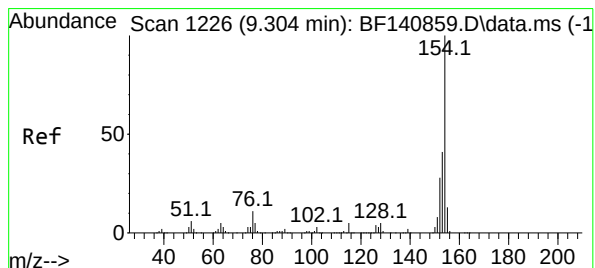
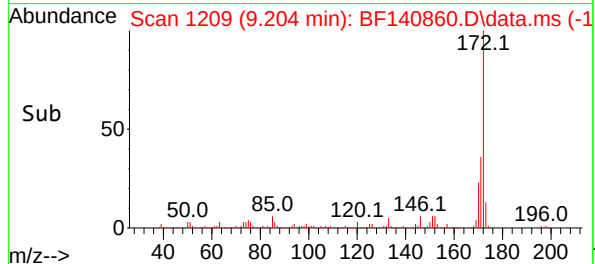
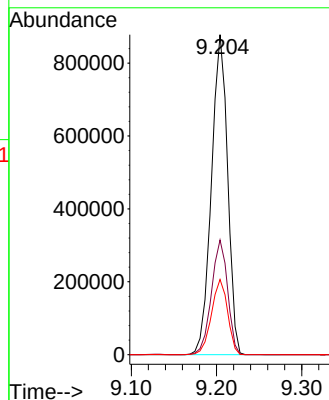
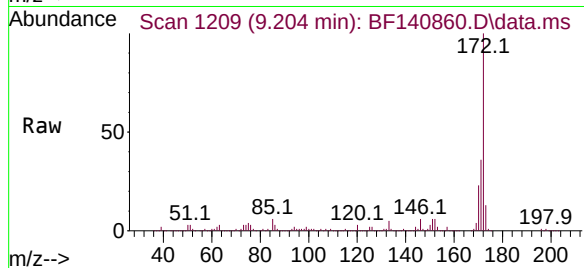
Tgt Ion:172 Resp: 1161315

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

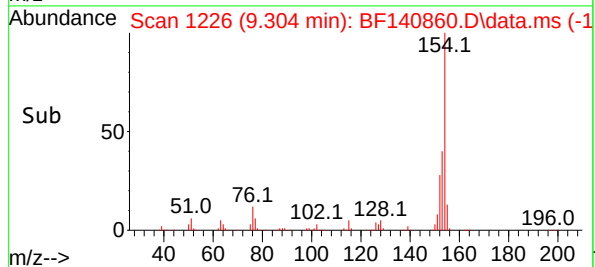
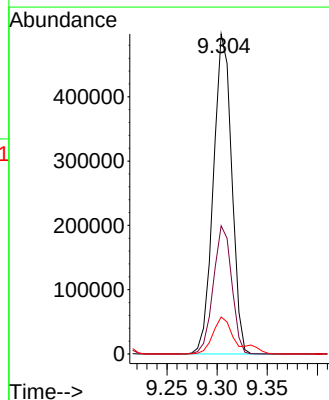
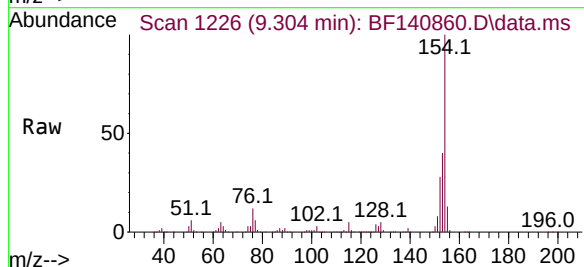
Tgt Ion:154 Resp: 631768

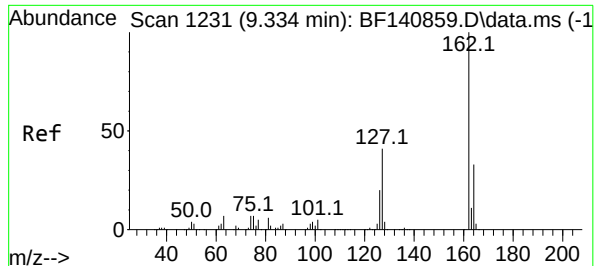
Ion Ratio Lower Upper

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

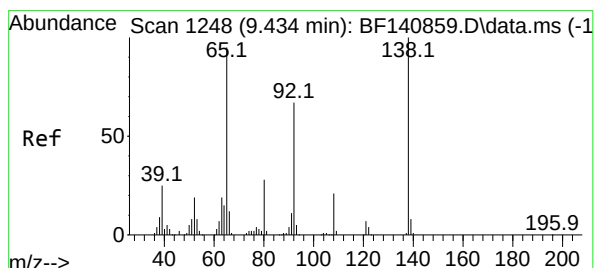
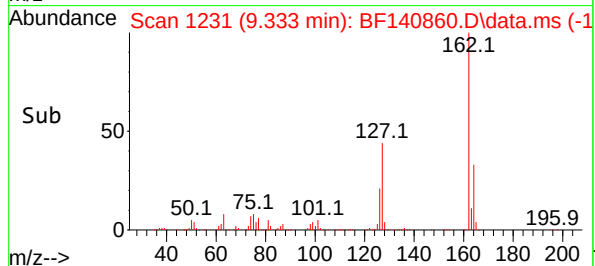
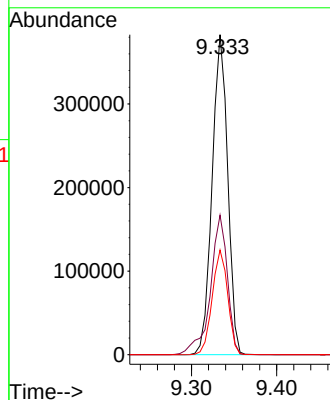
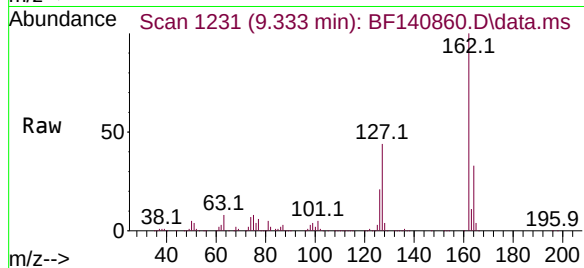
Tgt Ion:162 Resp: 485339

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

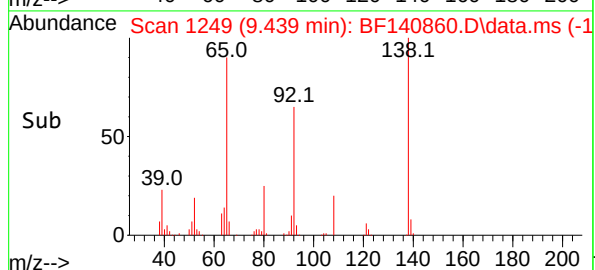
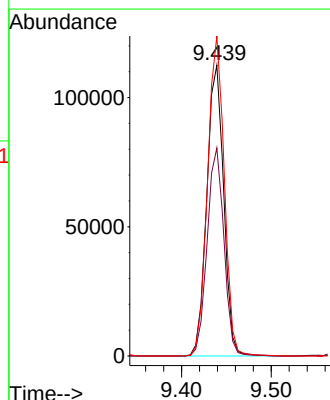
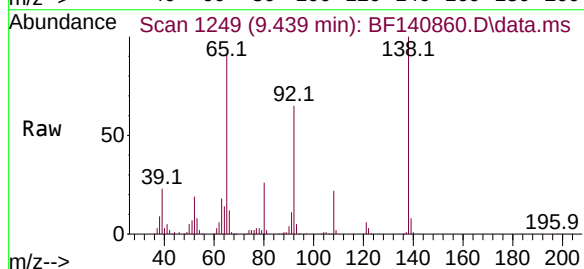
Tgt Ion: 65 Resp: 147104

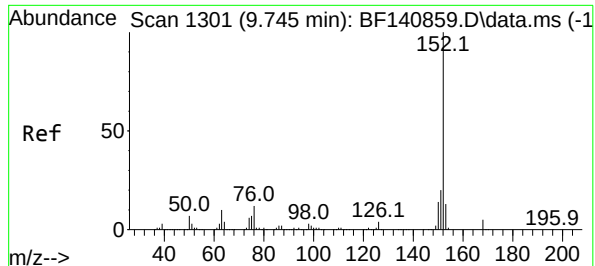
Ion Ratio Lower Upper

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

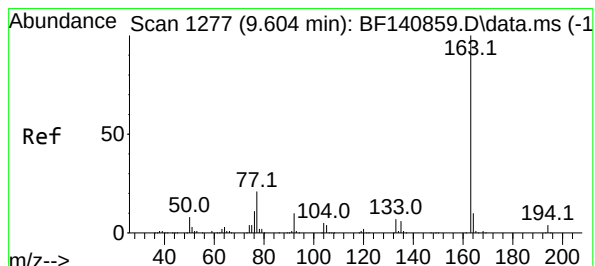
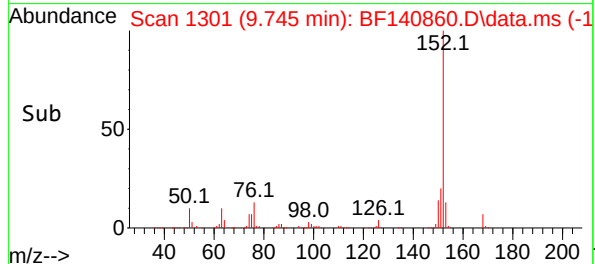
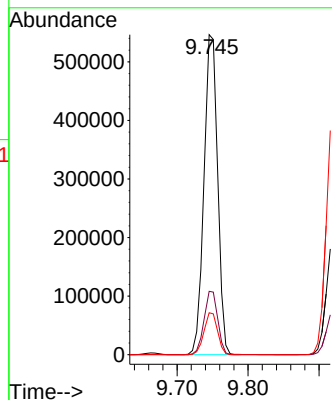
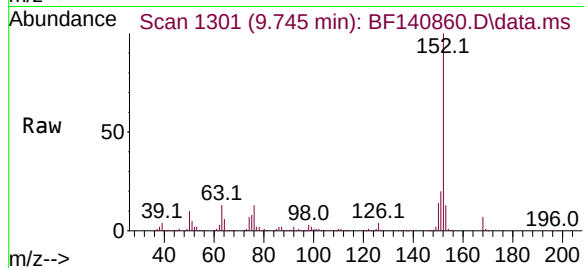
Tgt Ion:152 Resp: 732431

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

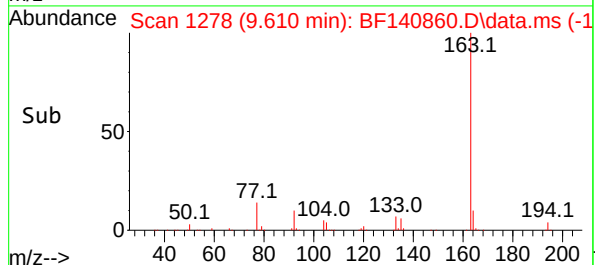
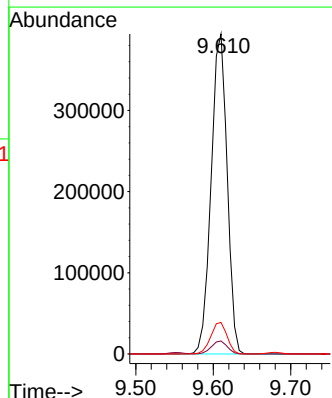
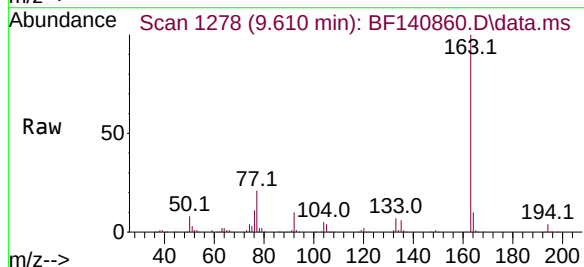
Tgt Ion:163 Resp: 564903

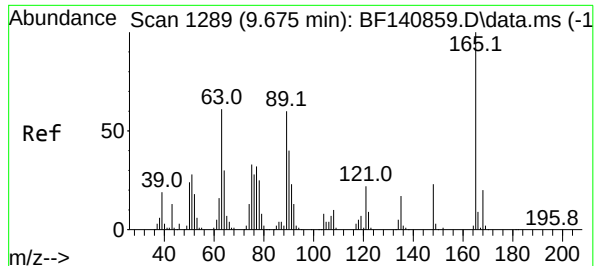
Ion Ratio Lower Upper

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

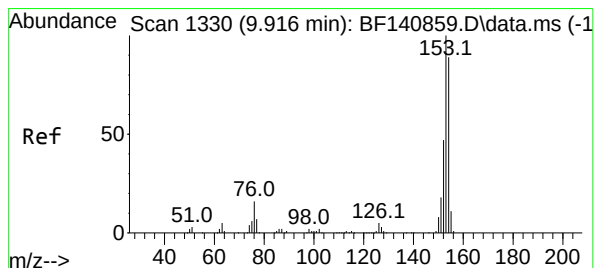
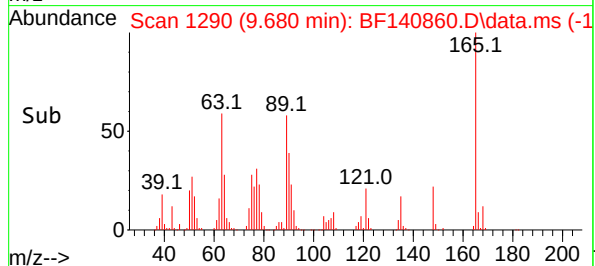
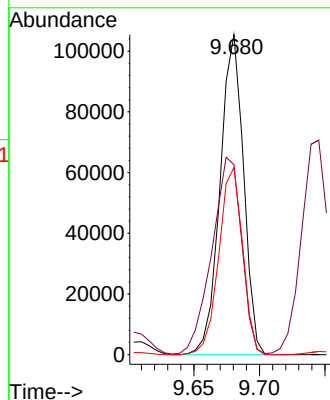
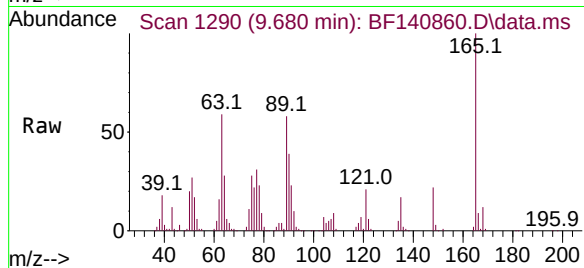
Tgt Ion:165 Resp: 130941

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

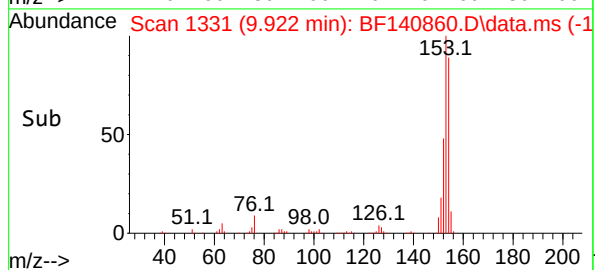
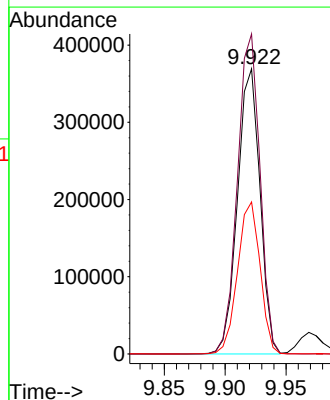
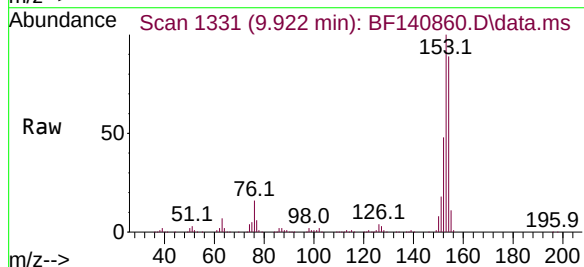
Tgt Ion:154 Resp: 475150

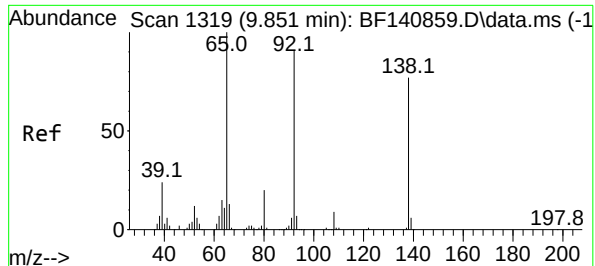
Ion Ratio Lower Upper

154 100

153 112.2 89.9 134.9

152 53.3 42.6 63.8

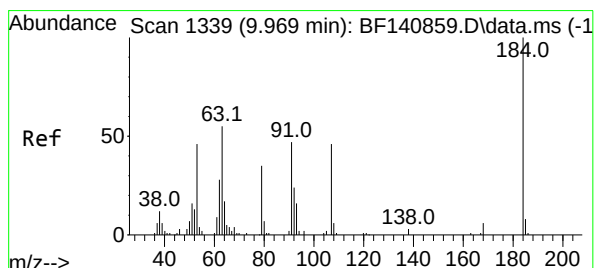
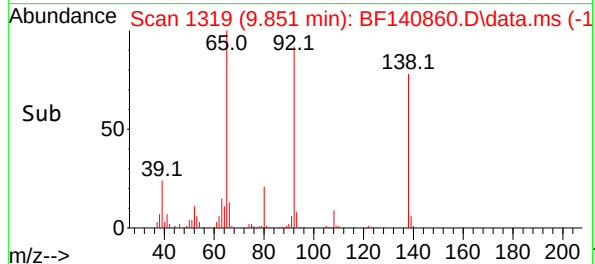
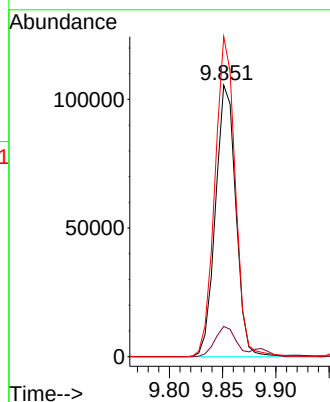
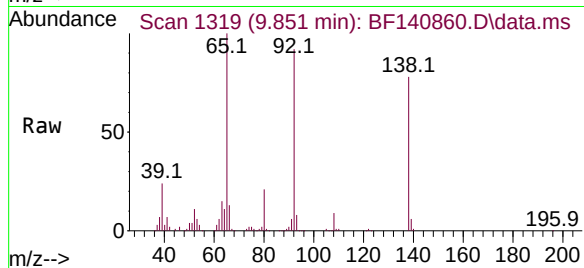




#53
3-Nitroaniline
Concen: 50.732 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

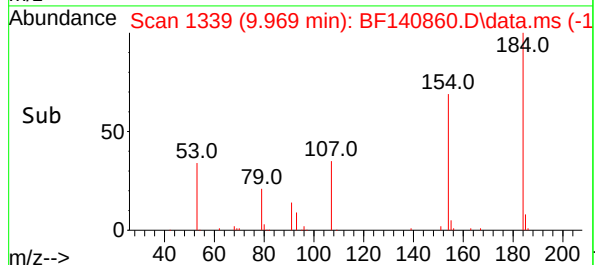
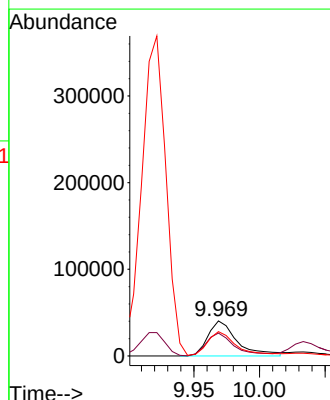
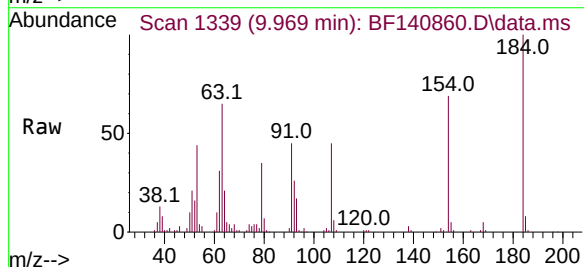
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

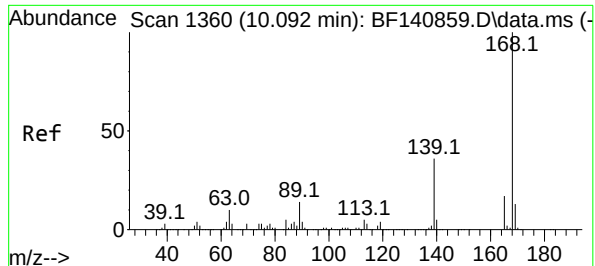
Tgt Ion:138 Resp: 140148
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 117.8 95.5 143.3



#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

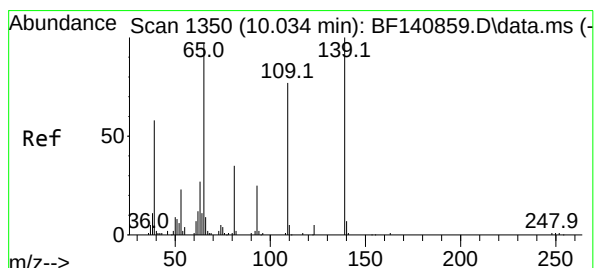
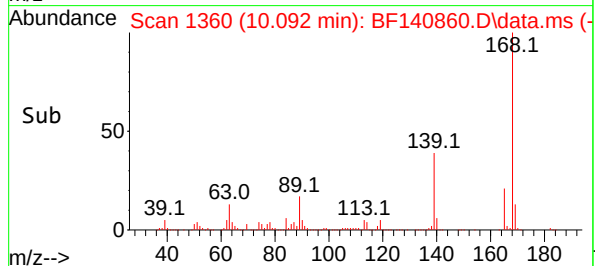
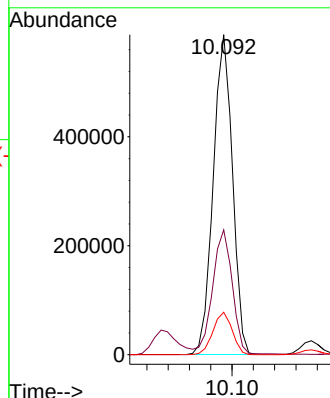
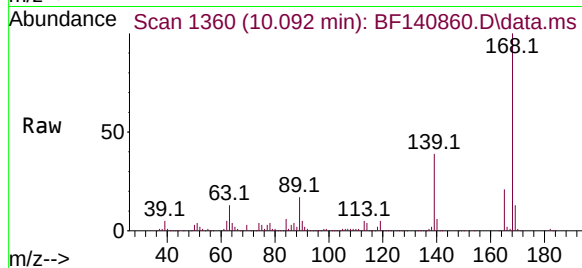
Tgt Ion:168 Resp: 736252

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

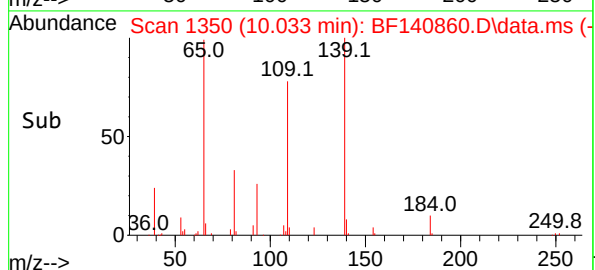
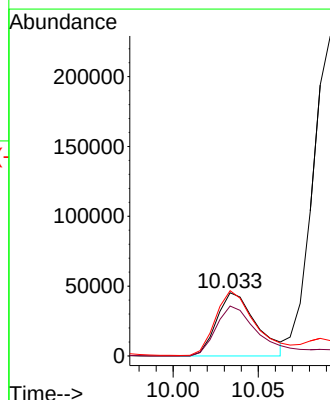
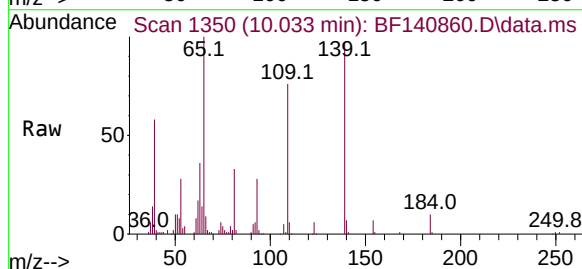
Tgt Ion:139 Resp: 72965

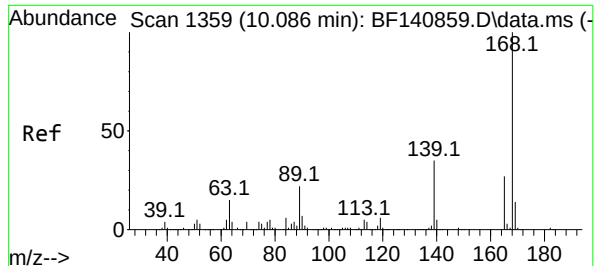
Ion Ratio Lower Upper

139 100

109 78.9 56.7 96.7

65 103.3 78.1 118.1

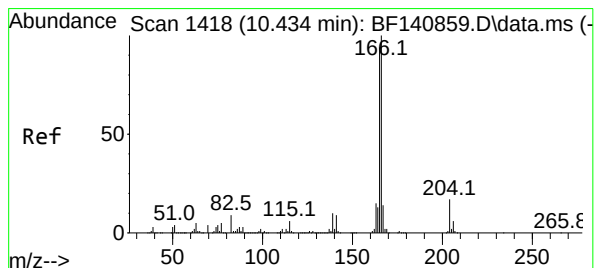
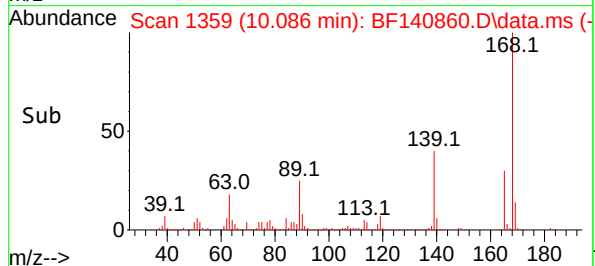
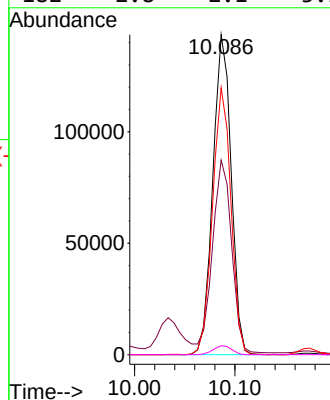
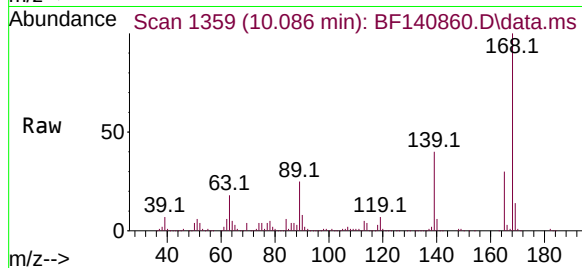




#57
2,4-Dinitrotoluene
Concen: 49.679 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

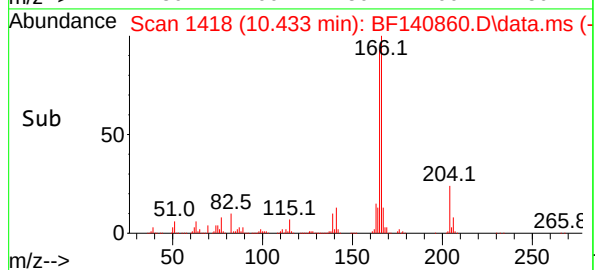
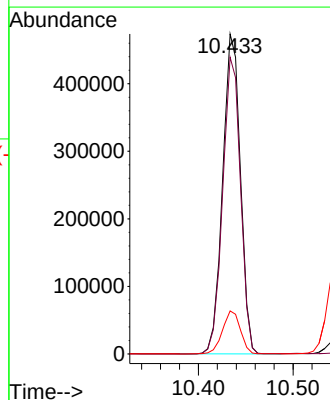
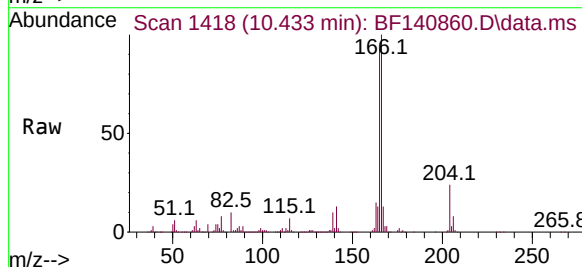
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

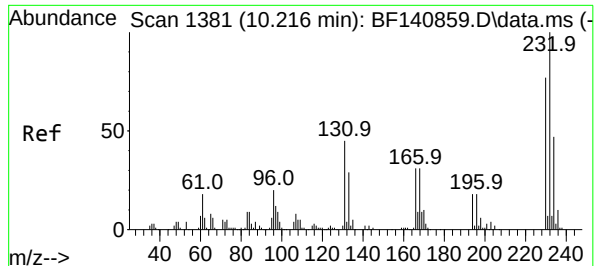
Tgt Ion:165 Resp: 181952
Ion Ratio Lower Upper
165 100
63 60.8 49.3 73.9
89 83.4 66.2 99.4
182 2.8 2.1 3.1



#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

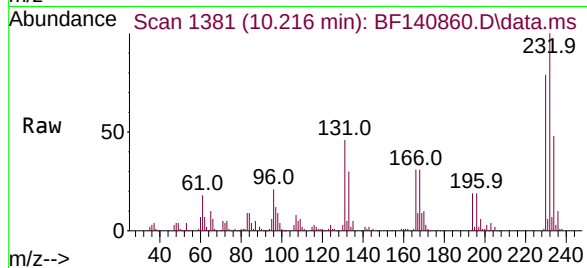
Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:232 Resp: 153671

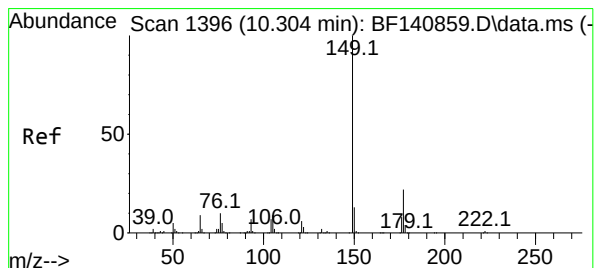
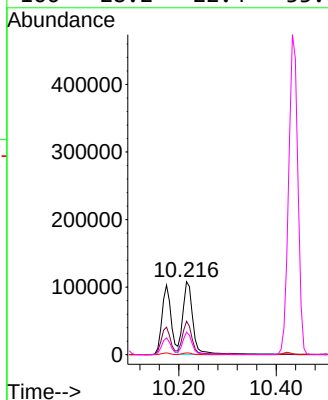
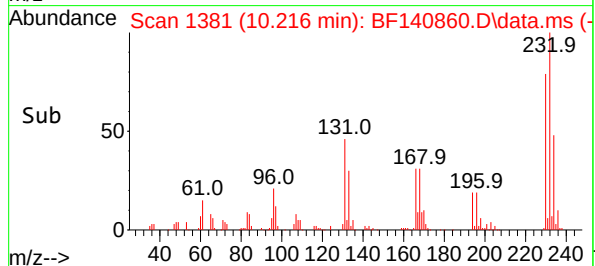
Ion Ratio Lower Upper

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

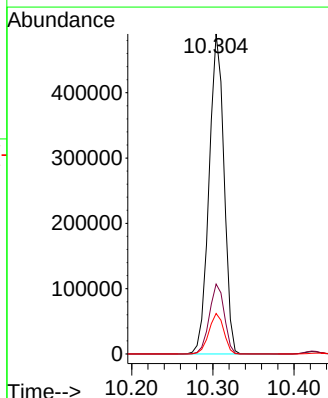
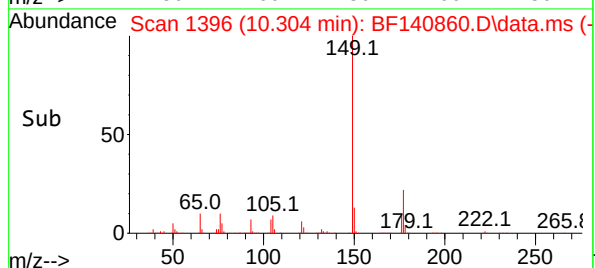
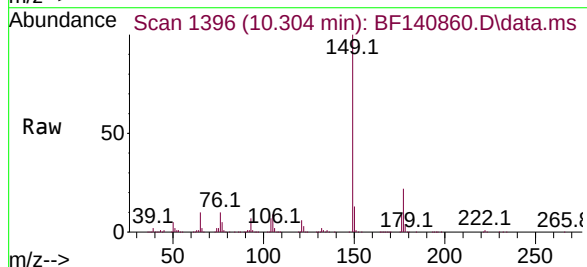
Tgt Ion:149 Resp: 624564

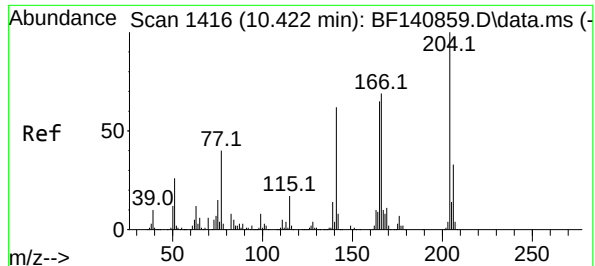
Ion Ratio Lower Upper

149 100

177 21.9 17.2 25.8

150 12.7 10.1 15.1

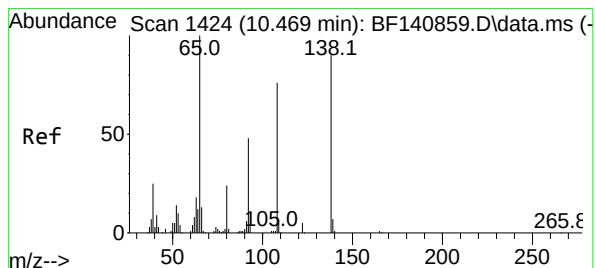
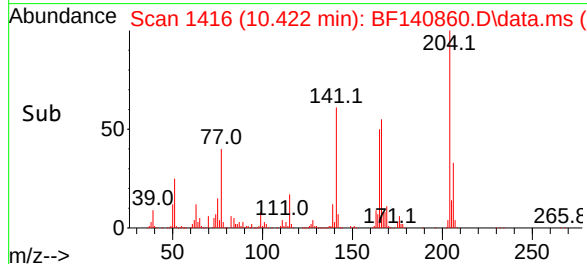
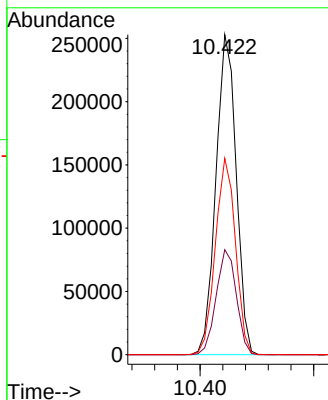
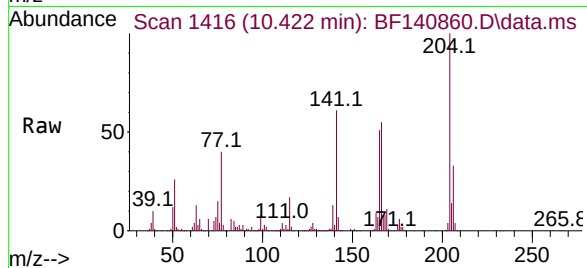




#61
4-Chlorophenyl-phenylether
Concen: 49.574 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

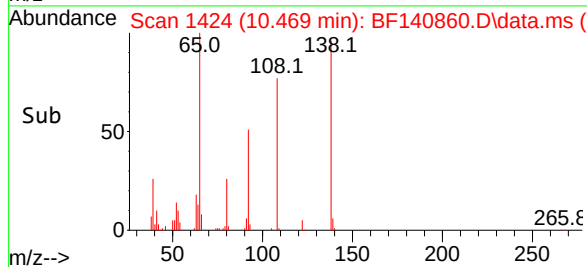
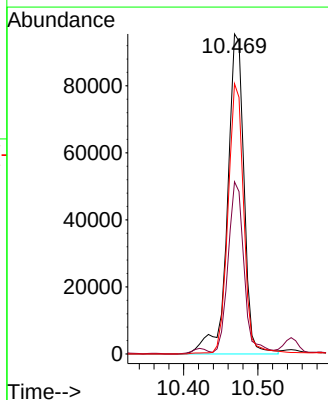
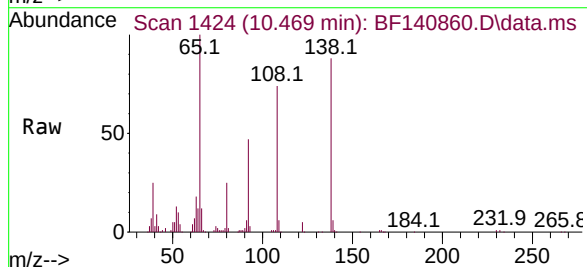
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

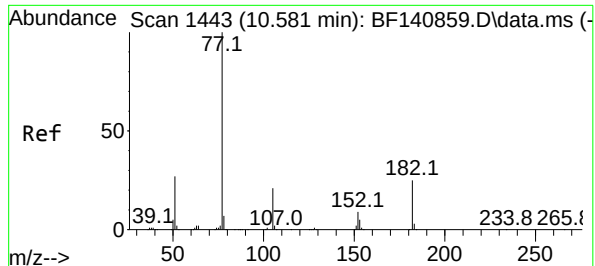
Tgt Ion:204 Resp: 313978
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.3 50.0 75.0



#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

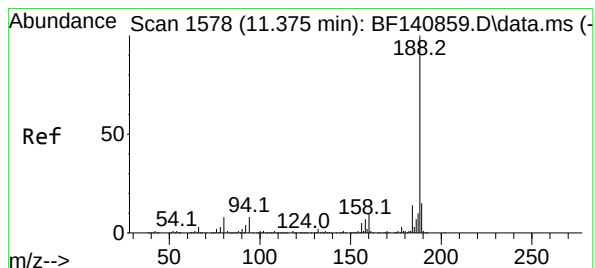
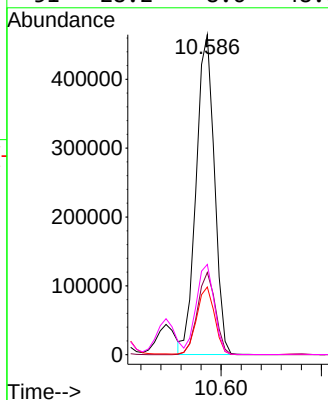
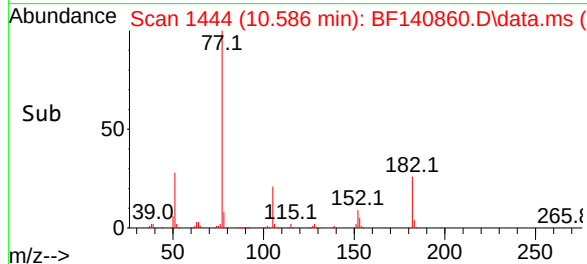
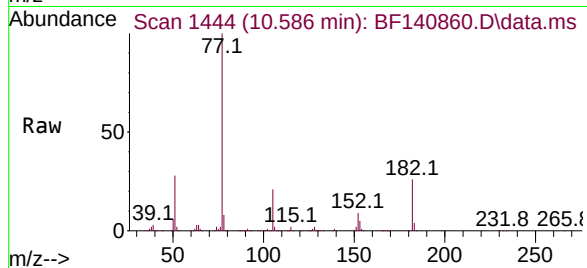




#63
Azobenzene
Concen: 49.412 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

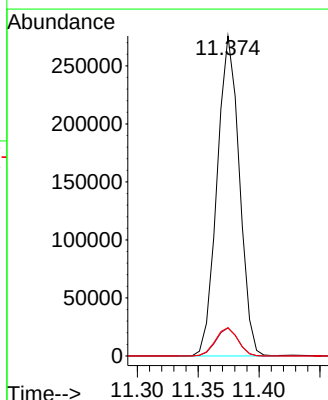
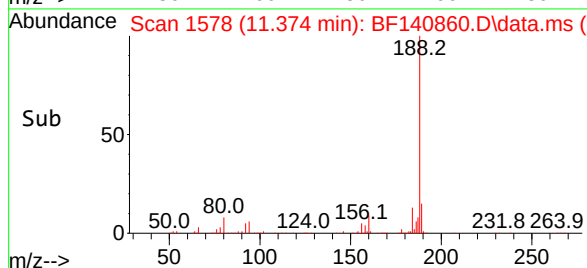
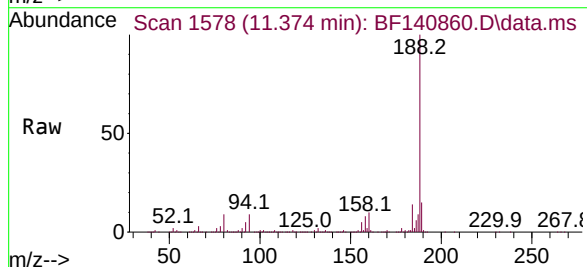
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

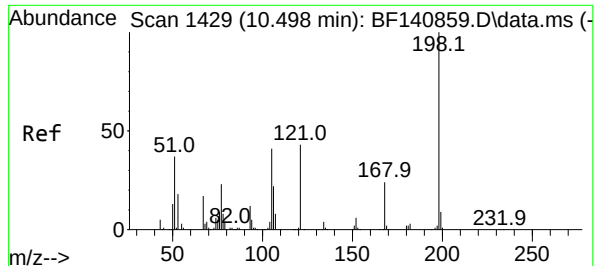
Tgt Ion: 77	Resp: 586556
Ion Ratio	Lower Upper
77 100	
182 25.7	4.5 44.5
105 21.1	0.9 40.9
51 28.2	8.6 48.6



#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

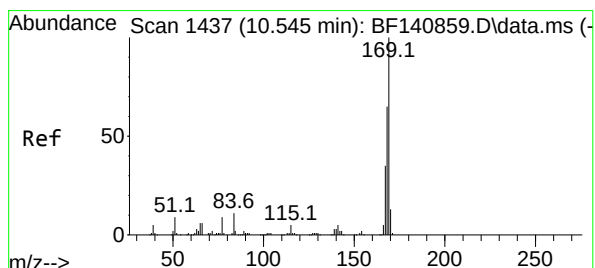
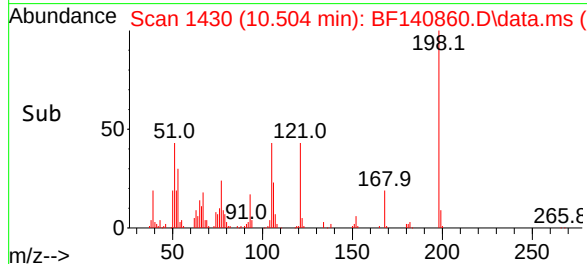
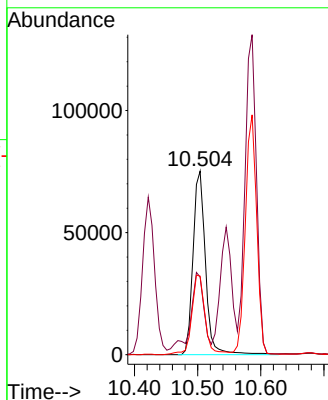
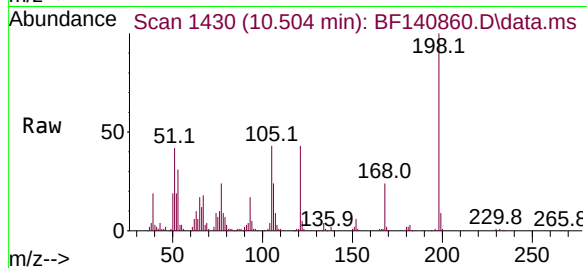




#65
4,6-Dinitro-2-methylphenol
Concen: 51.936 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

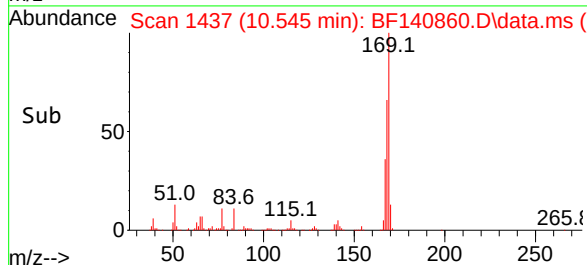
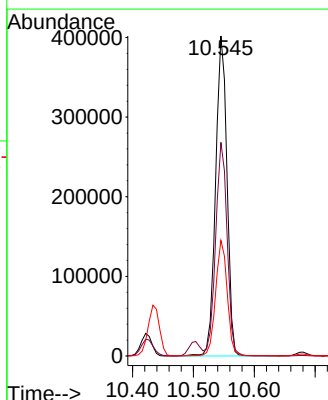
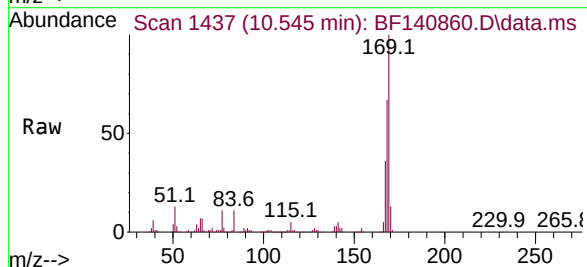
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

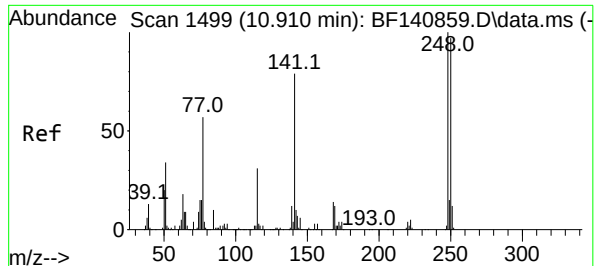
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.3	24.4	64.4
105	42.8	22.1	62.1



#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	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.0
167	36.1	28.3	42.5

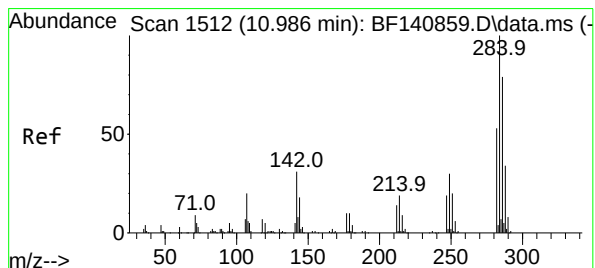
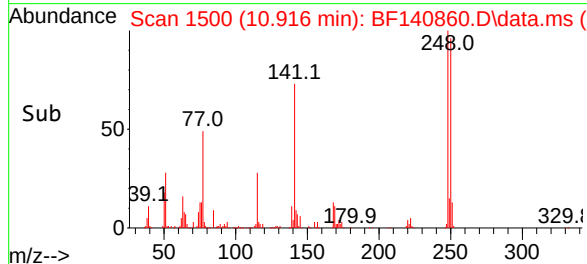
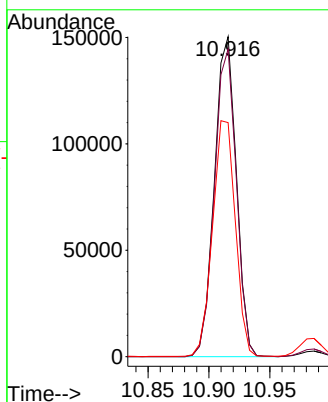
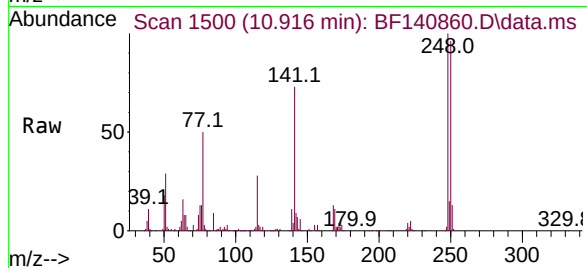




#67
4-Bromophenyl-phenylether
Concen: 47.888 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

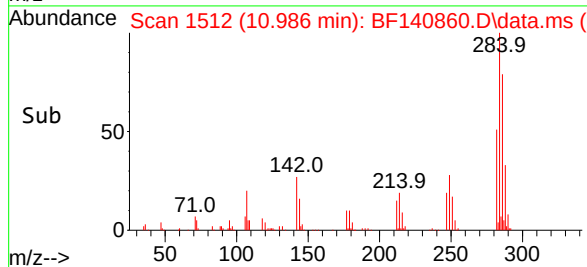
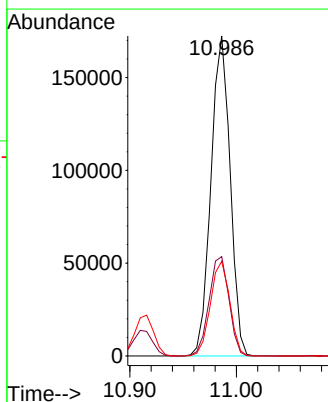
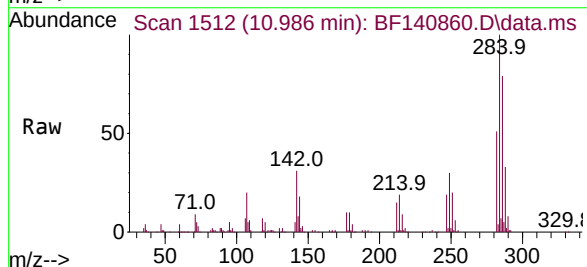
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

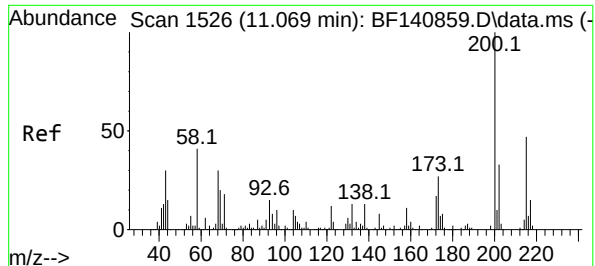
Tgt Ion:248 Resp: 188429
Ion Ratio Lower Upper
248 100
250 96.1 77.4 116.2
141 73.1 62.9 94.3



#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

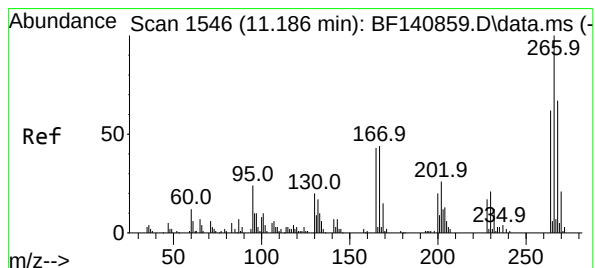
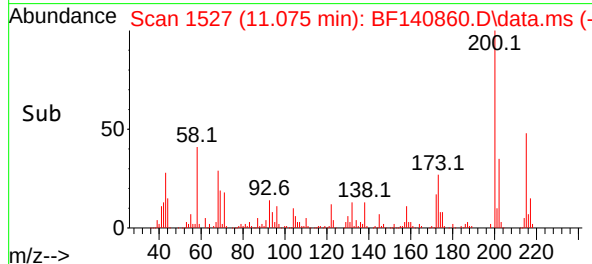
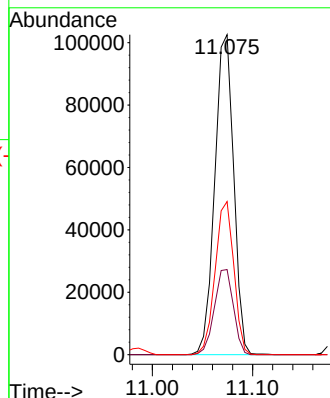
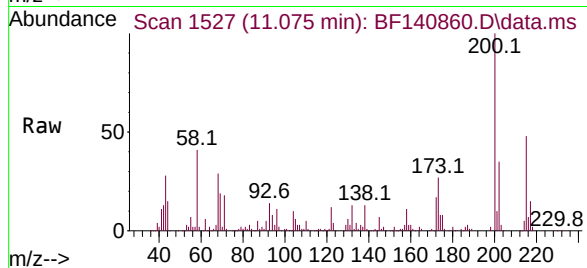




#69
Atrazine
Concen: 44.493 ng
RT: 11.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

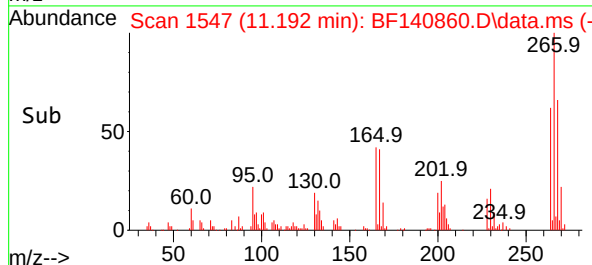
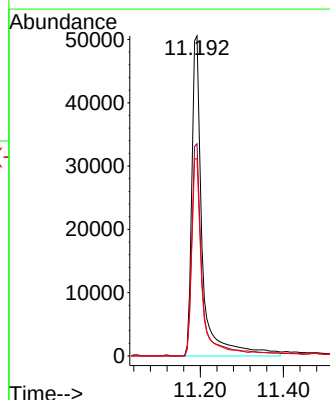
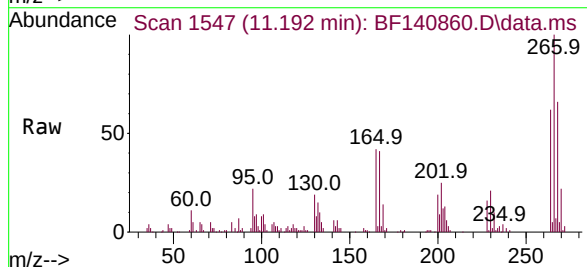
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

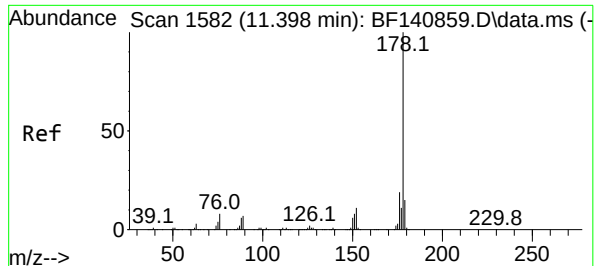
Tgt Ion:200 Resp: 134376
Ion Ratio Lower Upper
200 100
173 26.6 6.6 46.6
215 47.8 26.7 66.7



#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

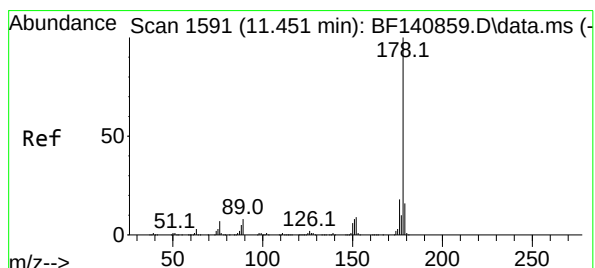
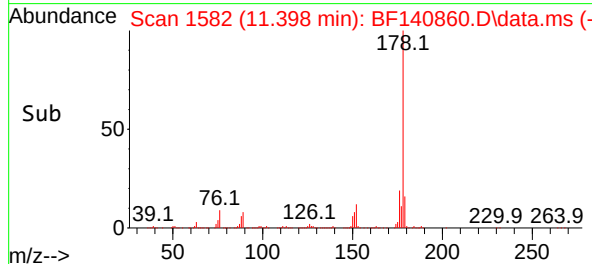
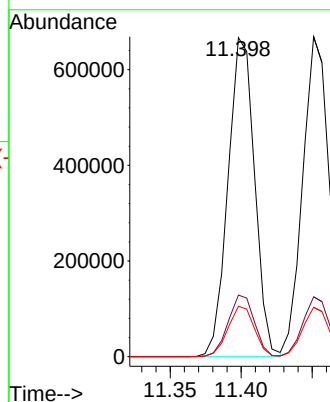
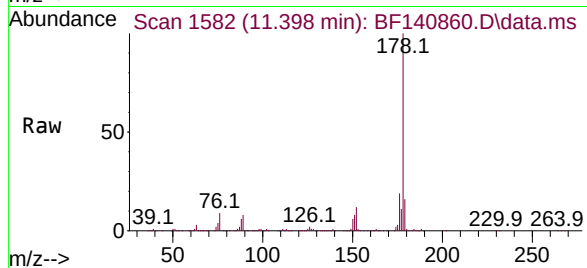




#71
Phenanthrene
Concen: 48.009 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

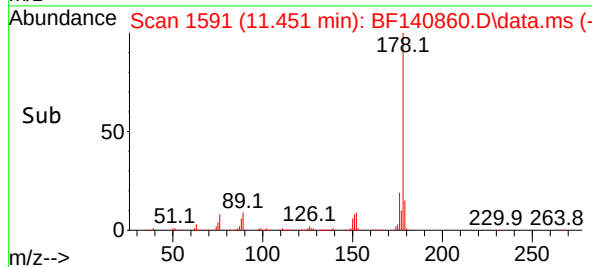
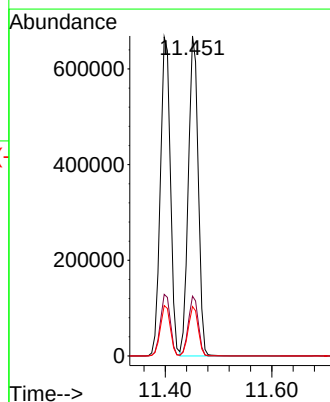
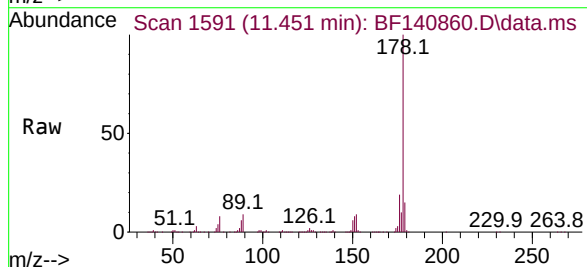
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

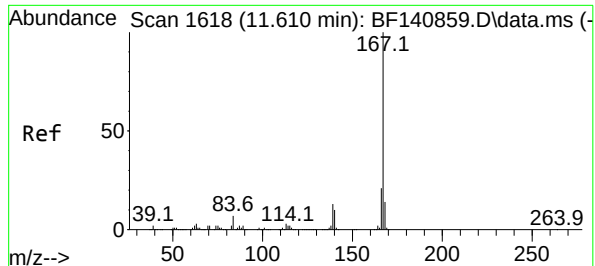
Tgt Ion:178 Resp: 868333
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.1 18.1



#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

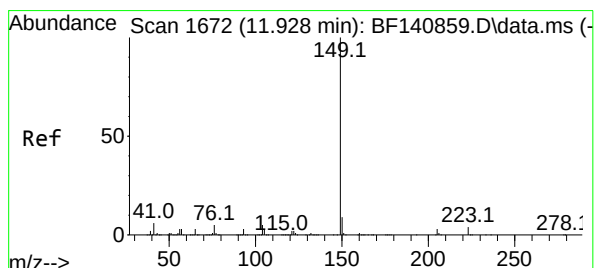
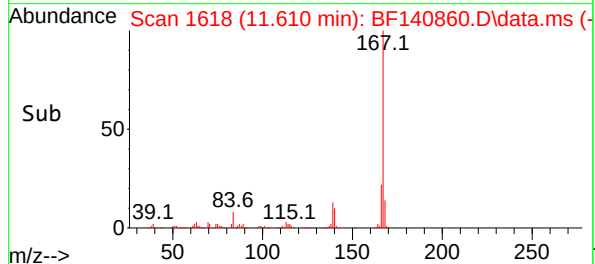
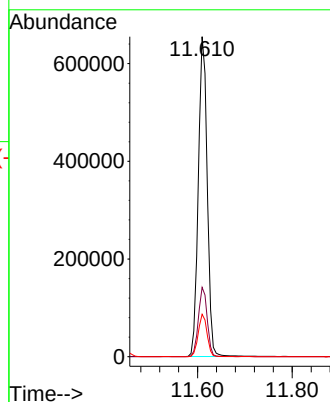
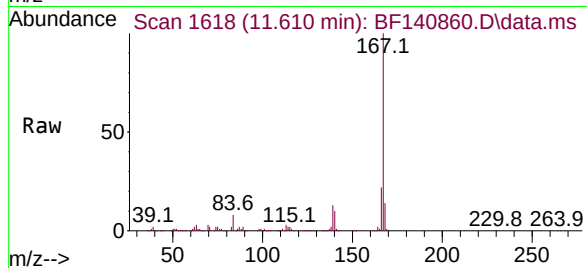




#73
Carbazole
Concen: 48.990 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

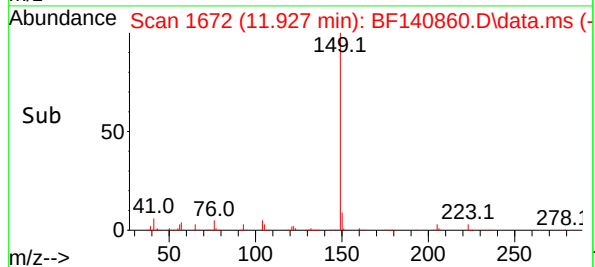
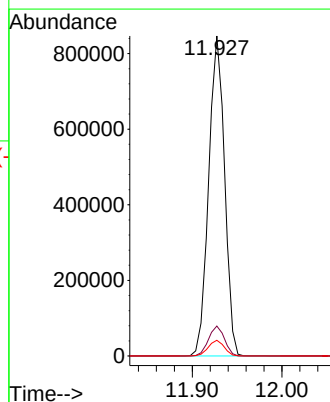
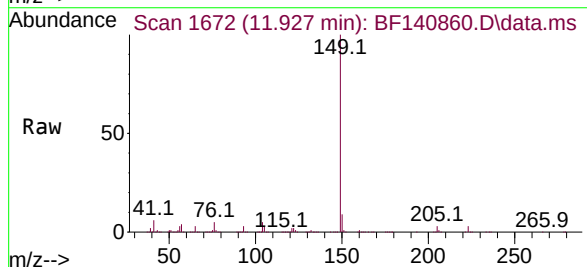
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

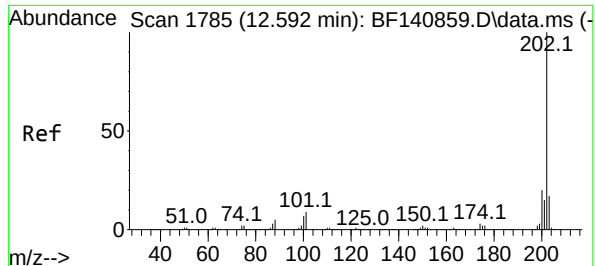
Tgt Ion:167 Resp: 854710
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.3 10.2 15.2



#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

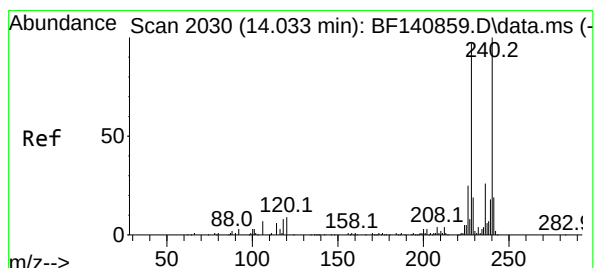
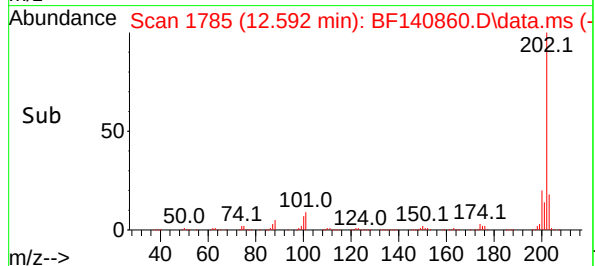
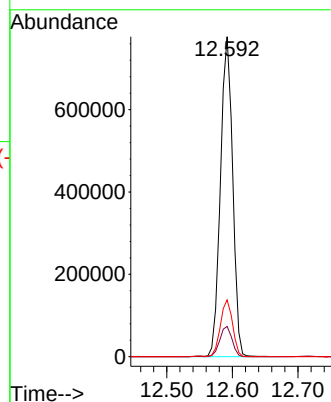
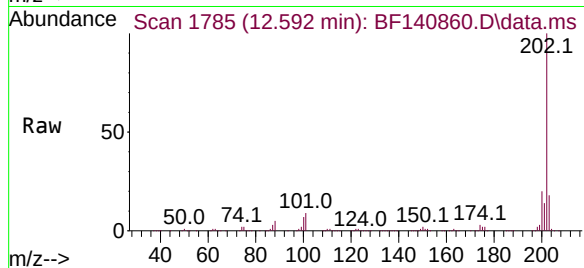




#75
Fluoranthene
Concen: 48.026 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

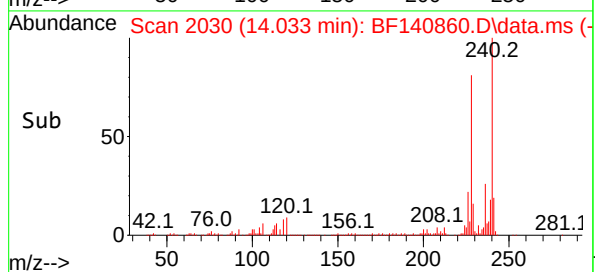
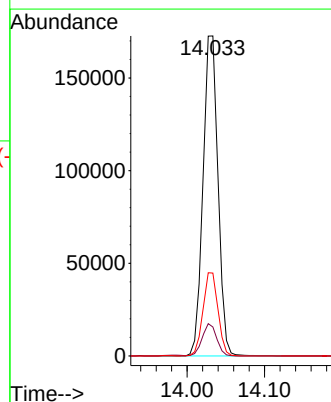
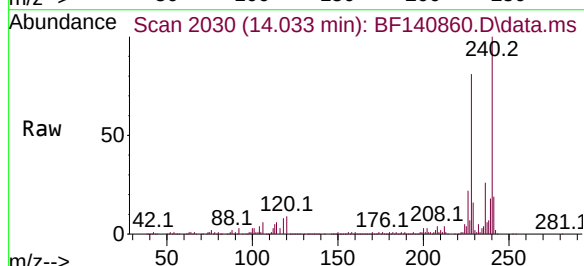
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

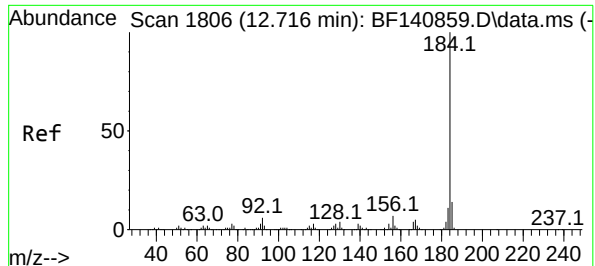
Tgt Ion:202 Resp: 1000374
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.8 0.0 37.4



#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

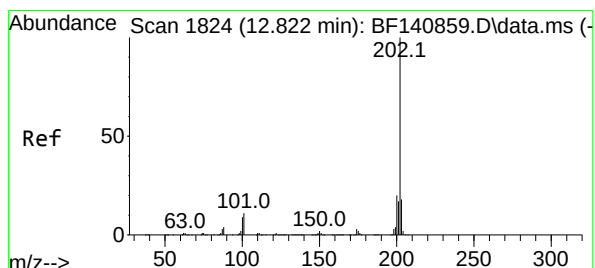
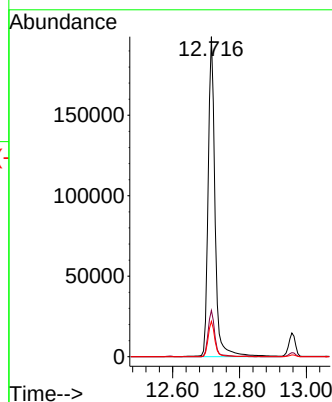
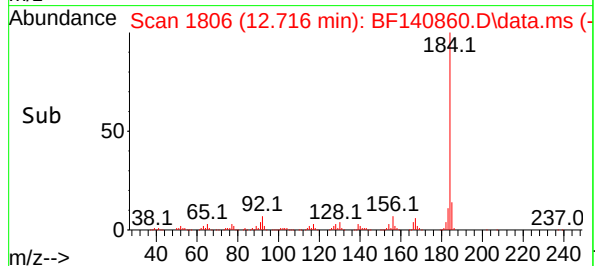
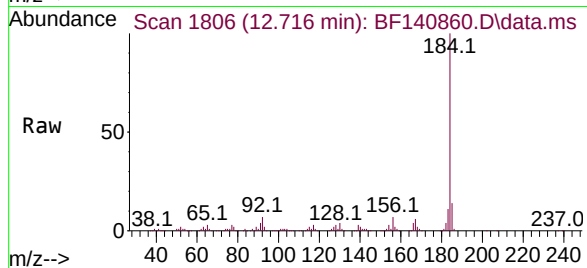




#77
Benzidine
Concen: 60.340 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

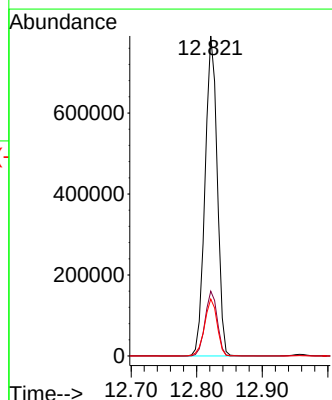
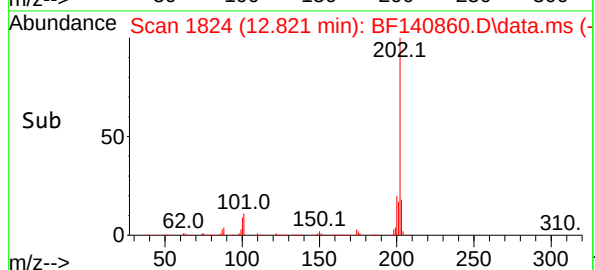
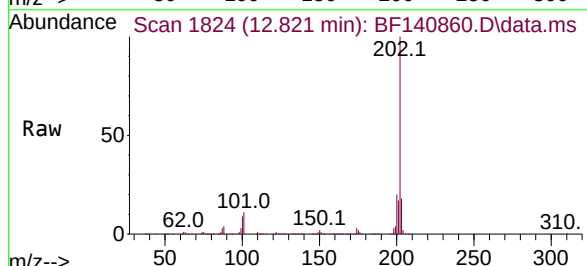
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

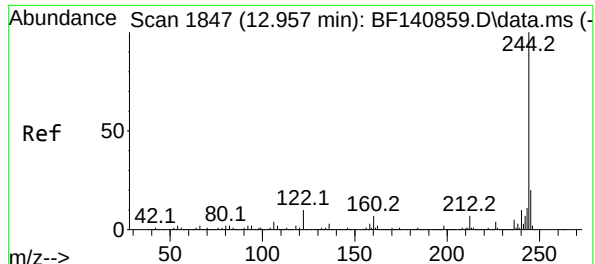
Tgt Ion:184 Resp: 285677
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.1 9.0 13.4



#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

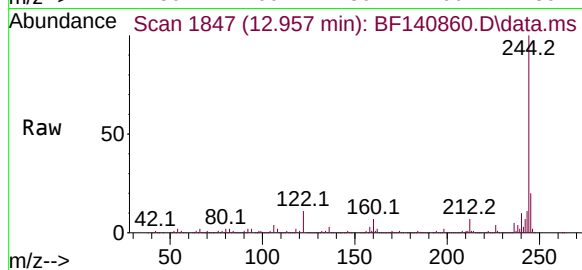
Acq: 16 Dec 2024 15:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



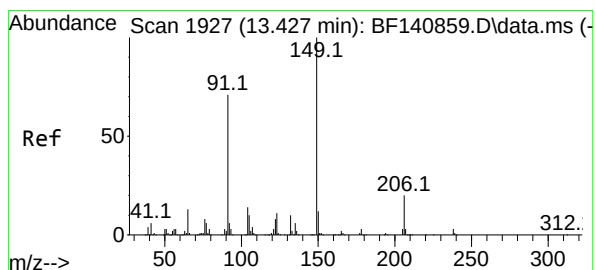
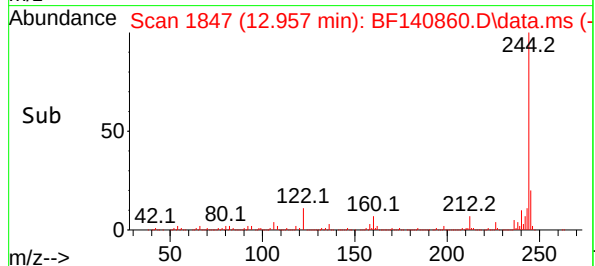
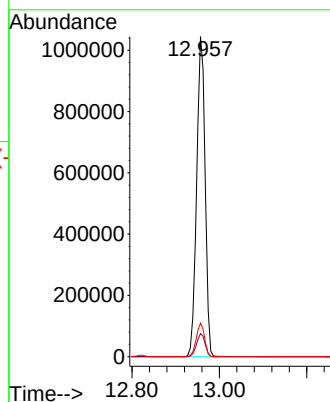
Tgt Ion:244 Resp: 1405567

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

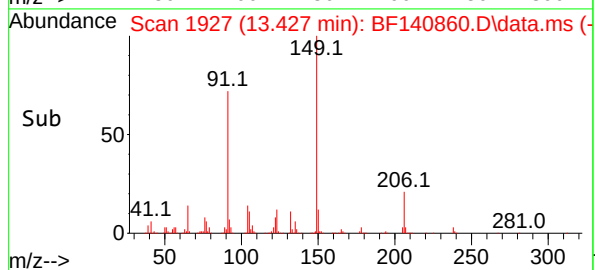
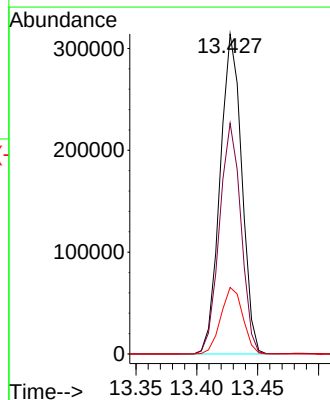
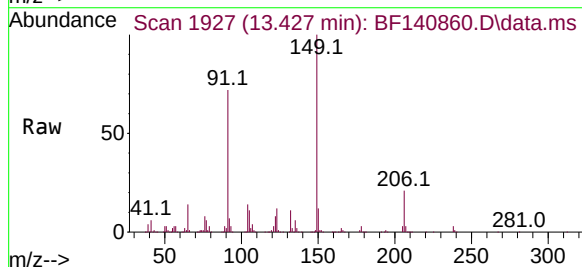
Tgt Ion:149 Resp: 389705

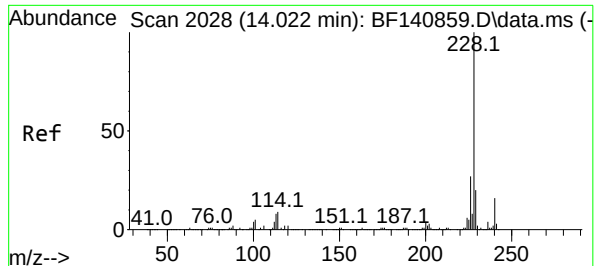
Ion Ratio Lower Upper

149 100

91 72.1 56.7 85.1

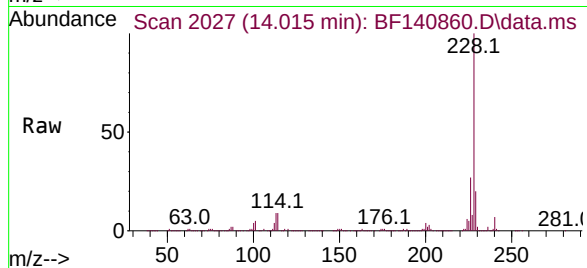
206 20.8 16.4 24.6



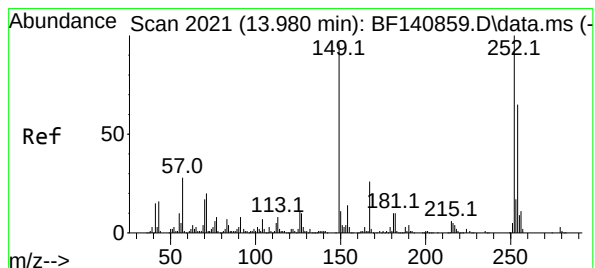
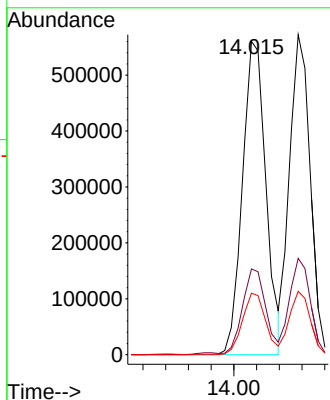
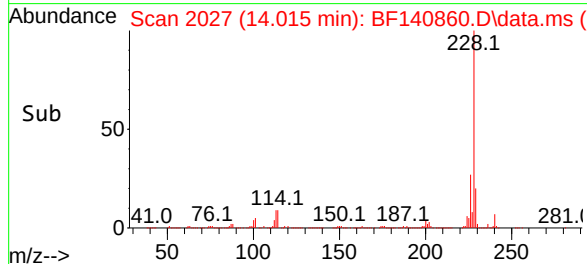


#81
Benzo(a)anthracene
Concen: 48.956 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

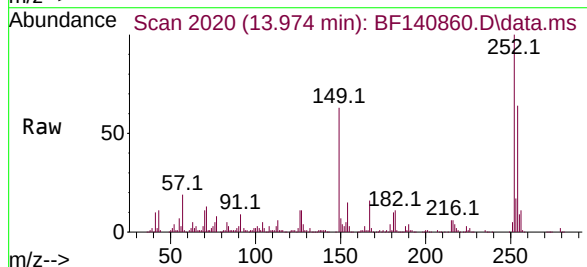
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



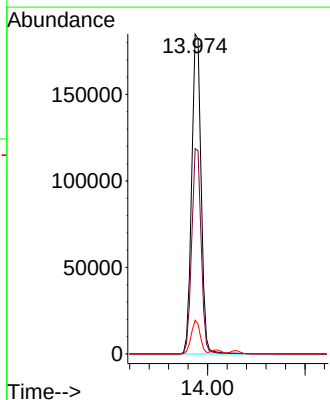
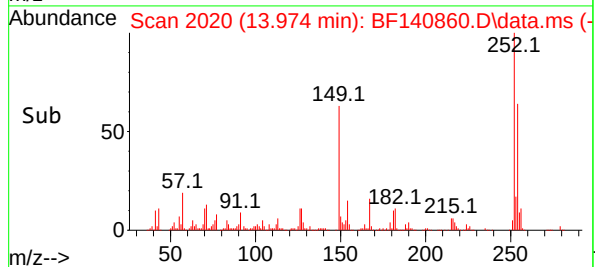
Tgt Ion:228 Resp: 804868
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 15.8 23.8

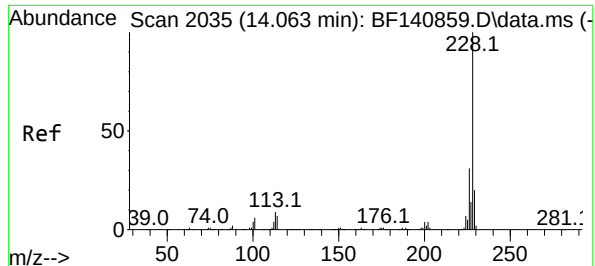


#82
3,3'-Dichlorobenzidine
Concen: 50.470 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23



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

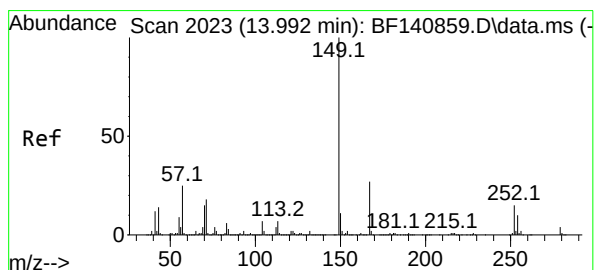
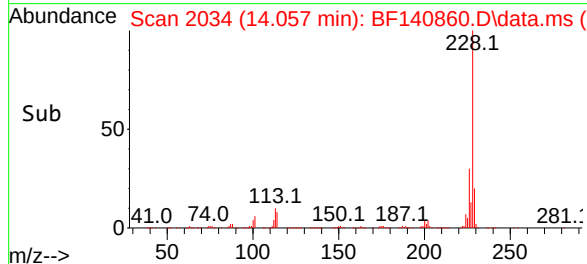
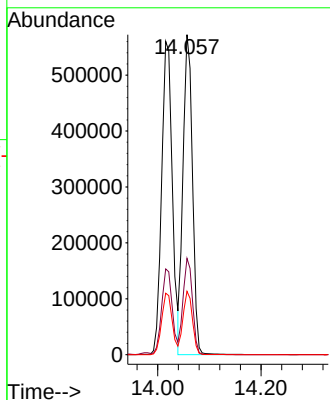
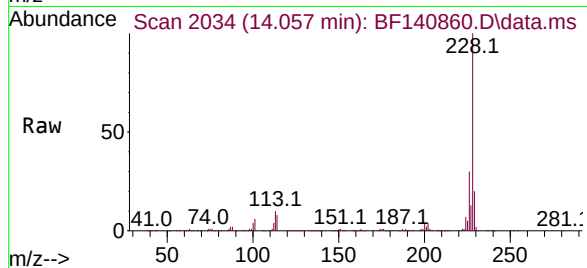




#83
Chrysene
Concen: 48.661 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

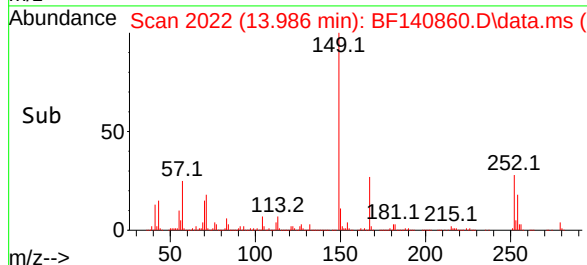
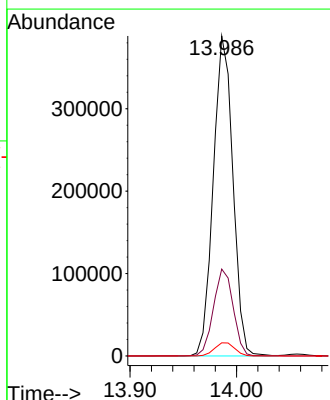
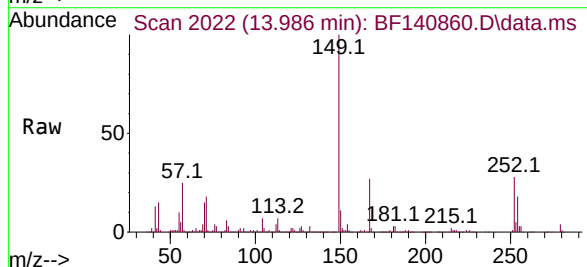
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

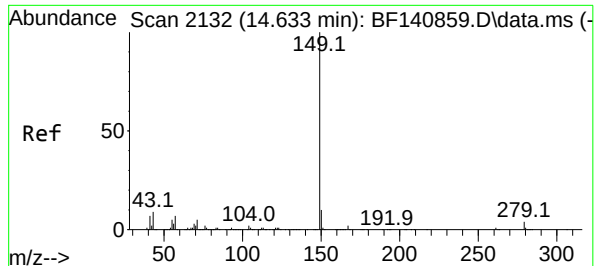
Tgt Ion:228 Resp: 727490
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 16.0 24.0



#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

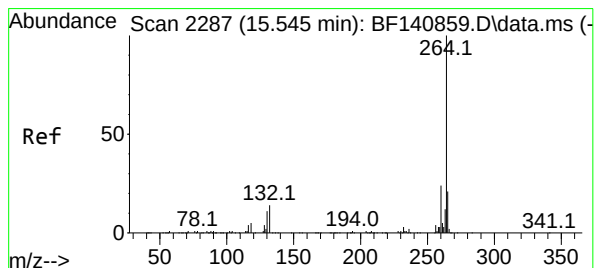
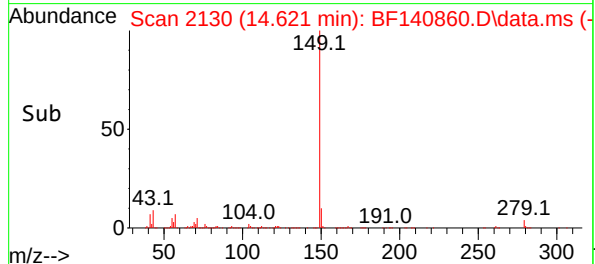
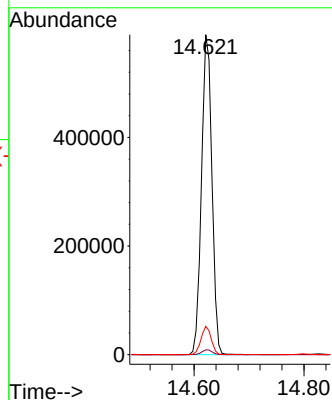
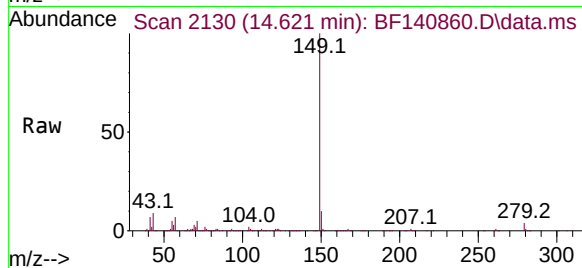




#85
Di-n-octyl phthalate
Concen: 52.530 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

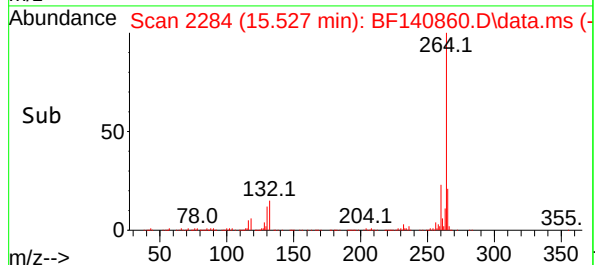
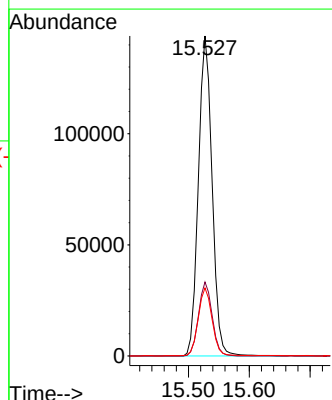
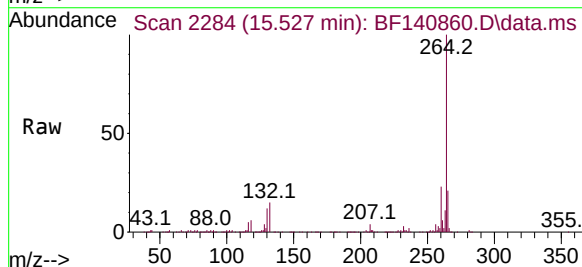
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

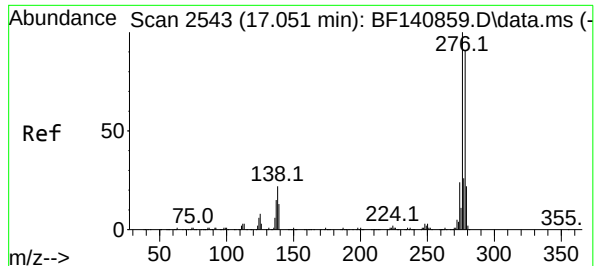
Tgt Ion:149 Resp: 777794
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.0 10.6



#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

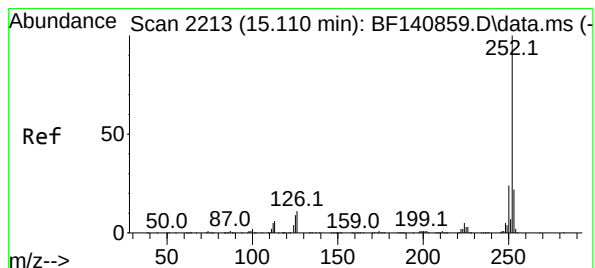
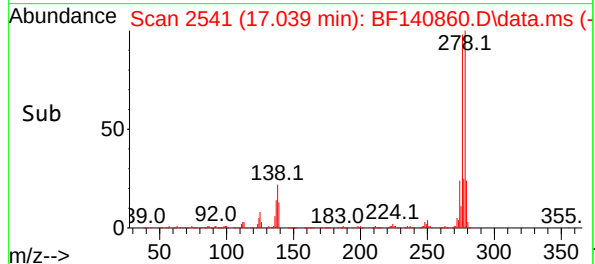
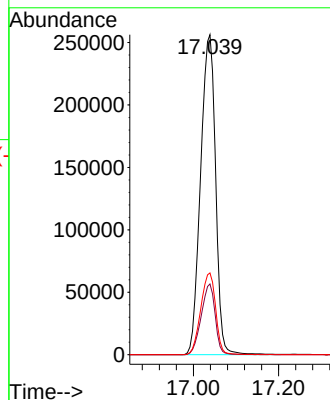
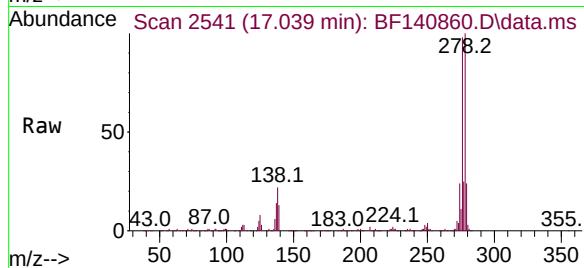




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.446 ng
RT: 17.039 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF140860.D
Acq: 16 Dec 2024 15:23

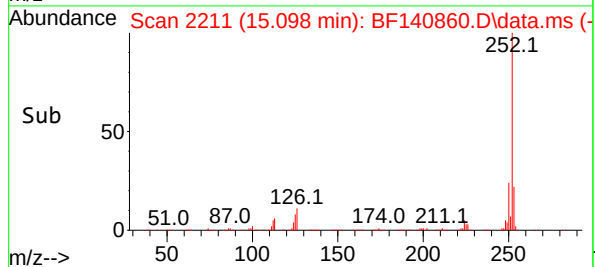
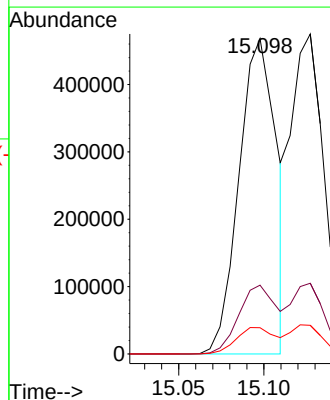
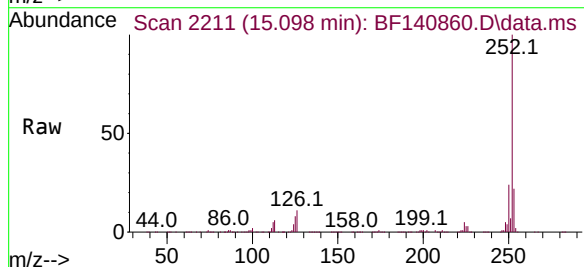
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

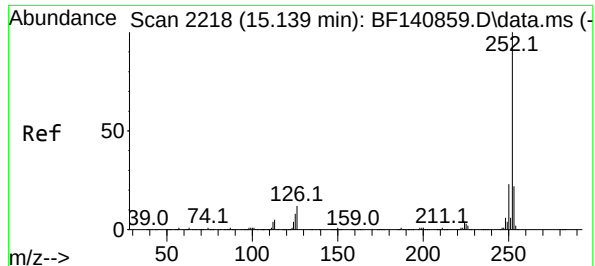
Tgt Ion:276 Resp: 625642
Ion Ratio Lower Upper
276 100
138 20.6 16.9 25.3
277 25.4 20.2 30.4



#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

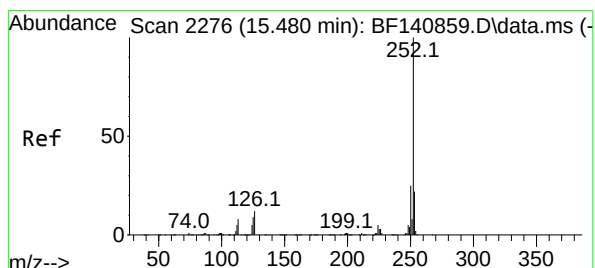
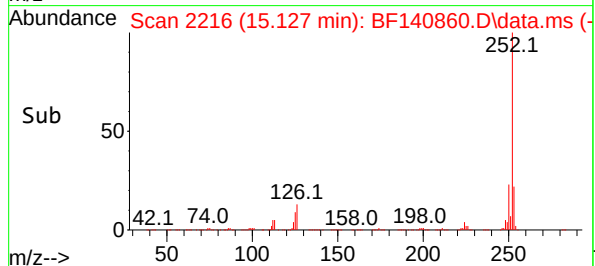
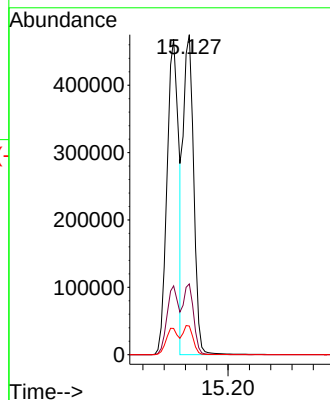
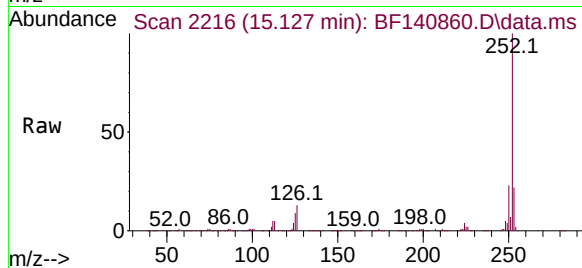
Tgt Ion:252 Resp: 644153

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

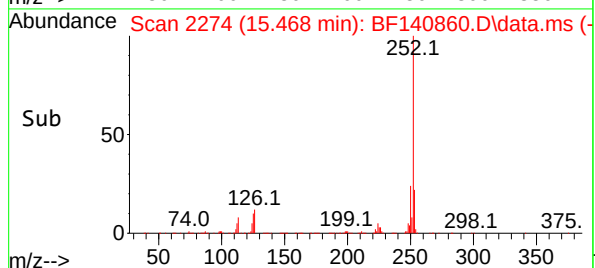
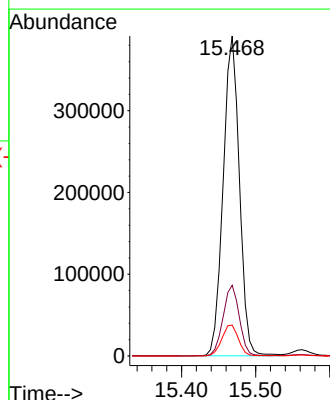
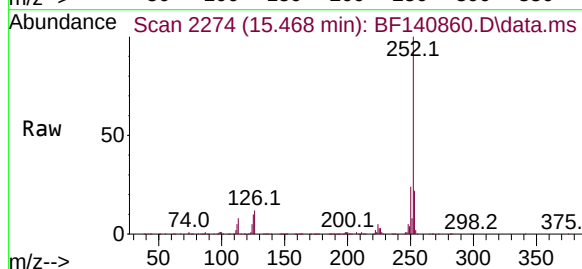
Tgt Ion:252 Resp: 595306

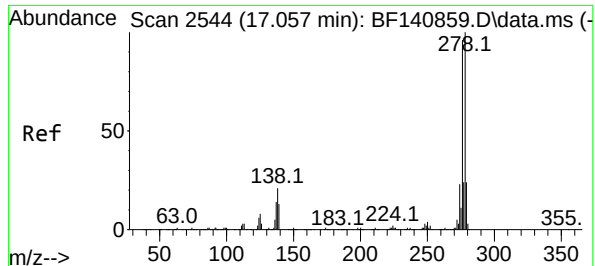
Ion Ratio Lower Upper

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

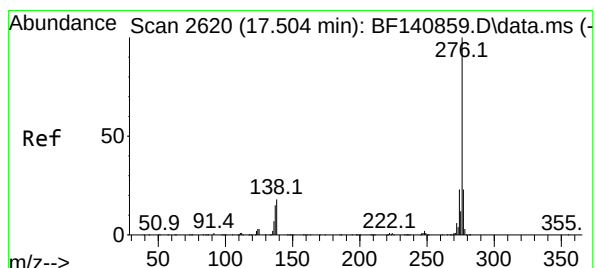
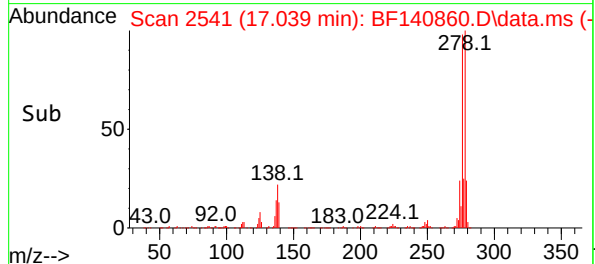
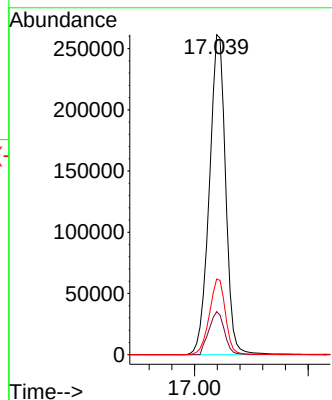
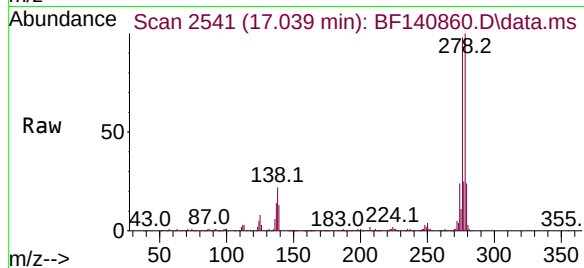
Tgt Ion:278 Resp: 517904

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

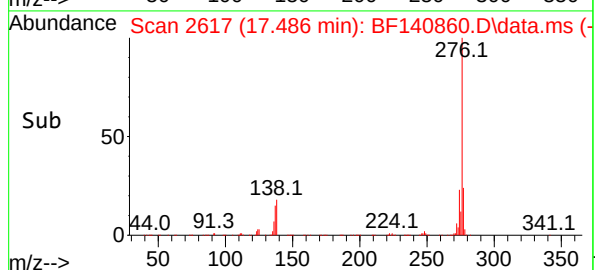
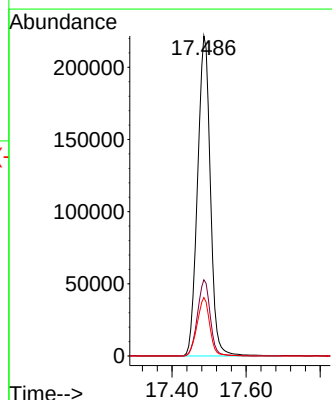
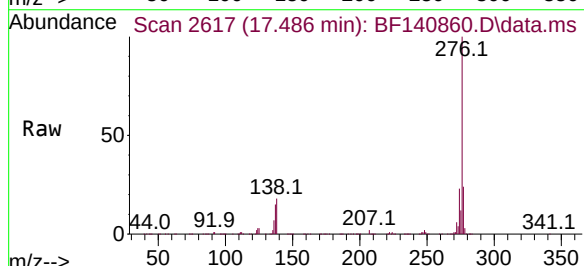
Tgt Ion:276 Resp: 532268

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

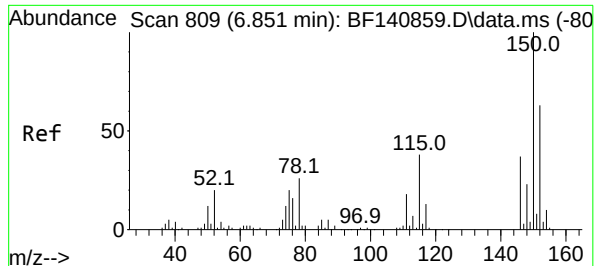
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	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

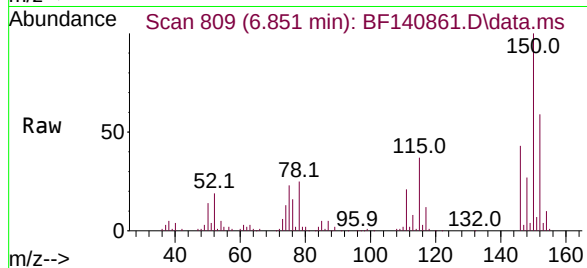
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BNA_F
ClientSampleId :
SSTDICC060

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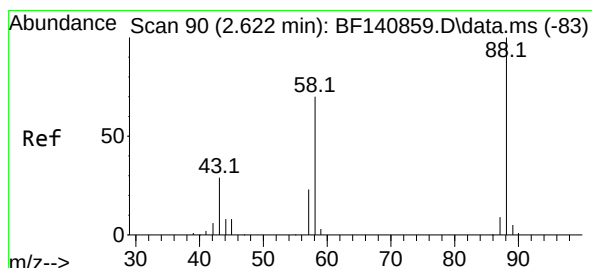
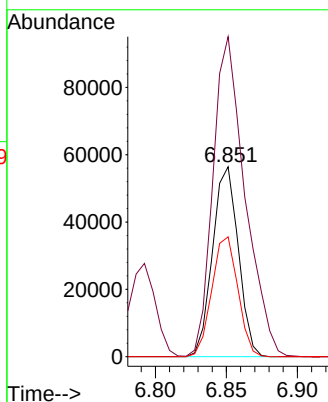
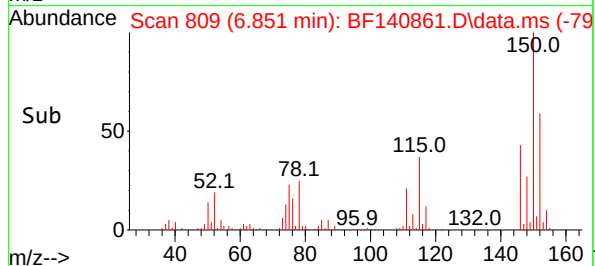


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

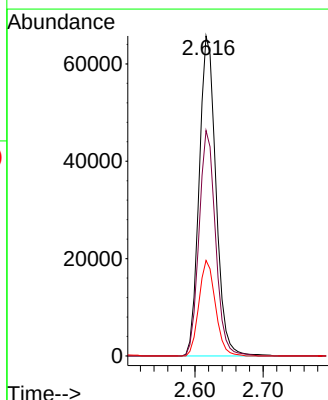
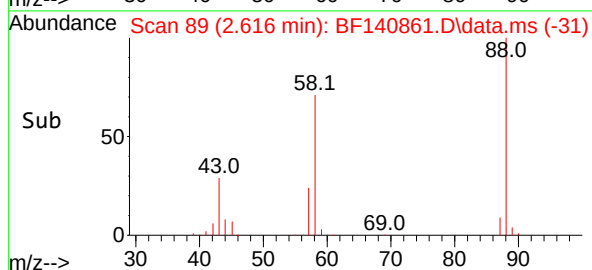
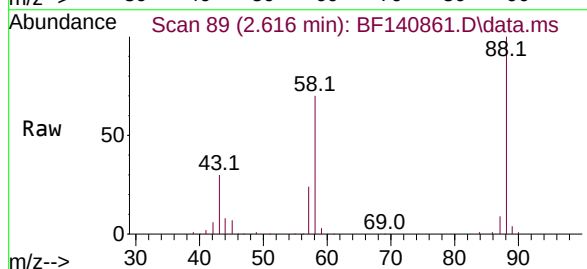


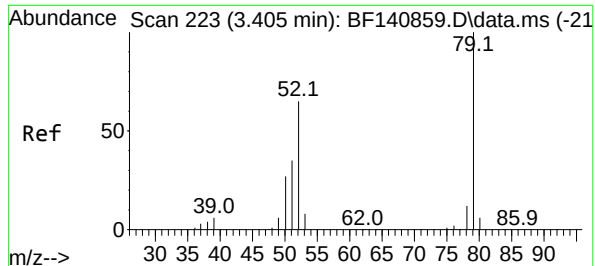
Tgt Ion:152 Resp: 71125
Ion Ratio Lower Upper
152 100
150 168.5 127.9 191.9
115 63.1 48.0 72.0



#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

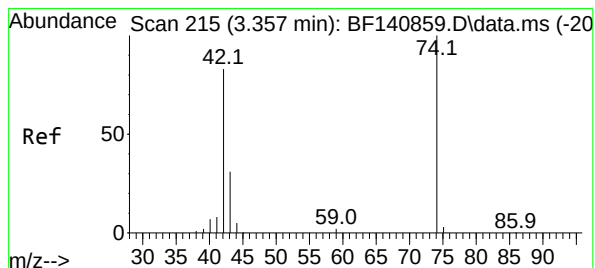
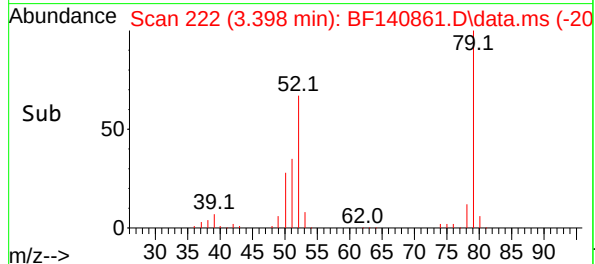
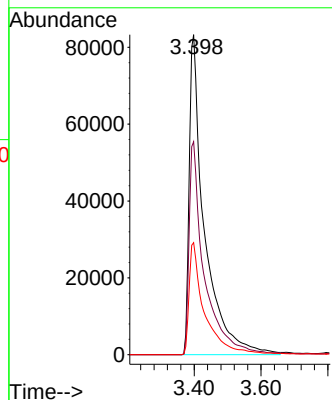
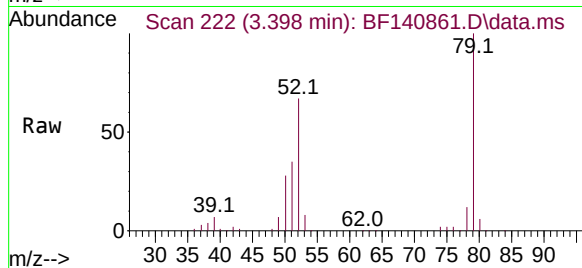




#3
Pyridine
Concen: 61.121 ng
RT: 3.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

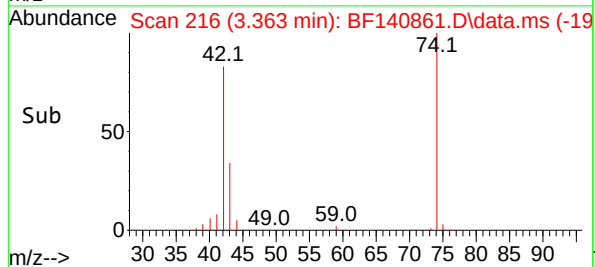
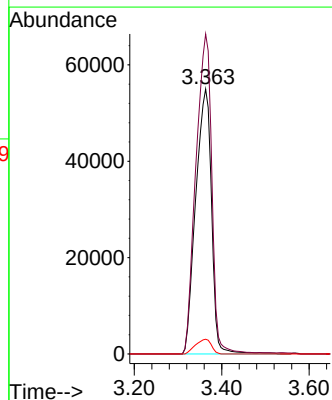
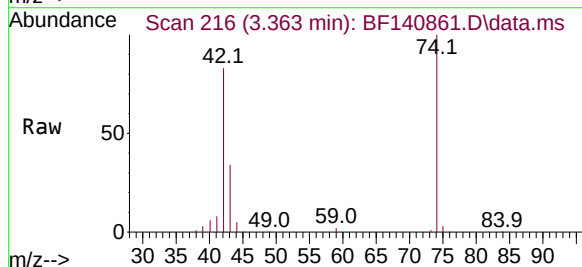
Instrument :
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ClientSampleId :
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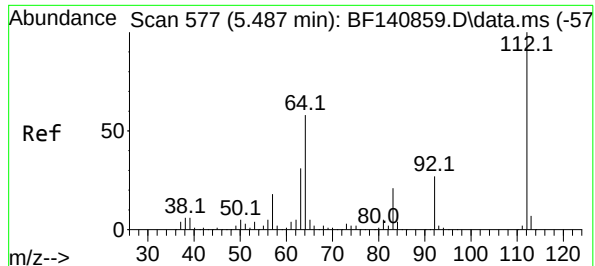
Tgt Ion: 79 Resp: 263425
Ion Ratio Lower Upper
79 100
52 66.6 51.7 77.5
51 35.0 28.2 42.4



#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

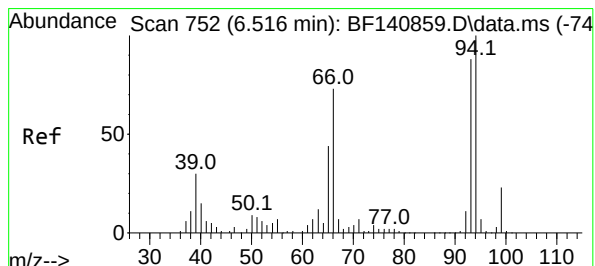
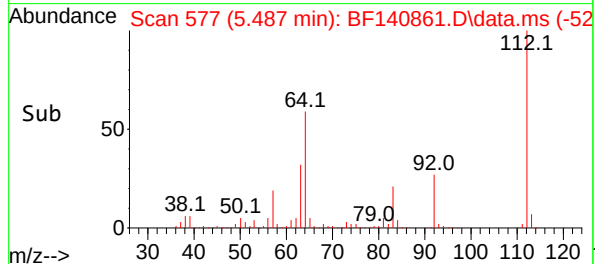
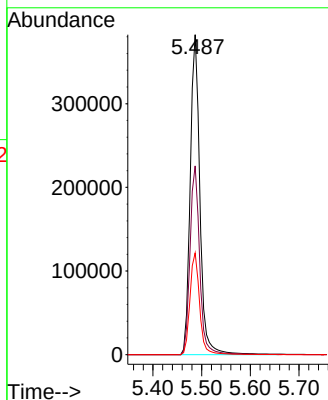
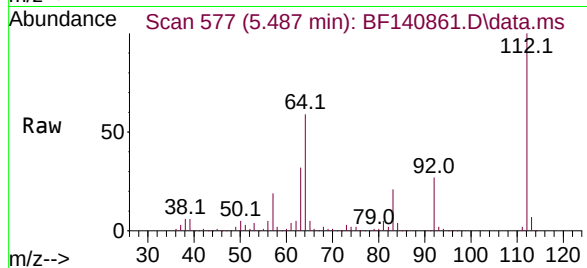




#5
2-Fluorophenol
Concen: 122.696 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

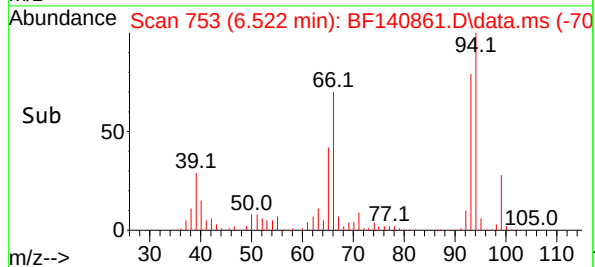
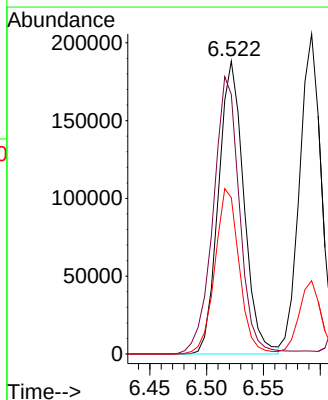
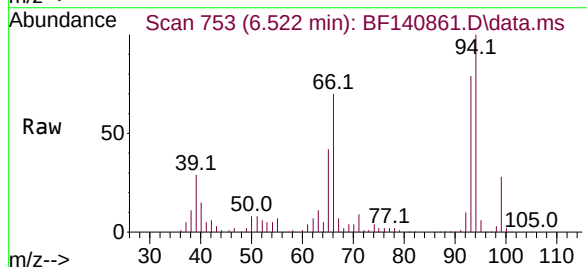
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BNA_F
ClientSampleId :
SSTDICC060

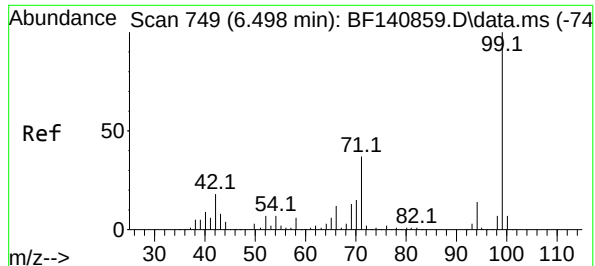
Tgt Ion:112 Resp: 530122
Ion Ratio Lower Upper
112 100
64 59.0 46.1 69.1
63 31.8 24.9 37.3



#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

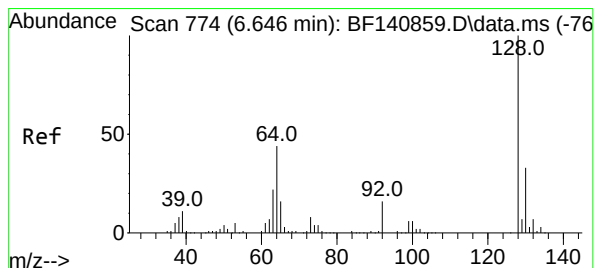
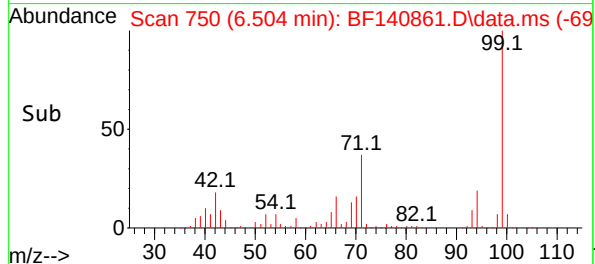
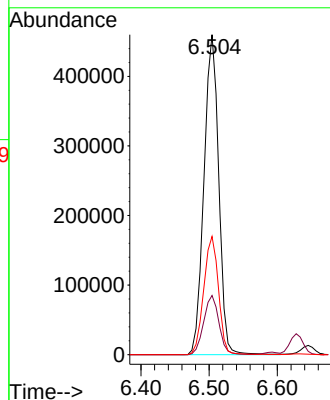
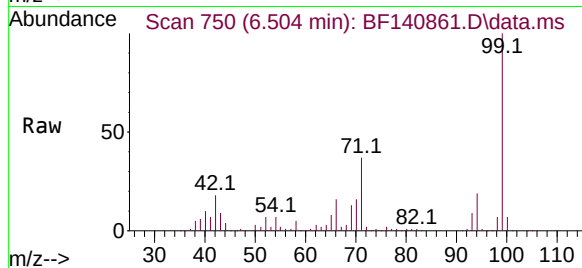
Tgt Ion: 99 Resp: 692405

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

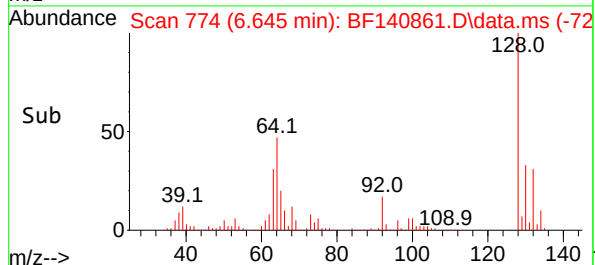
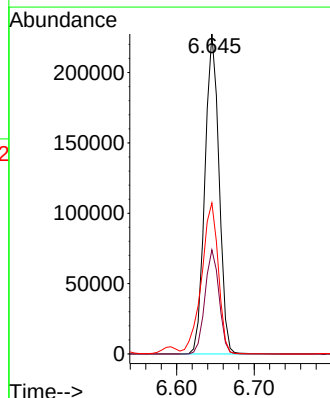
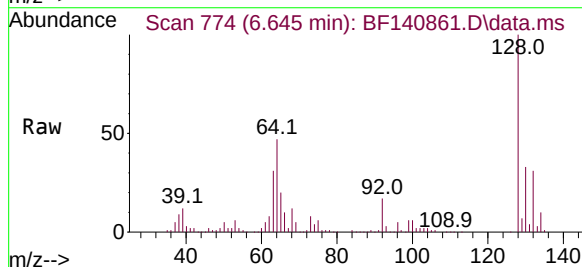
Tgt Ion:128 Resp: 288270

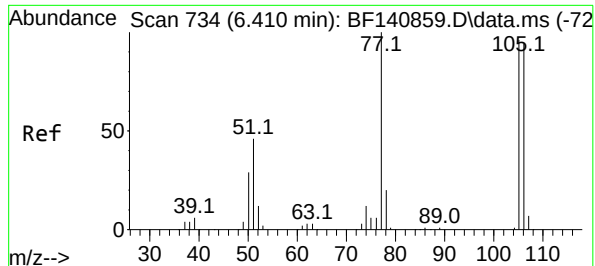
Ion Ratio Lower Upper

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

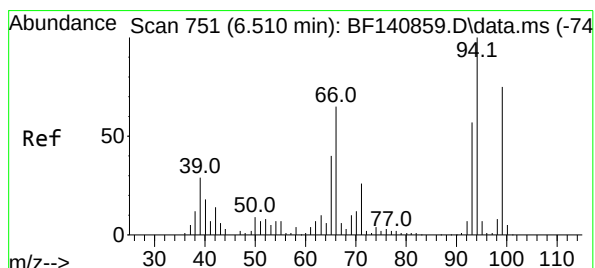
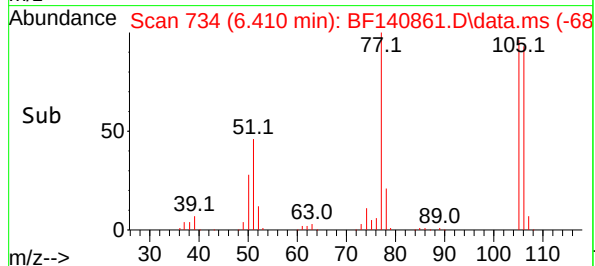
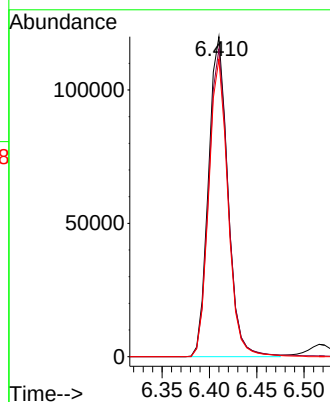
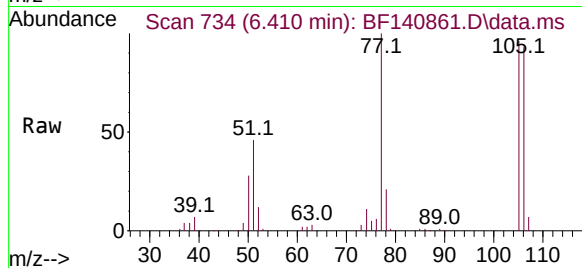
Tgt Ion: 77 Resp: 170596

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

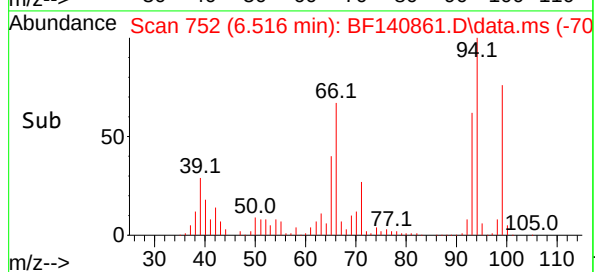
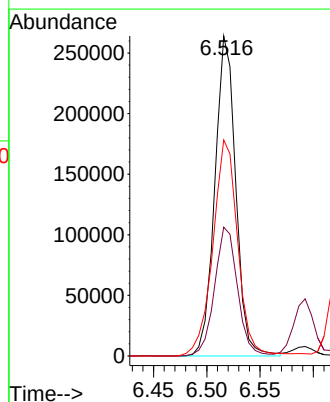
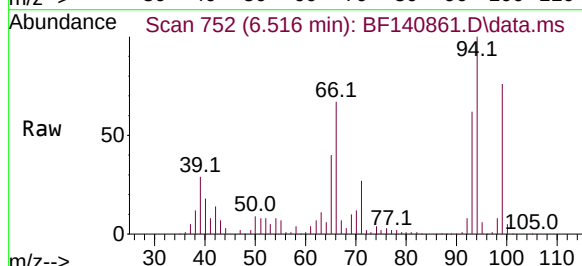
Tgt Ion: 94 Resp: 360221

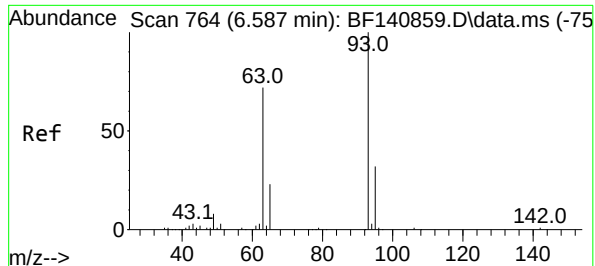
Ion Ratio Lower Upper

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 :

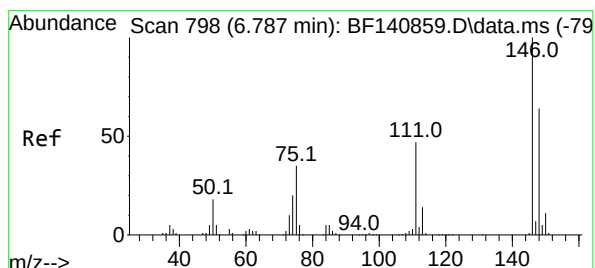
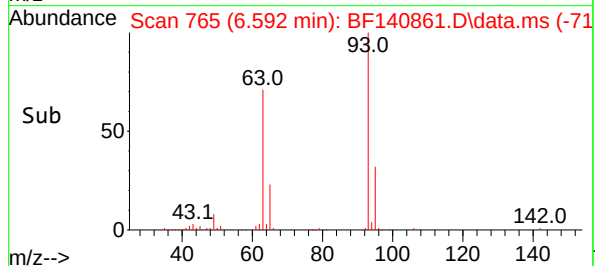
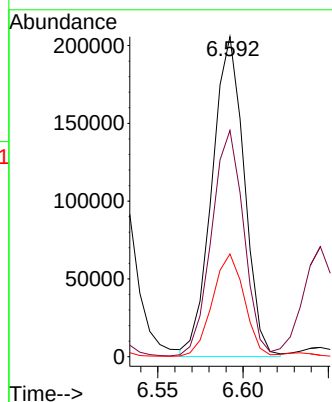
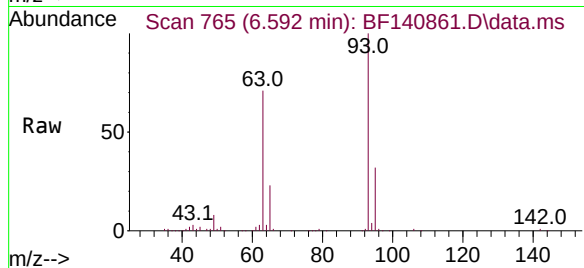
BNA_F

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

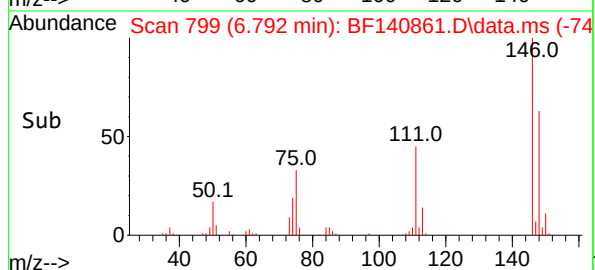
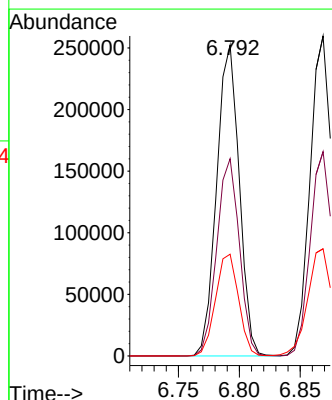
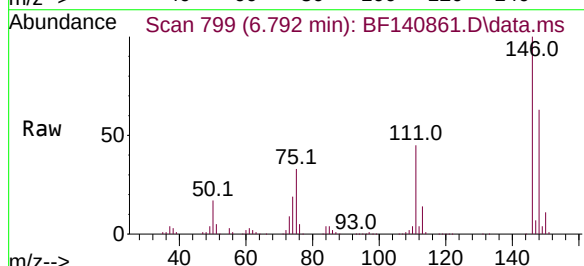
Delta R.T. 0.006 min

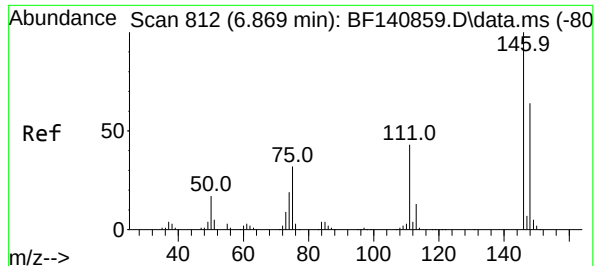
Lab File: BF140861.D

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

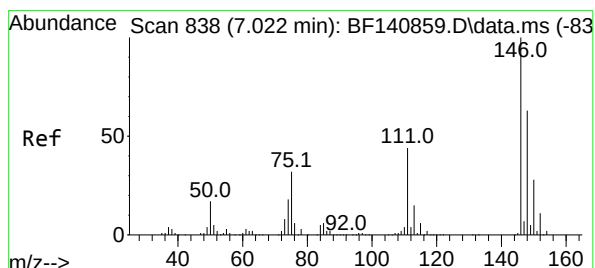
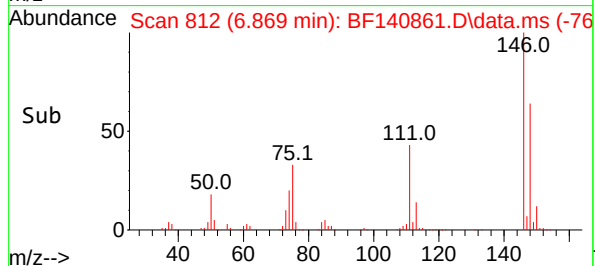
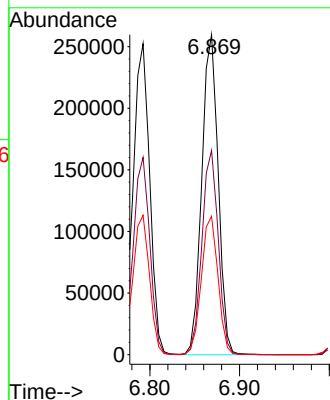
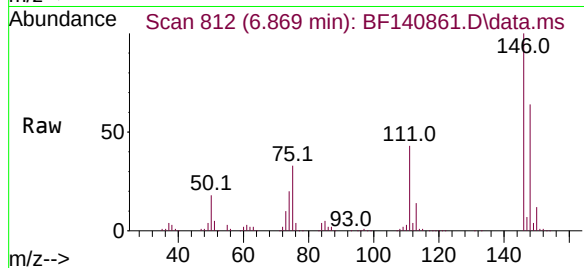
Tgt Ion:146 Resp: 329906

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

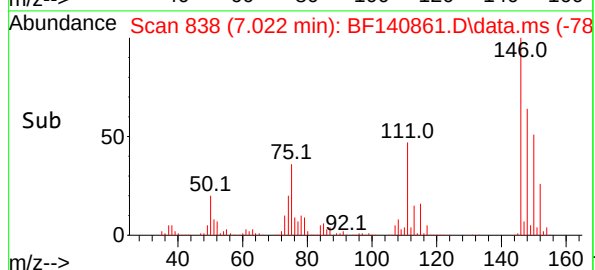
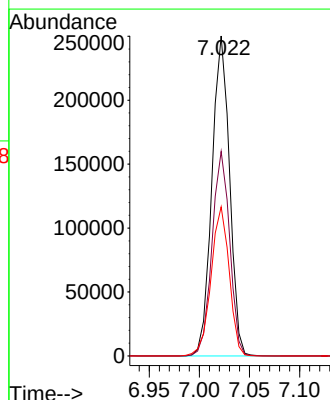
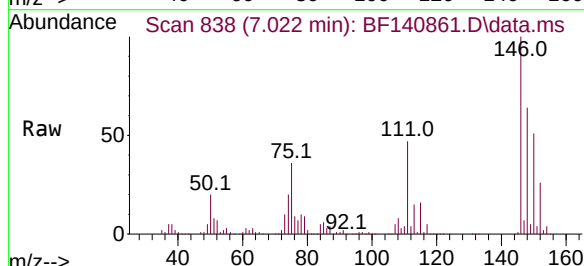
Tgt Ion:146 Resp: 306086

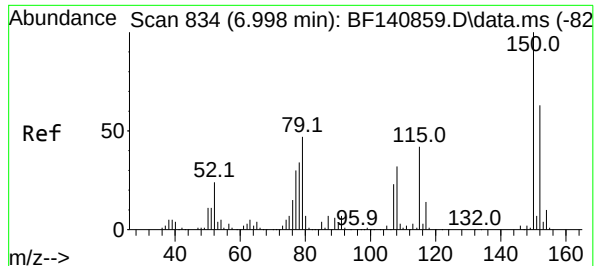
Ion Ratio Lower Upper

146 100

148 63.9 50.0 75.0

111 46.6 35.6 53.4

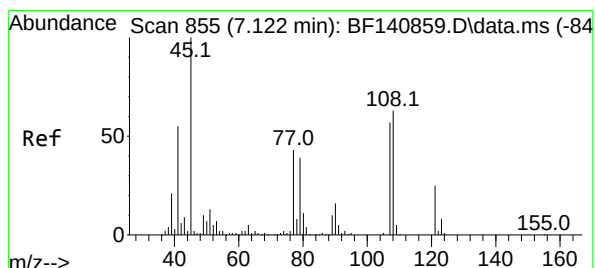
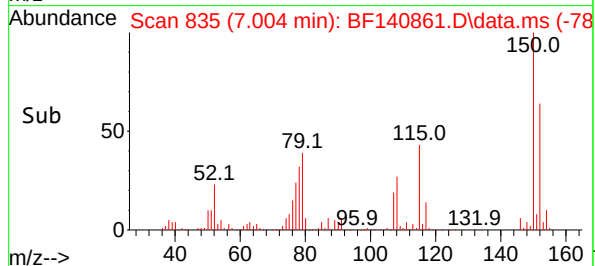
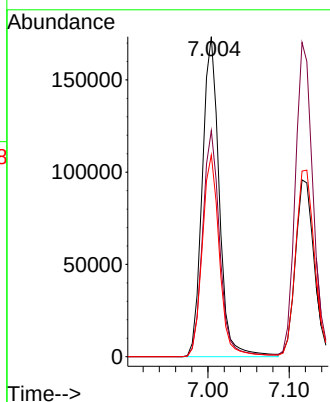
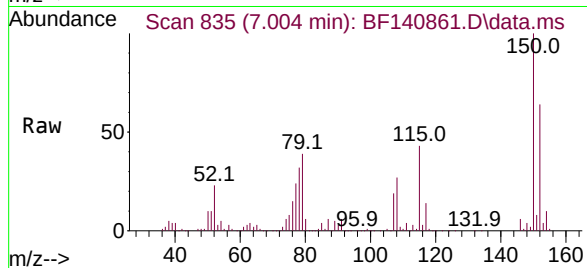




#15
Benzyl Alcohol
Concen: 61.475 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

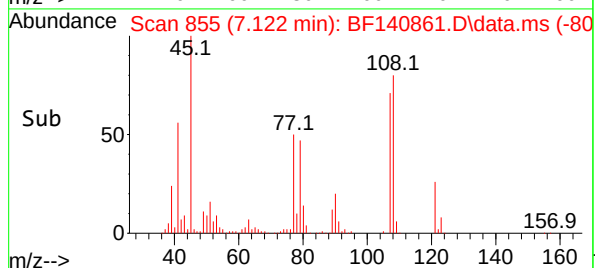
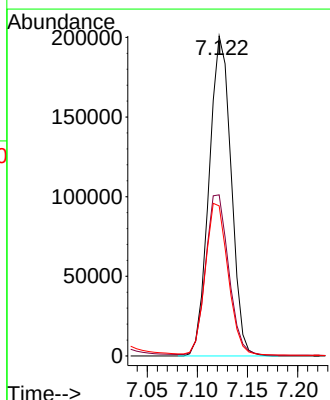
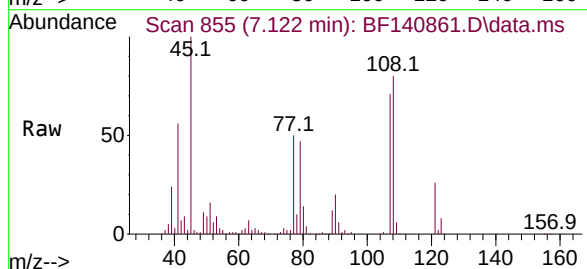
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

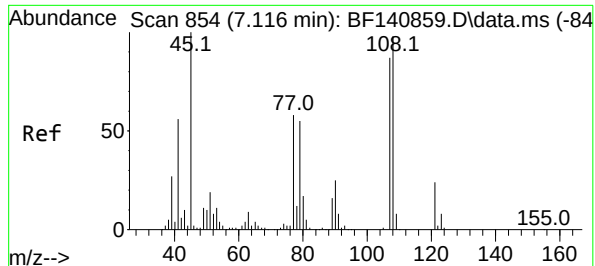
Tgt Ion: 79 Resp: 251539
Ion Ratio Lower Upper
79 100
108 70.6 55.1 82.7
77 63.0 50.6 76.0



#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

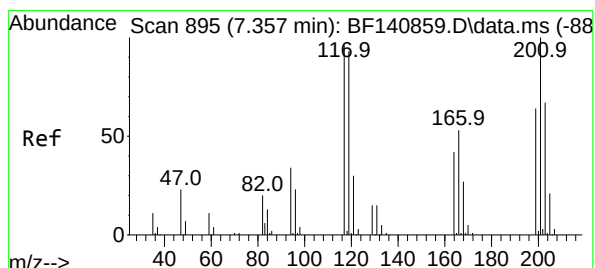
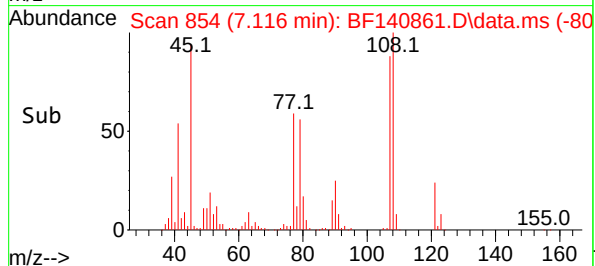
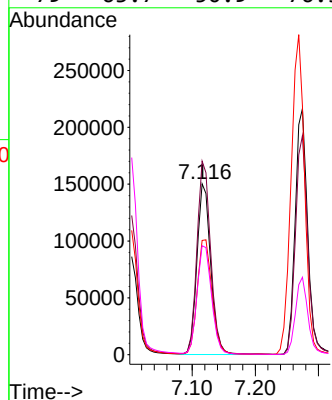
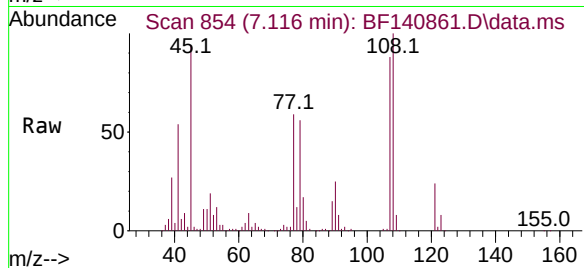




#17
2-Methylphenol
Concen: 60.504 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

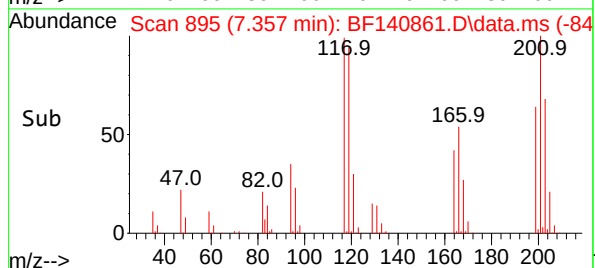
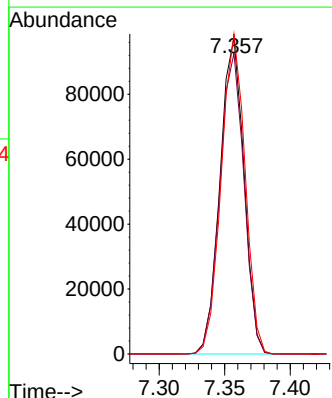
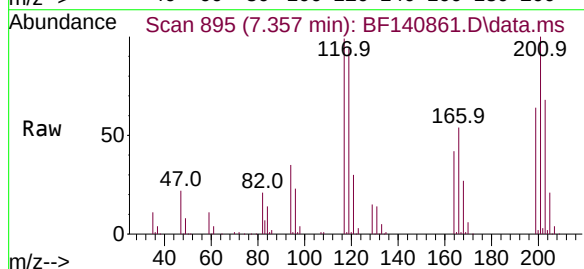
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

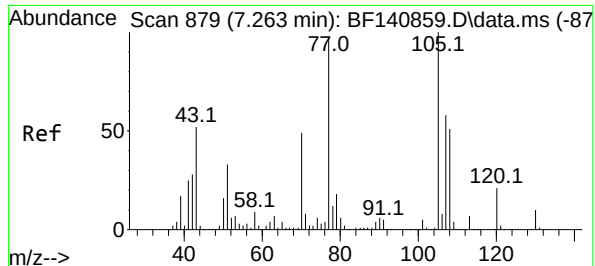
Tgt Ion:	107	Resp:	227597
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.4
77	66.9	53.8	80.6
79	63.7	50.9	76.3



#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

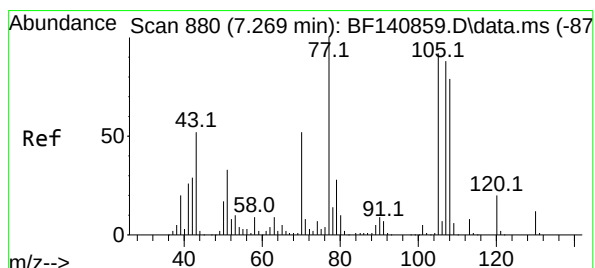
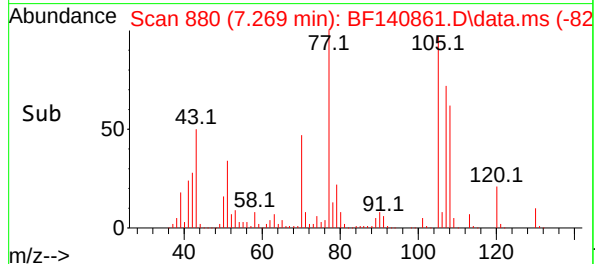
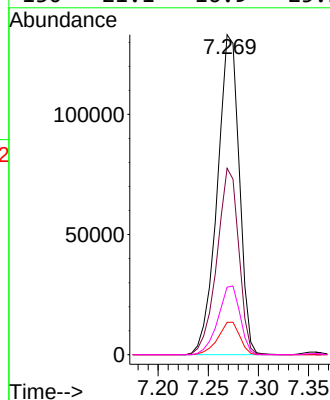
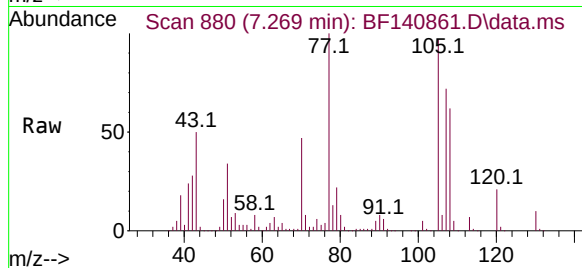
Ion Ratio Lower Upper

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

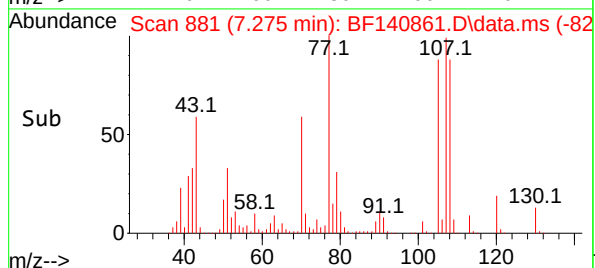
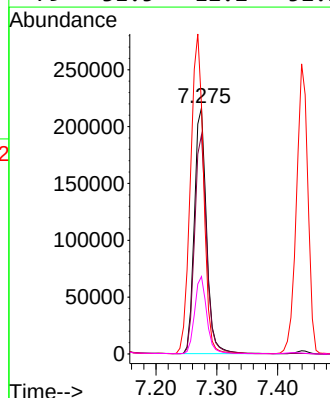
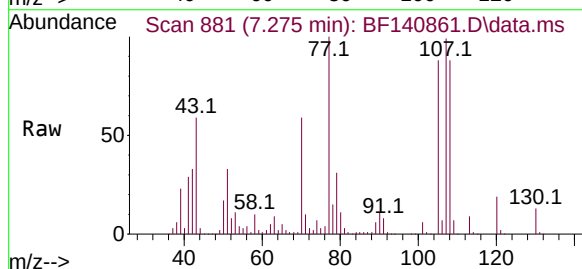
Ion Ratio Lower Upper

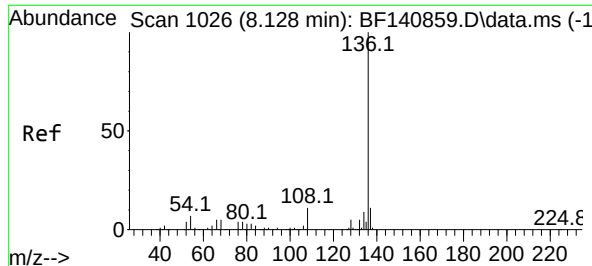
107 100

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

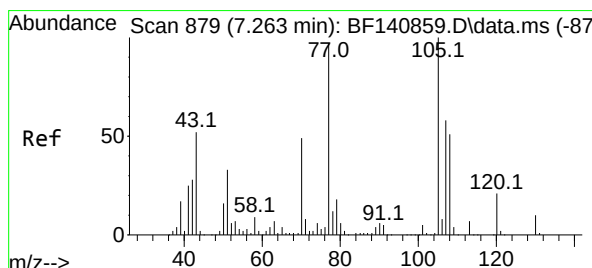
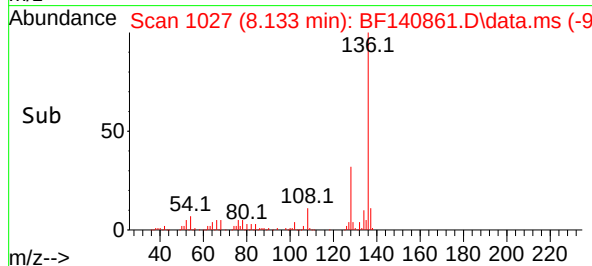
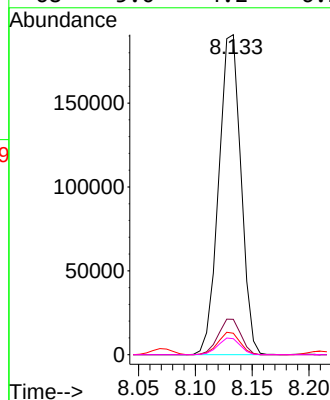
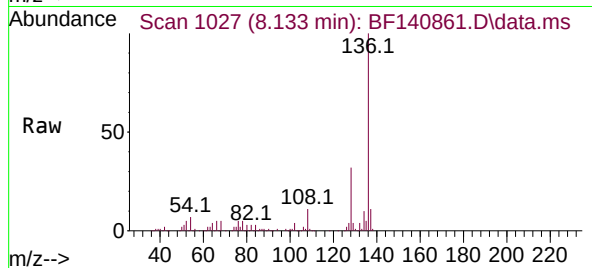
Ion Ratio Lower Upper

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

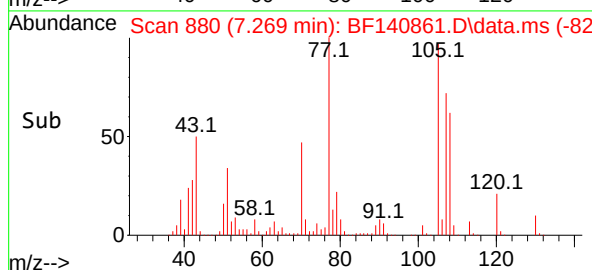
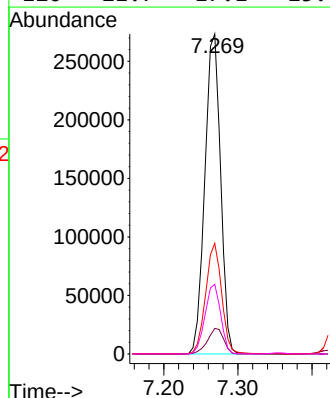
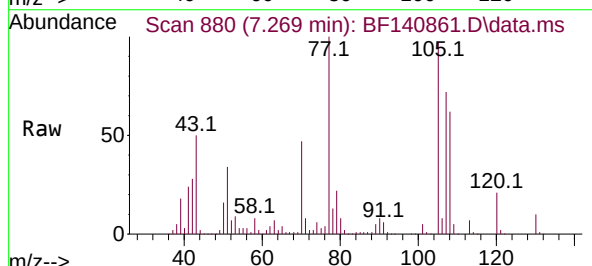
Ion Ratio Lower Upper

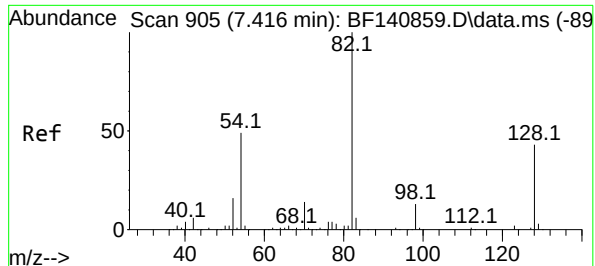
105 100

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

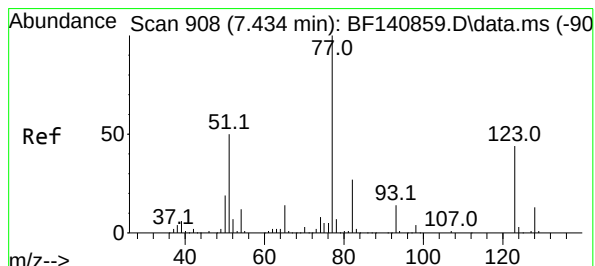
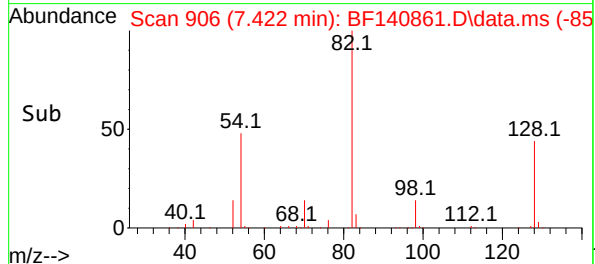
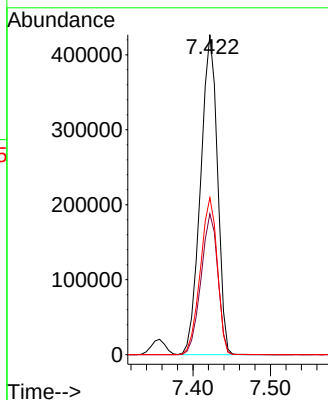
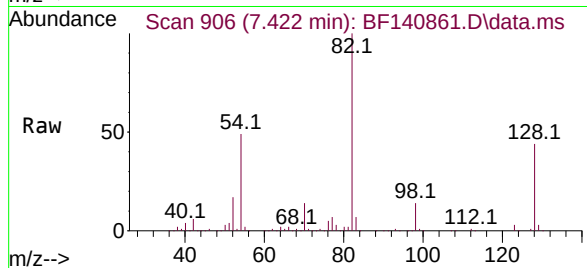
Tgt Ion: 82 Resp: 646998

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

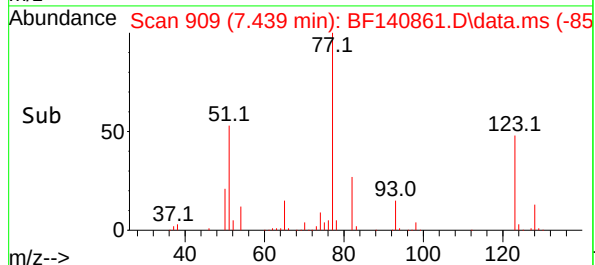
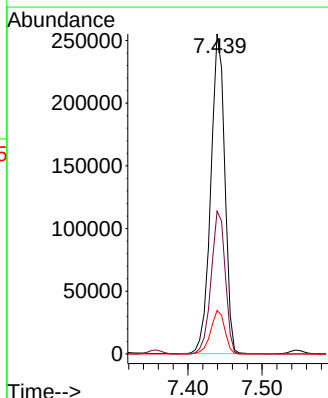
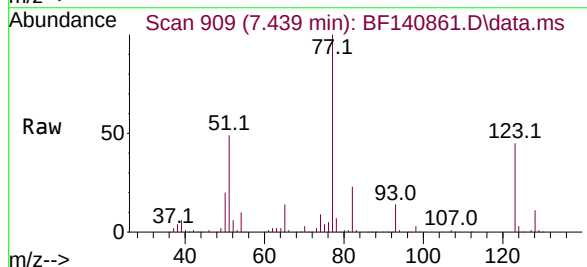
Tgt Ion: 77 Resp: 334236

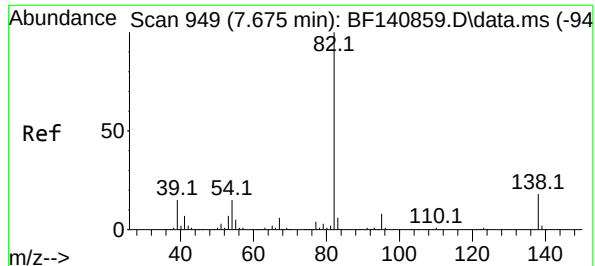
Ion Ratio Lower Upper

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 :

SSTDICC060

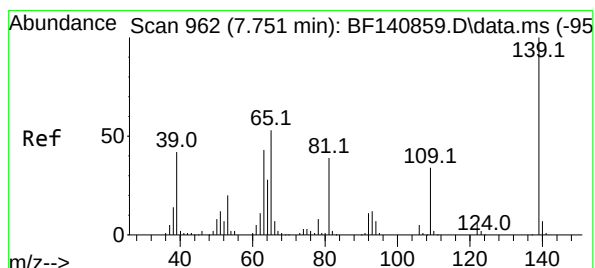
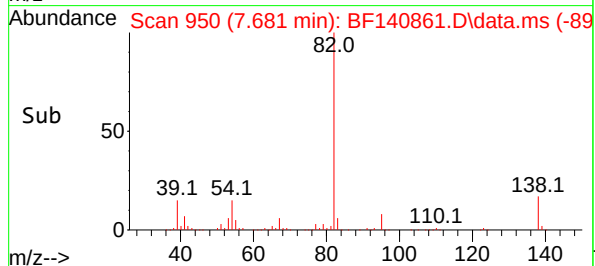
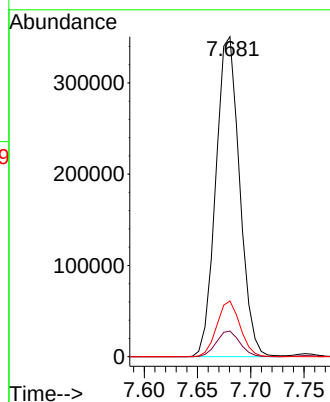
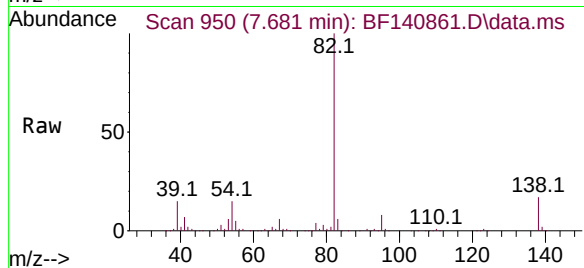
Tgt Ion: 82 Resp: 544844

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

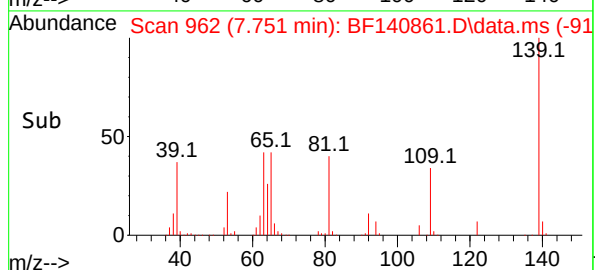
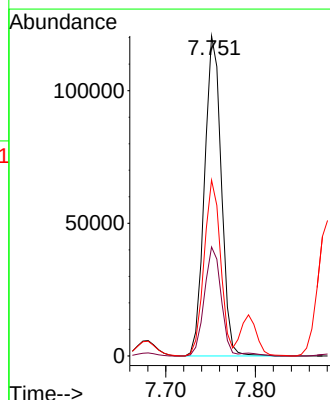
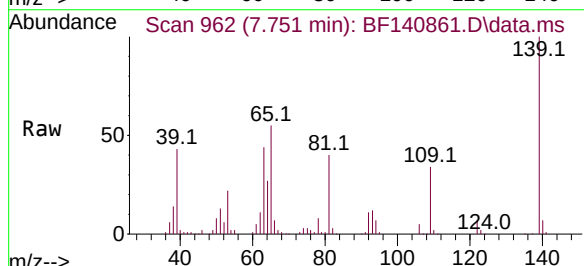
Tgt Ion:139 Resp: 156696

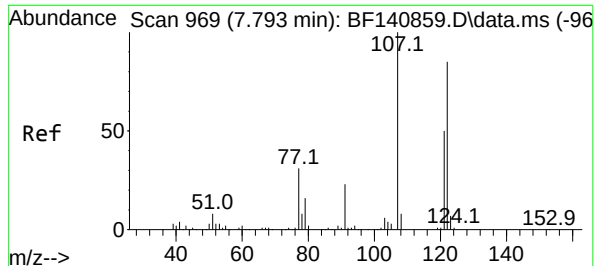
Ion Ratio Lower Upper

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

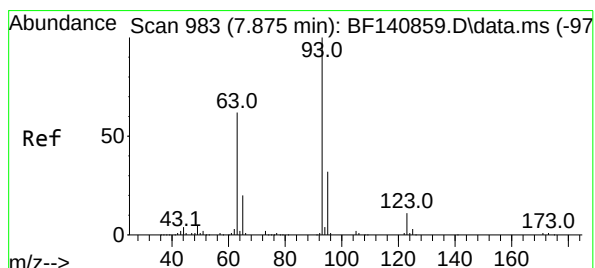
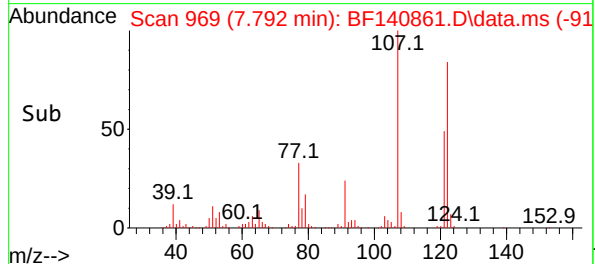
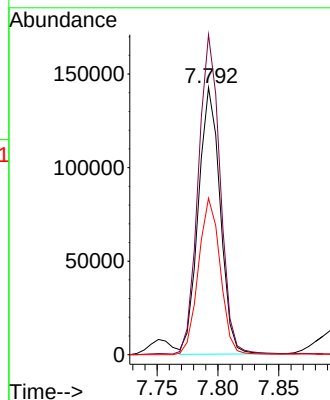
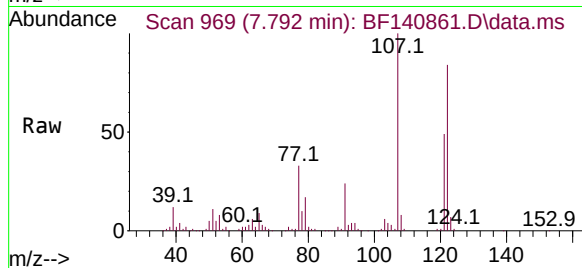
Tgt Ion:122 Resp: 177170

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

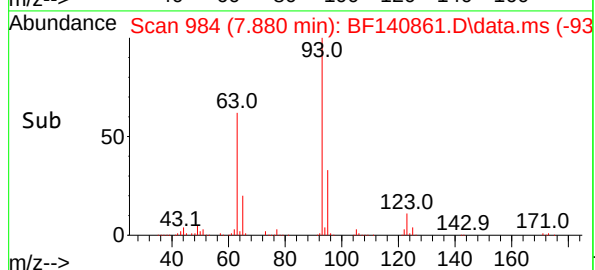
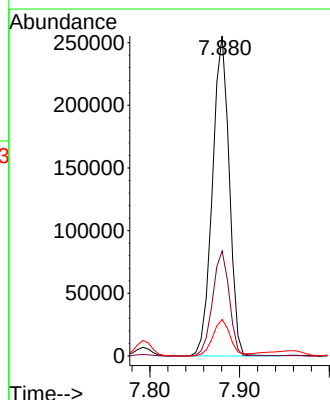
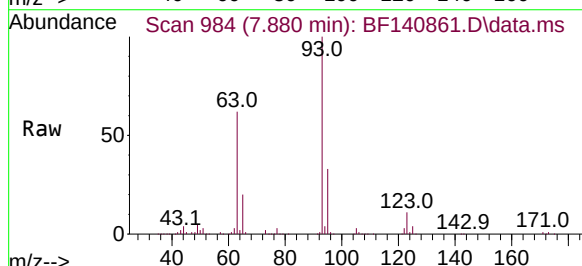
Tgt Ion: 93 Resp: 332048

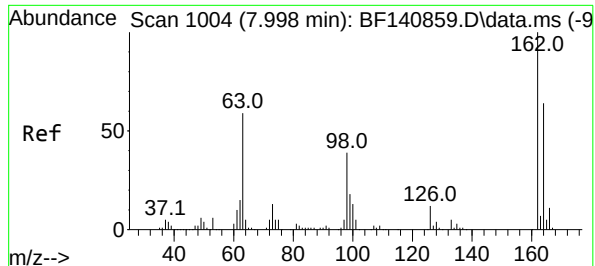
Ion Ratio Lower Upper

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

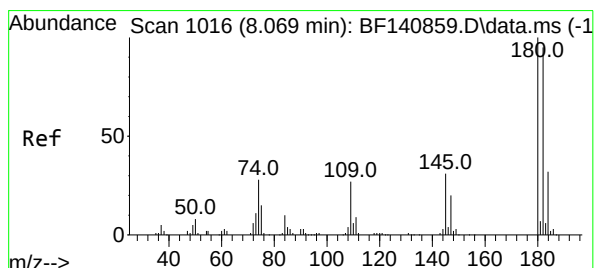
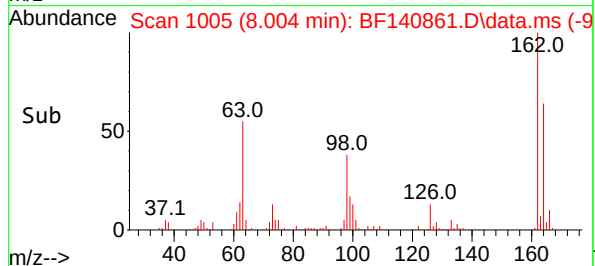
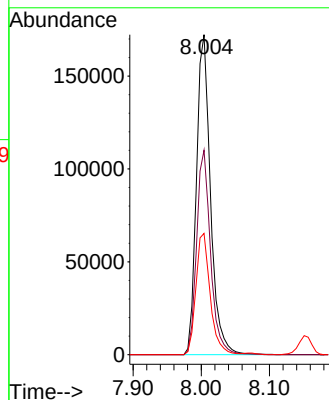
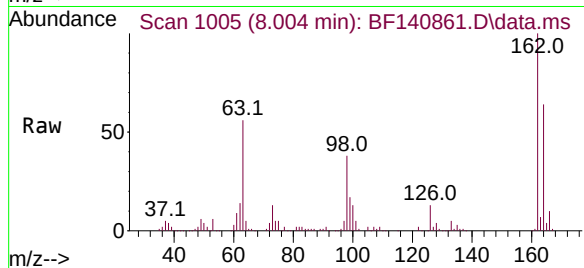
Tgt Ion:162 Resp: 246376

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

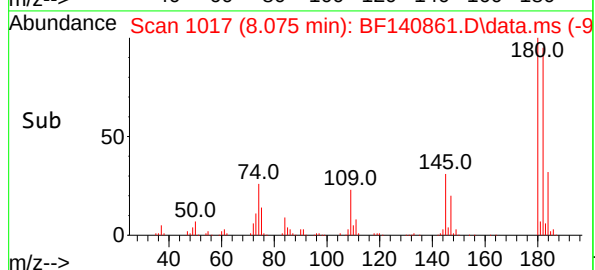
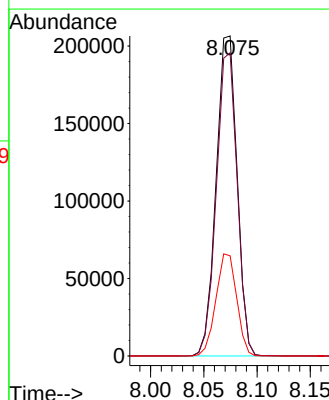
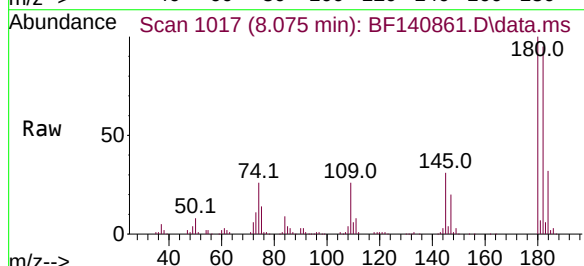
Tgt Ion:180 Resp: 281649

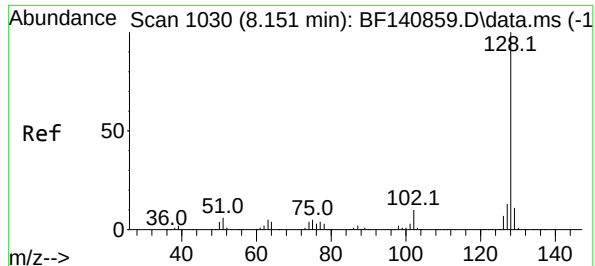
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.3 25.2 37.8

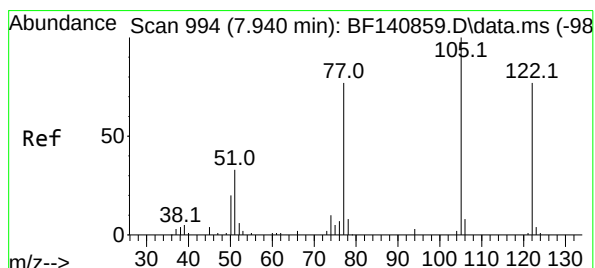
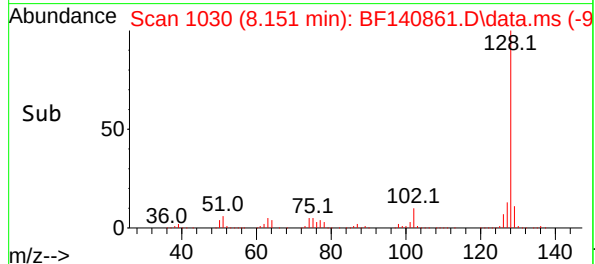
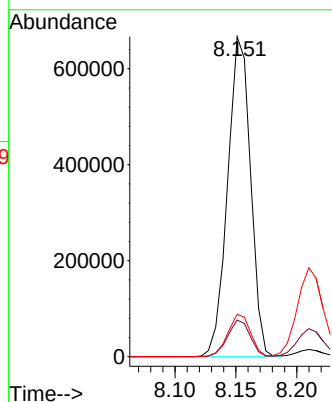
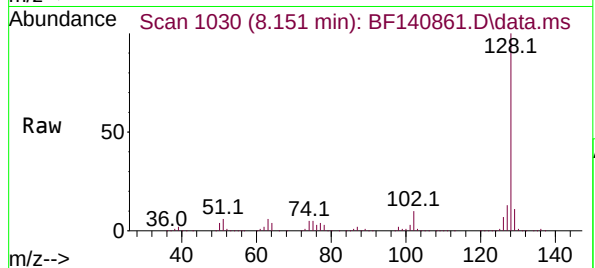




#31
Naphthalene
Concen: 61.360 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

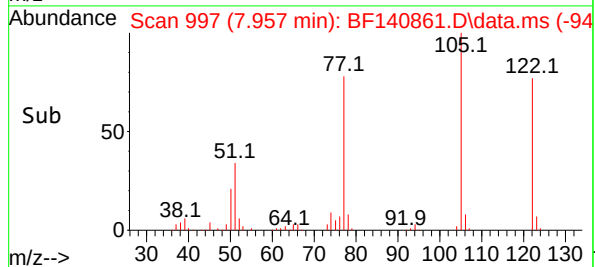
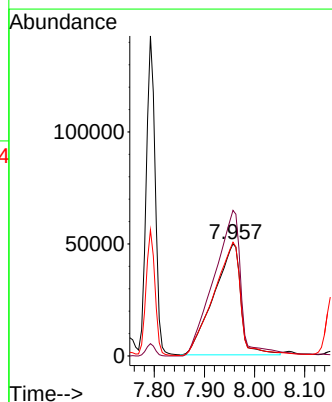
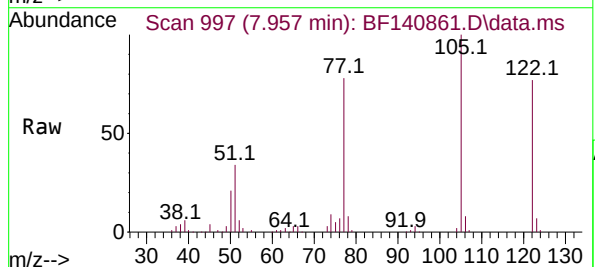
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

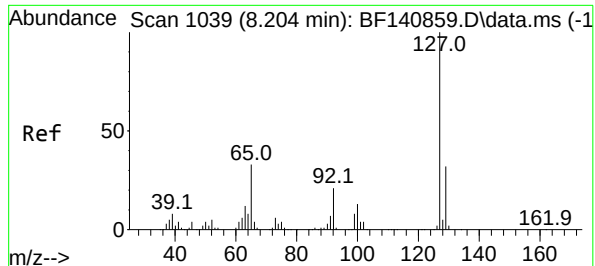
Tgt Ion:128 Resp: 874776
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.6 16.0



#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

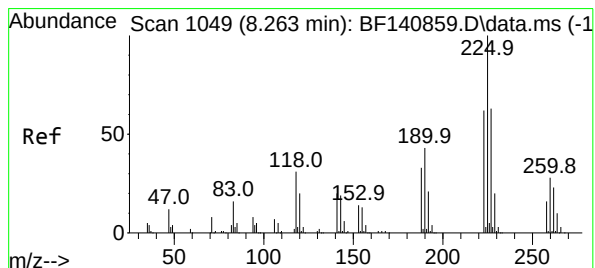
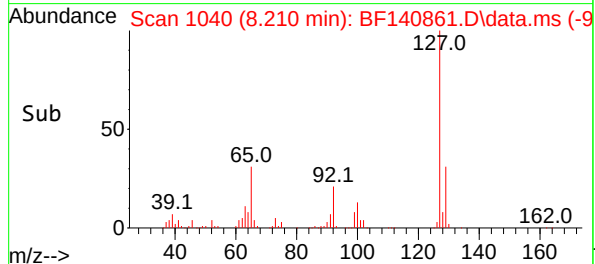
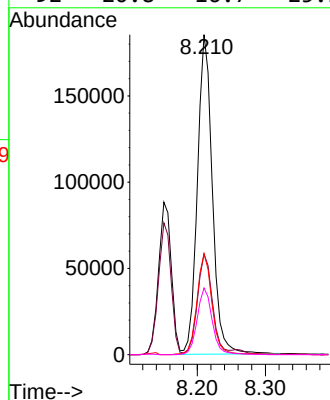
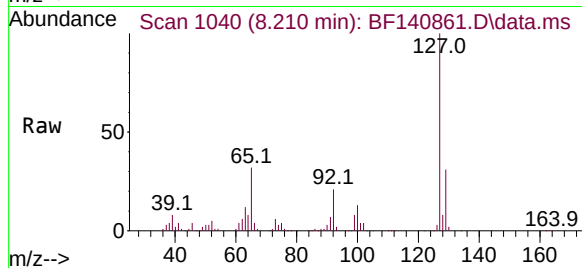
Ion Ratio Lower Upper

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

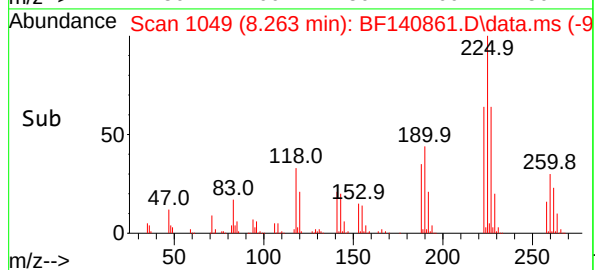
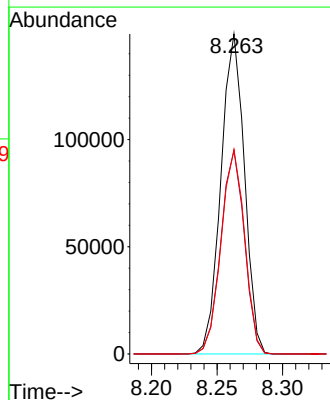
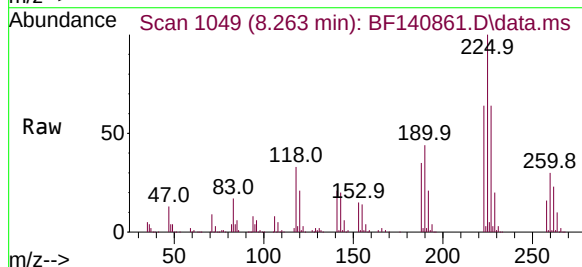
Tgt Ion:225 Resp: 185962

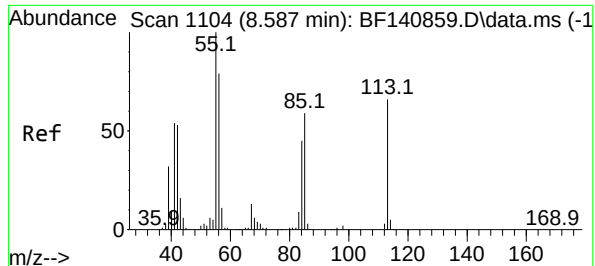
Ion Ratio Lower Upper

225 100

223 63.6 49.6 74.4

227 63.9 50.7 76.1

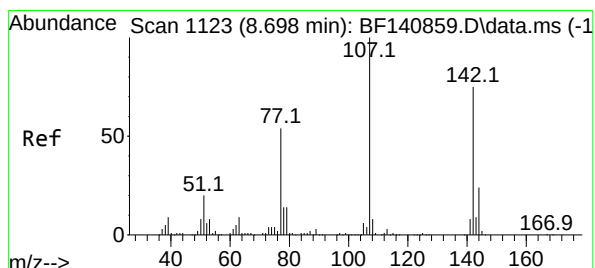
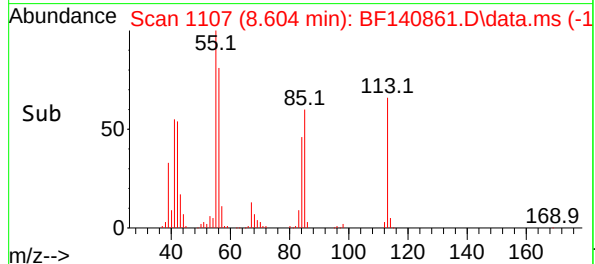
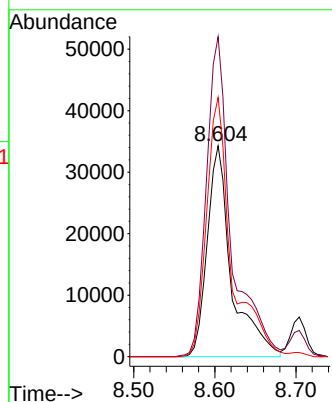
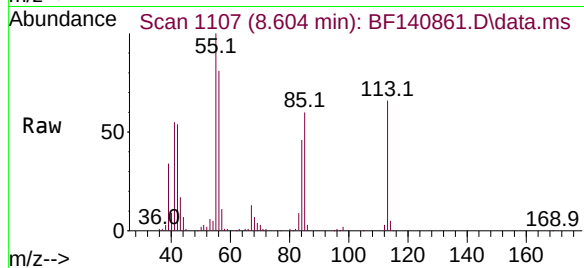




#35
Caprolactam
Concen: 60.761 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.017 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

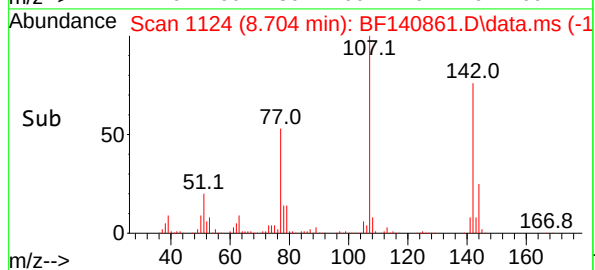
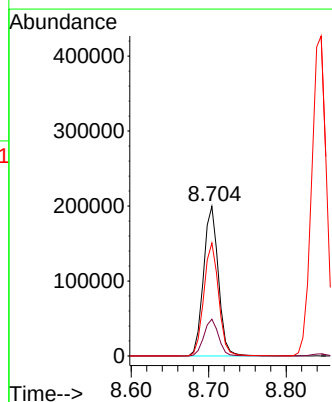
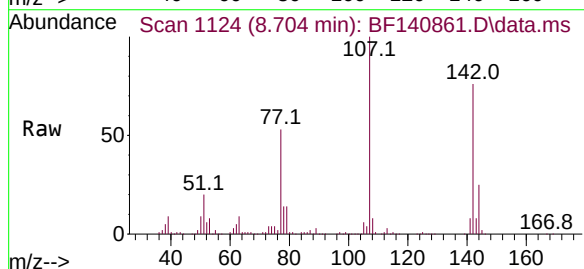
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

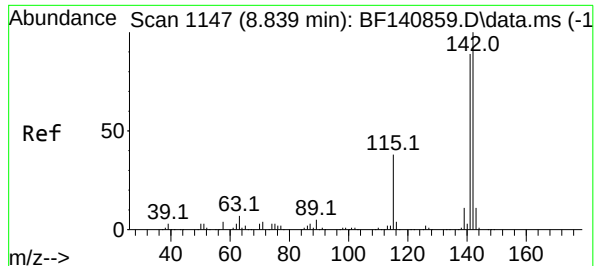
Tgt Ion:113 Resp: 71386
Ion Ratio Lower Upper
113 100
55 151.7 132.3 172.3
56 122.9 100.3 140.3



#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 :

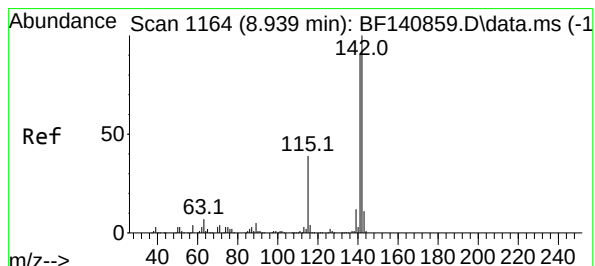
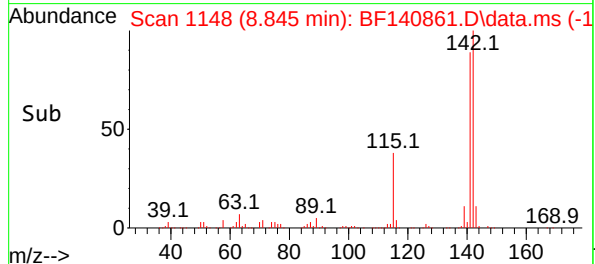
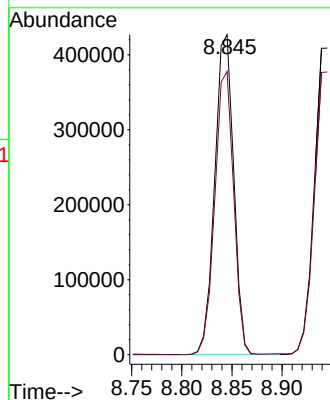
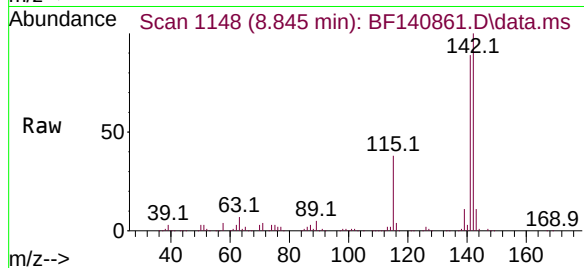
SSTDICC060

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

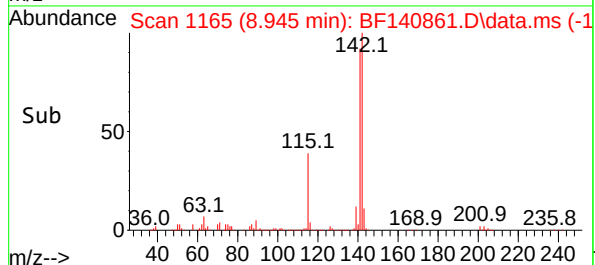
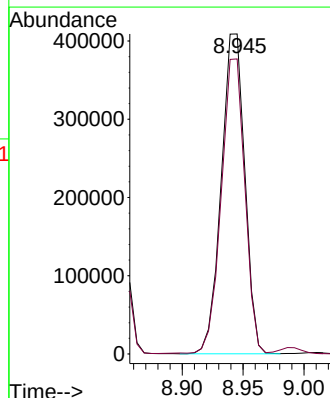
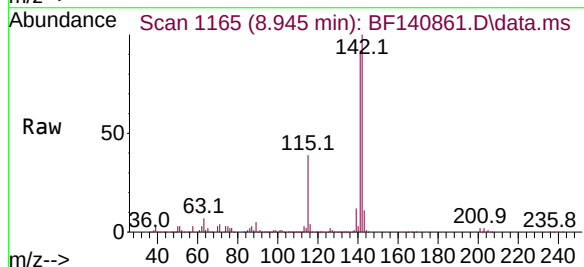
Acq: 16 Dec 2024 15:49

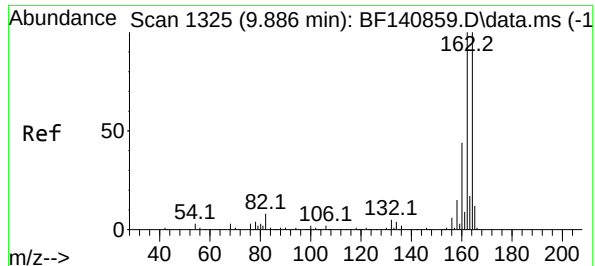
Tgt Ion:142 Resp: 550027

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# 1175

Delta R.T. -0.000 min

Lab File: BF140861.D

Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

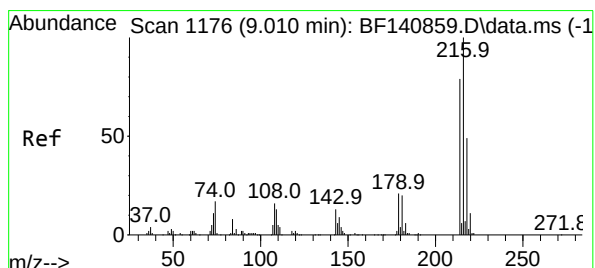
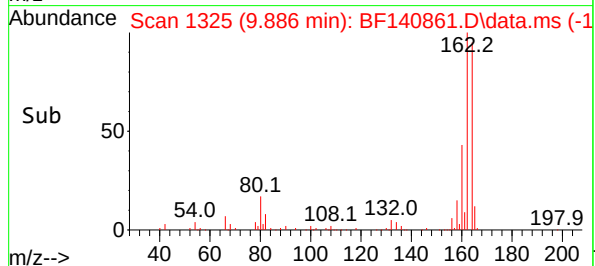
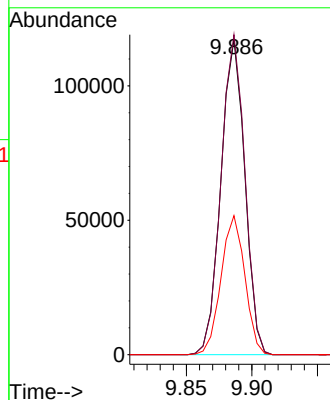
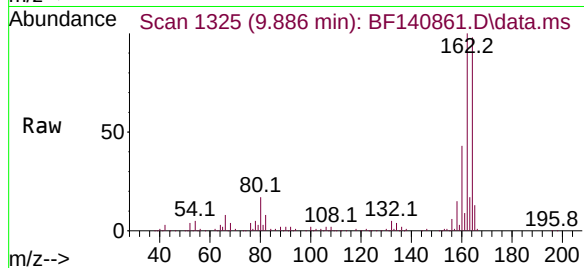
Tgt Ion:164 Resp: 148549

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

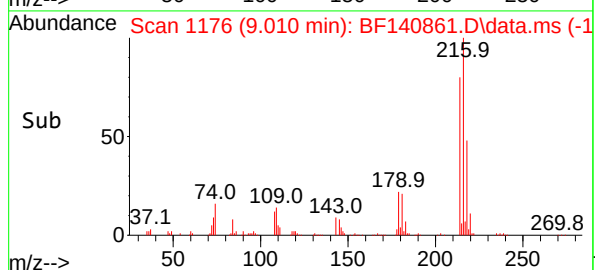
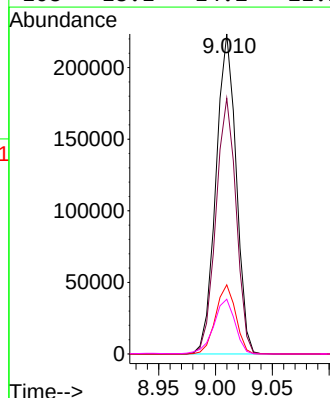
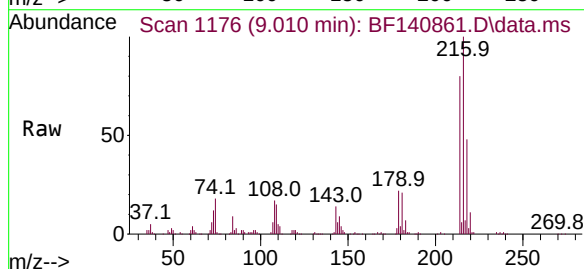
Ion Ratio Lower Upper

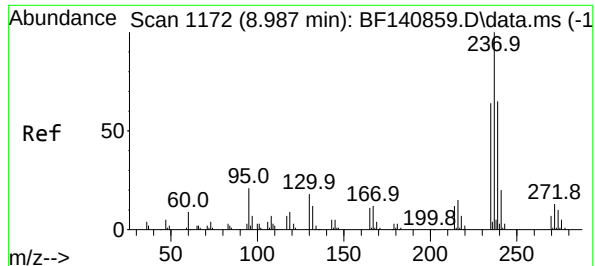
216 100

214 79.7 63.6 95.4

179 21.5 17.0 25.4

108 18.1 14.2 21.2

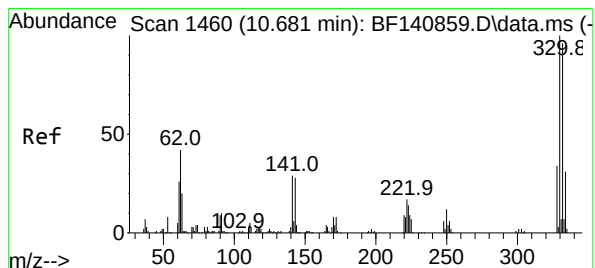
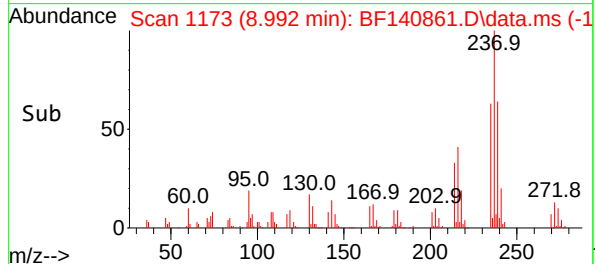
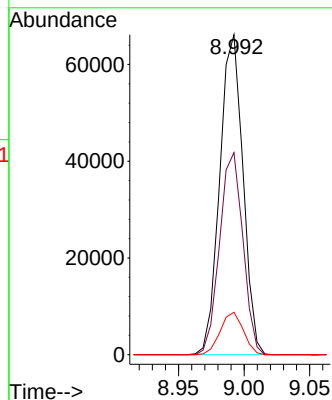
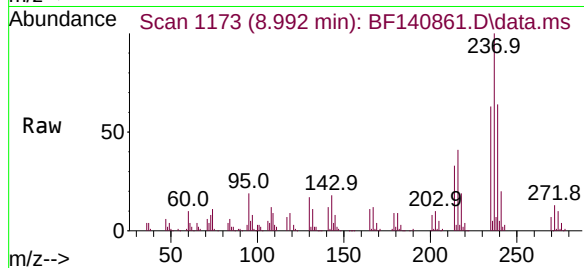




#41
Hexachlorocyclopentadiene
Concen: 60.032 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

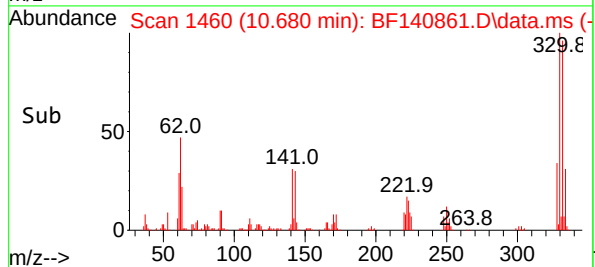
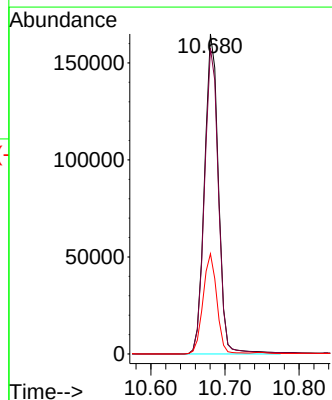
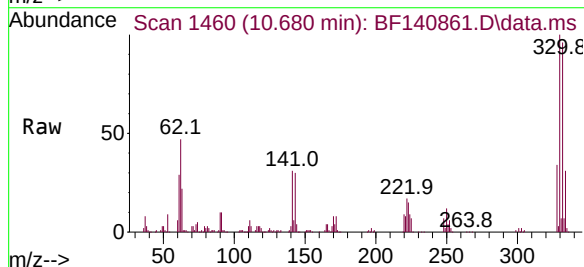
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

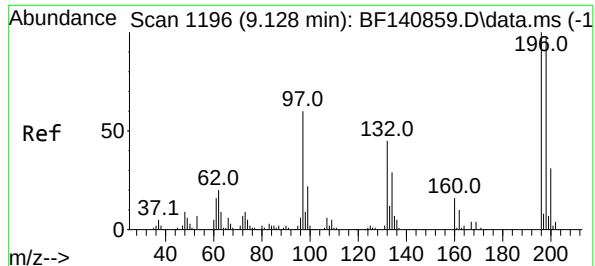
Tgt Ion:237 Resp: 81340
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.2 0.0 32.9



#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

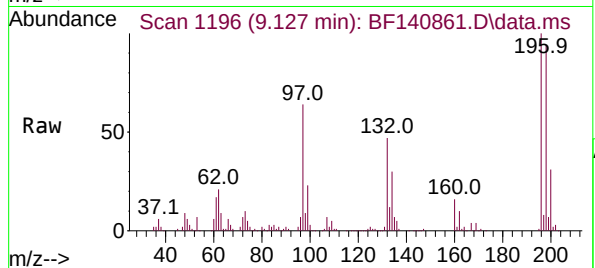
Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



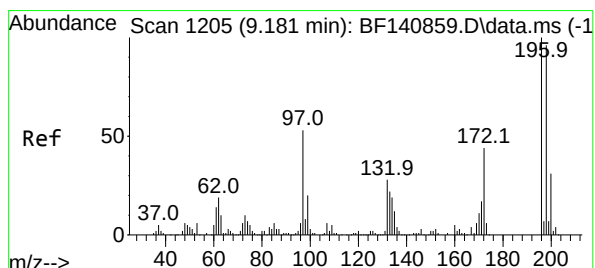
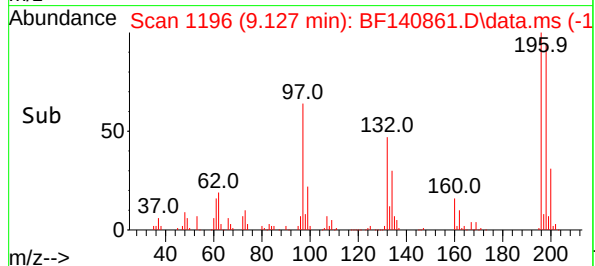
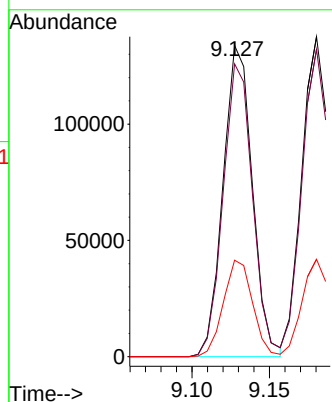
Tgt Ion:196 Resp: 176148

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

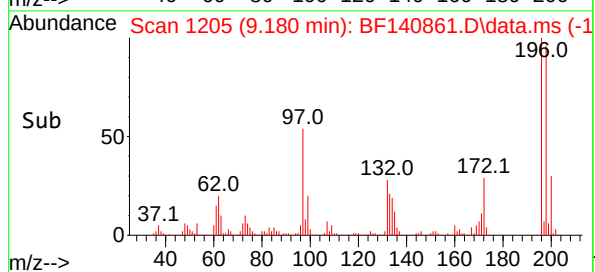
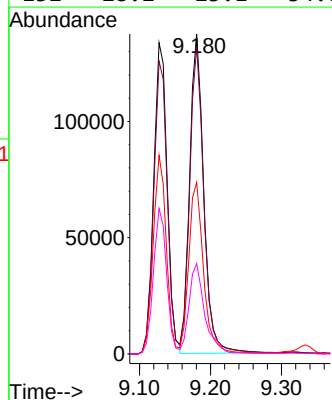
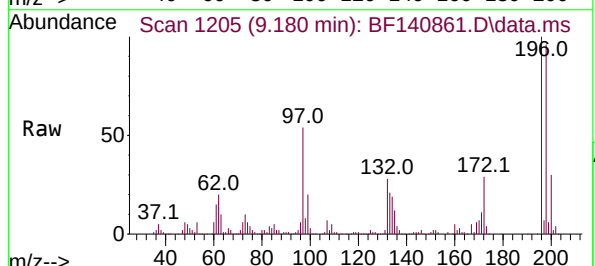
Ion Ratio Lower Upper

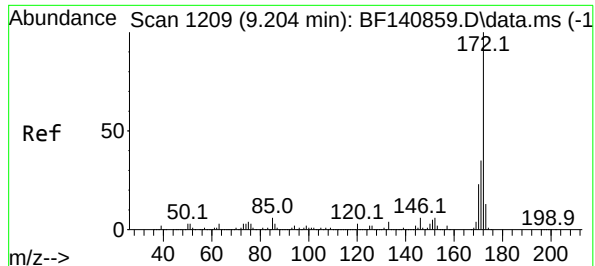
196 100

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

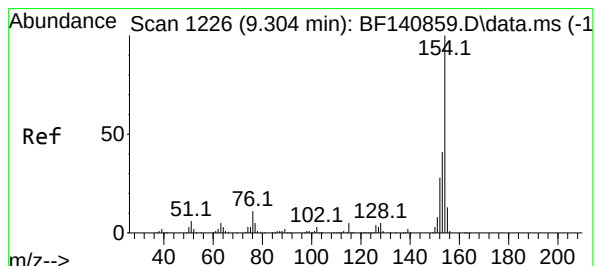
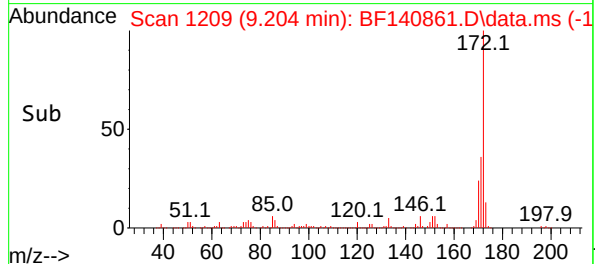
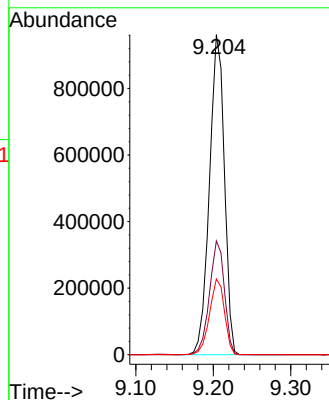
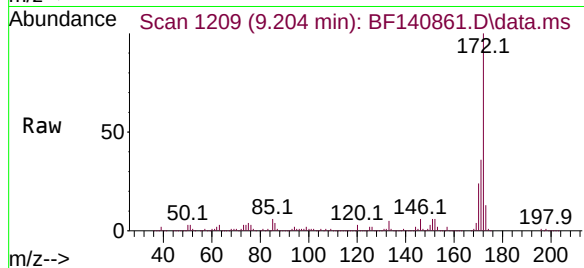
Tgt Ion:172 Resp: 1287749

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

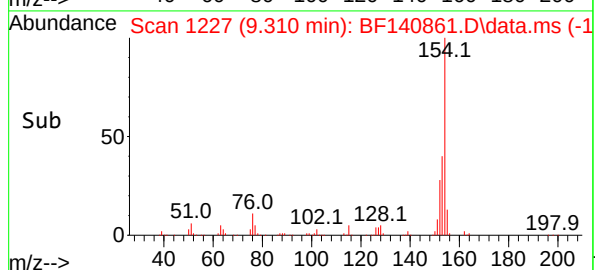
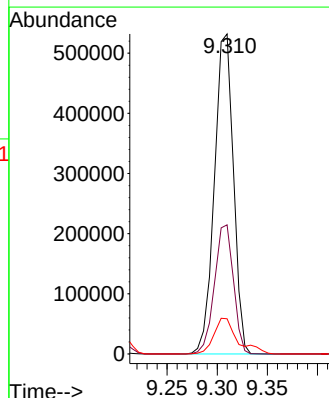
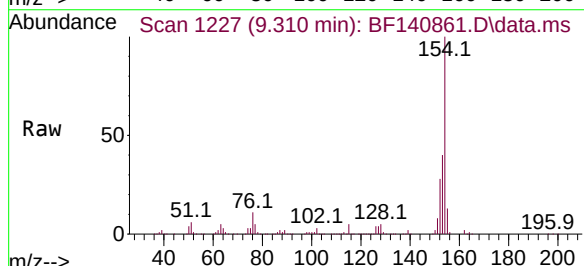
Tgt Ion:154 Resp: 701999

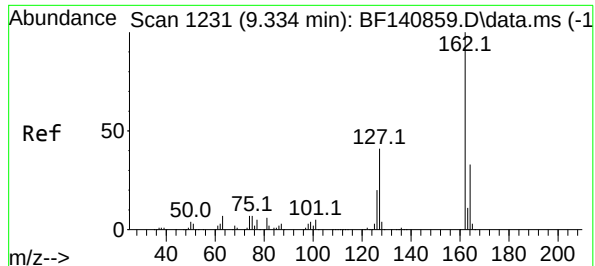
Ion Ratio Lower Upper

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

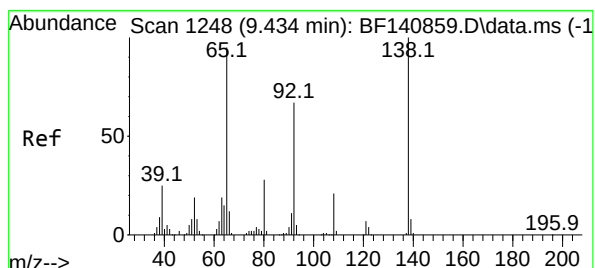
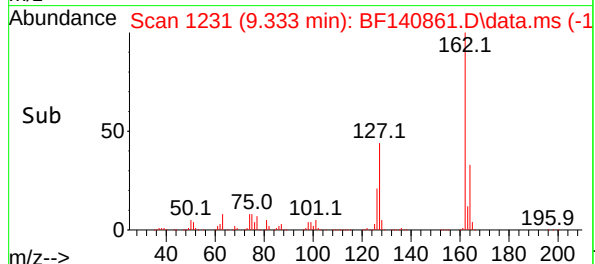
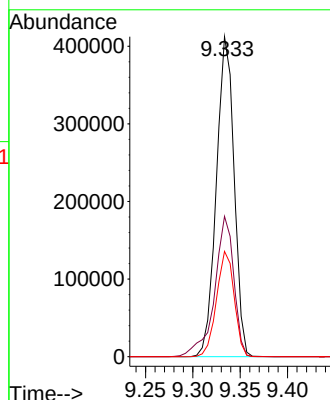
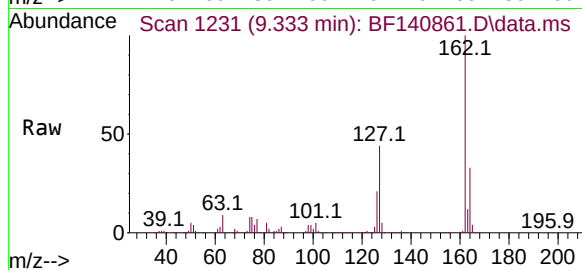
Tgt Ion:162 Resp: 537602

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

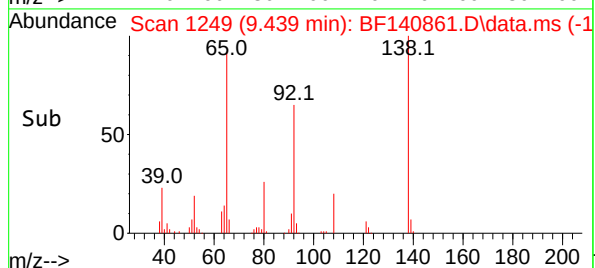
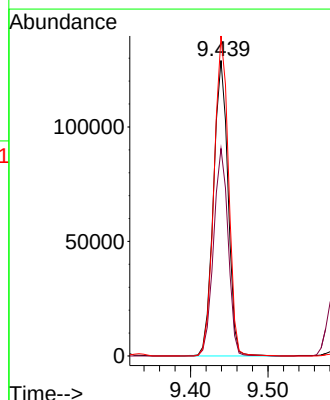
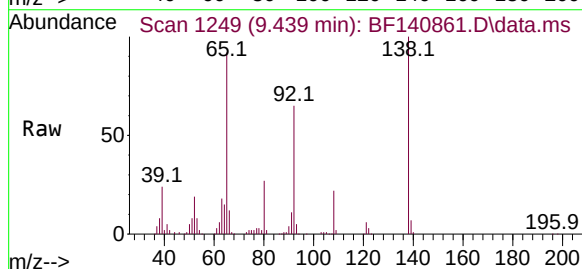
Tgt Ion: 65 Resp: 168378

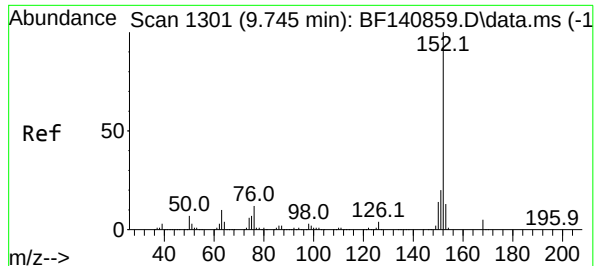
Ion Ratio Lower Upper

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

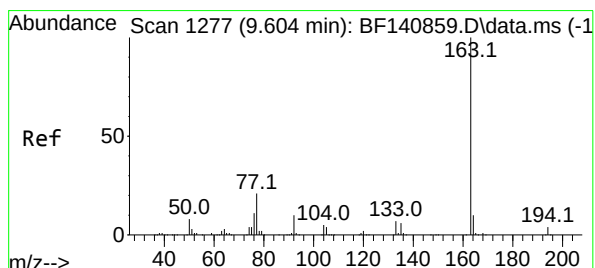
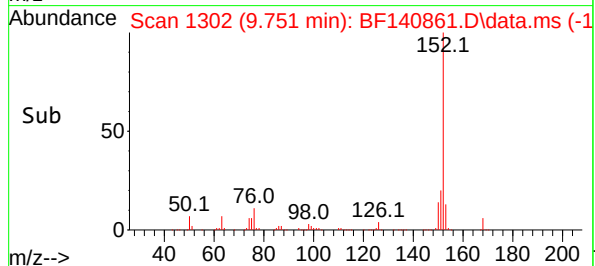
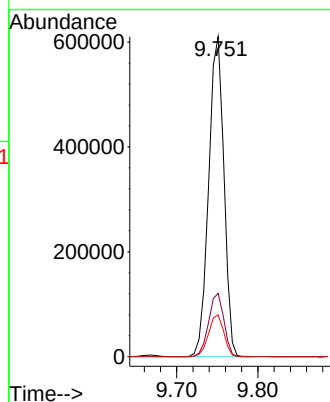
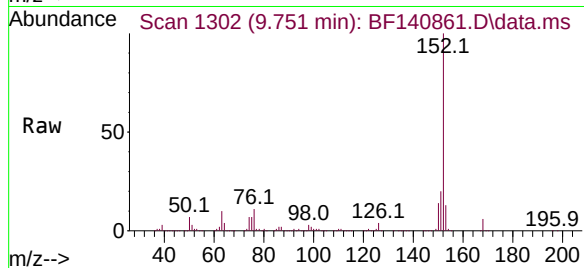
Tgt Ion:152 Resp: 794616

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

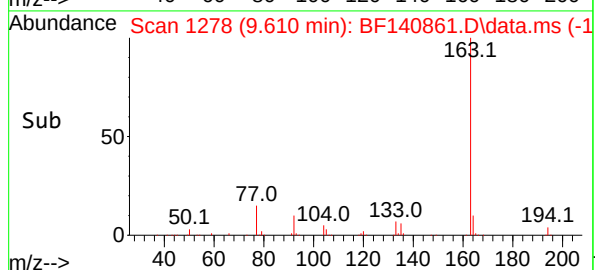
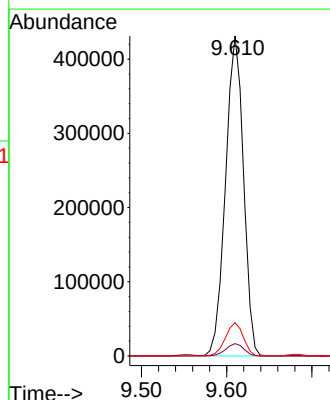
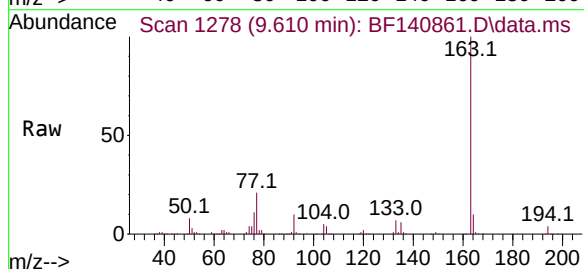
Tgt Ion:163 Resp: 631578

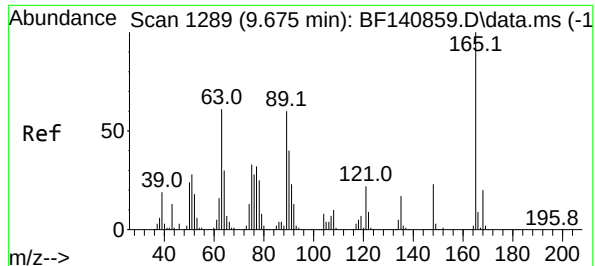
Ion Ratio Lower Upper

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 :

SSTDIC060

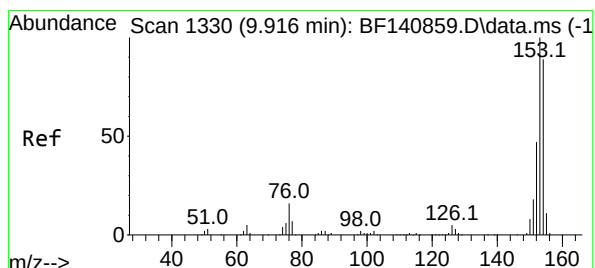
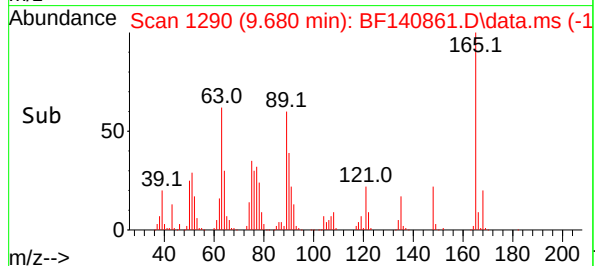
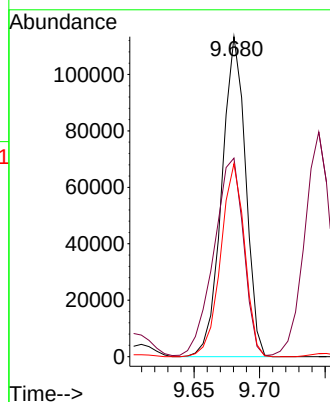
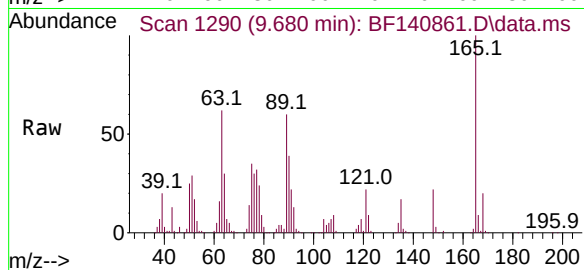
Tgt Ion:165 Resp: 143106

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

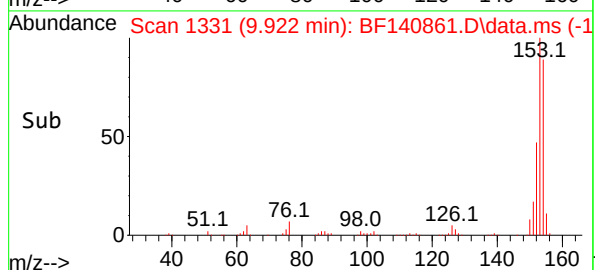
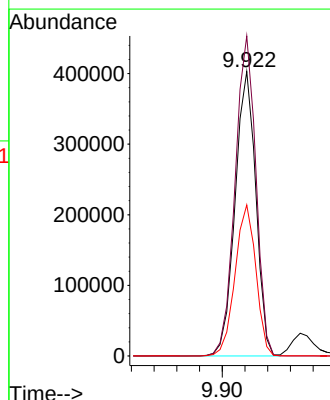
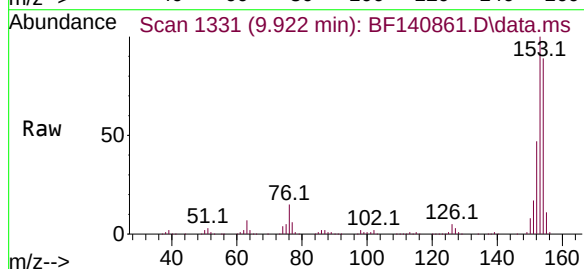
Tgt Ion:154 Resp: 511499

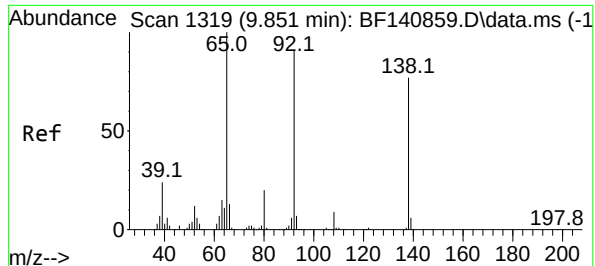
Ion Ratio Lower Upper

154 100

153 112.5 89.9 134.9

152 53.1 42.6 63.8

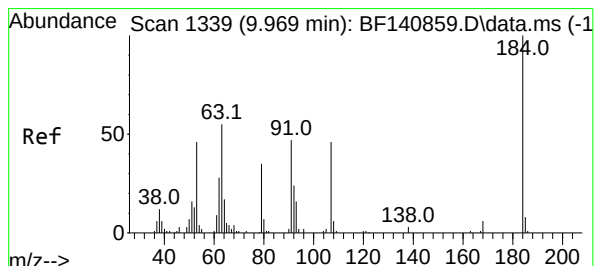
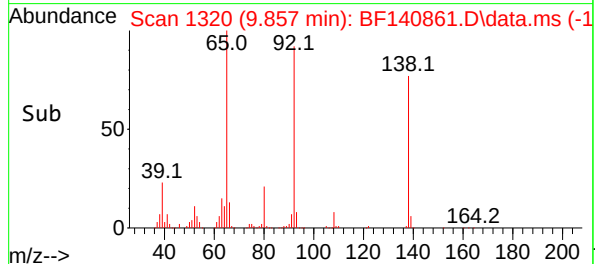
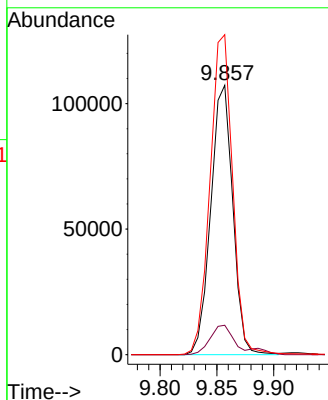
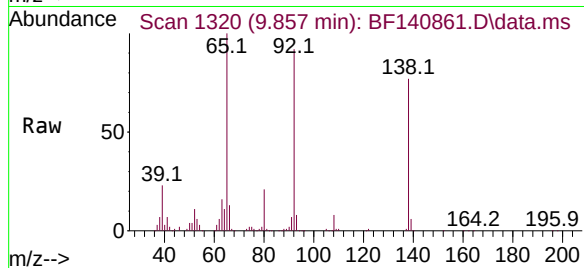




#53
3-Nitroaniline
Concen: 60.971 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

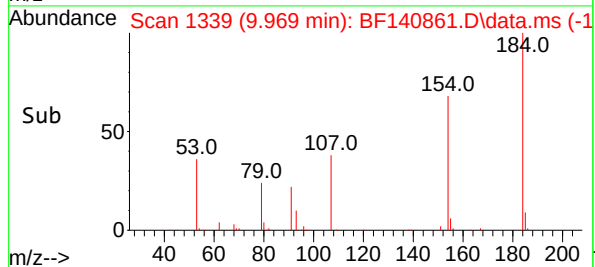
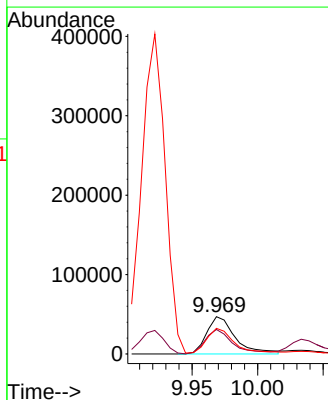
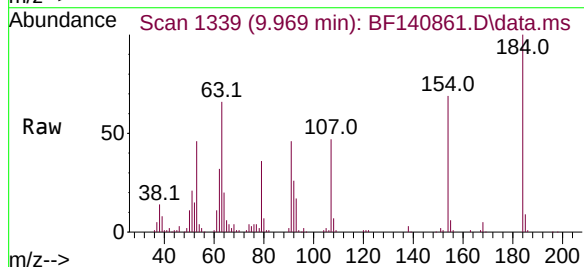
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

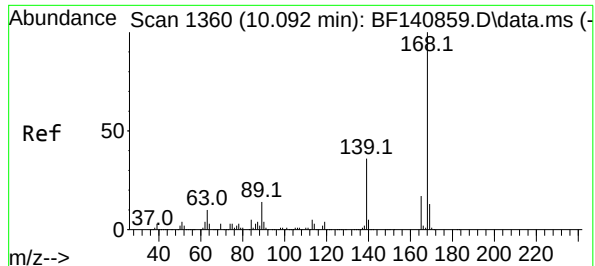
Tgt Ion:138 Resp: 144867
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 118.7 95.5 143.3



#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

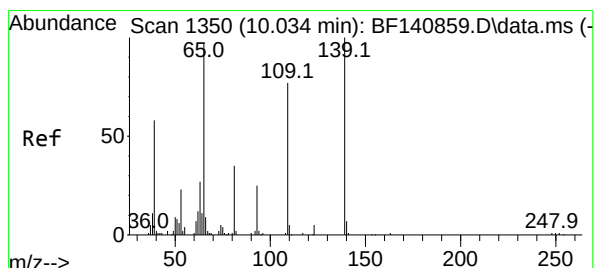
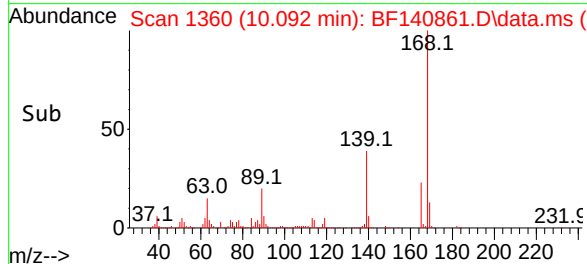
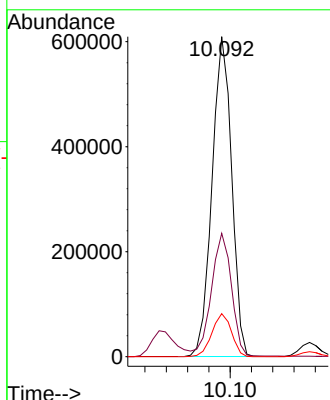
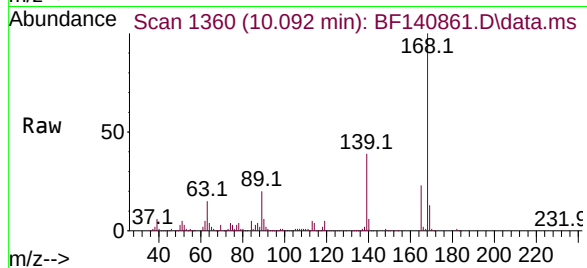




#55
Dibenzenofuran
Concen: 59.193 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

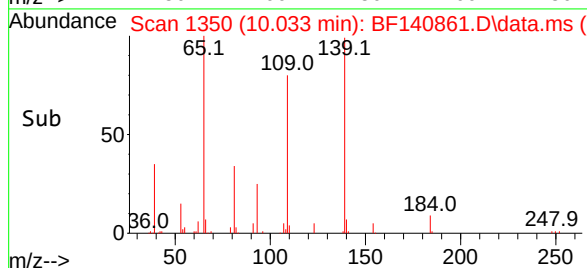
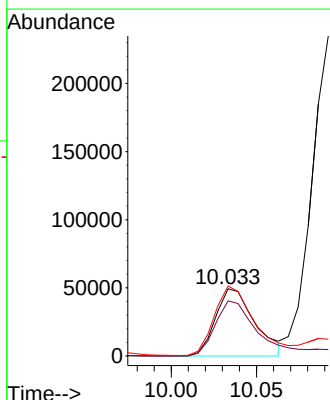
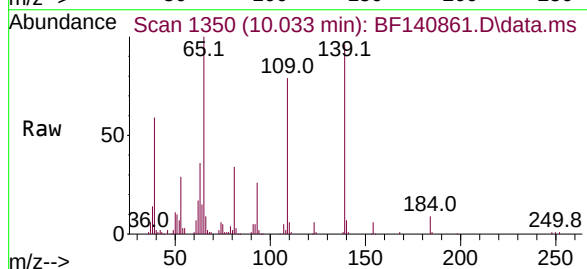
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

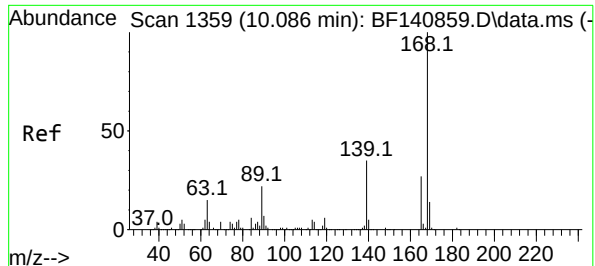
Tgt Ion:168 Resp: 778085
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.5 10.6 16.0



#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

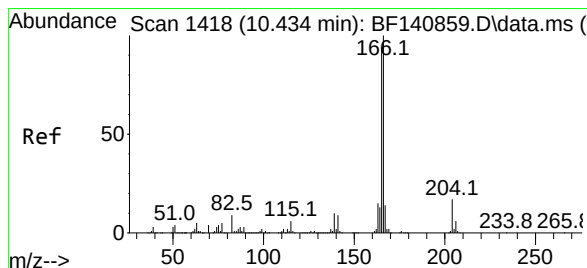
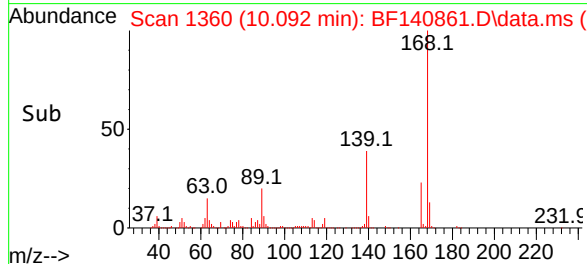
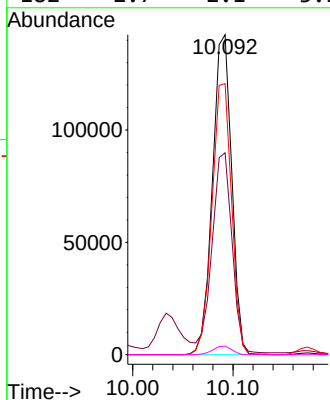
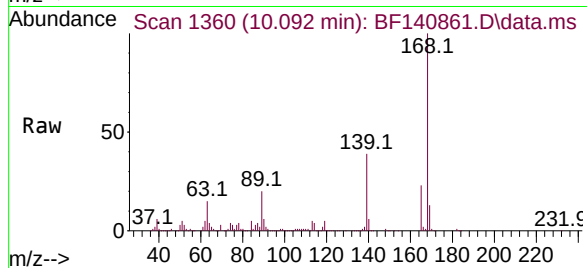




#57
2,4-Dinitrotoluene
Concen: 60.246 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

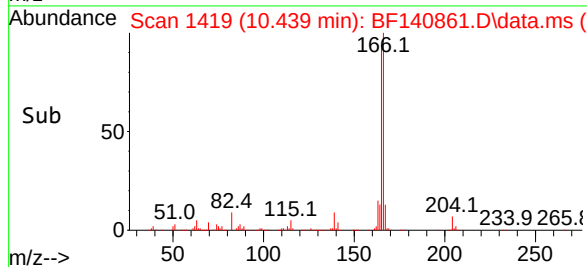
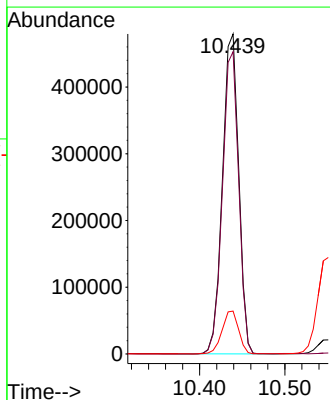
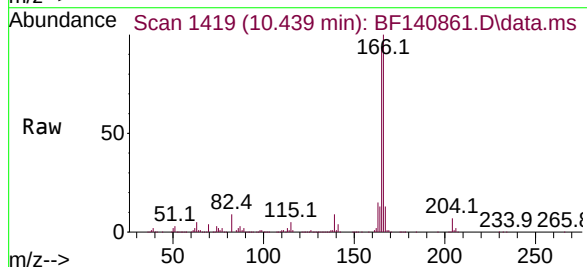
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

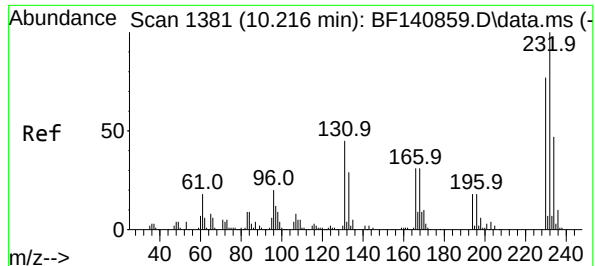
Tgt Ion:165 Resp: 189784
Ion Ratio Lower Upper
165 100
63 63.1 49.3 73.9
89 84.7 66.2 99.4
182 2.7 2.1 3.1



#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

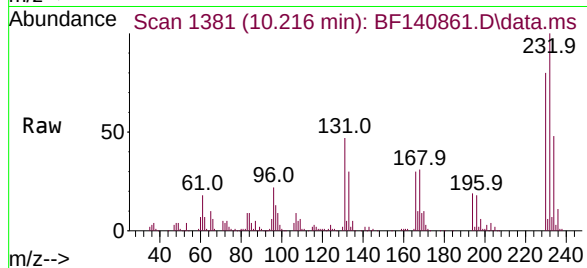
Tgt Ion:166 Resp: 634898
Ion Ratio Lower Upper
166 100
165 94.5 75.1 112.7
167 13.4 11.1 16.7



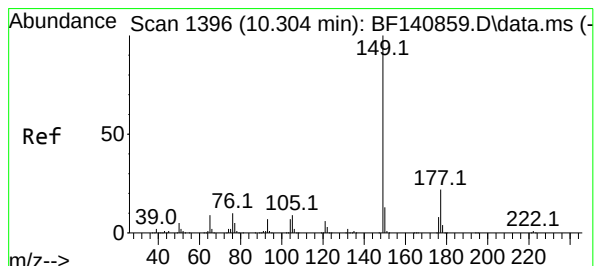
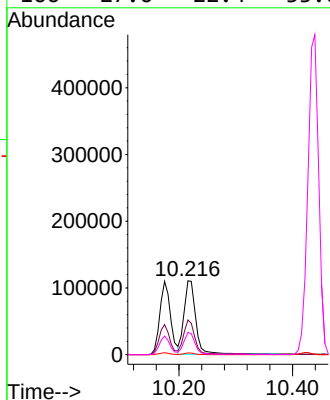
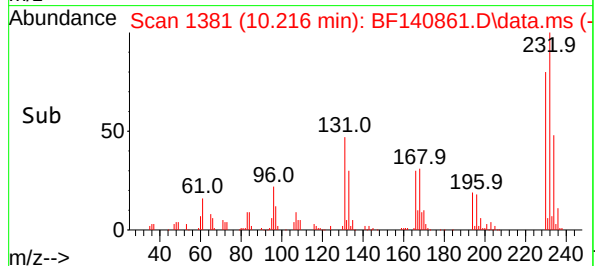


#59
2,3,4,6-Tetrachlorophenol
Concen: 63.281 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

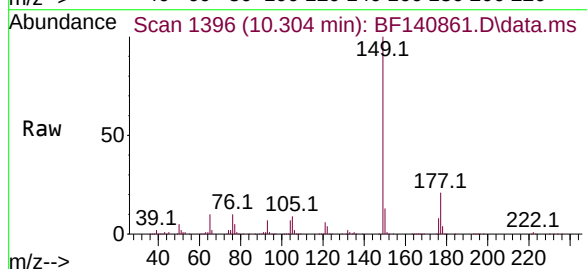
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



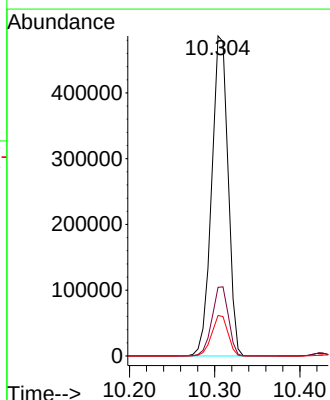
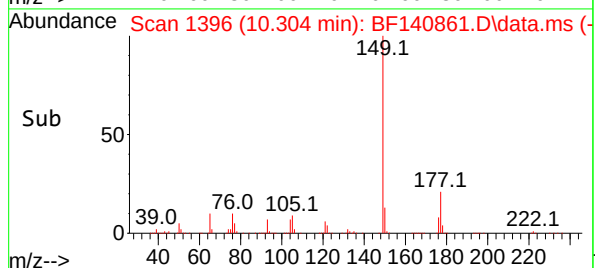
Tgt Ion:232 Resp: 158455
Ion Ratio Lower Upper
232 100
131 44.9 35.1 52.7
130 2.2 1.8 2.8
166 27.6 22.4 33.6

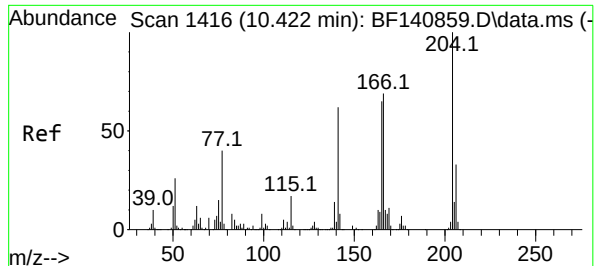


#60
Diethylphthalate
Concen: 59.961 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49



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

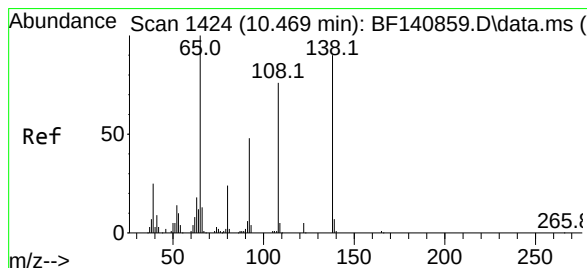
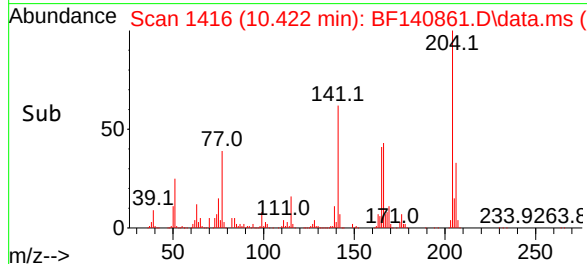
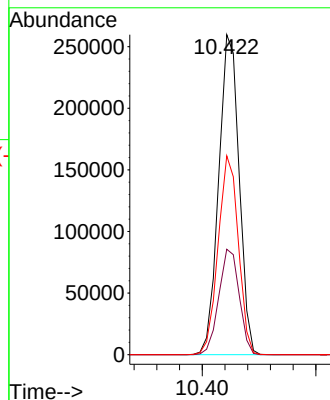
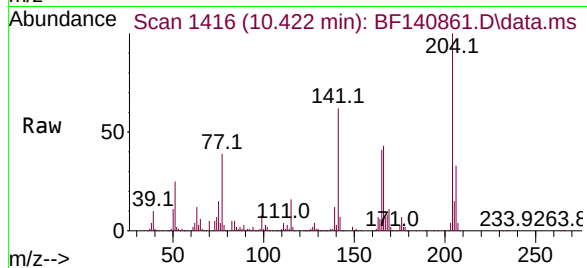




#61
4-Chlorophenyl-phenylether
Concen: 59.539 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

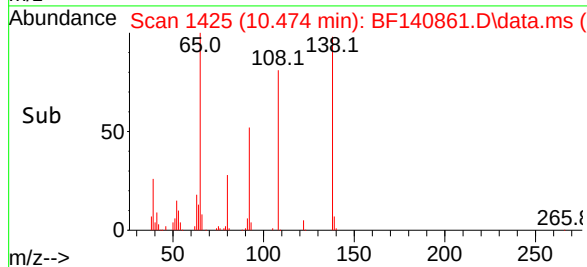
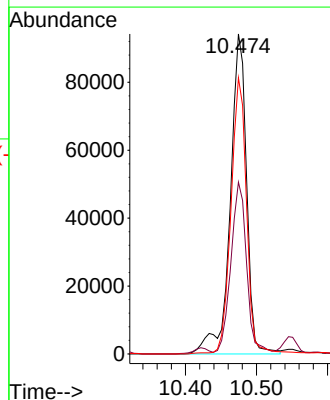
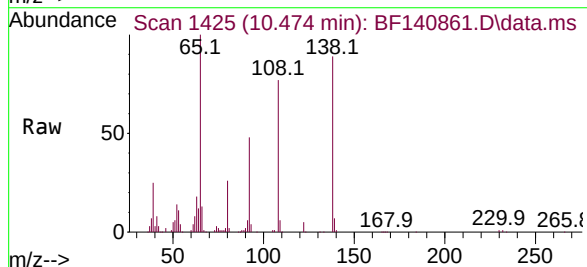
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

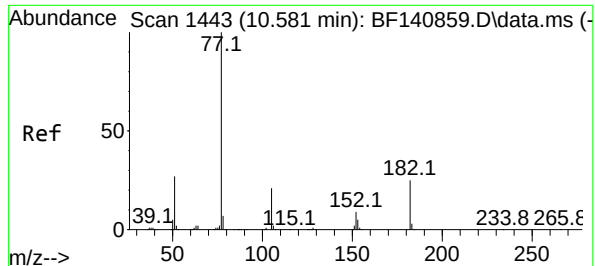
Tgt Ion:204 Resp: 324333
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.1 50.0 75.0



#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

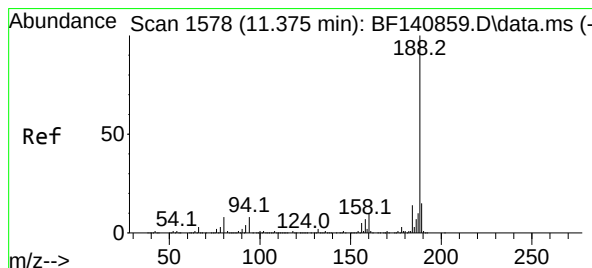
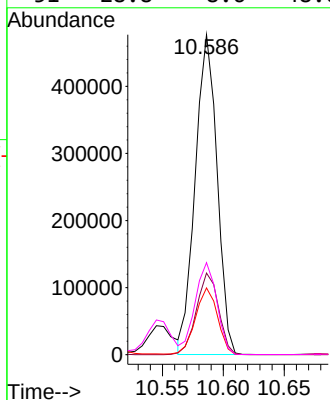
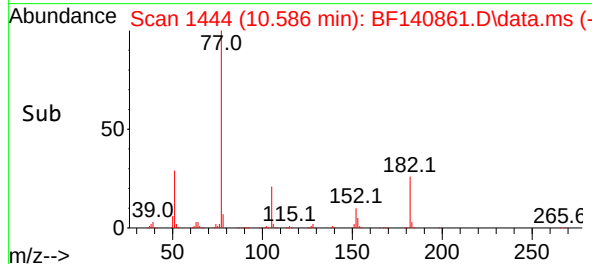
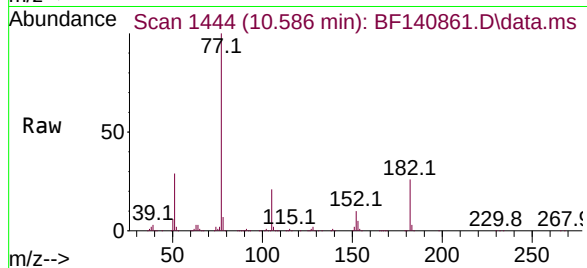




#63
Azobenzene
Concen: 58.245 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

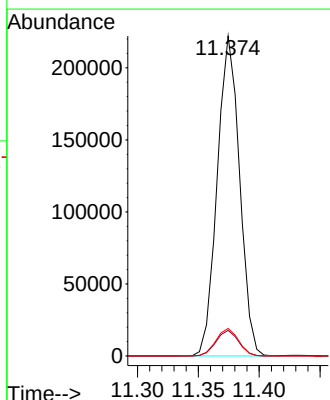
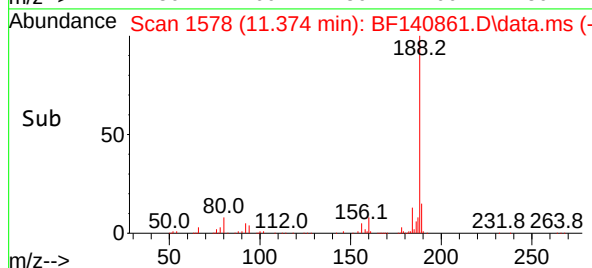
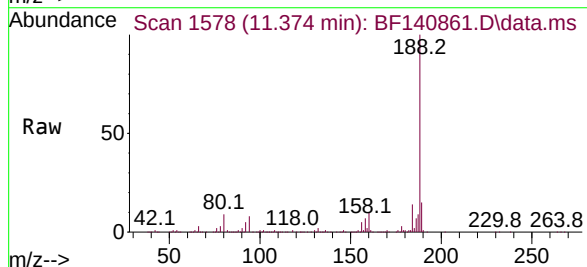
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

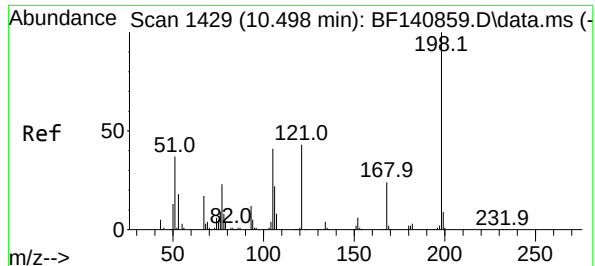
Tgt Ion: 77	Resp: 594674
Ion Ratio	Lower Upper
77 100	
182 25.5	4.5 44.5
105 20.8	0.9 40.9
51 28.8	8.6 48.6



#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

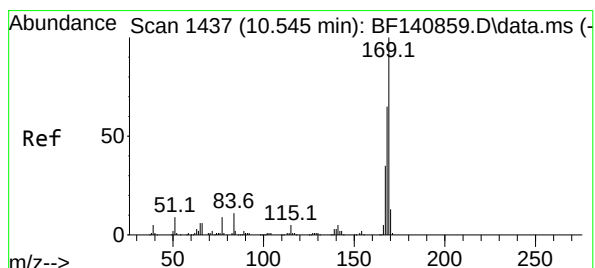
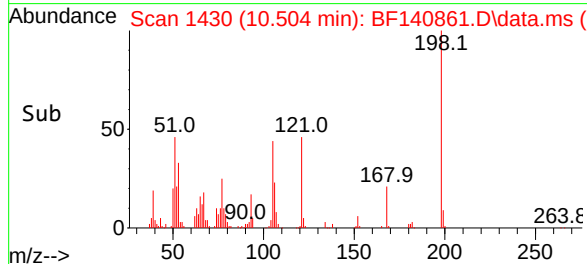
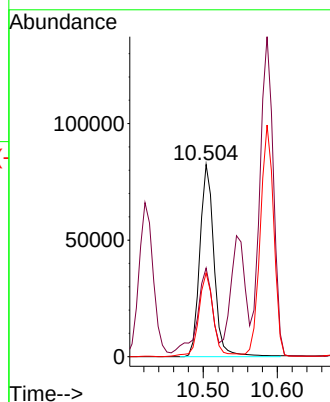
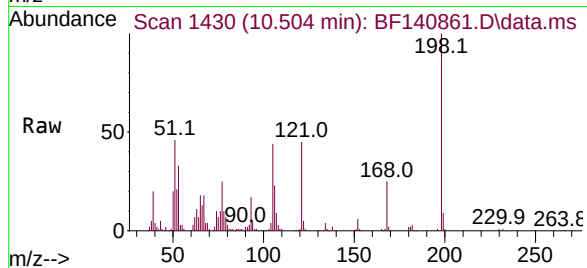




#65
4,6-Dinitro-2-methylphenol
Concen: 68.263 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

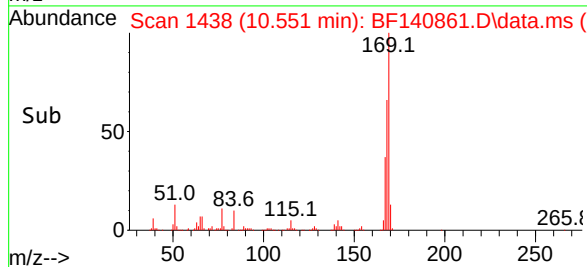
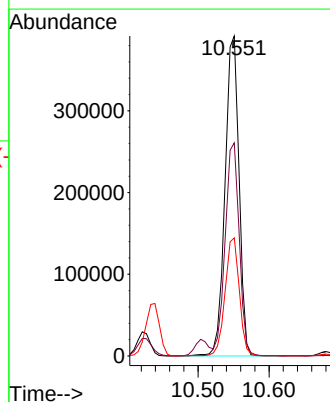
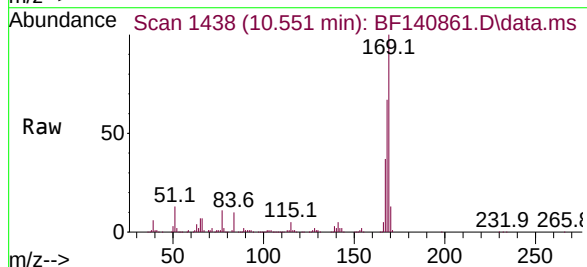
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

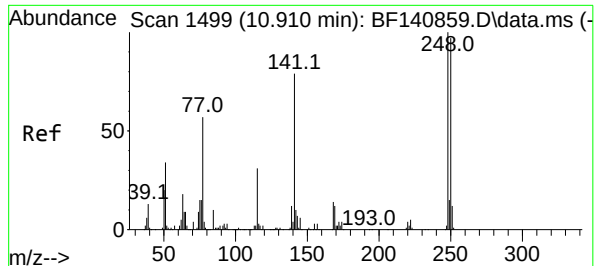
Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.2	24.4	64.4
105	43.6	22.1	62.1



#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

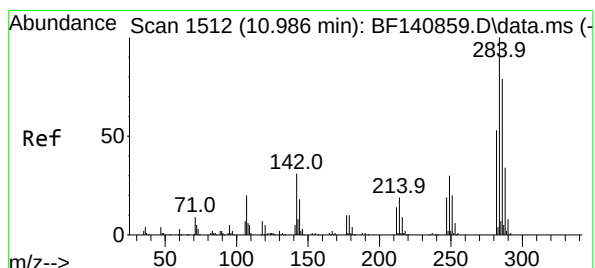
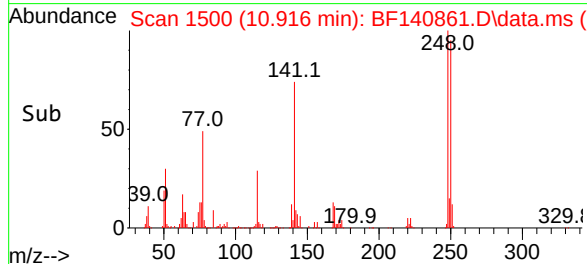
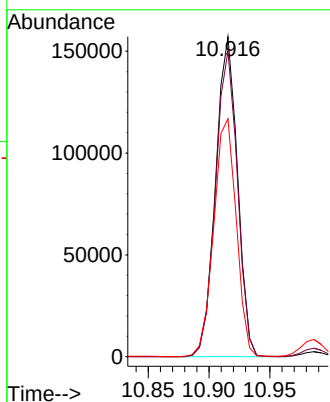
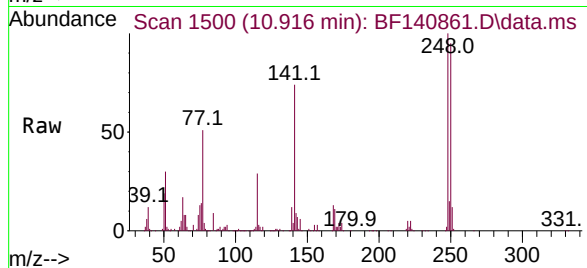




#67
4-Bromophenyl-phenylether
Concen: 61.907 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

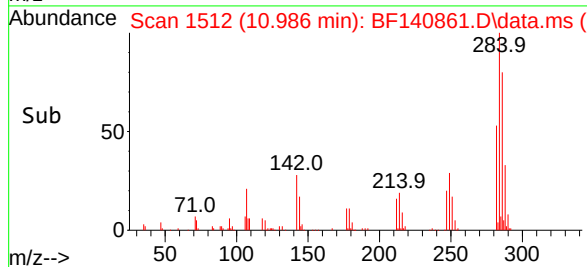
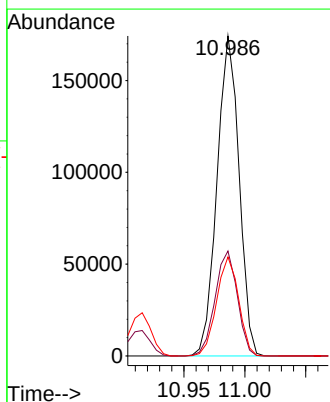
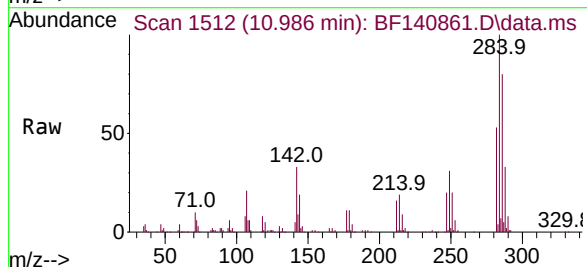
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

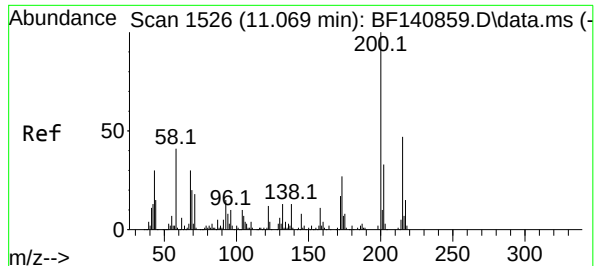
Tgt Ion:248 Resp: 196628
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 74.3 62.9 94.3



#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

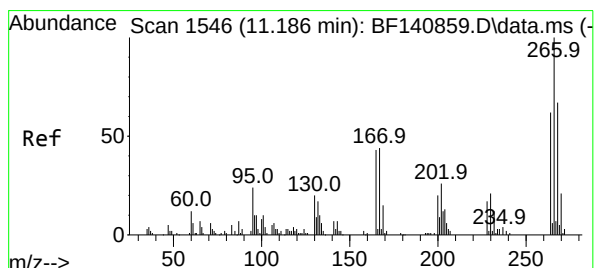
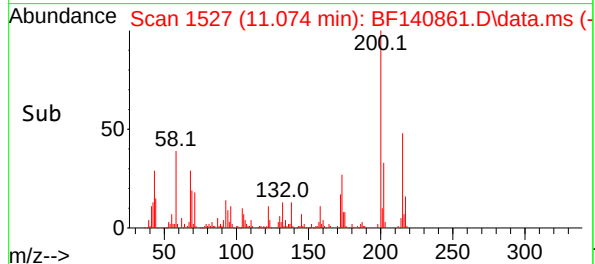
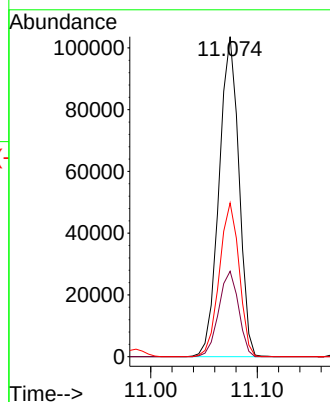
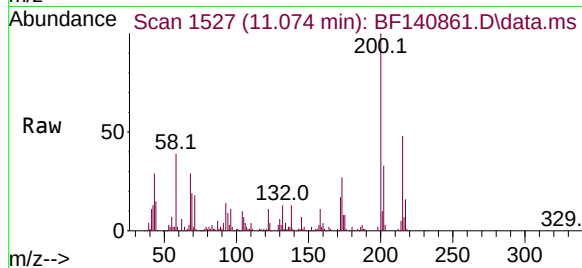




#69
Atrazine
Concen: 54.965 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

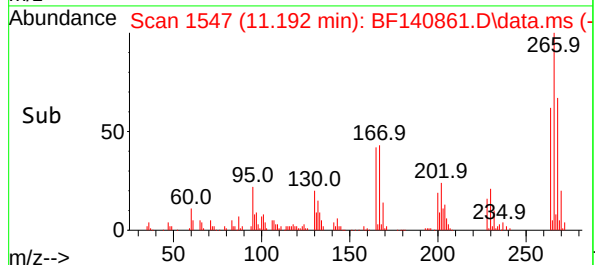
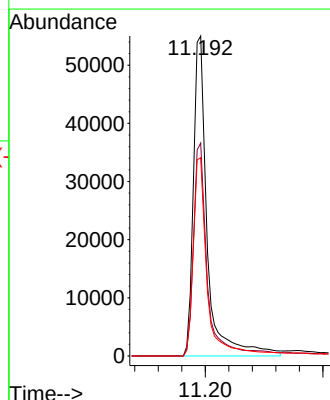
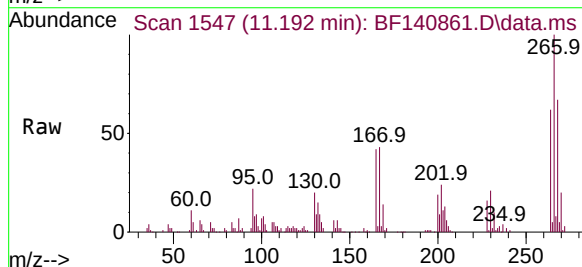
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

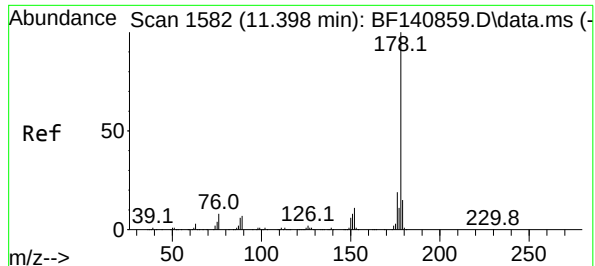
Tgt Ion	200	173	215
Resp:	134000		
Ratio	100	26.7	48.1
Lower		6.6	26.7
Upper		46.6	66.7



#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	266	268	264
Resp:	90656		
Ratio	100	66.6	62.0
Lower		54.0	49.4
Upper		81.0	74.2

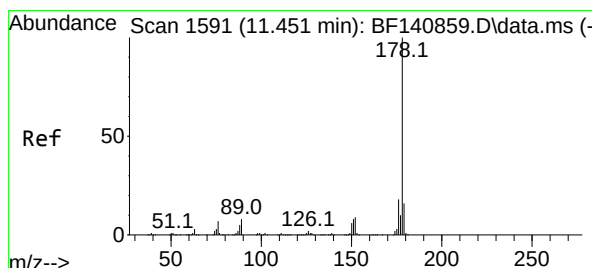
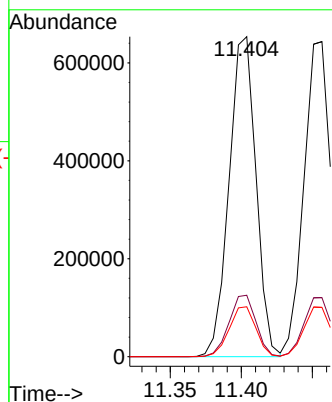
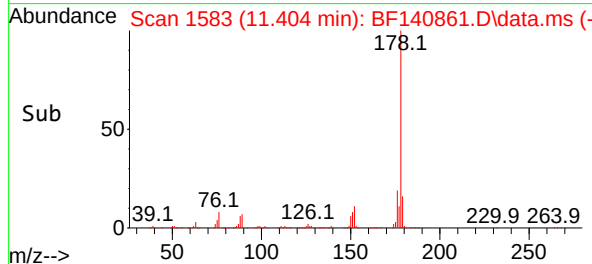
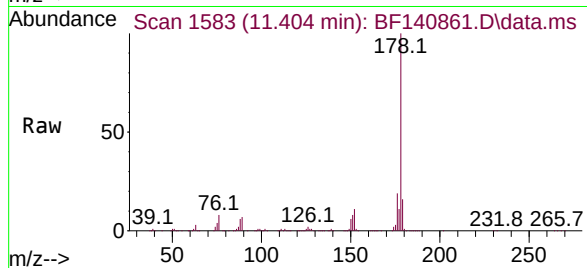




#71
Phenanthrene
Concen: 59.118 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

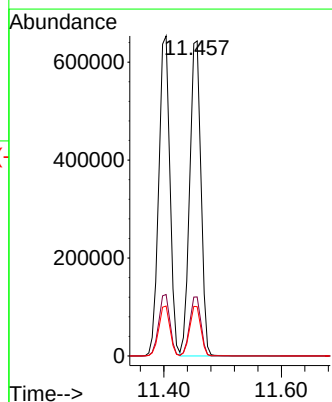
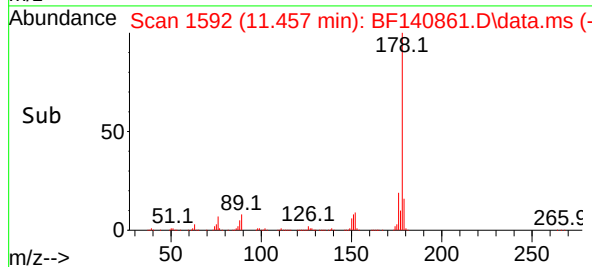
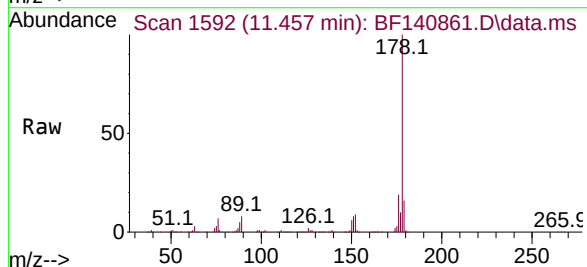
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

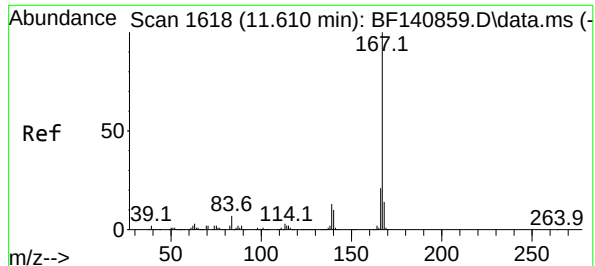
Tgt Ion:178 Resp: 863112
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#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

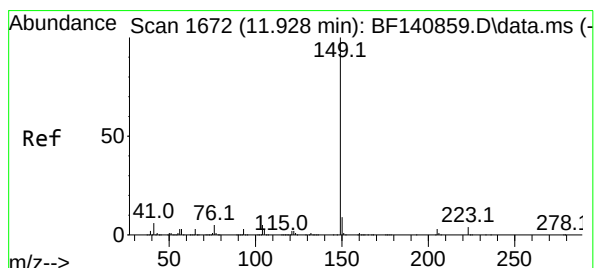
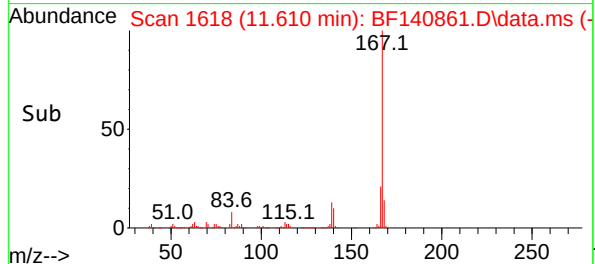
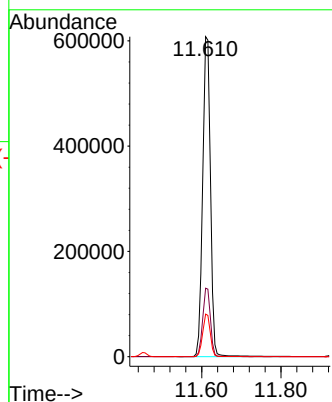
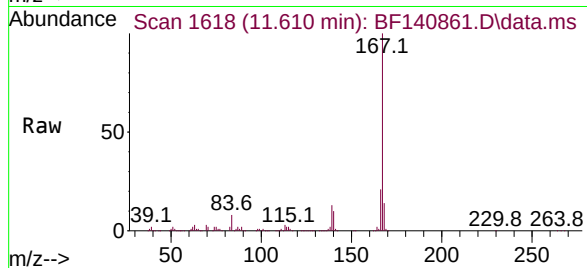




#73
Carbazole
Concen: 58.682 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

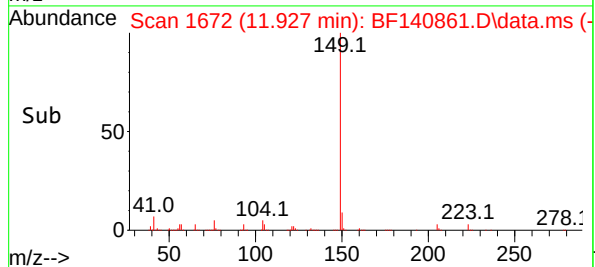
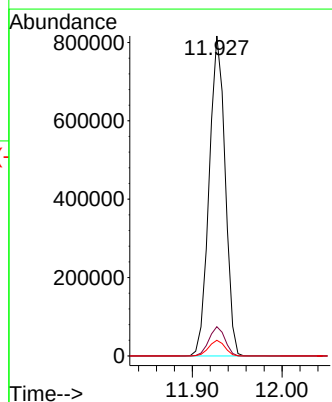
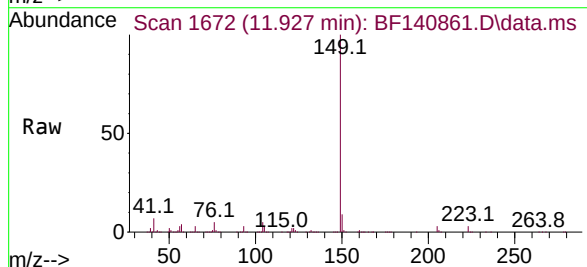
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

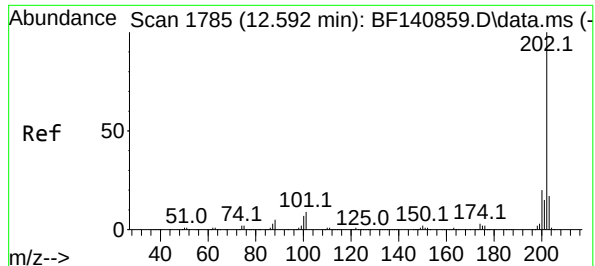
Tgt Ion:167 Resp: 826415
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 13.3 10.2 15.2



#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

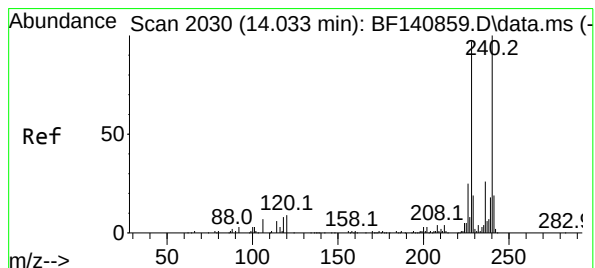
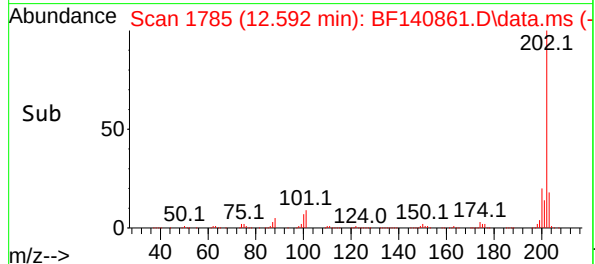
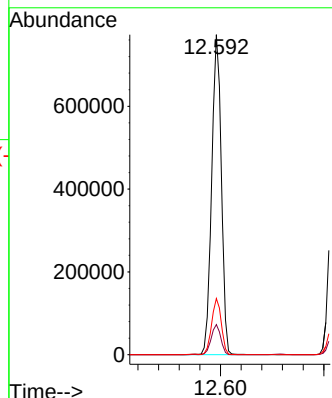
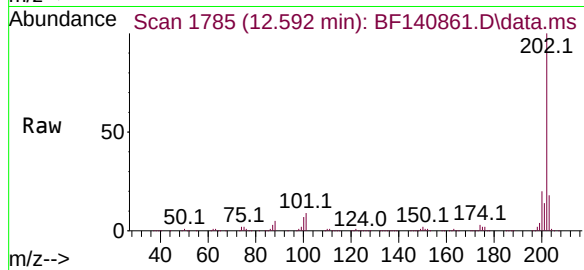




#75
Fluoranthene
Concen: 59.520 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

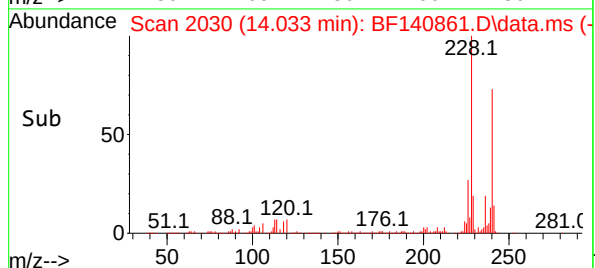
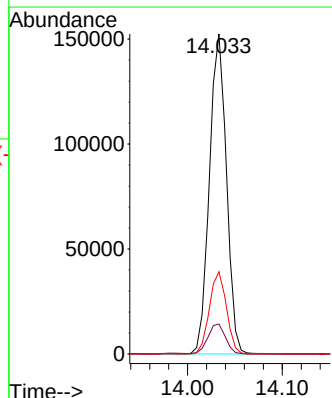
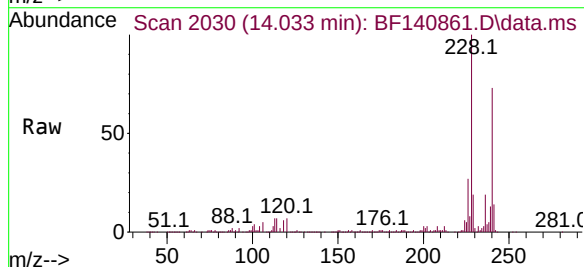
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

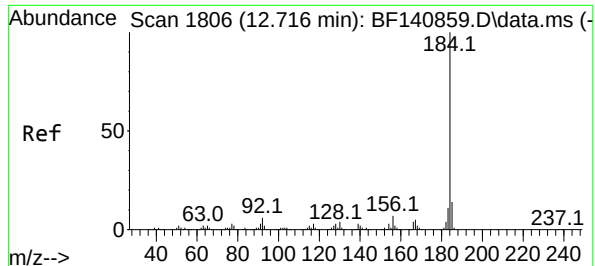
Tgt Ion:202 Resp: 1000773
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.5 0.0 37.4



#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

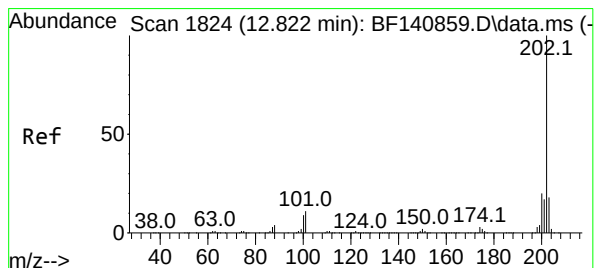
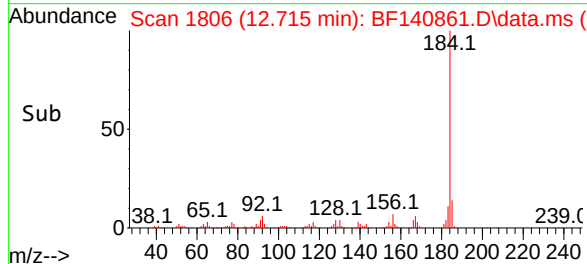
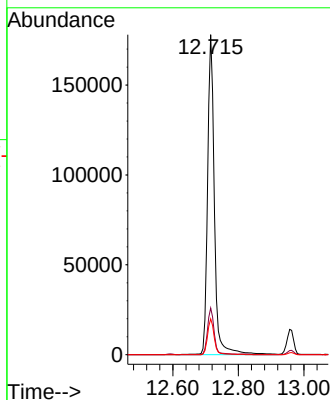
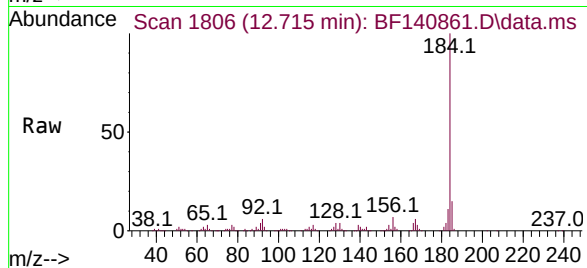




#77
Benzidine
Concen: 66.762 ng
RT: 12.715 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

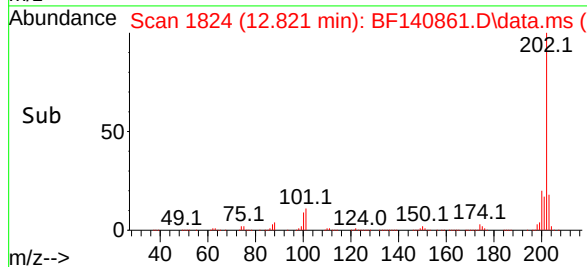
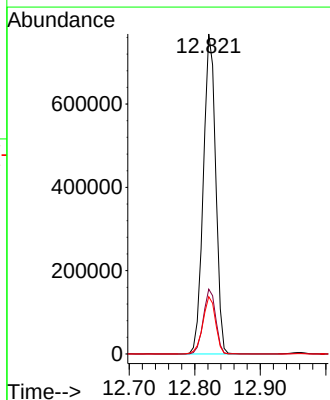
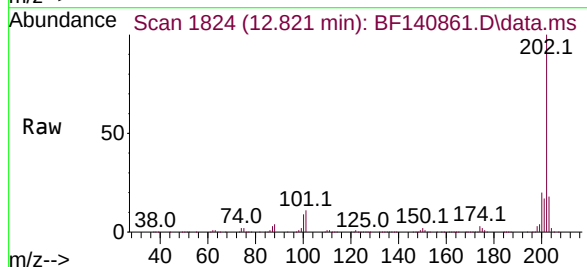
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

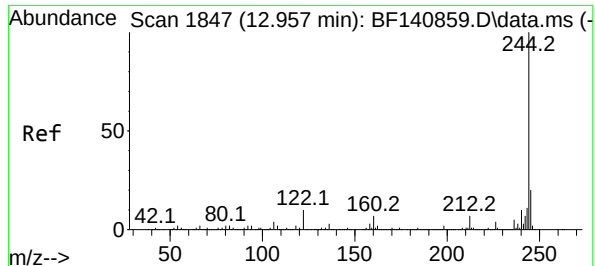
Tgt Ion:184 Resp: 258833
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 11.2 9.0 13.4



#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

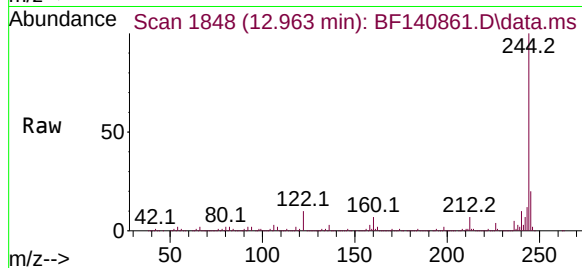
Acq: 16 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



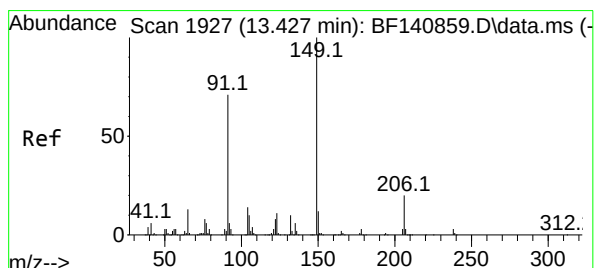
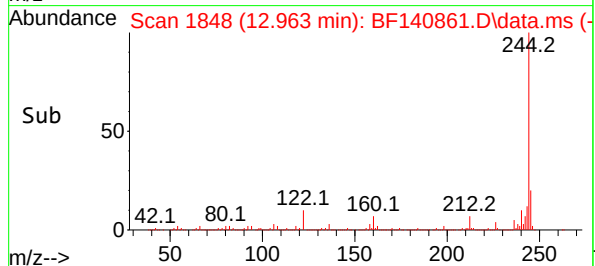
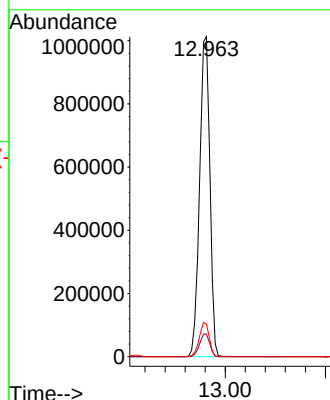
Tgt Ion:244 Resp: 1435829

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

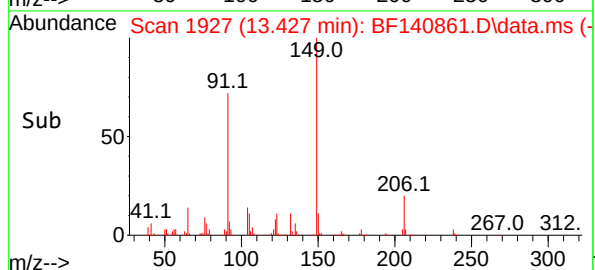
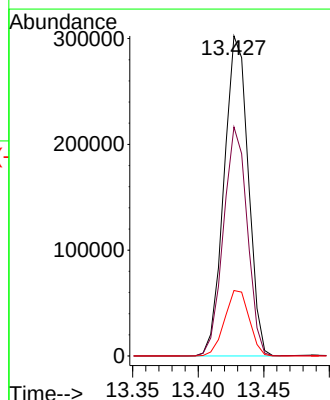
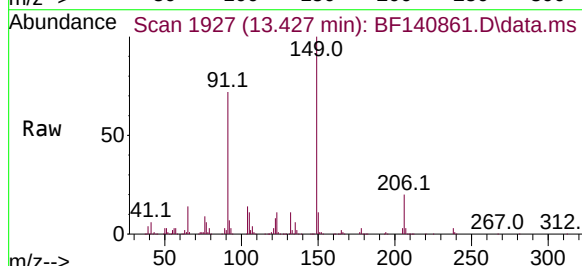
Tgt Ion:149 Resp: 387906

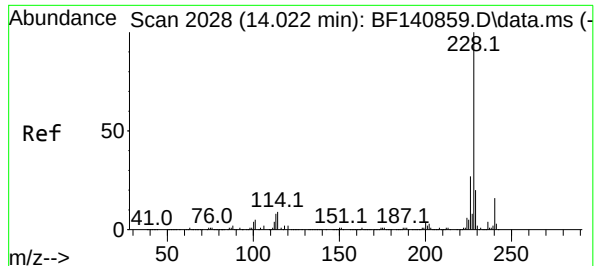
Ion Ratio Lower Upper

149 100

91 71.6 56.7 85.1

206 20.5 16.4 24.6

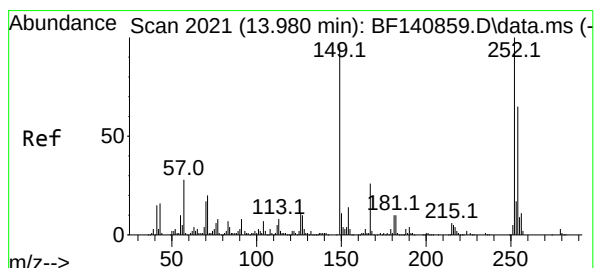
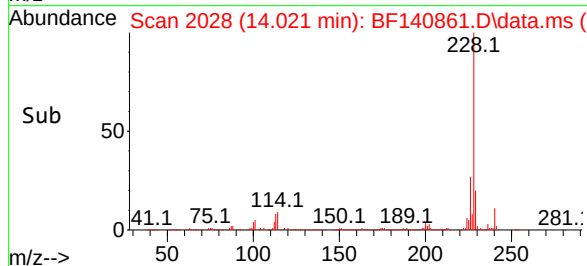
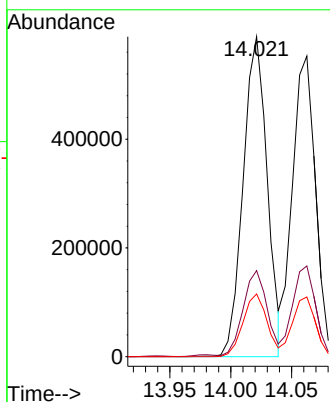
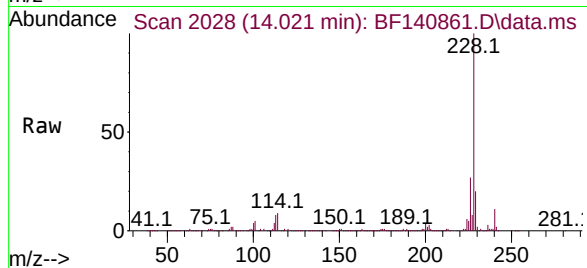




#81
Benzo(a)anthracene
Concen: 60.019 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

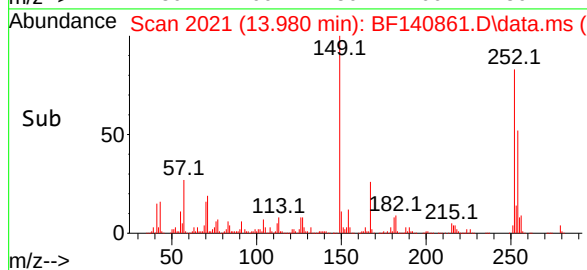
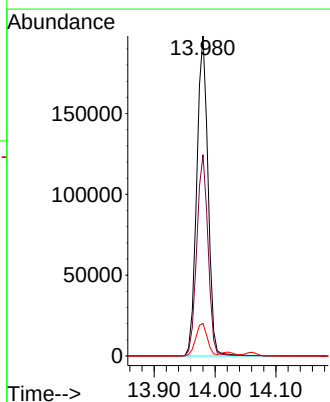
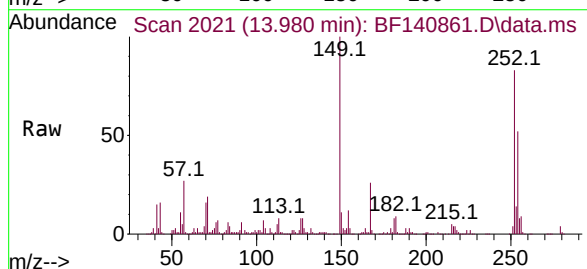
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

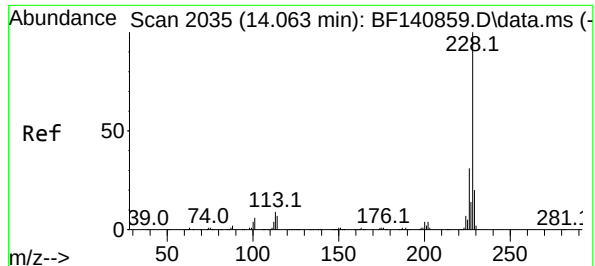
Tgt Ion:228 Resp: 808026
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.8



#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

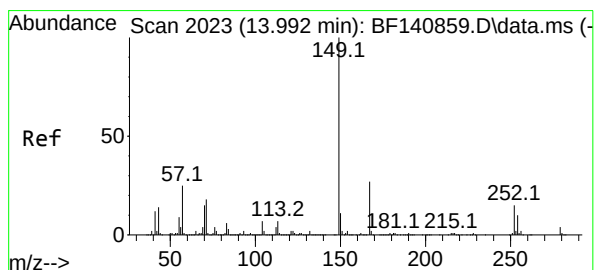
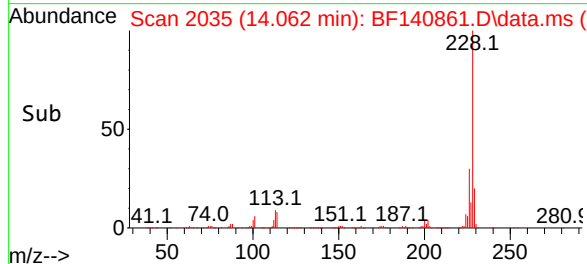
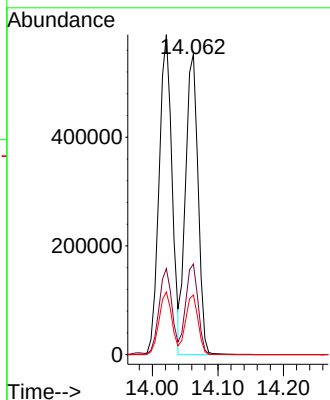
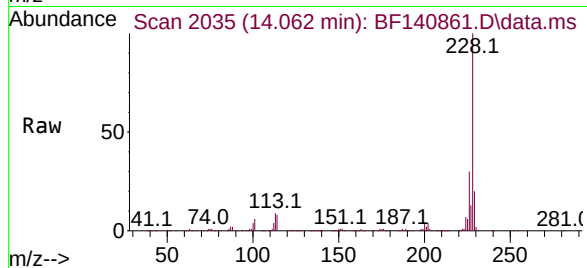




#83
Chrysene
Concen: 59.712 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

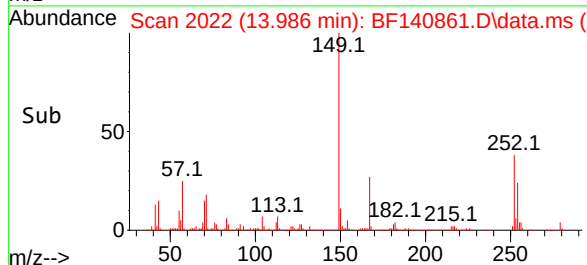
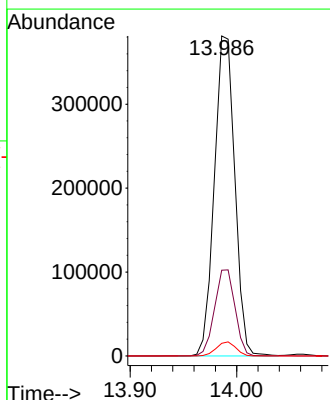
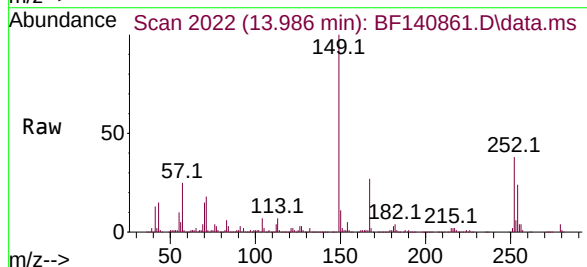
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

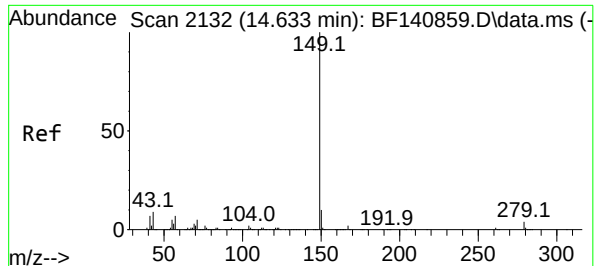
Tgt Ion:228 Resp: 731004
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.8 16.0 24.0



#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

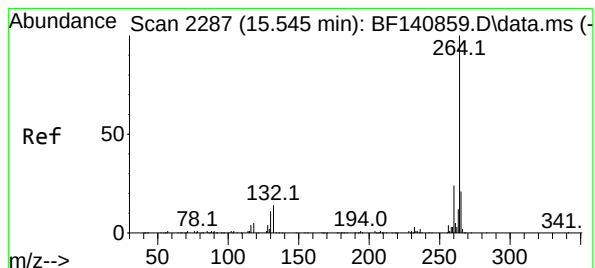
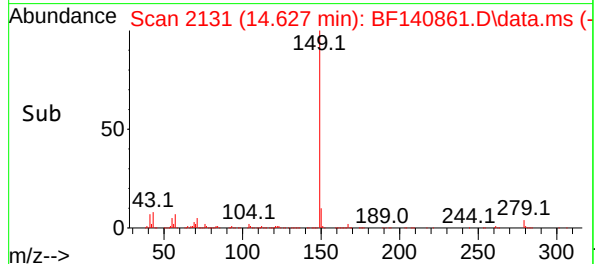
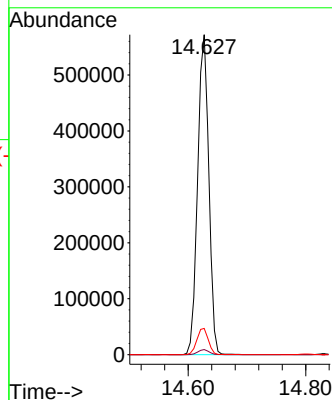
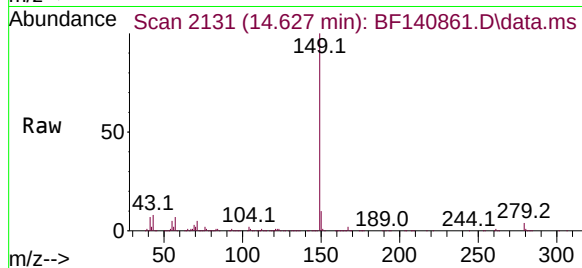




#85
Di-n-octyl phthalate
Concen: 62.220 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

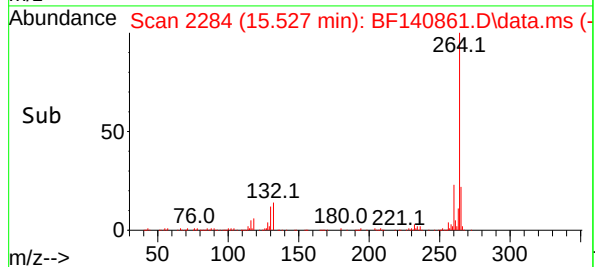
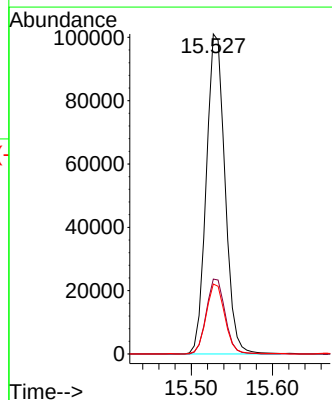
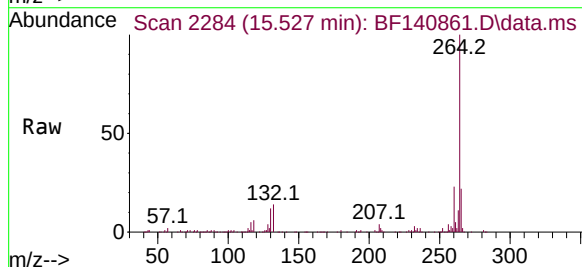
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

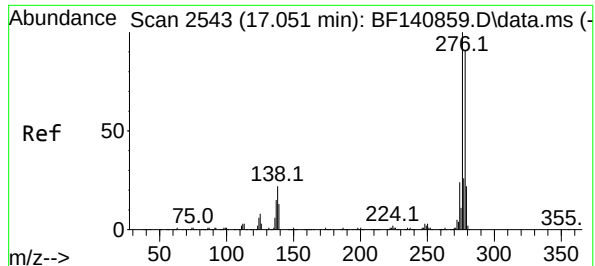
Tgt Ion:149 Resp: 754409
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6



#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

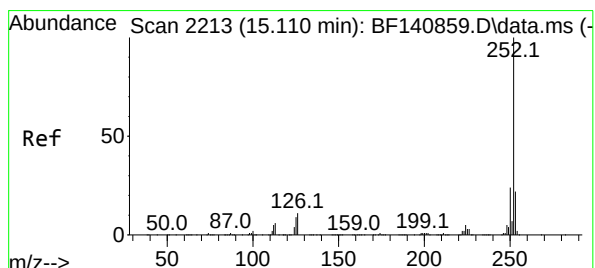
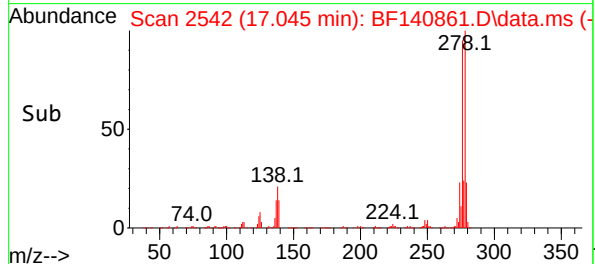
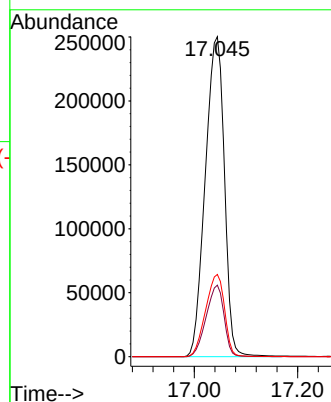
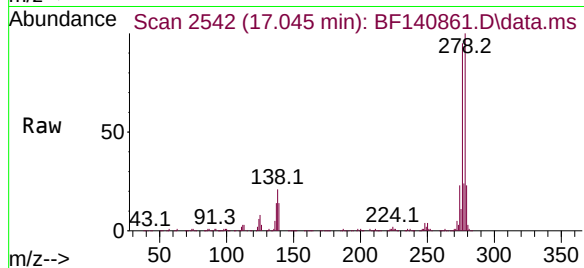




#87
Indeno(1,2,3-cd)pyrene
Concen: 63.934 ng
RT: 17.045 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF140861.D
Acq: 16 Dec 2024 15:49

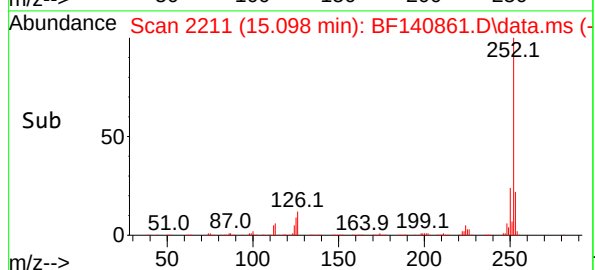
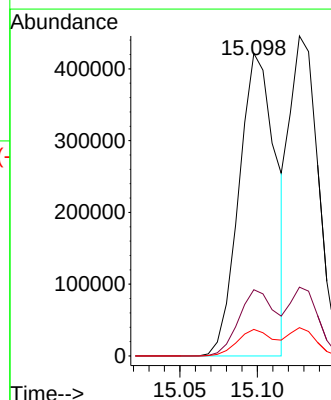
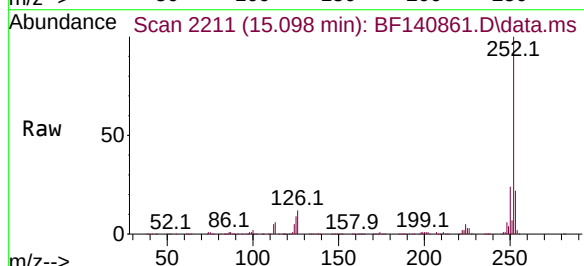
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

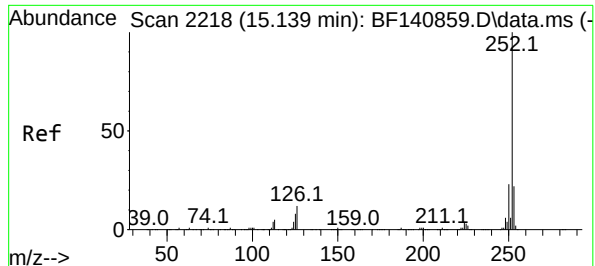
Tgt Ion:276 Resp: 642591
Ion Ratio Lower Upper
276 100
138 20.9 16.9 25.3
277 25.5 20.2 30.4



#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

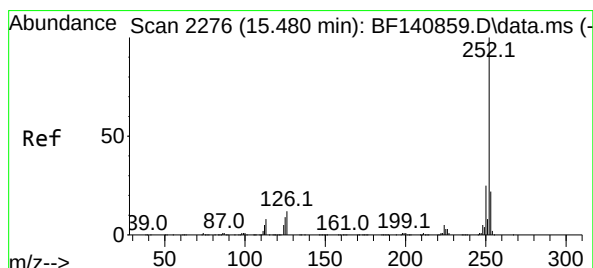
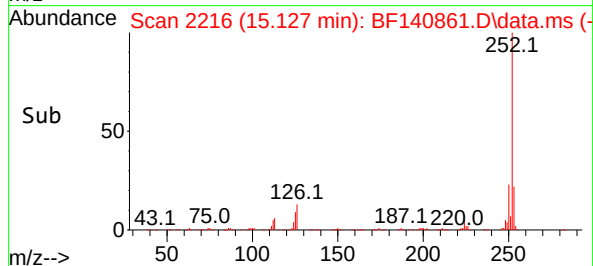
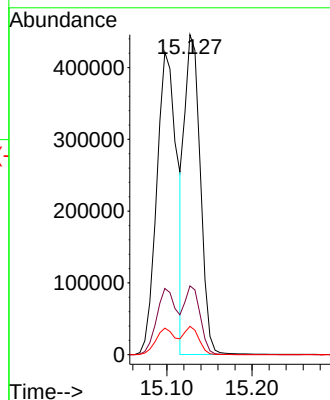
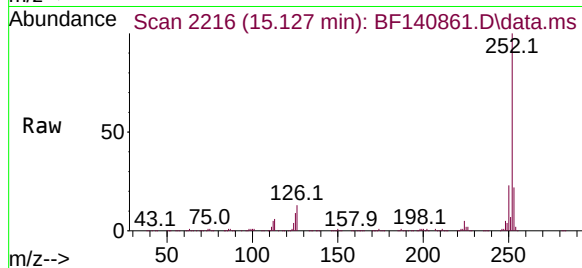
Tgt Ion:252 Resp: 571329

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

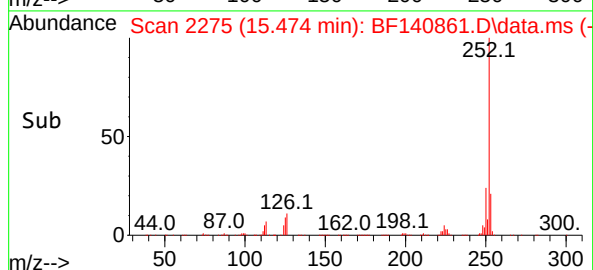
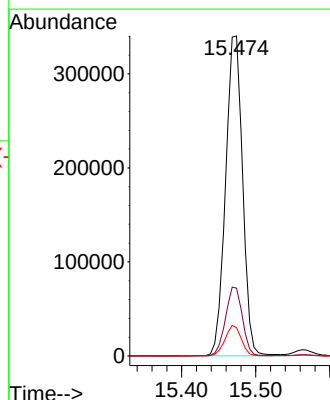
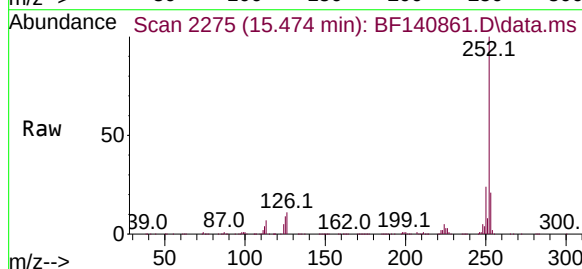
Tgt Ion:252 Resp: 542075

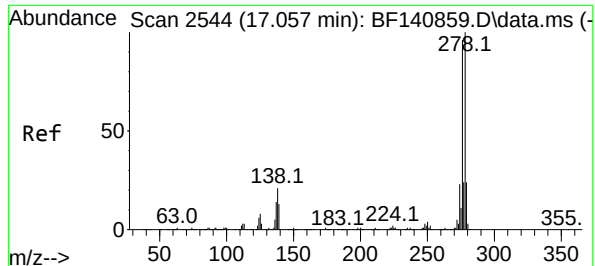
Ion Ratio Lower Upper

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

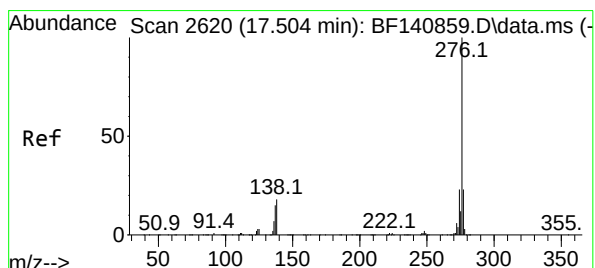
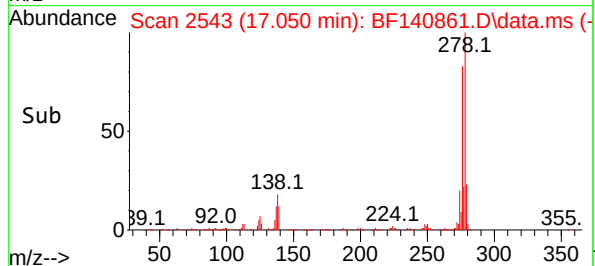
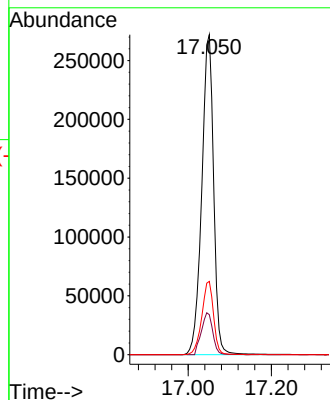
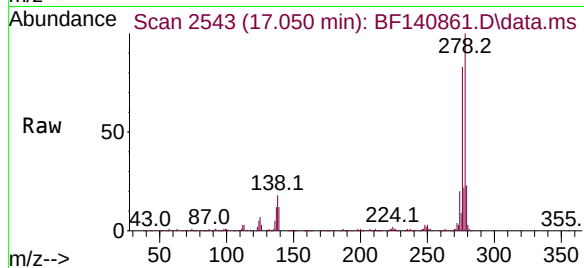
Tgt Ion:278 Resp: 539476

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

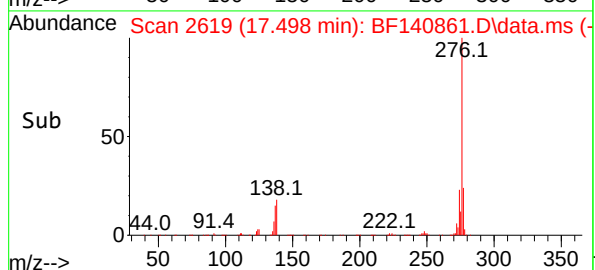
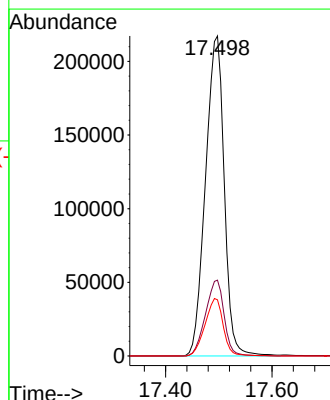
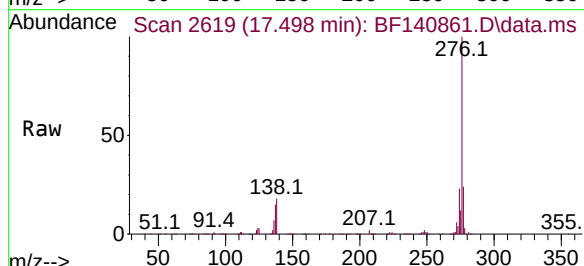
Tgt Ion:276 Resp: 530525

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

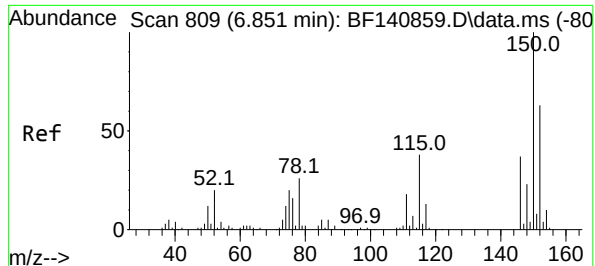
Quant Time: Dec 16 16:52:00 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

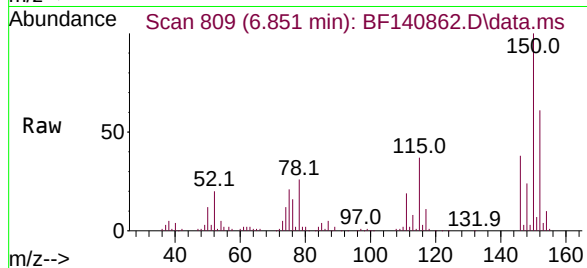
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

[illegible]

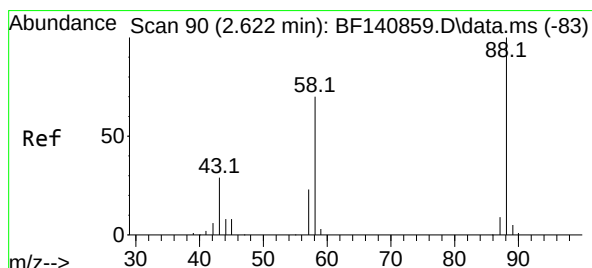
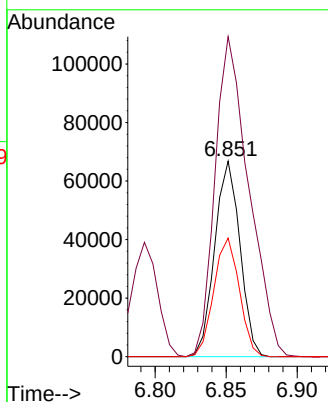
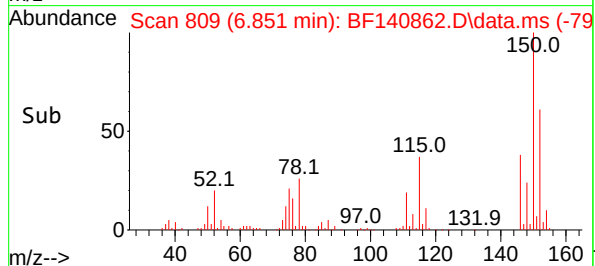


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

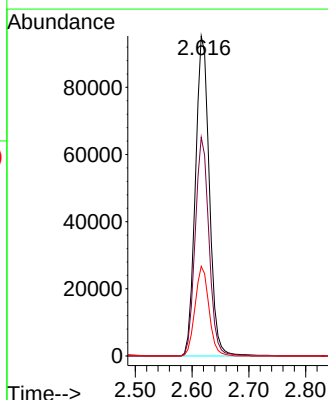
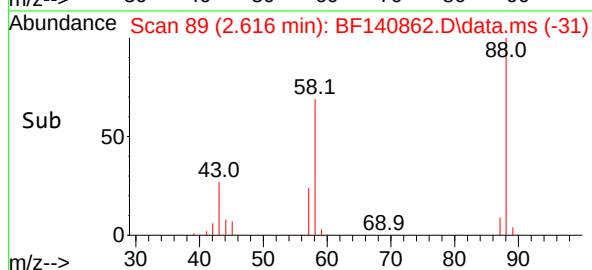
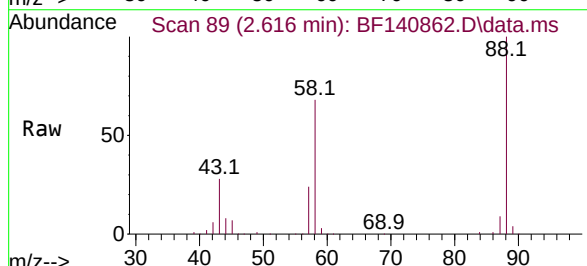


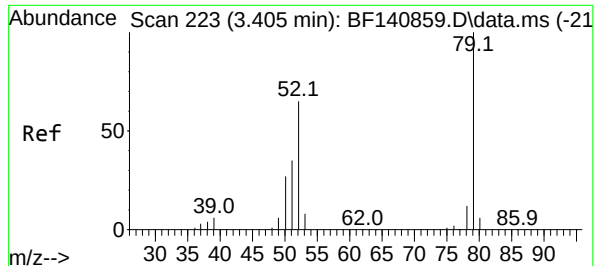
Tgt Ion:152 Resp: 82694
Ion Ratio Lower Upper
152 100
150 163.6 127.9 191.9
115 60.6 48.0 72.0



#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

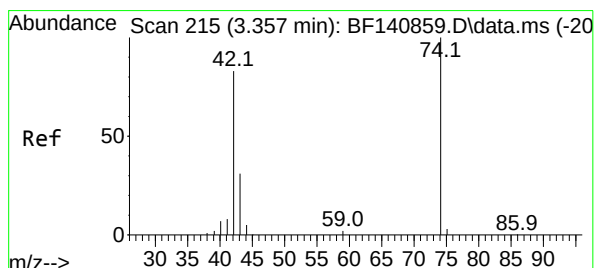
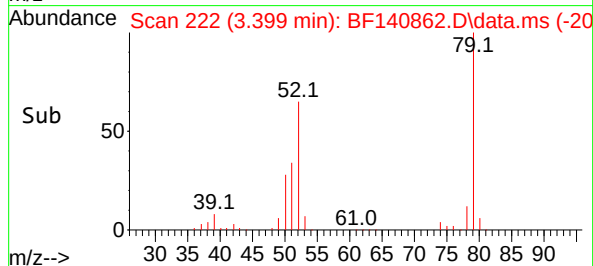
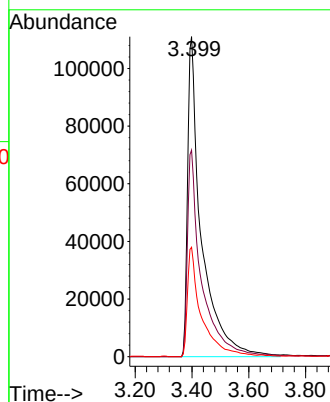
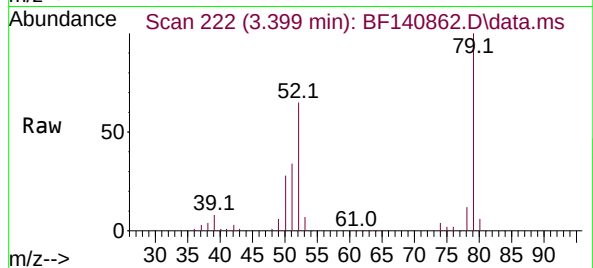
Tgt Ion: 79 Resp: 375906

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

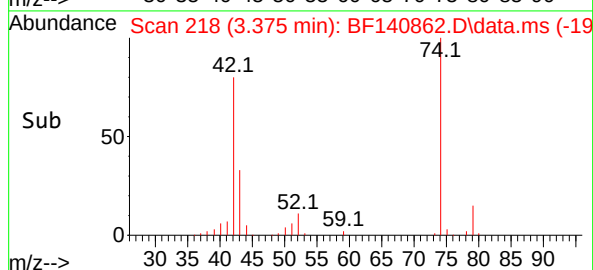
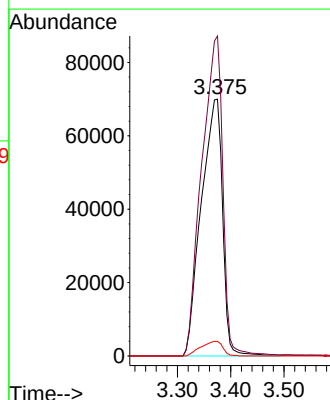
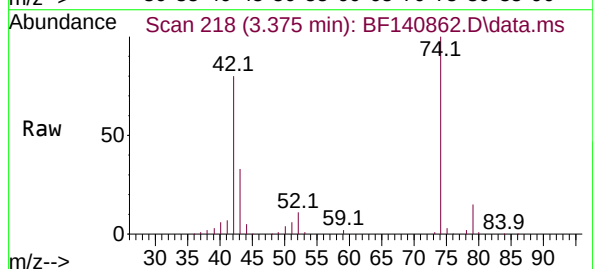
Tgt Ion: 42 Resp: 194050

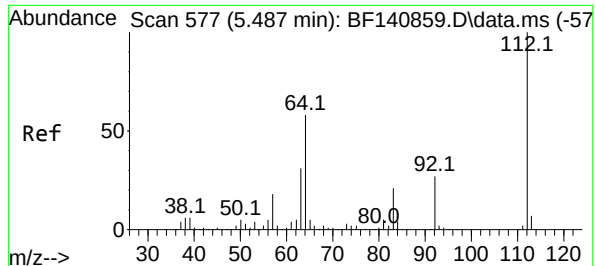
Ion Ratio Lower Upper

42 100

74 124.6 96.9 145.3

44 5.7 4.4 6.6

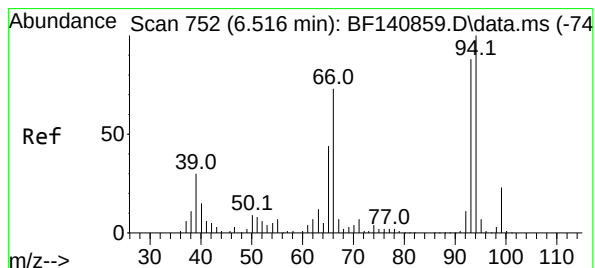
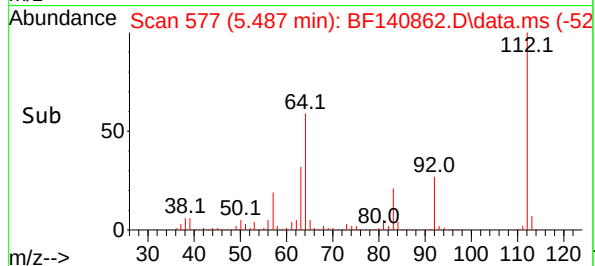
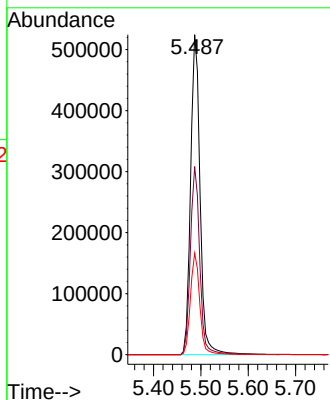
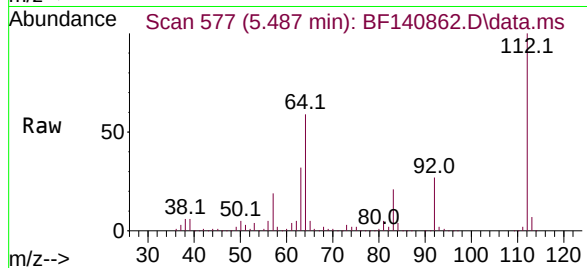




#5
2-Fluorophenol
Concen: 145.730 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

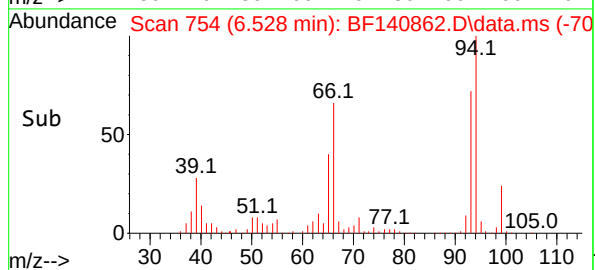
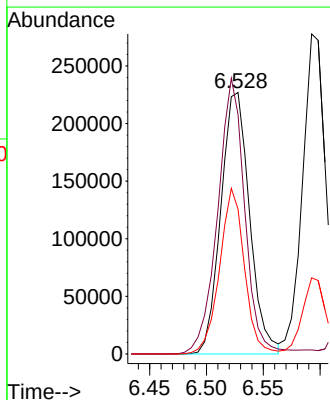
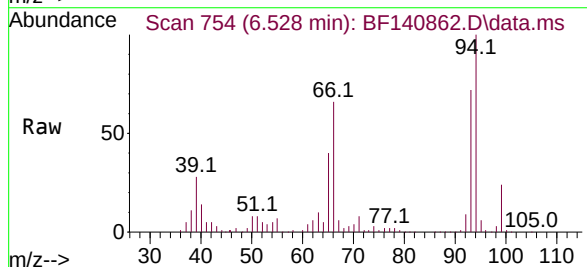
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

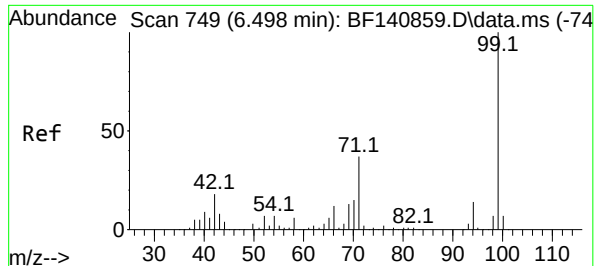
Tgt Ion:112 Resp: 732058
Ion Ratio Lower Upper
112 100
64 58.8 46.1 69.1
63 31.7 24.9 37.3



#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 :

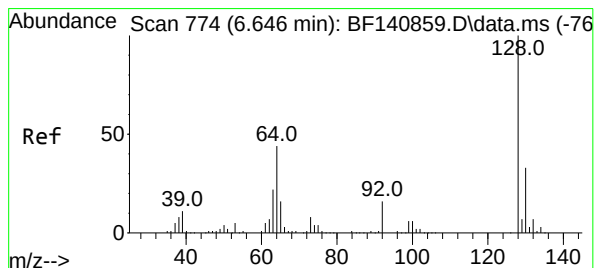
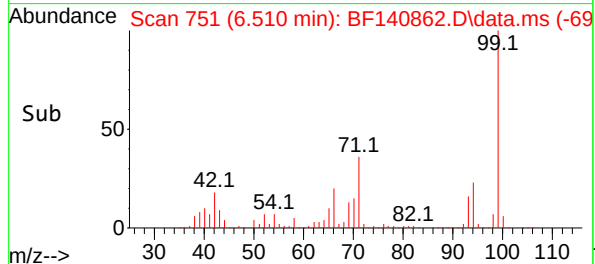
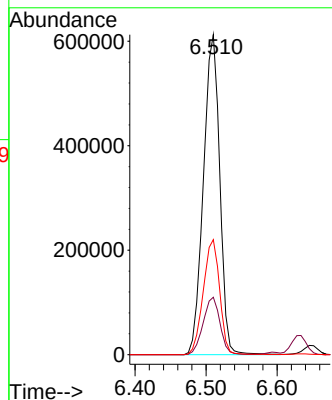
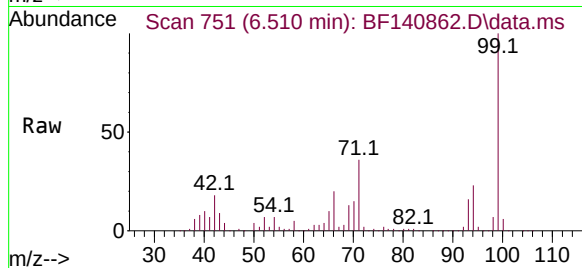
BNA_F

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

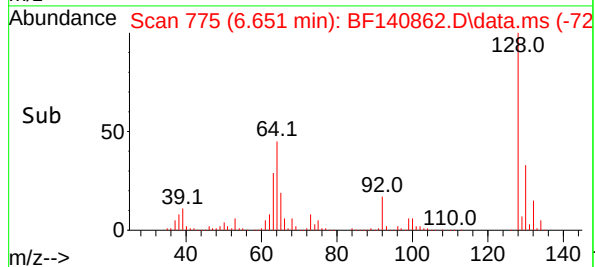
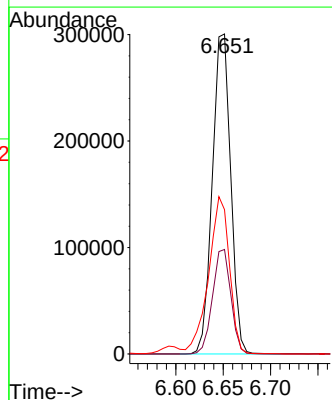
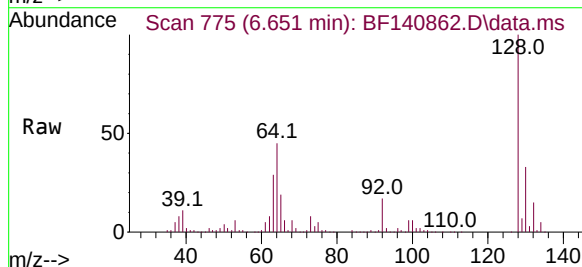
Delta R.T. 0.006 min

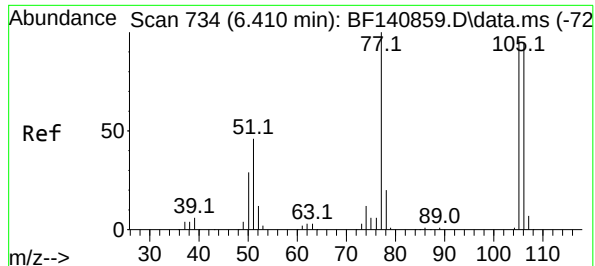
Lab File: BF140862.D

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

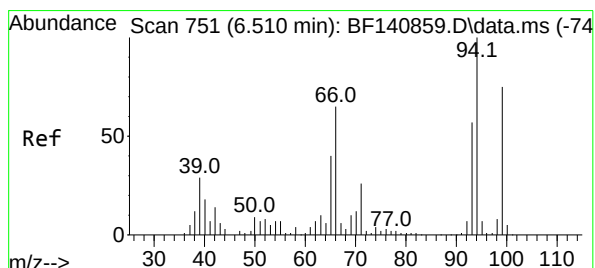
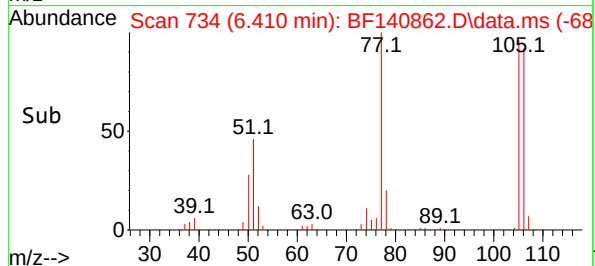
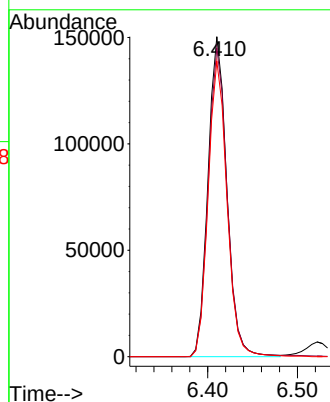
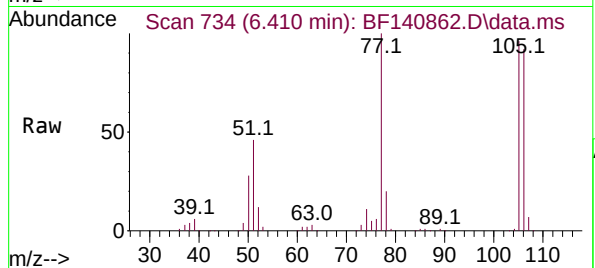
Tgt Ion: 77 Resp: 219459

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

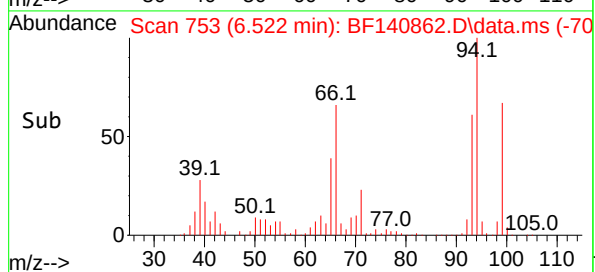
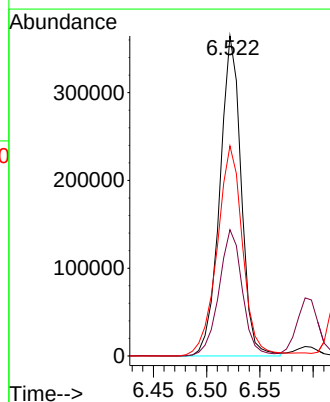
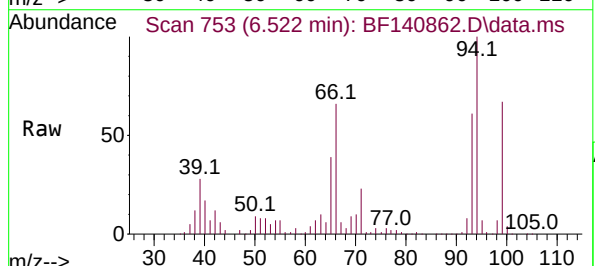
Tgt Ion: 94 Resp: 507289

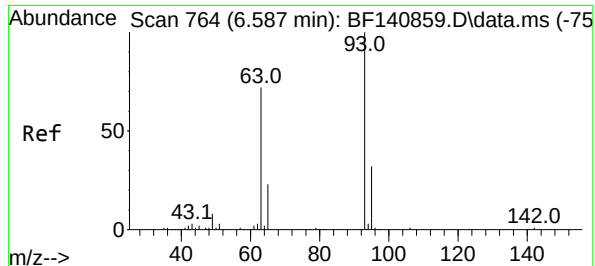
Ion Ratio Lower Upper

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# 765

Delta R.T. 0.006 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

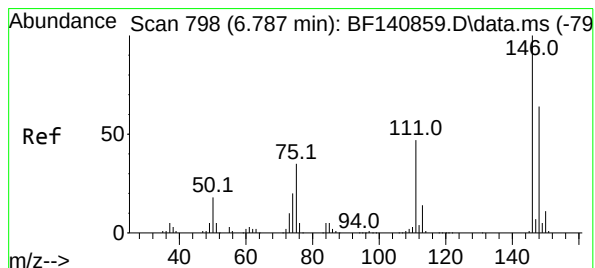
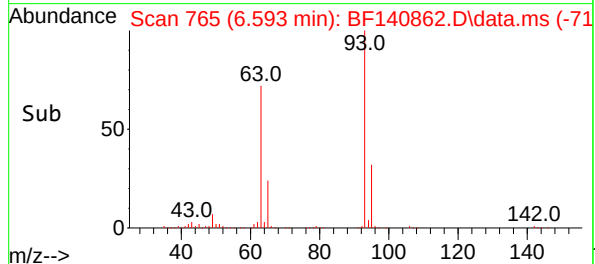
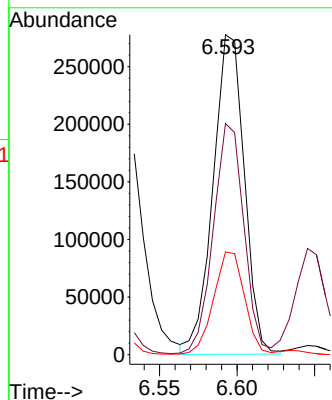
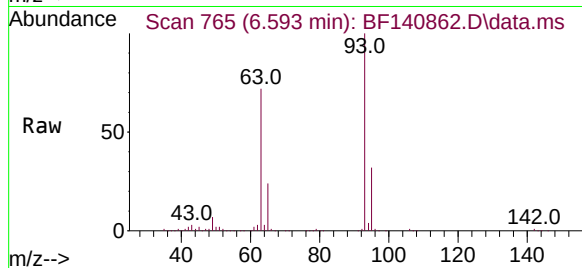
Tgt Ion: 93 Resp: 389038

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

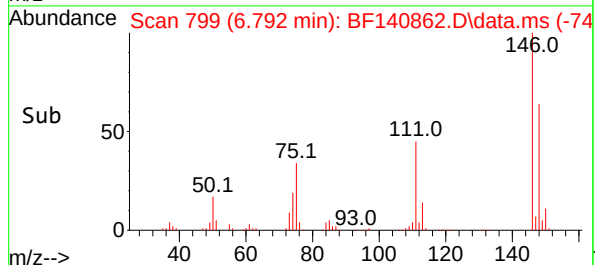
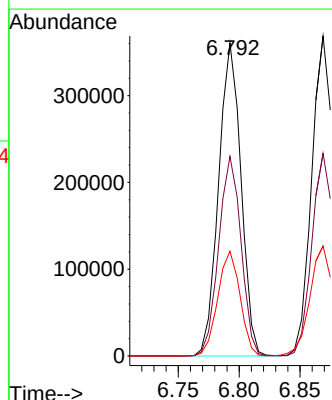
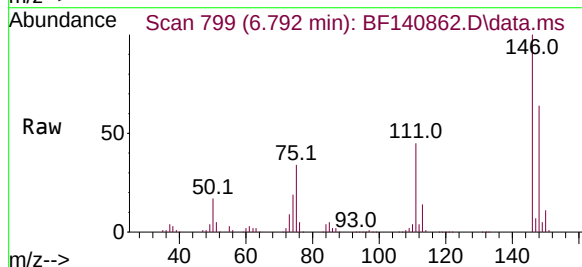
Tgt Ion:146 Resp: 461108

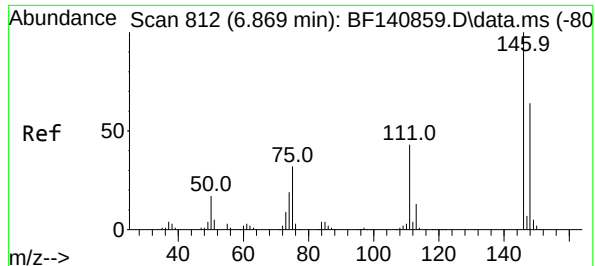
Ion Ratio Lower Upper

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

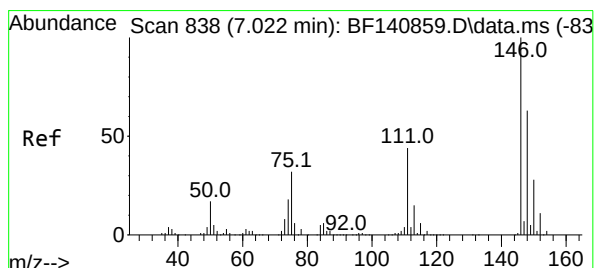
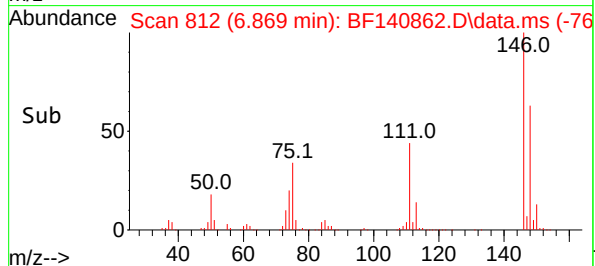
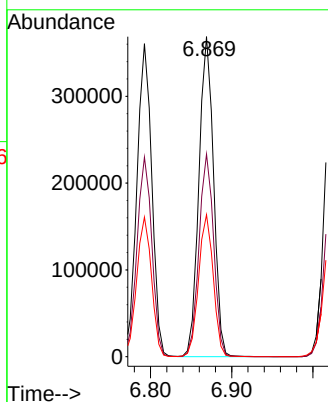
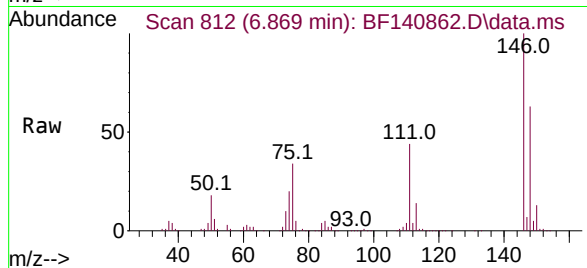
Tgt Ion:146 Resp: 462233

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

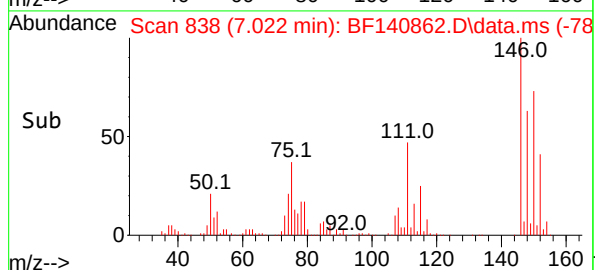
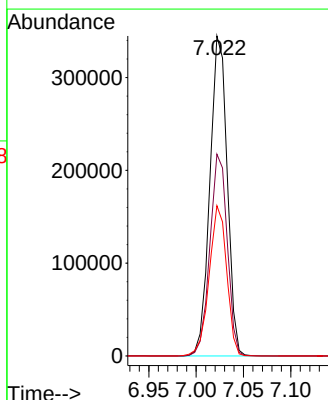
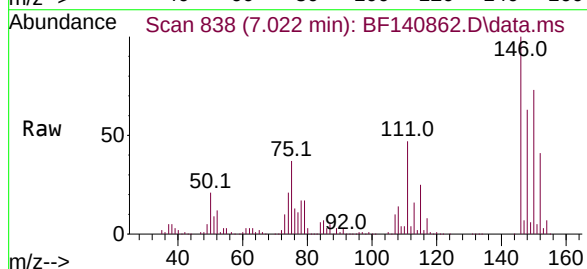
Tgt Ion:146 Resp: 437177

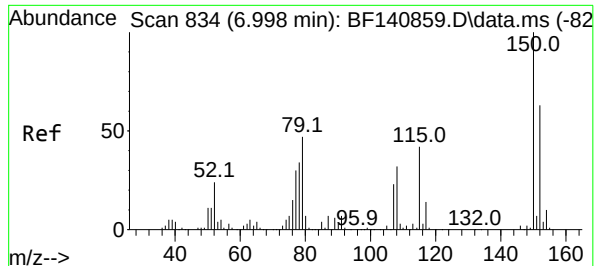
Ion Ratio Lower Upper

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

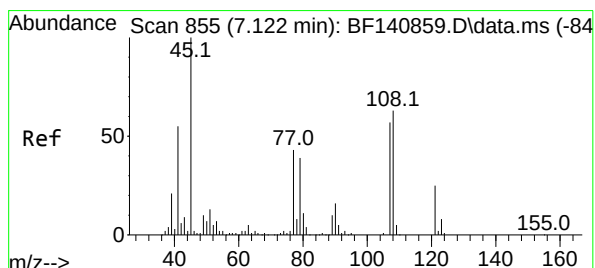
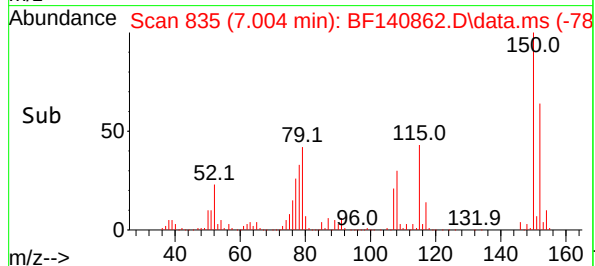
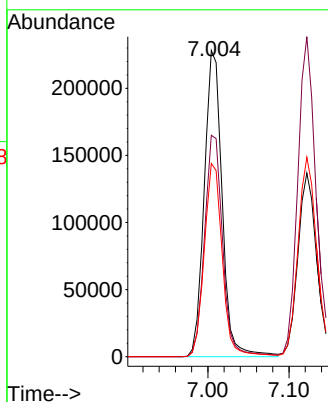
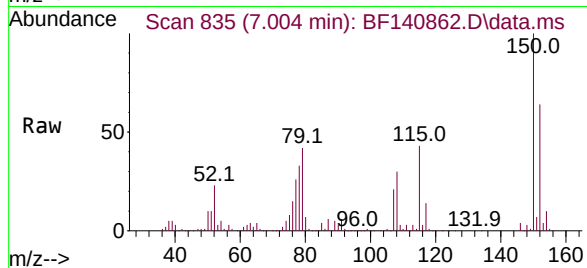
Tgt Ion: 79 Resp: 349382

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

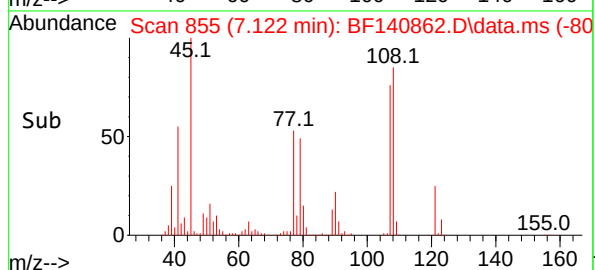
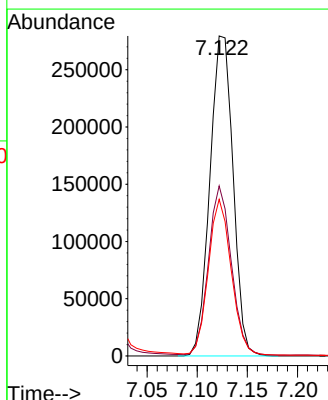
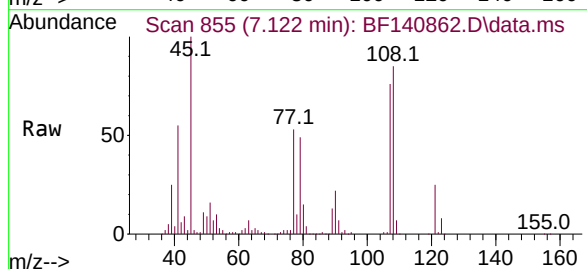
Tgt Ion: 45 Resp: 449685

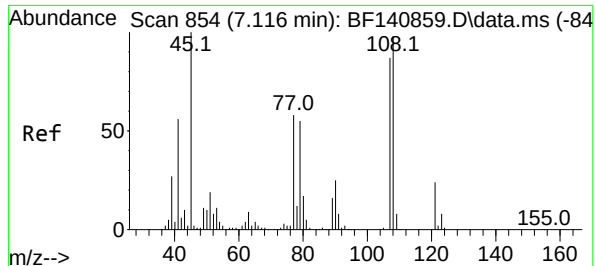
Ion Ratio Lower Upper

45 100

77 53.1 23.3 63.3

79 49.0 20.0 60.0

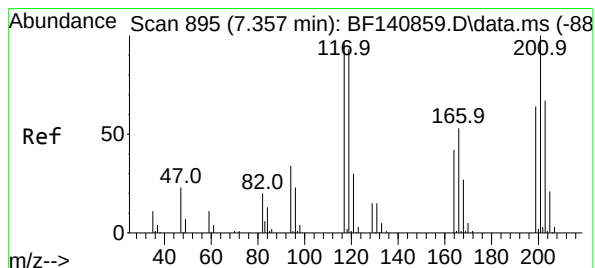
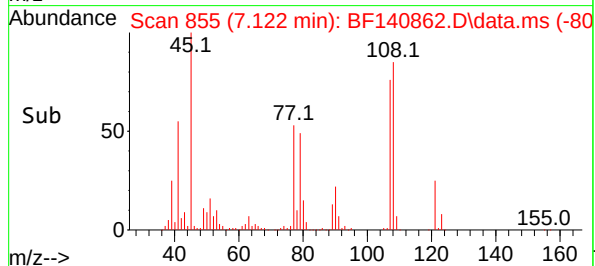
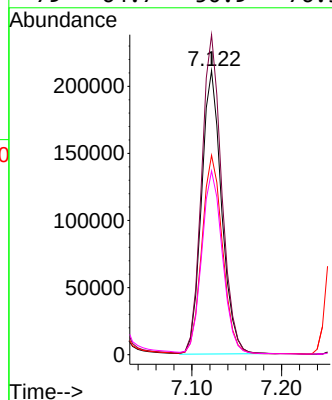
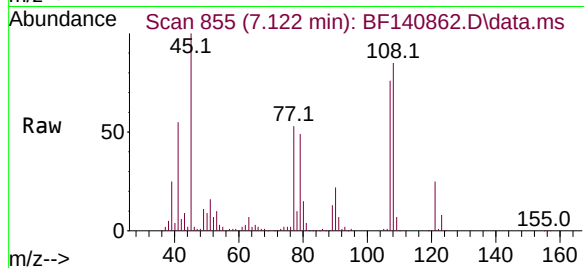




#17
2-Methylphenol
Concen: 75.095 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

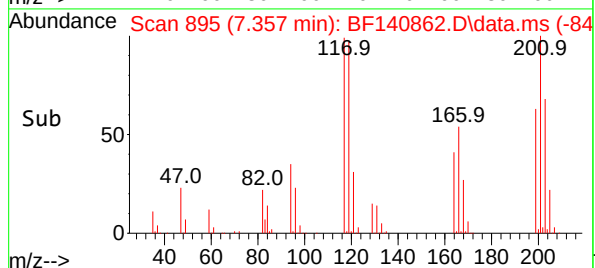
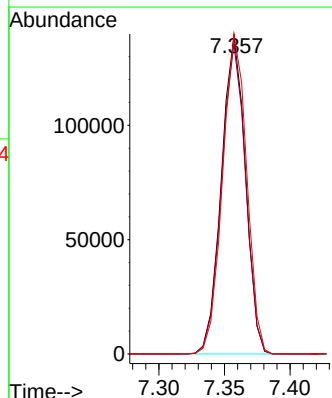
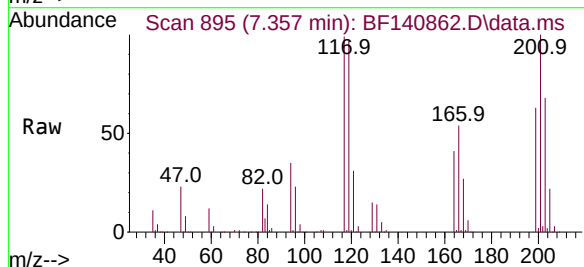
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

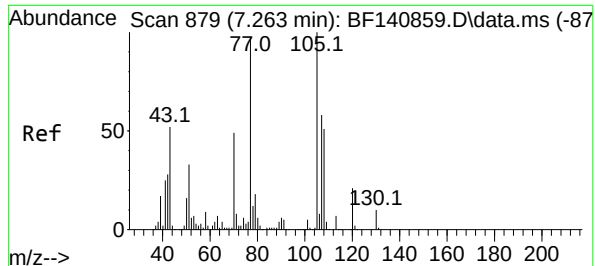
Tgt Ion:107 Resp: 328432
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.4
77 70.2 53.8 80.6
79 64.7 50.9 76.3



#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:117 Resp: 176920
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

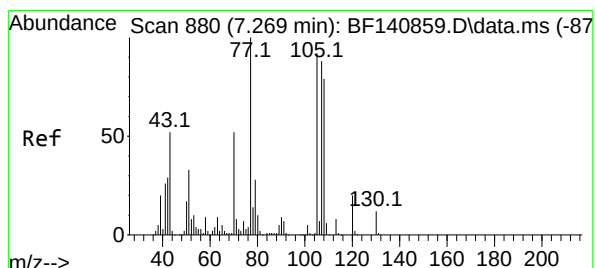
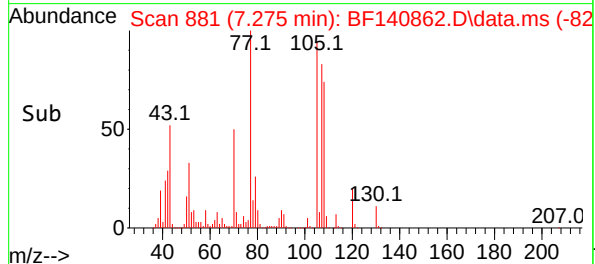
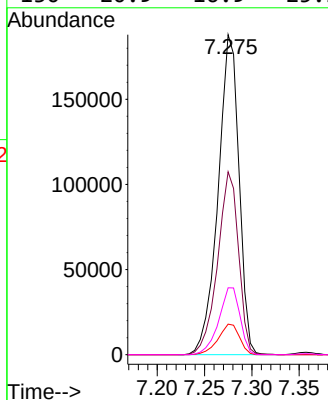
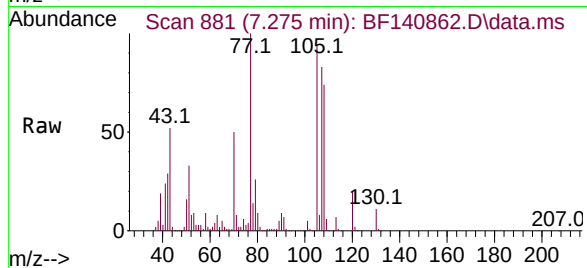
Ion Ratio Lower Upper

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

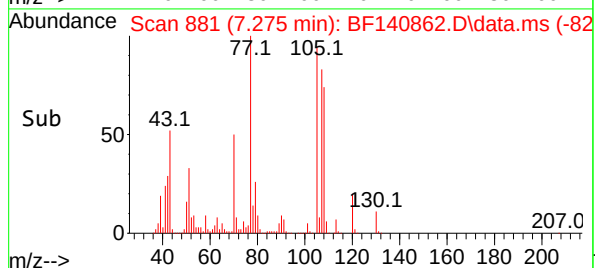
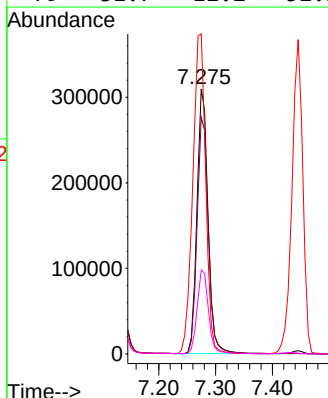
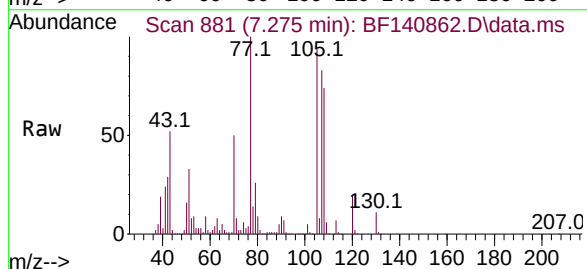
Ion Ratio Lower Upper

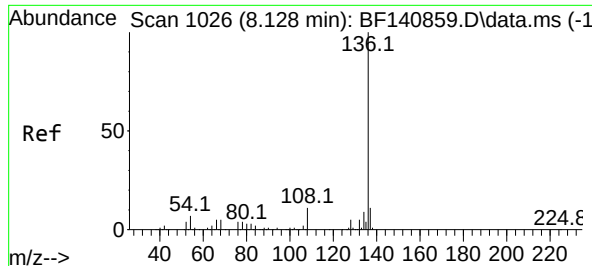
107 100

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

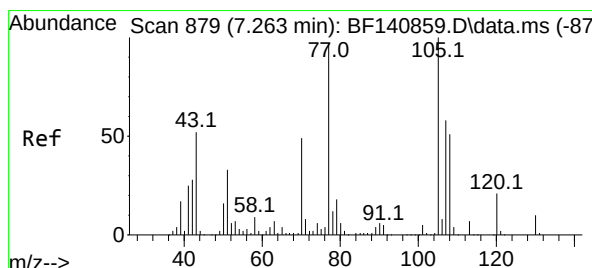
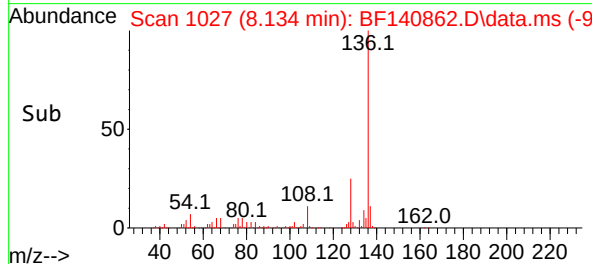
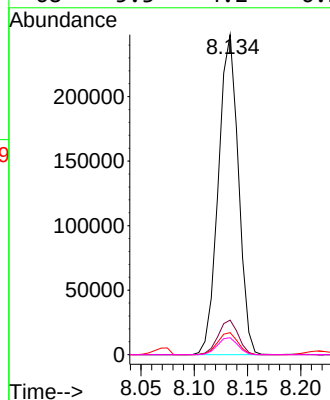
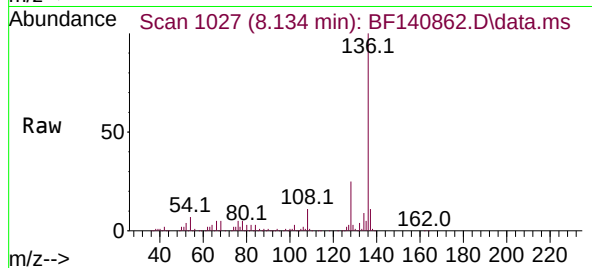
Ion Ratio Lower Upper

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

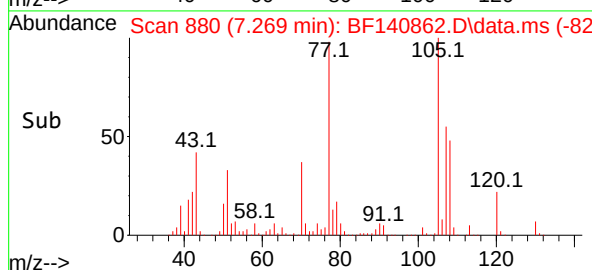
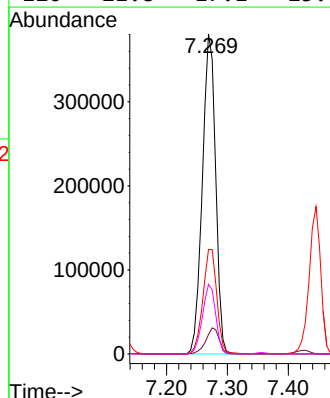
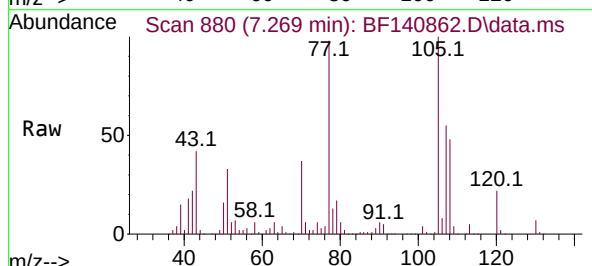
Ion Ratio Lower Upper

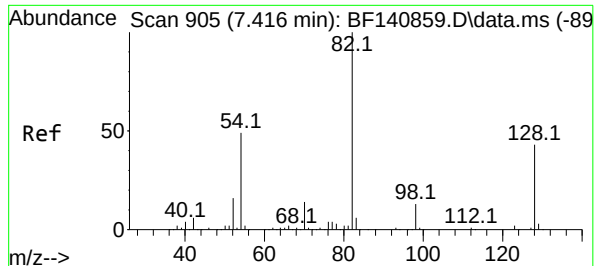
105 100

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

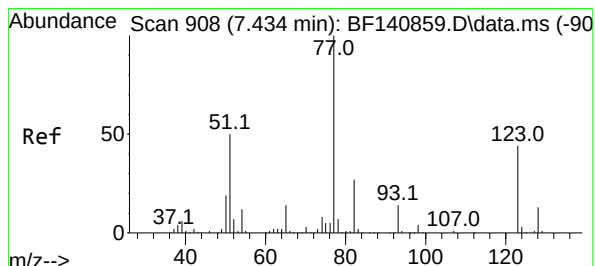
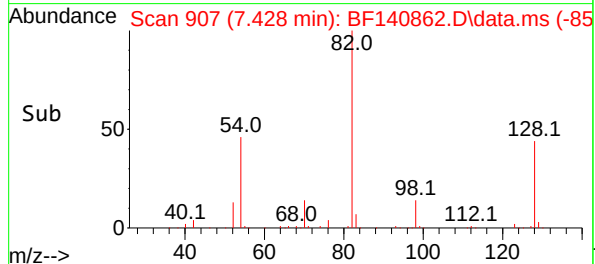
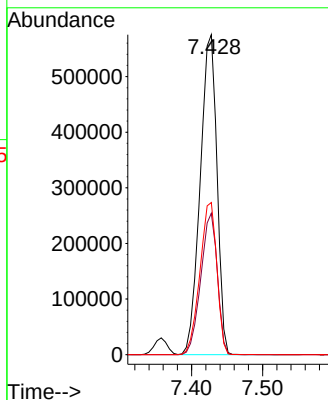
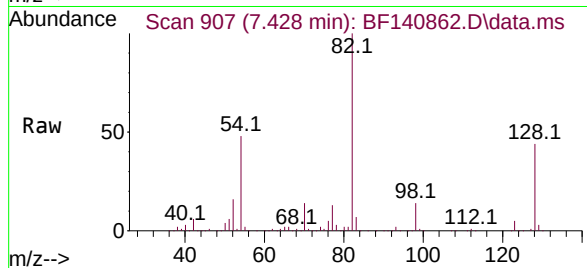
Tgt Ion: 82 Resp: 947083

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

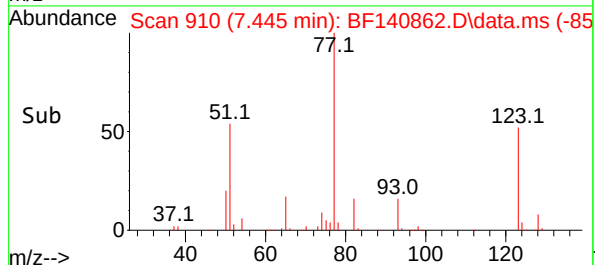
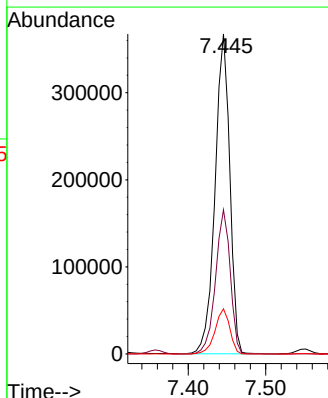
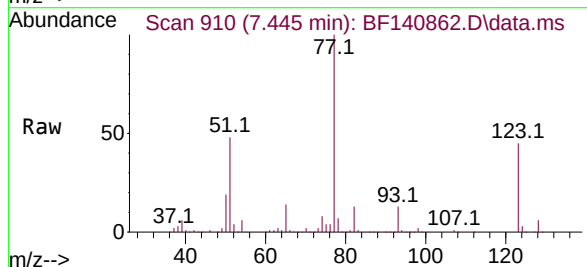
Tgt Ion: 77 Resp: 484693

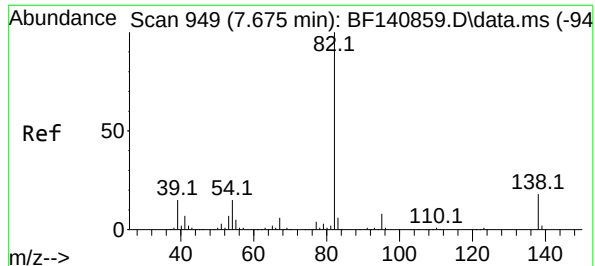
Ion Ratio Lower Upper

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

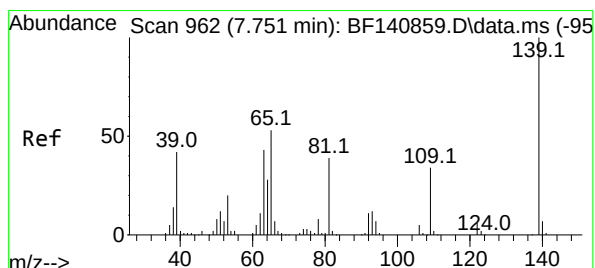
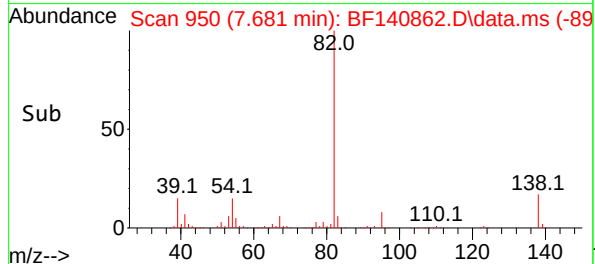
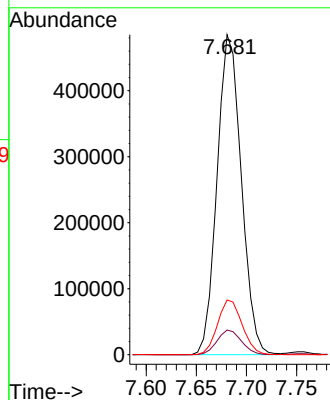
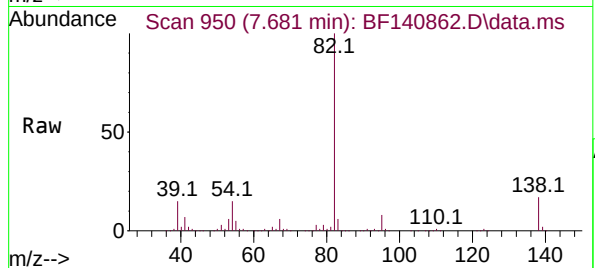
Tgt Ion: 82 Resp: 815074

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

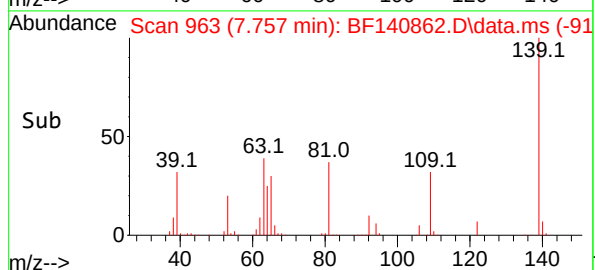
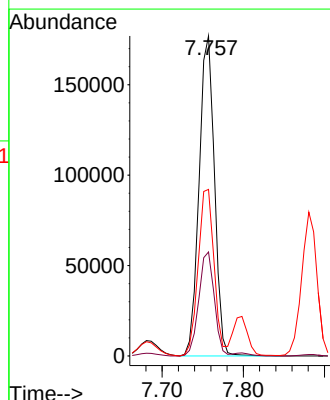
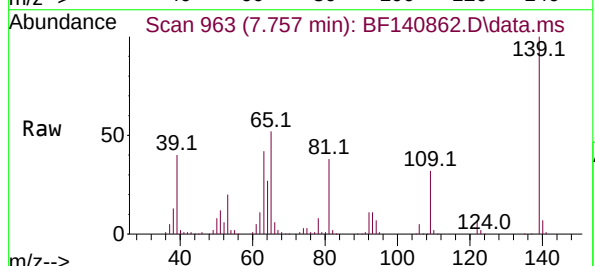
Tgt Ion:139 Resp: 232926

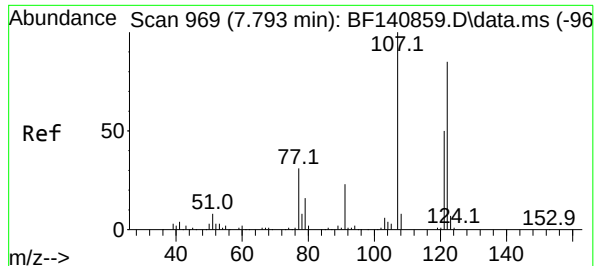
Ion Ratio Lower Upper

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

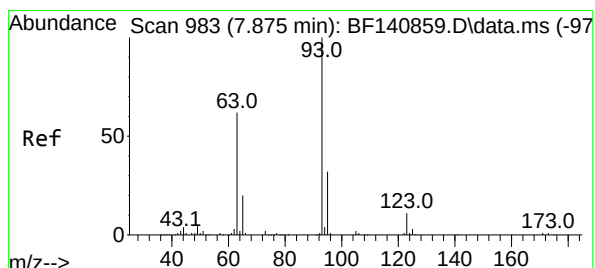
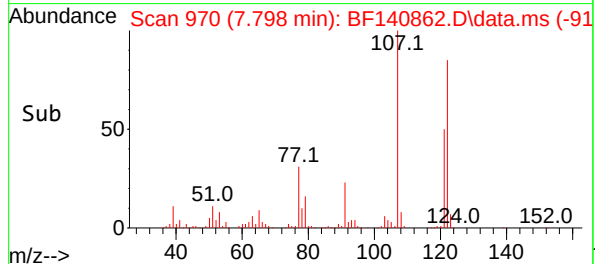
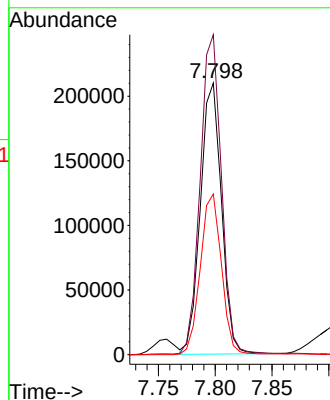
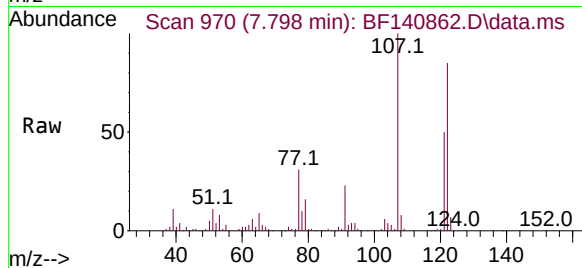
Tgt Ion:122 Resp: 270864

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

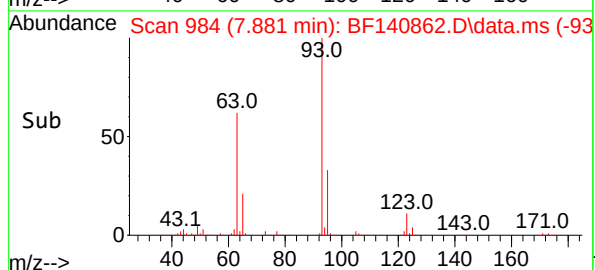
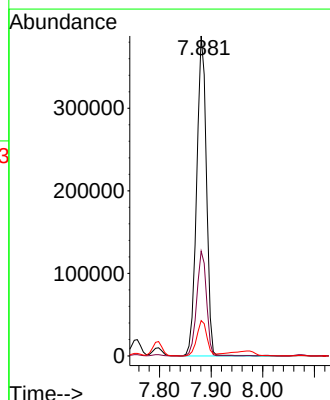
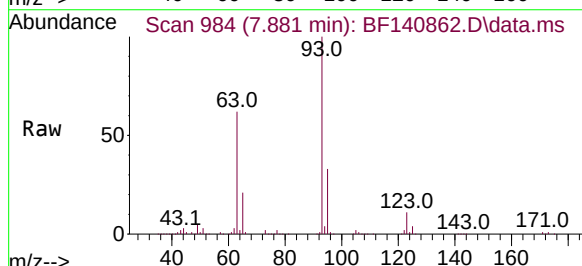
Tgt Ion: 93 Resp: 508754

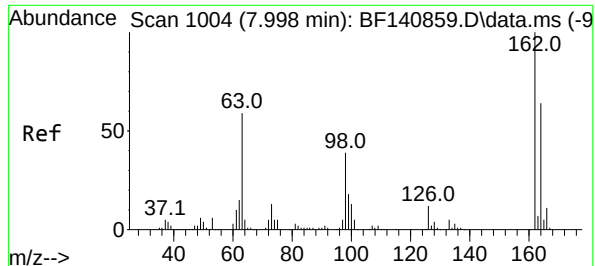
Ion Ratio Lower Upper

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

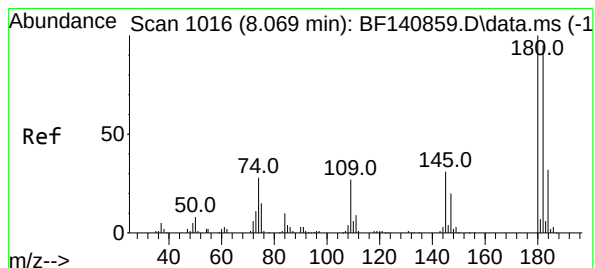
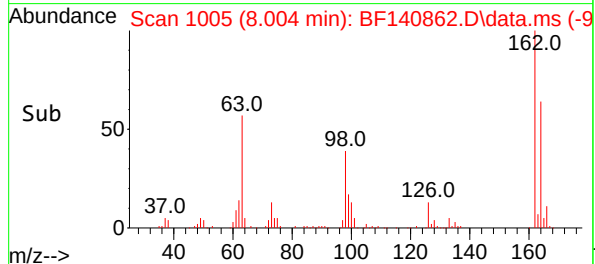
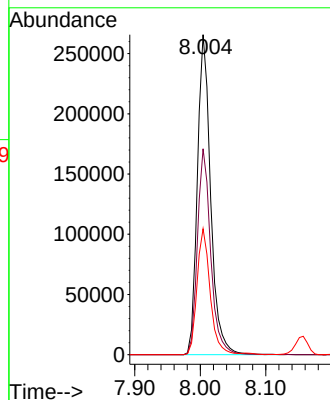
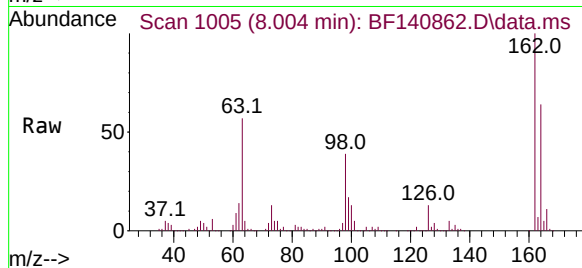
Tgt Ion:162 Resp: 374434

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

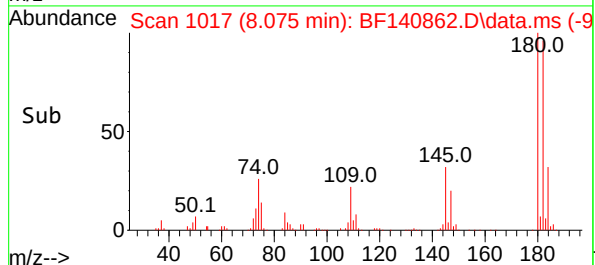
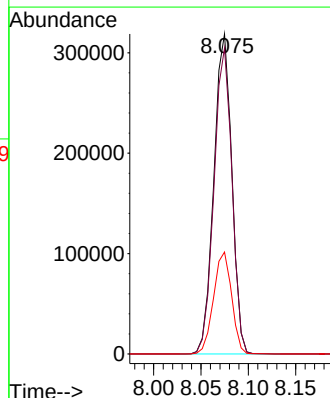
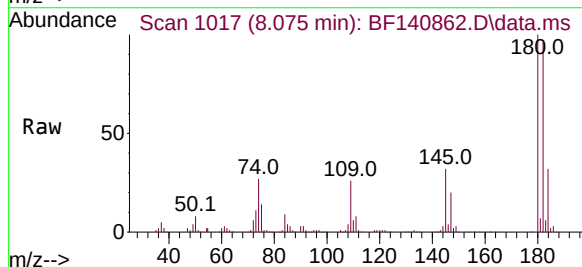
Tgt Ion:180 Resp: 420429

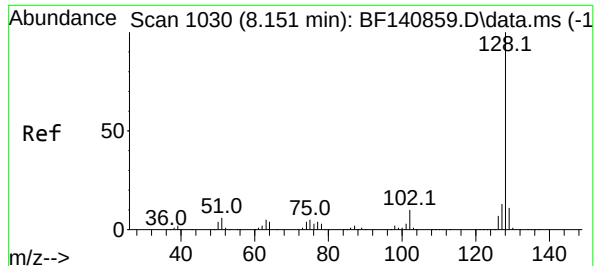
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.6

145 31.9 25.2 37.8

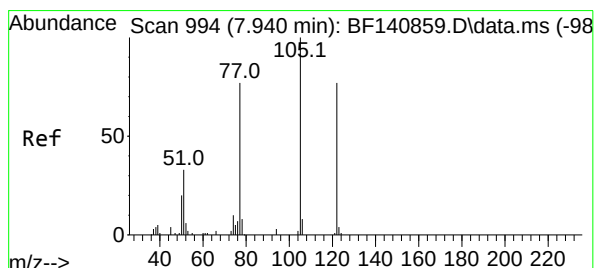
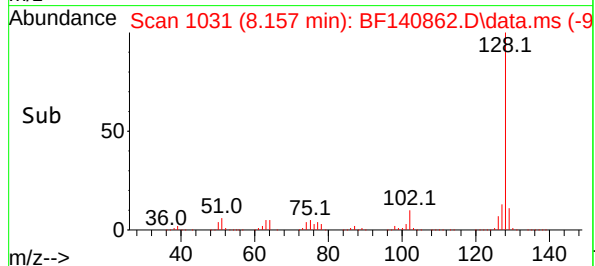
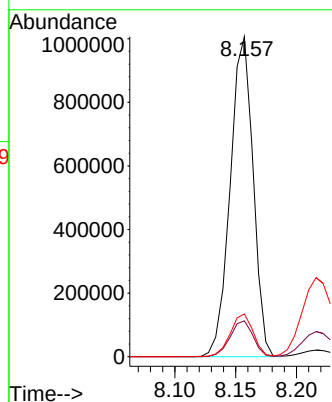
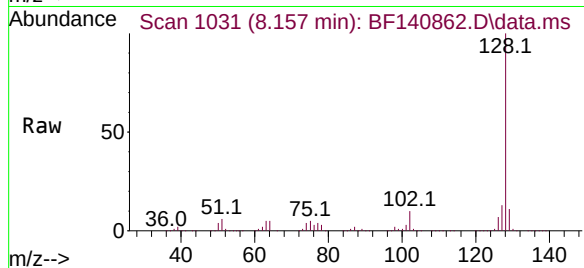




#31
Naphthalene
Concen: 74.301 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

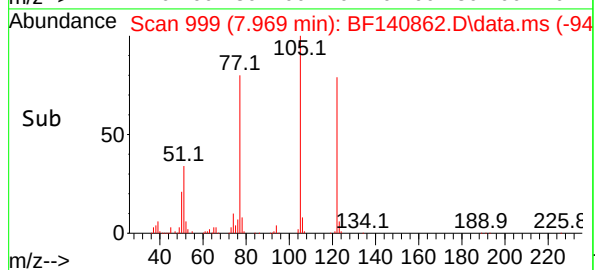
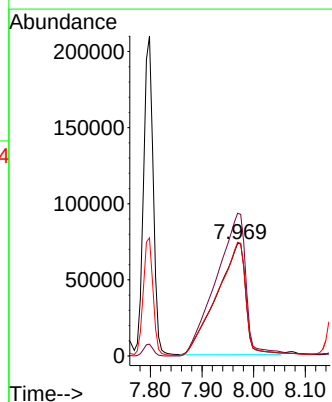
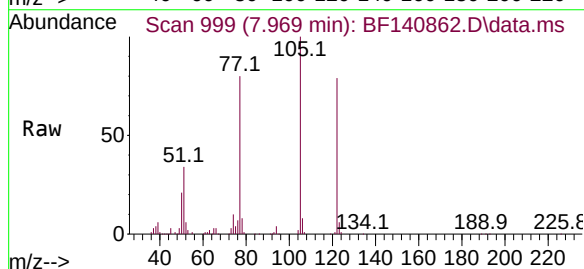
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

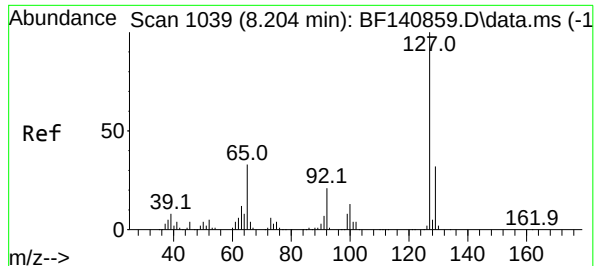
Tgt Ion:128 Resp: 1318982
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#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

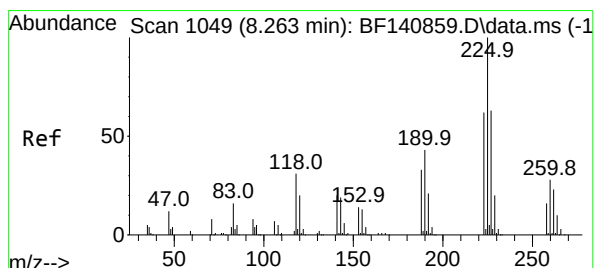
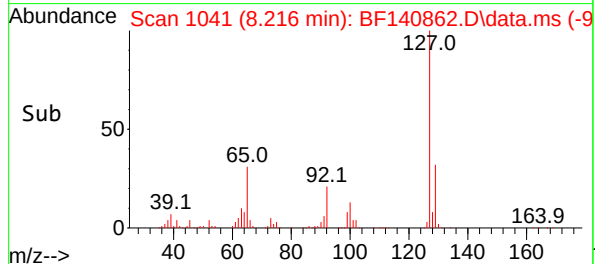
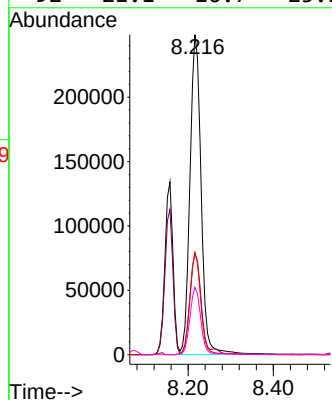
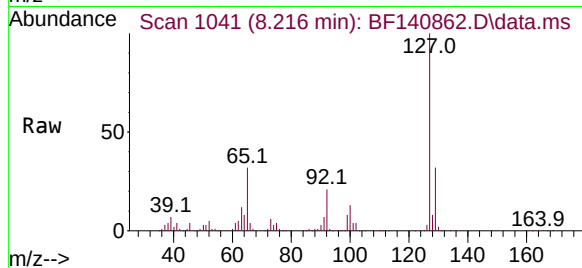
Ion Ratio Lower Upper

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

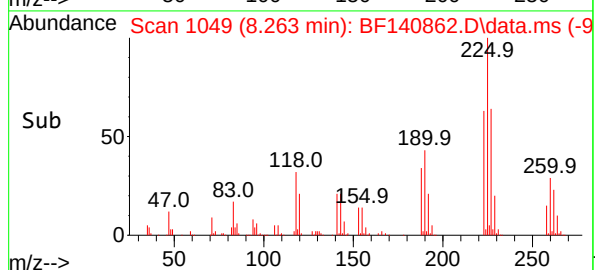
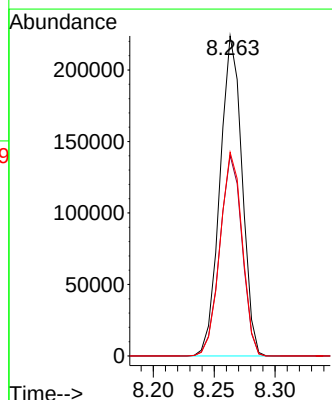
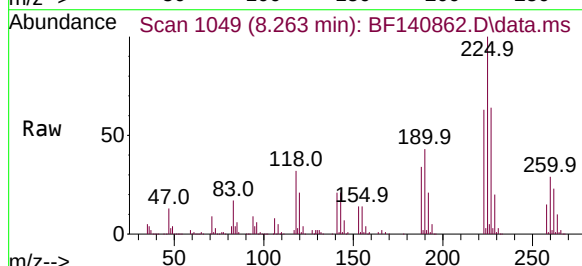
Tgt Ion:225 Resp: 282790

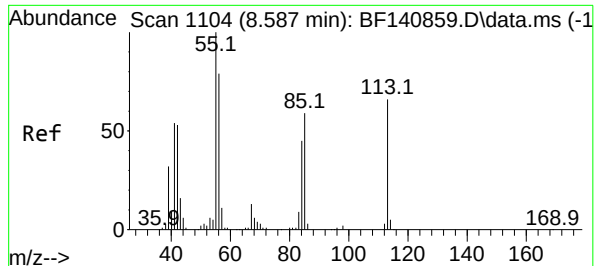
Ion Ratio Lower Upper

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

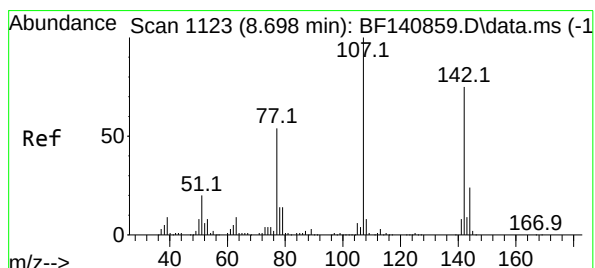
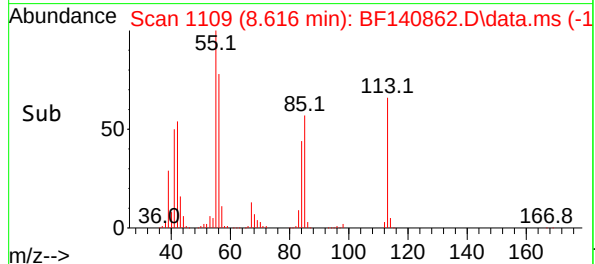
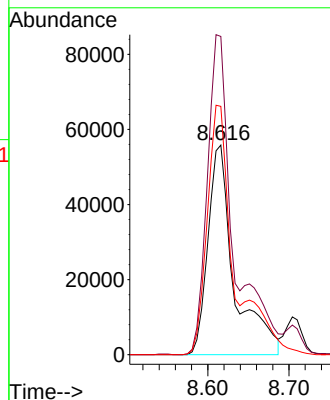
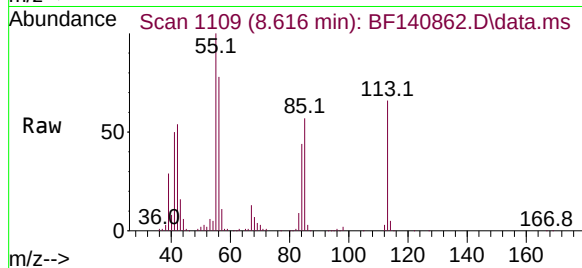
Tgt Ion:113 Resp: 125537

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

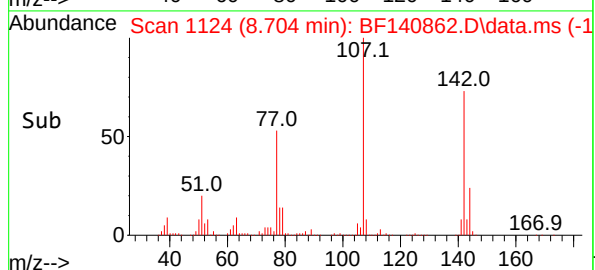
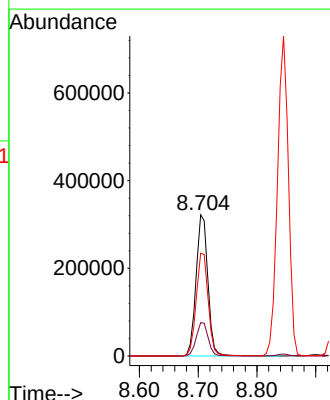
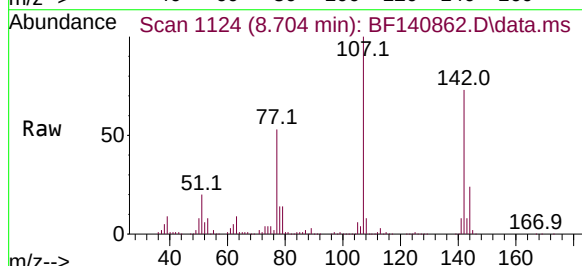
Tgt Ion:107 Resp: 449654

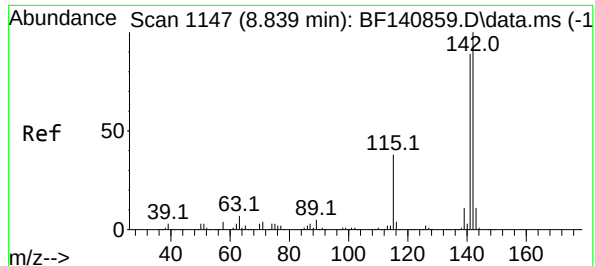
Ion Ratio Lower Upper

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 :

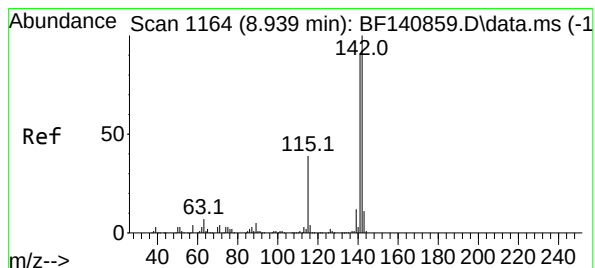
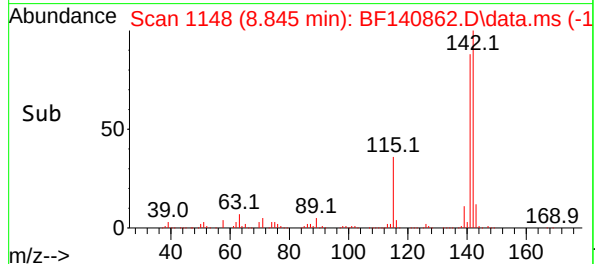
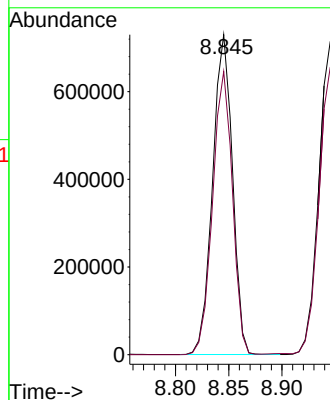
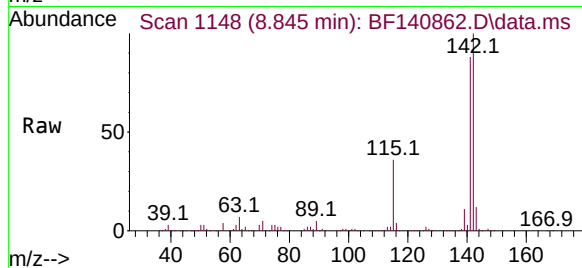
SSTDICC080

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

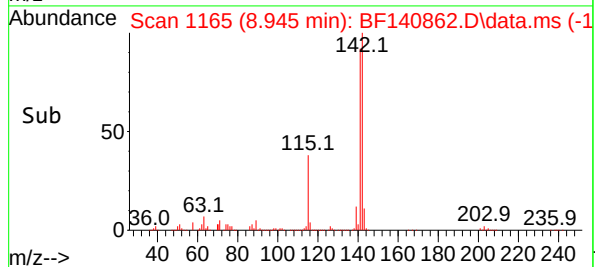
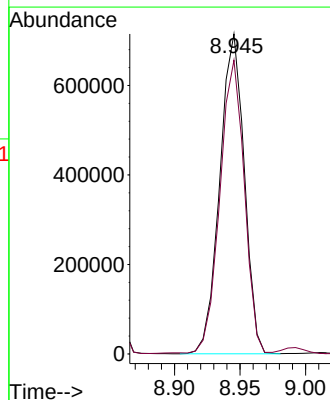
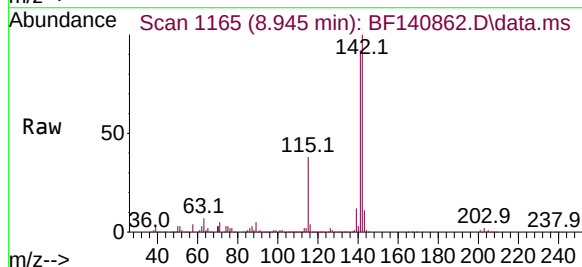
Acq: 16 Dec 2024 16:15

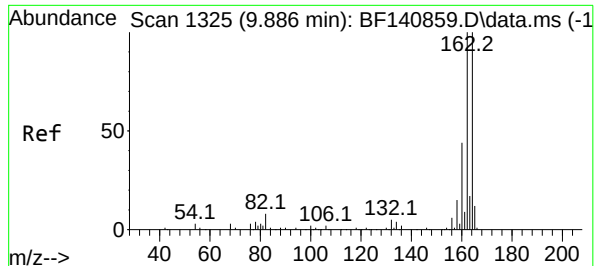
Tgt Ion:142 Resp: 925535

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

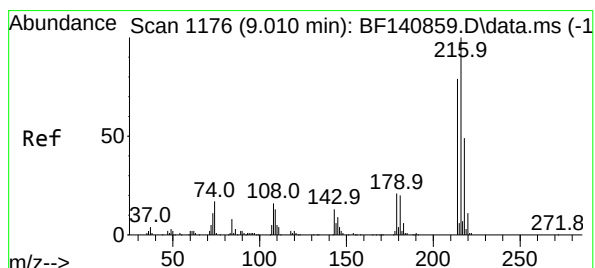
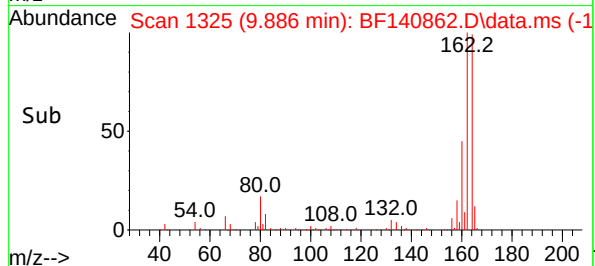
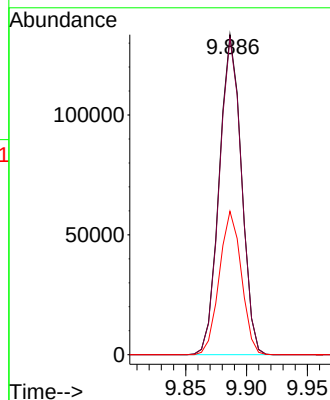
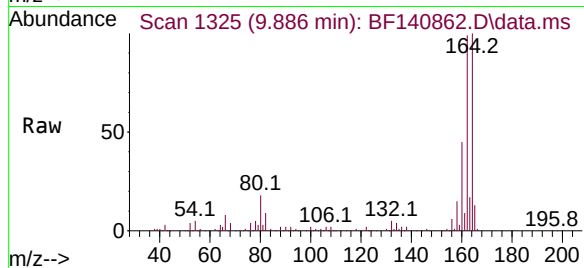
Tgt Ion:164 Resp: 169321

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

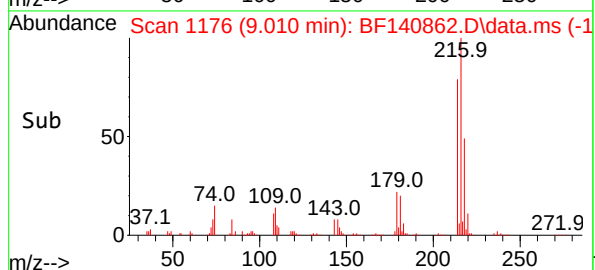
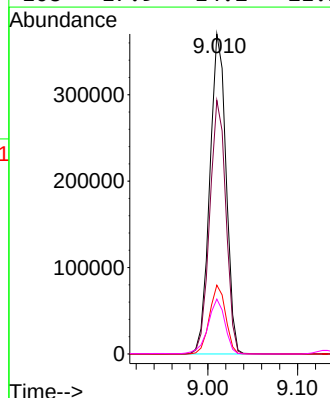
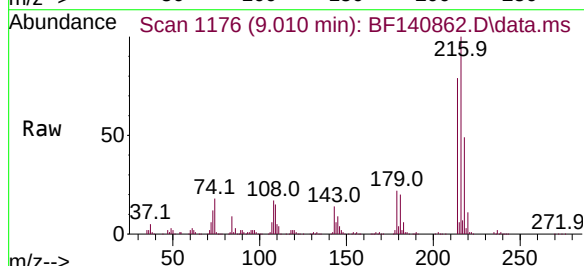
Ion Ratio Lower Upper

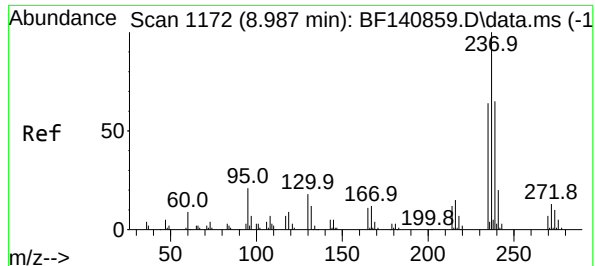
216 100

214 78.7 63.6 95.4

179 21.3 17.0 25.4

108 17.9 14.2 21.2

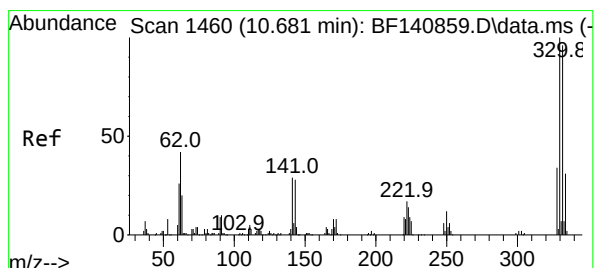
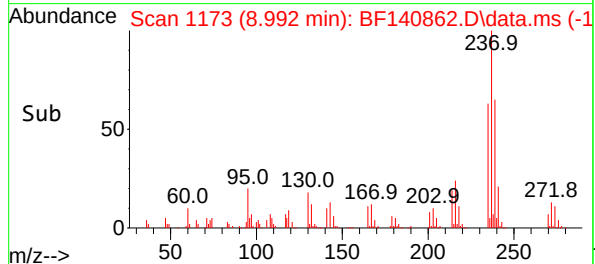
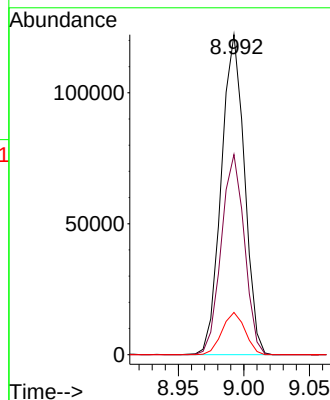
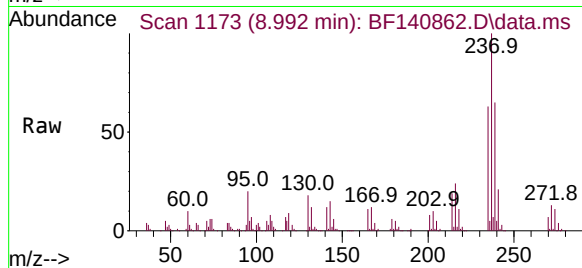




#41
Hexachlorocyclopentadiene
Concen: 80.025 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

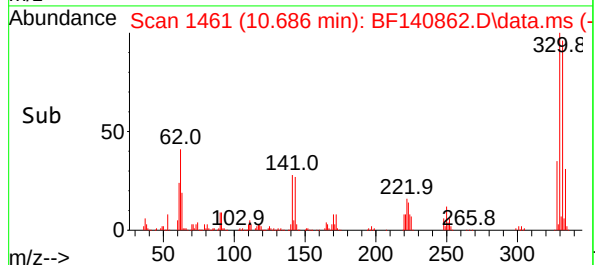
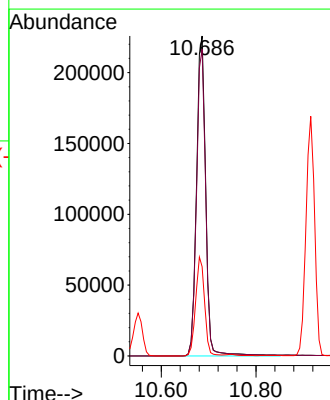
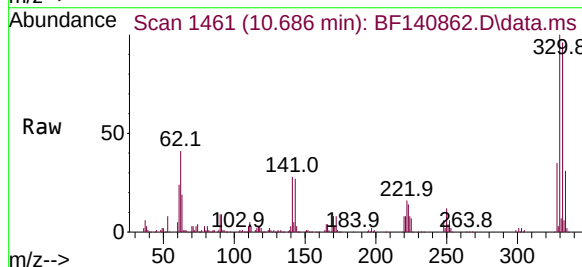
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

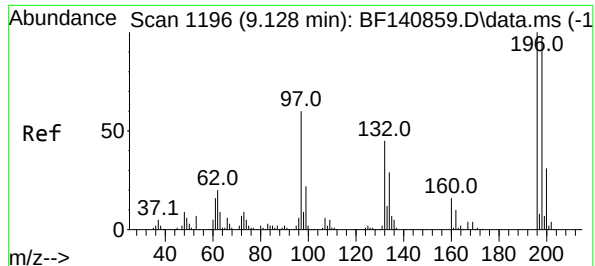
Tgt Ion: 237 Resp: 149909
Ion Ratio Lower Upper
237 100
235 62.6 43.7 83.7
272 13.2 0.0 32.9



#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

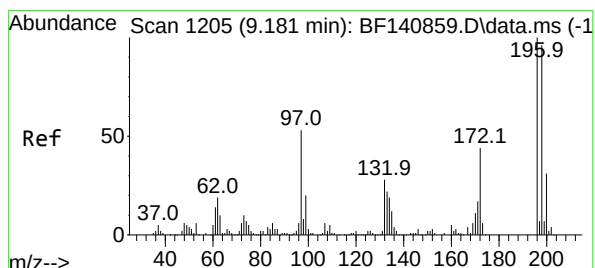
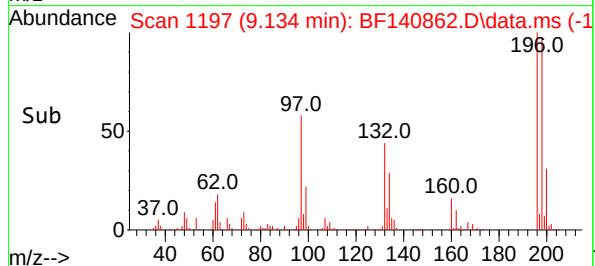
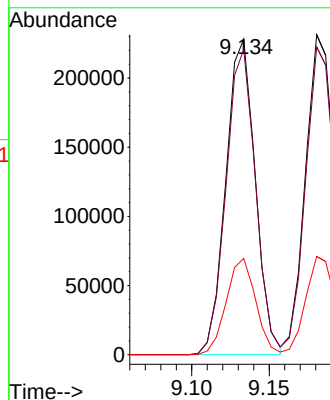
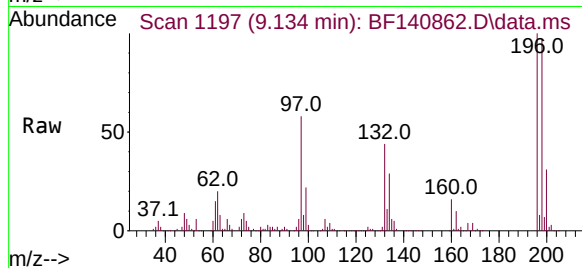
Tgt Ion:196 Resp: 301828

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

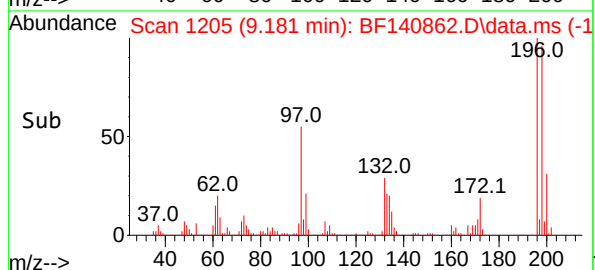
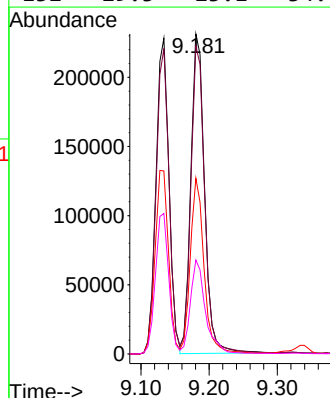
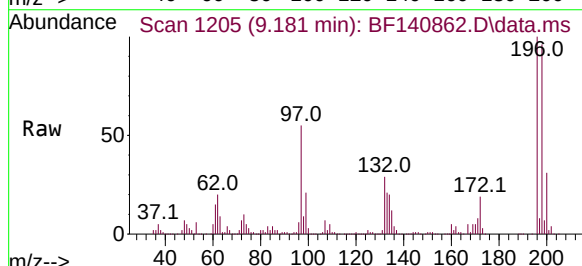
Ion Ratio Lower Upper

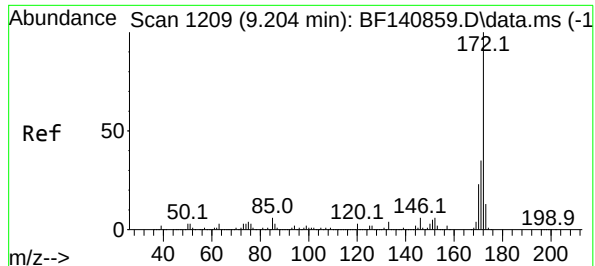
196 100

198 96.1 77.2 115.8

97 54.9 42.2 63.4

132 29.3 23.1 34.7

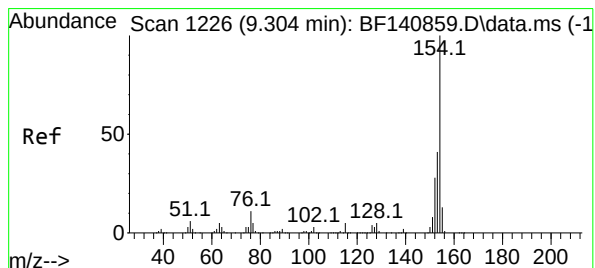
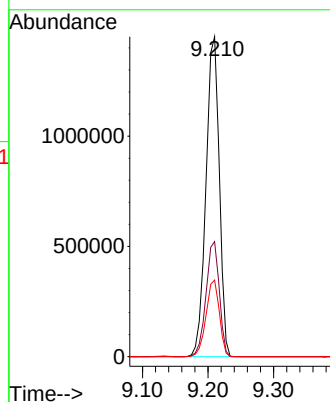
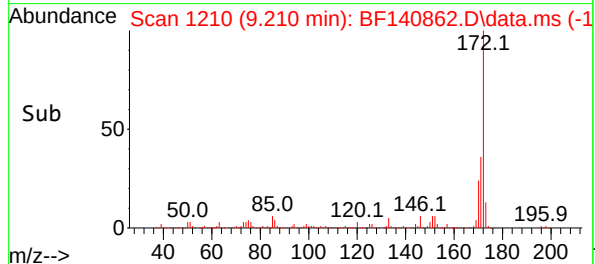
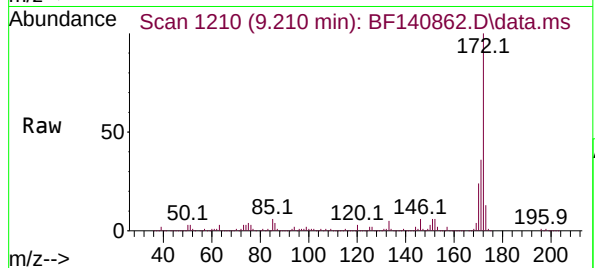




#45
2-Fluorobiphenyl
Concen: 166.807 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

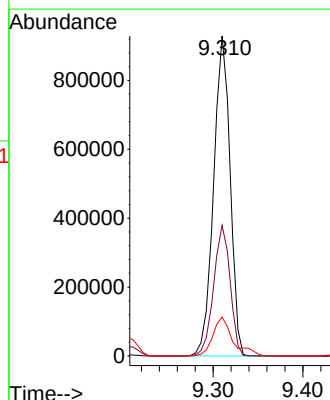
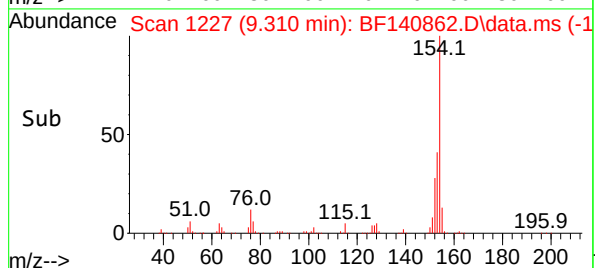
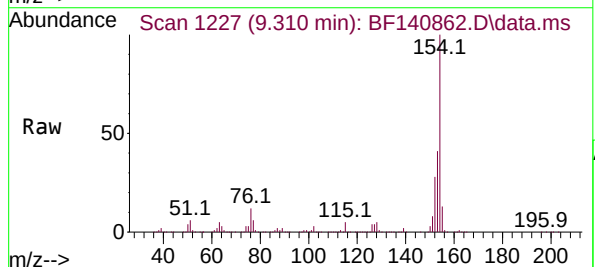
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

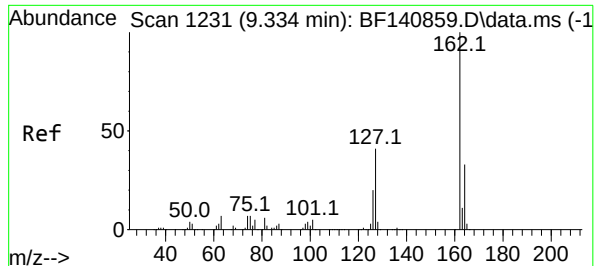
Tgt Ion:172 Resp: 2054327
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 18.6 28.0



#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

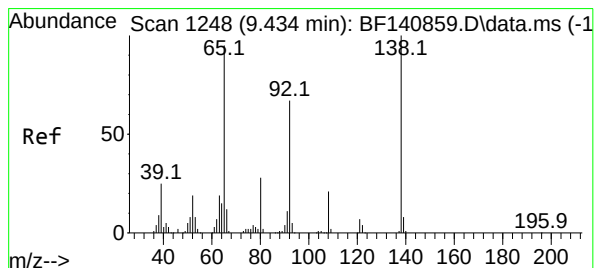
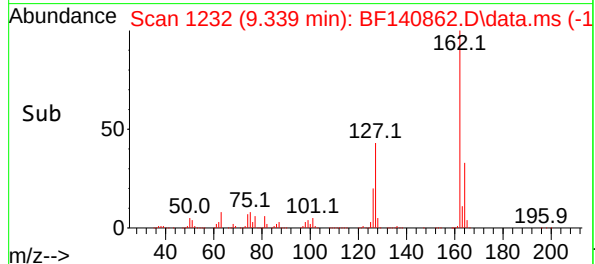
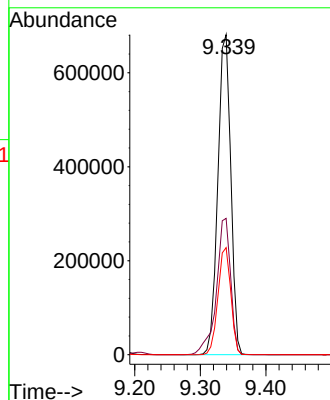
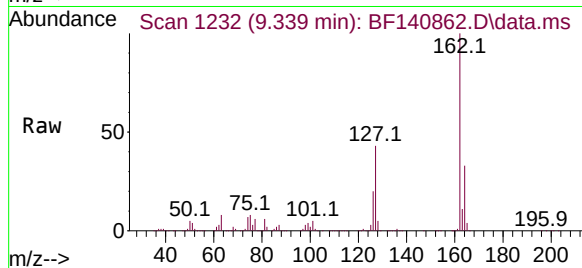




#47
2-Chloronaphthalene
Concen: 90.075 ng
RT: 9.339 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

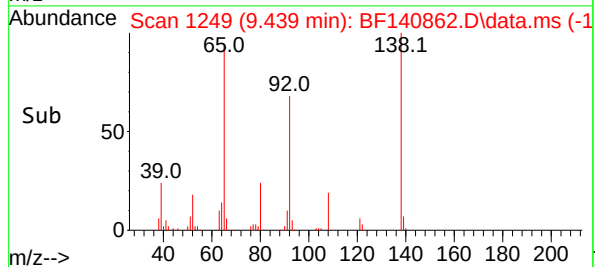
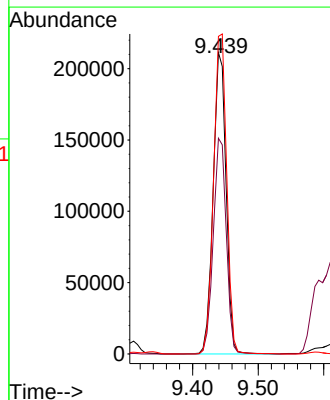
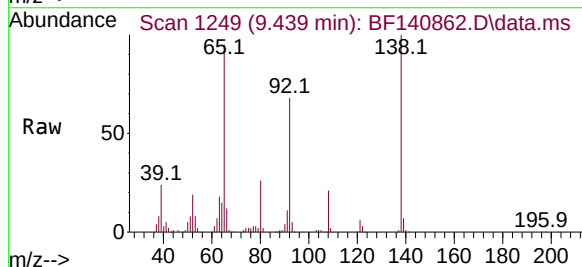
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

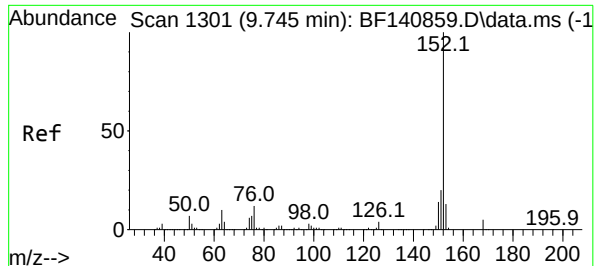
Tgt Ion:162 Resp: 927799
Ion Ratio Lower Upper
162 100
127 42.6 33.5 50.3
164 33.4 26.2 39.2



#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

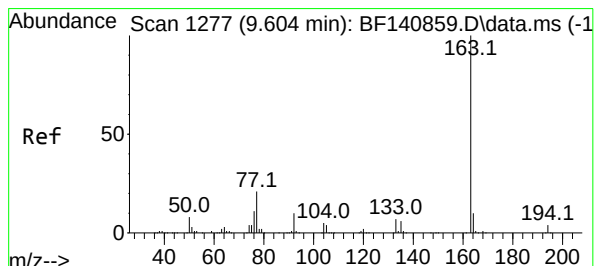
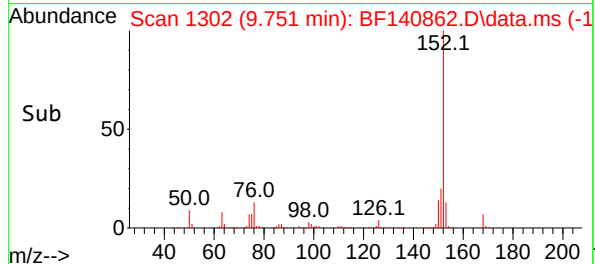
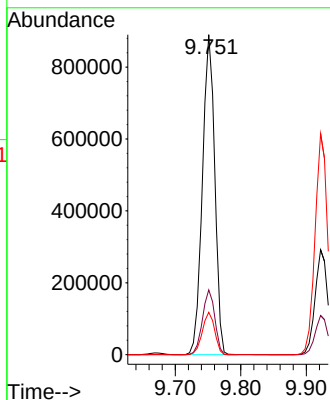
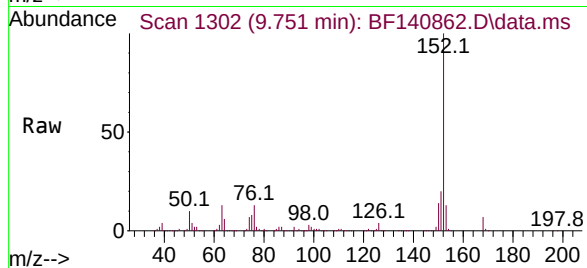
Tgt Ion:152 Resp: 1169747

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

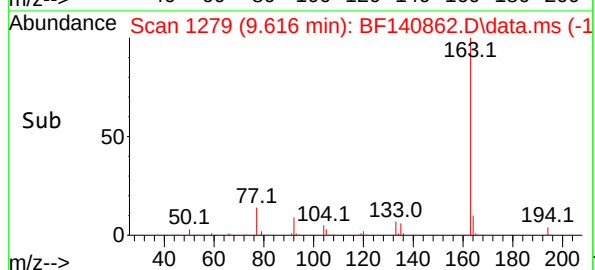
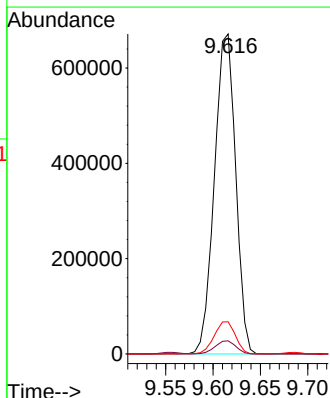
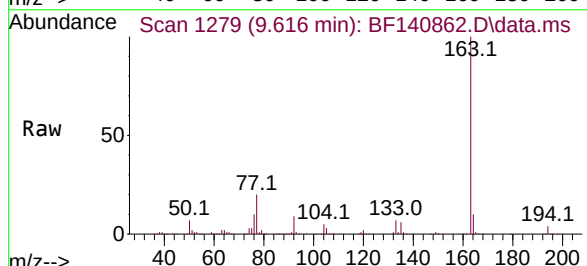
Tgt Ion:163 Resp: 1049196

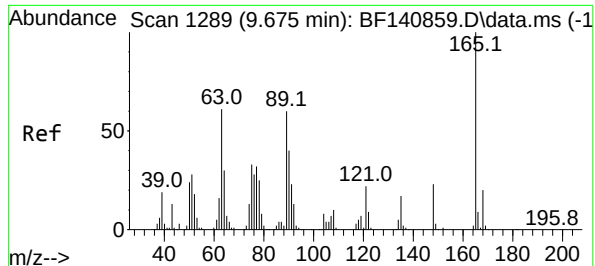
Ion Ratio Lower Upper

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

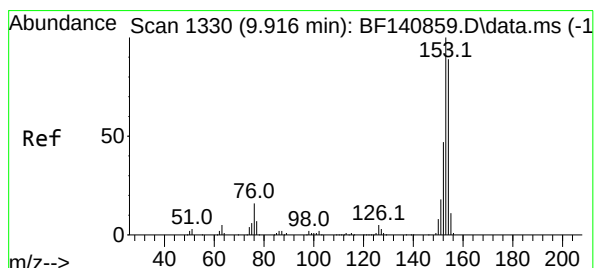
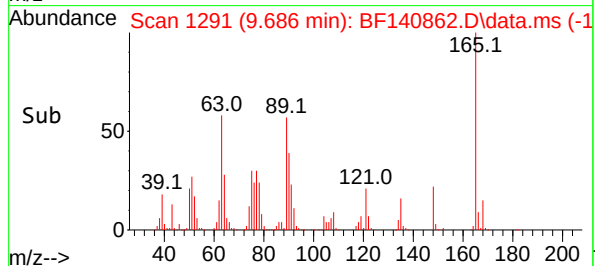
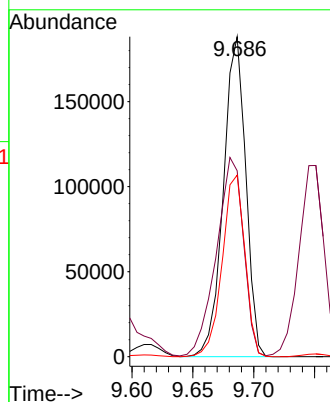
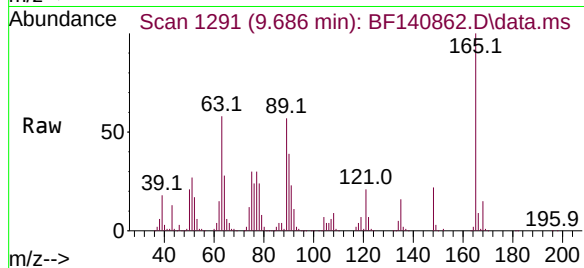
Tgt Ion:165 Resp: 240439

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

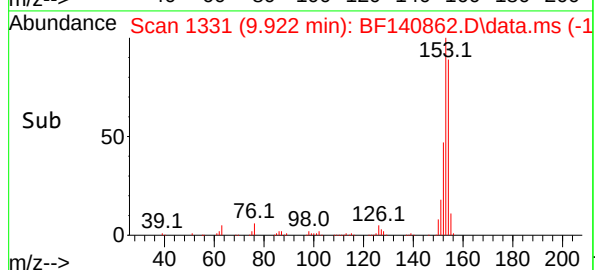
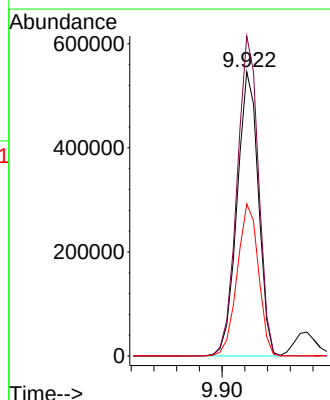
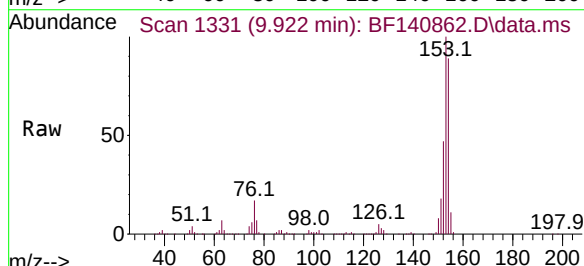
Tgt Ion:154 Resp: 710789

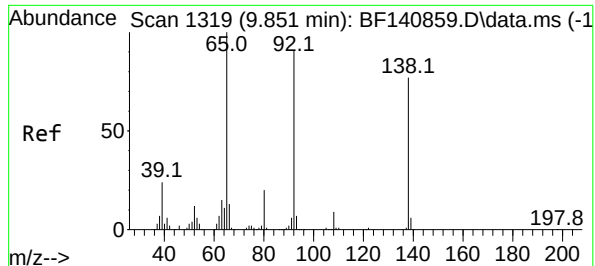
Ion Ratio Lower Upper

154 100

153 112.6 89.9 134.9

152 53.5 42.6 63.8

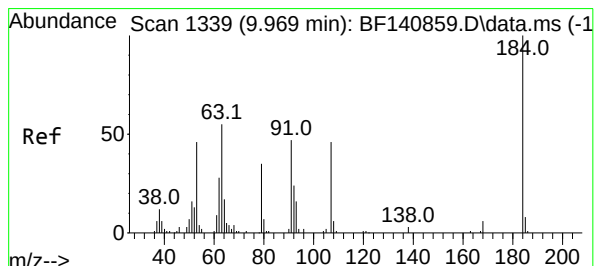
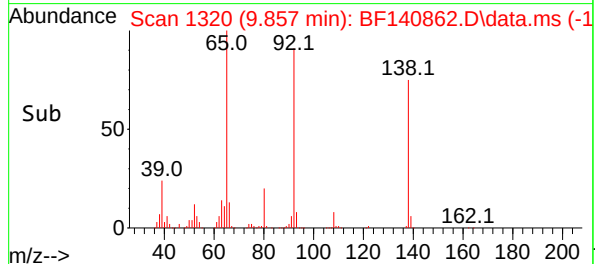
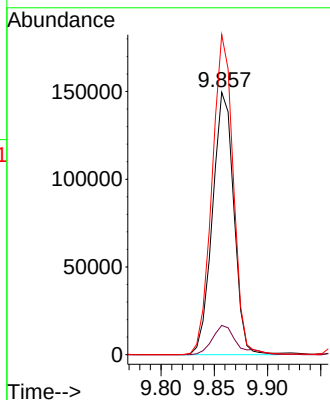
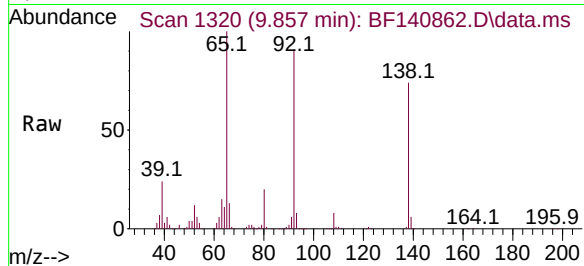




#53
3-Nitroaniline
Concen: 76.804 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

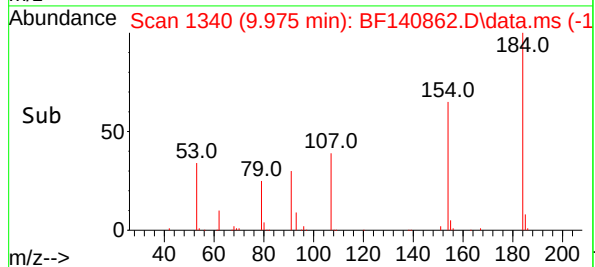
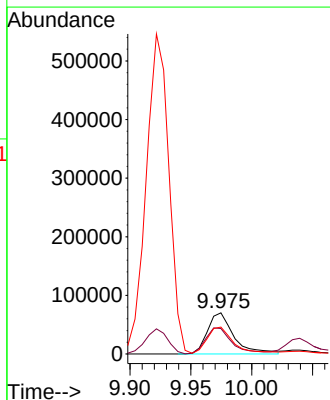
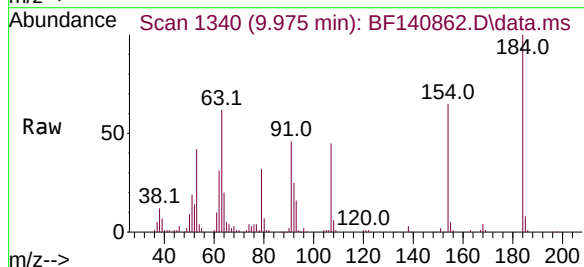
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

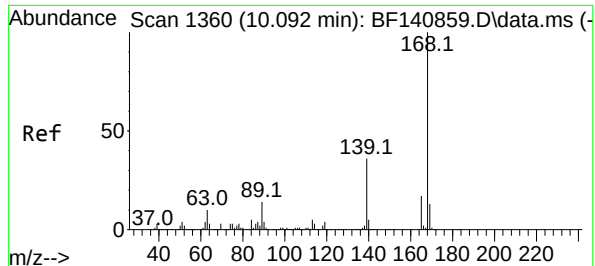
Tgt Ion:138 Resp: 208004
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 122.0 95.5 143.3



#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

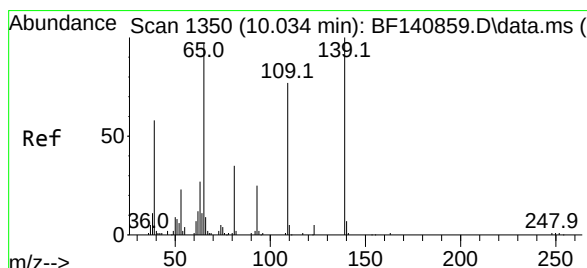
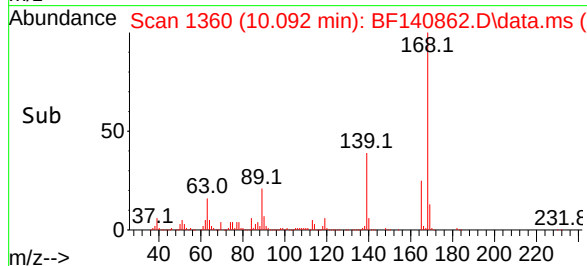
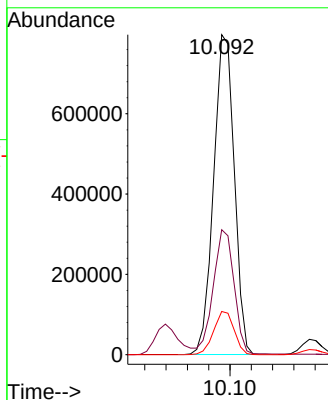
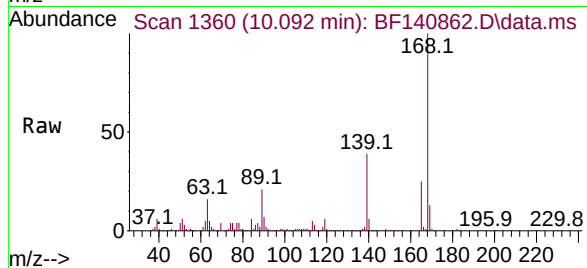
Tgt Ion:168 Resp: 1071923

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

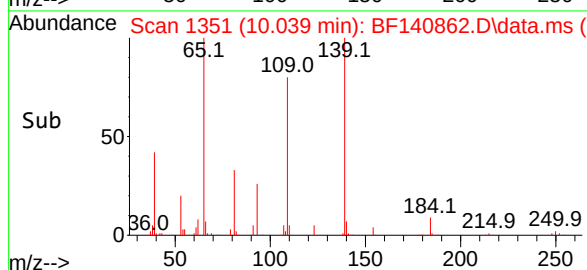
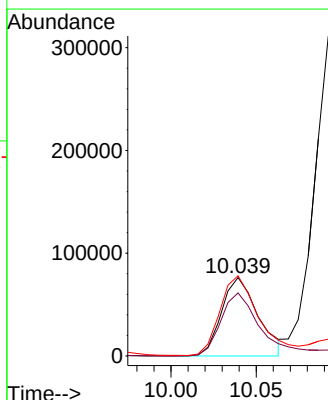
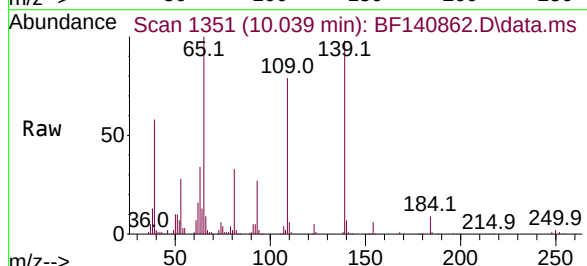
Tgt Ion:139 Resp: 112972

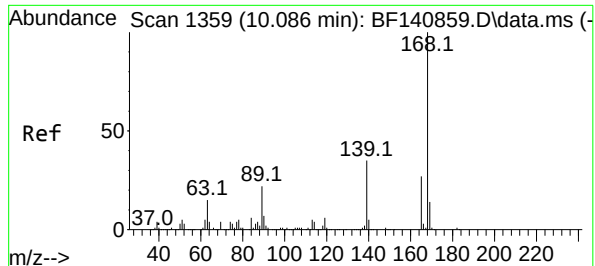
Ion Ratio Lower Upper

139 100

109 80.5 56.7 96.7

65 102.3 78.1 118.1

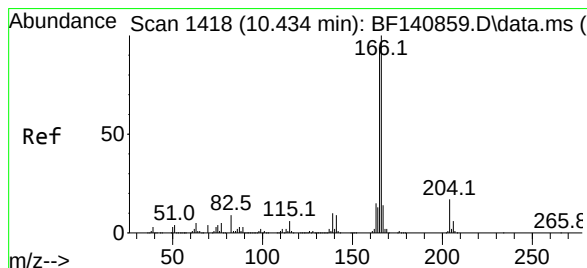
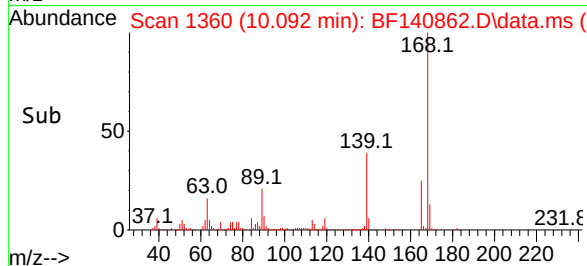
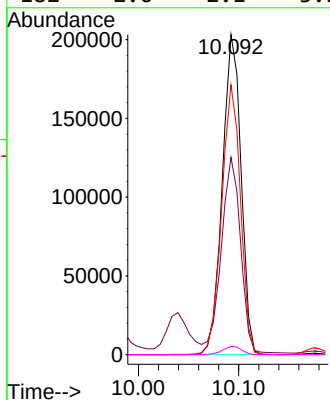
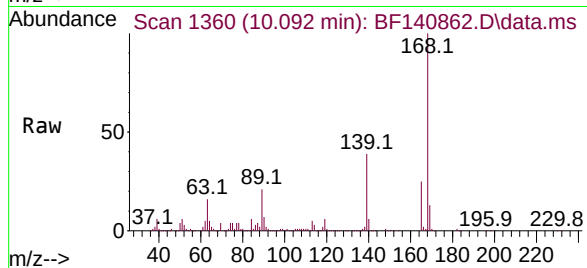




#57
2,4-Dinitrotoluene
Concen: 73.423 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

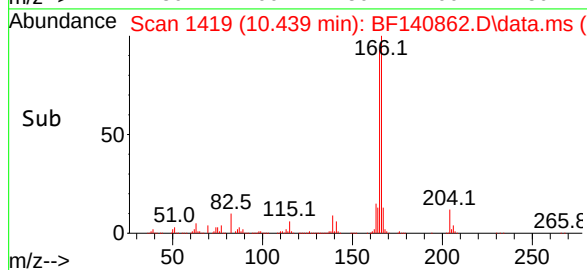
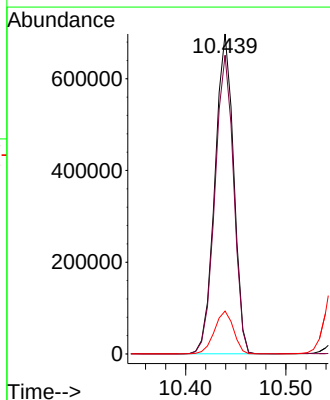
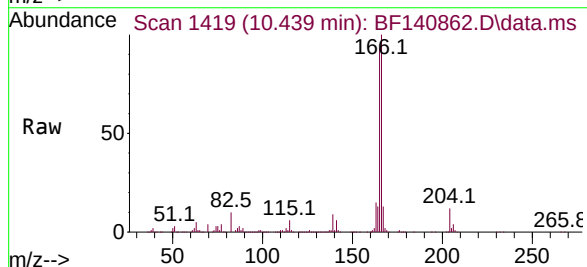
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

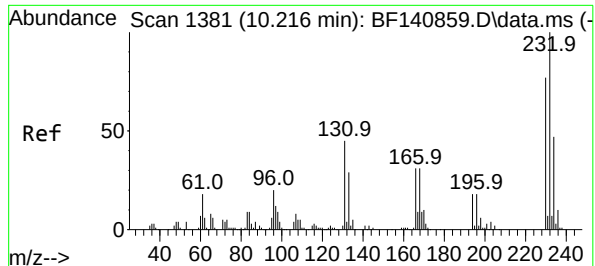
Tgt Ion:165 Resp: 263636
Ion Ratio Lower Upper
165 100
63 61.7 49.3 73.9
89 84.3 66.2 99.4
182 2.6 2.1 3.1



#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

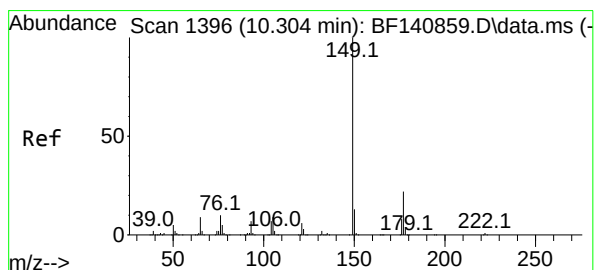
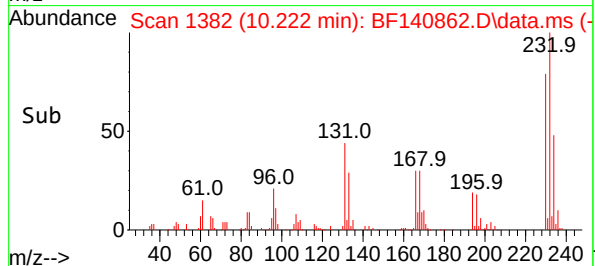
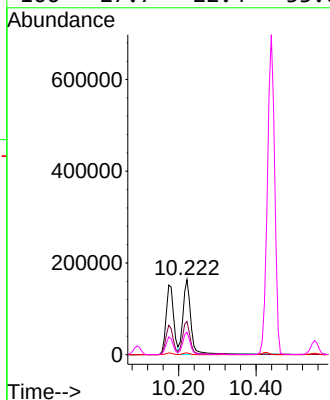
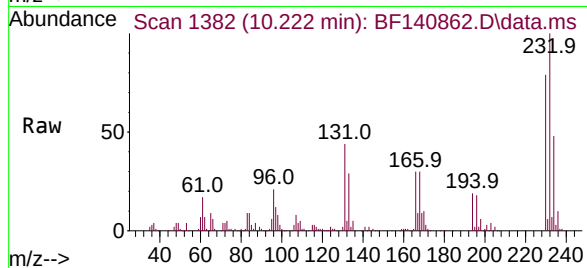




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.870 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

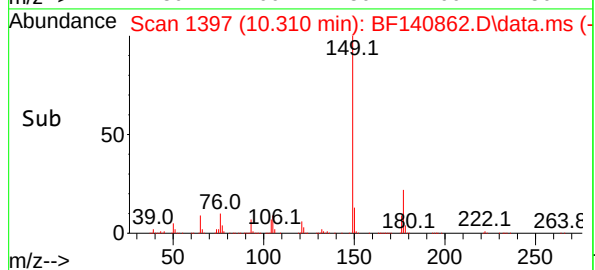
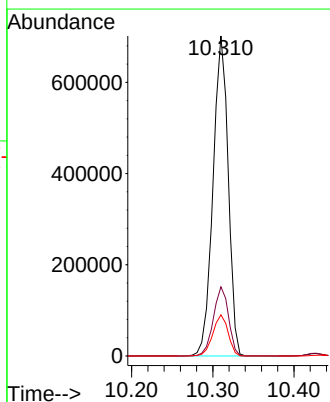
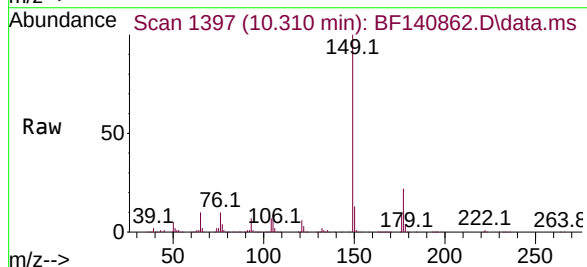
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

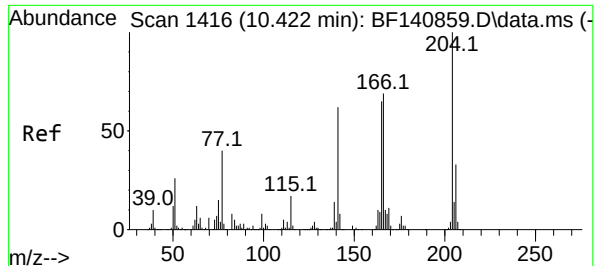
Tgt Ion:232 Resp: 230812
Ion Ratio Lower Upper
232 100
131 43.4 35.1 52.7
130 2.1 1.8 2.8
166 27.7 22.4 33.6



#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

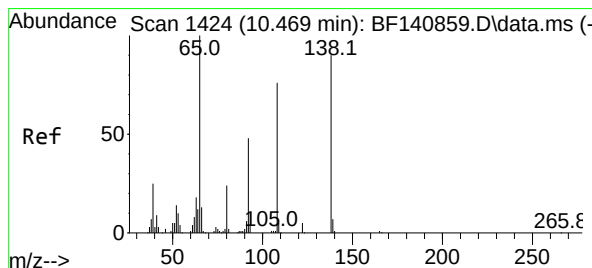
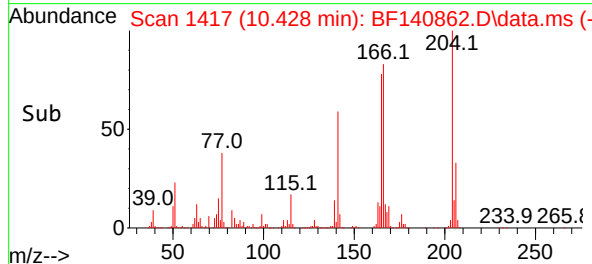
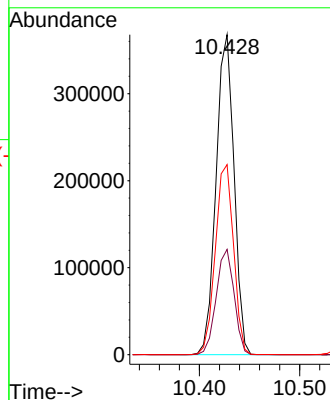
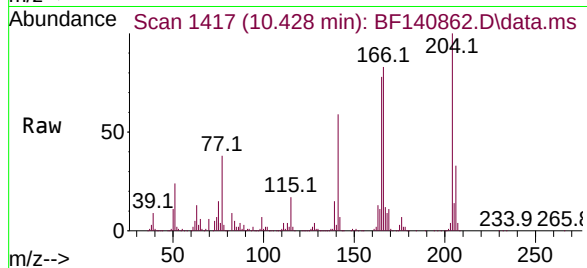




#61
4-Chlorophenyl-phenylether
Concen: 73.562 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

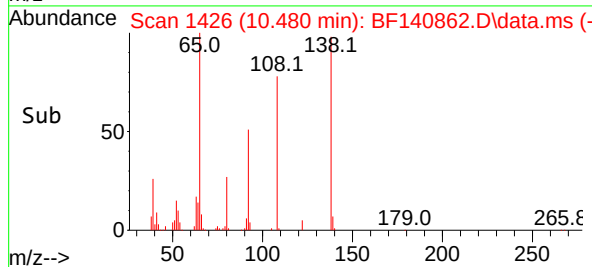
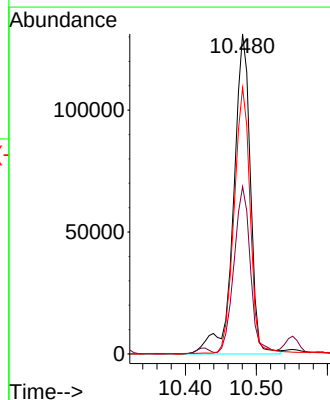
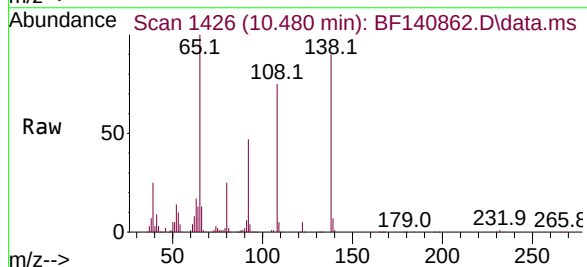
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

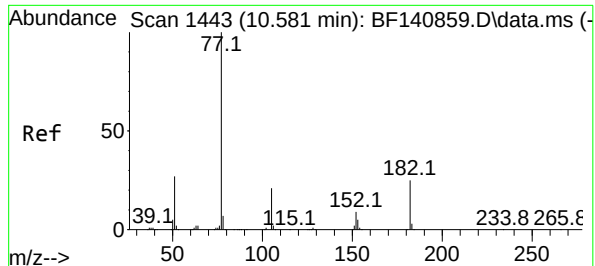
Tgt Ion:204 Resp: 456754
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.4 50.0 75.0



#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

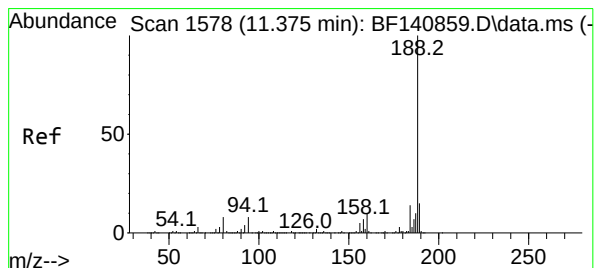
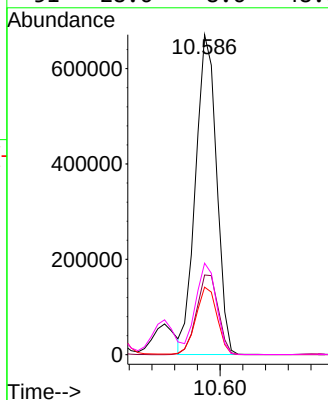
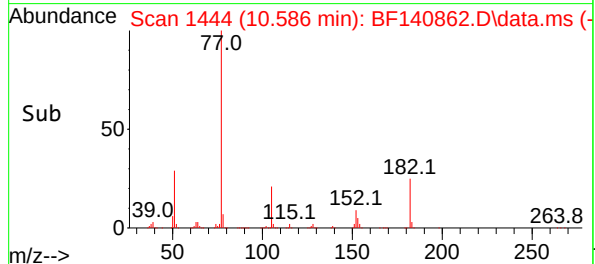
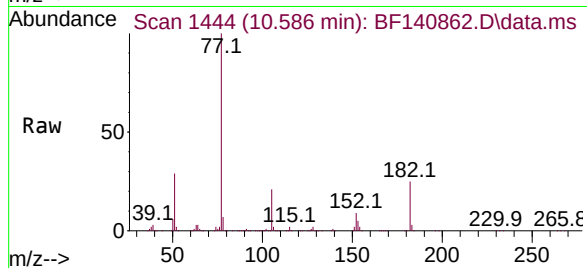




#63
Azobenzene
Concen: 74.110 ng
RT: 10.586 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

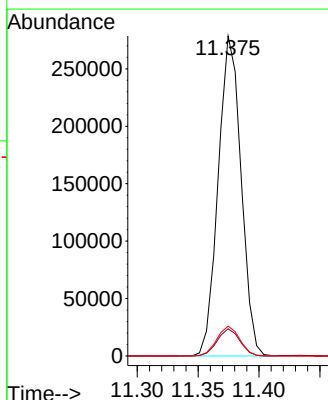
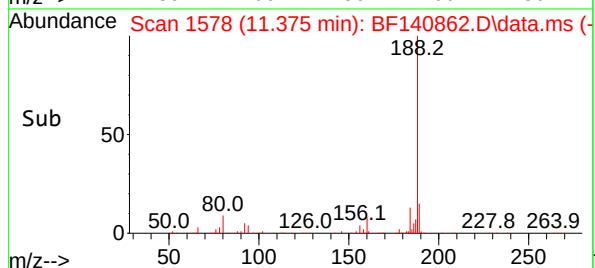
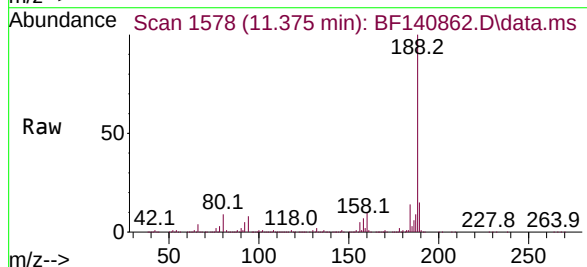
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

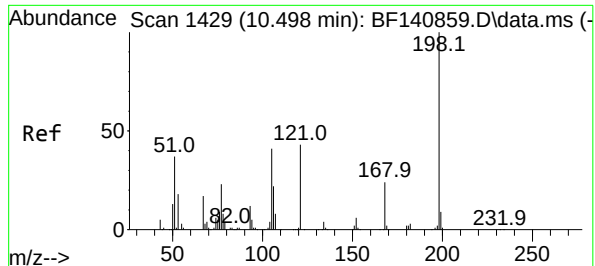
Tgt Ion: 77 Resp: 862457
Ion Ratio Lower Upper
77 100
182 24.9 4.5 44.5
105 21.1 0.9 40.9
51 28.6 8.6 48.6



#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

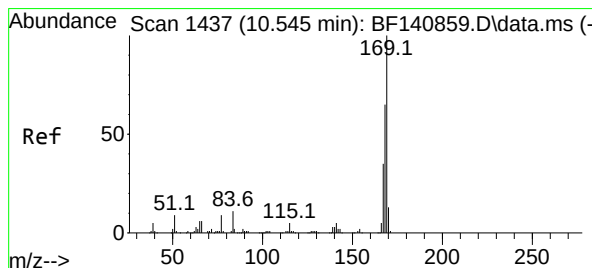
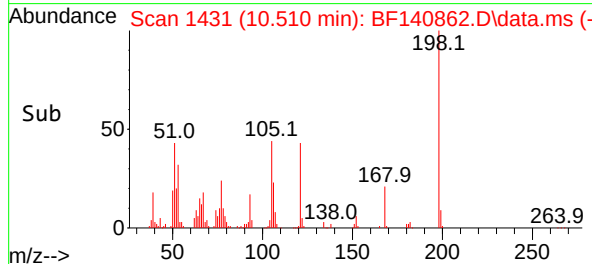
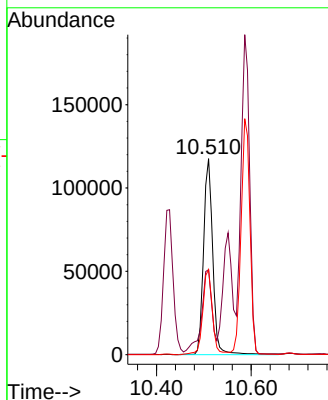
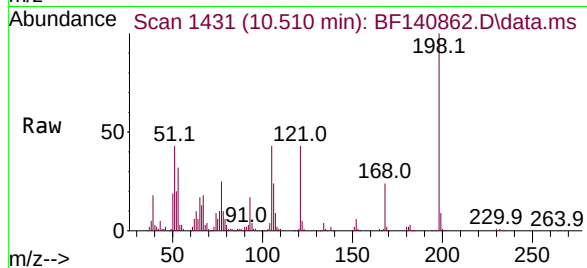




#65
4,6-Dinitro-2-methylphenol
Concen: 76.975 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

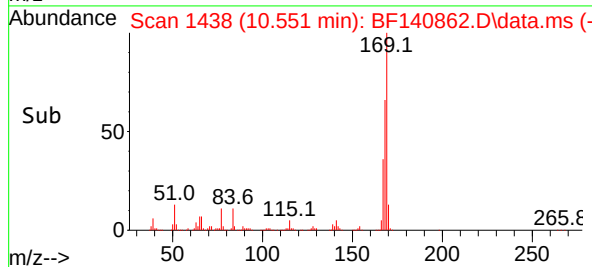
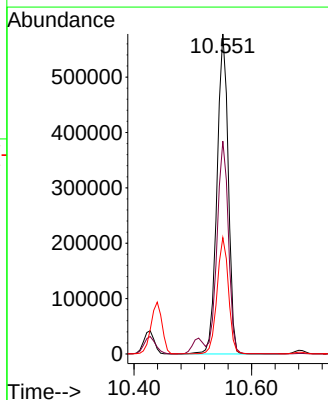
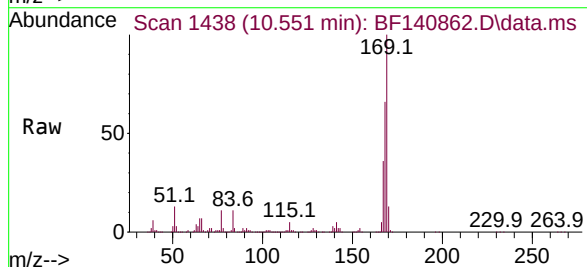
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

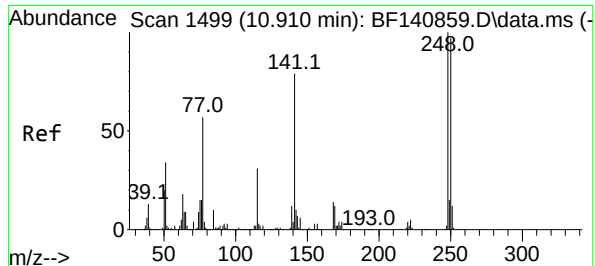
Tgt Ion:198 Resp: 158996
Ion Ratio Lower Upper
198 100
51 43.3 24.4 64.4
105 43.4 22.1 62.1



#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:169 Resp: 767906
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.3 28.3 42.5

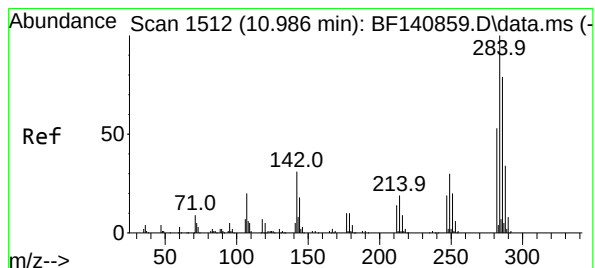
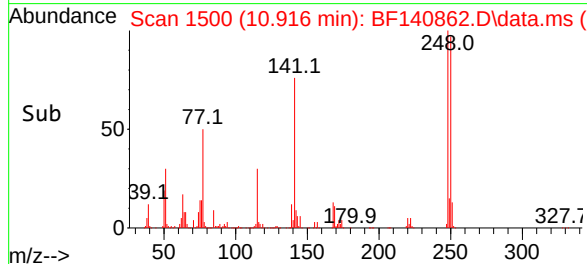
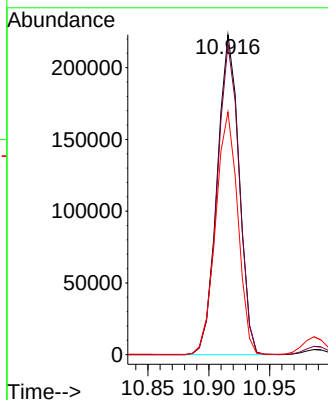
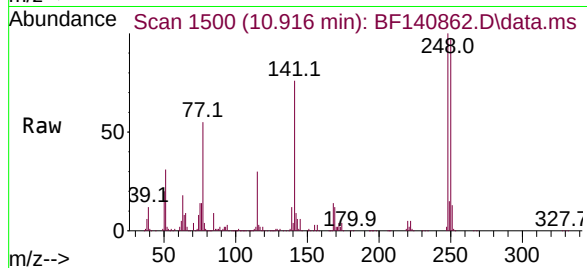




#67
4-Bromophenyl-phenylether
Concen: 68.648 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

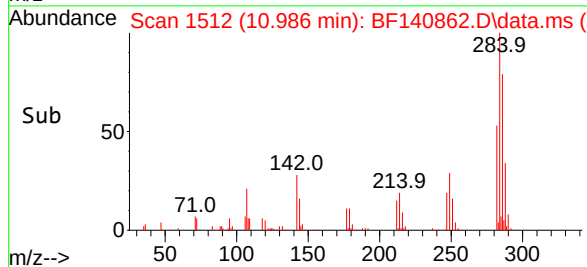
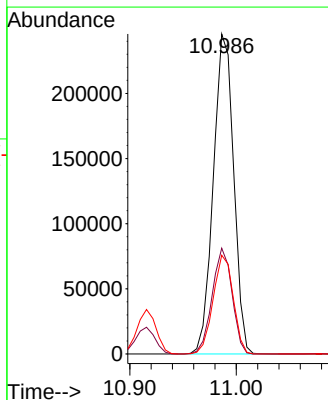
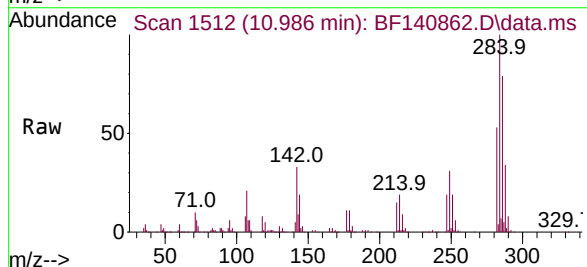
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

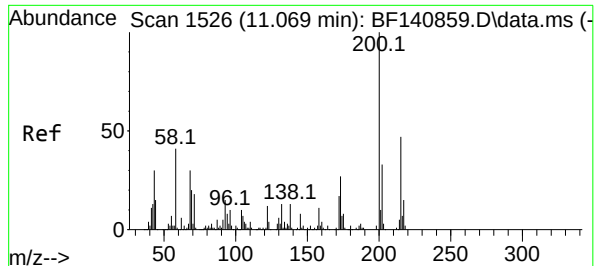
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	75.9	62.9	94.3



#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

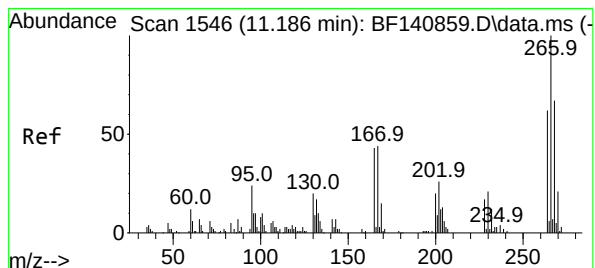
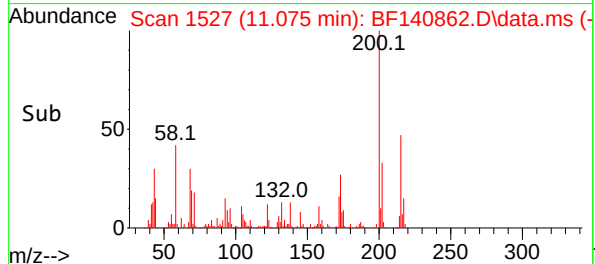
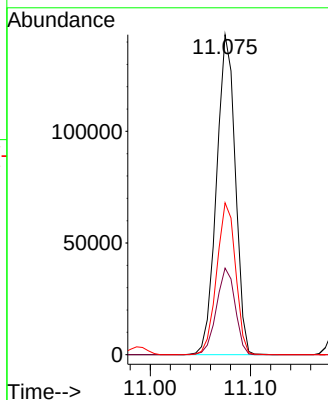
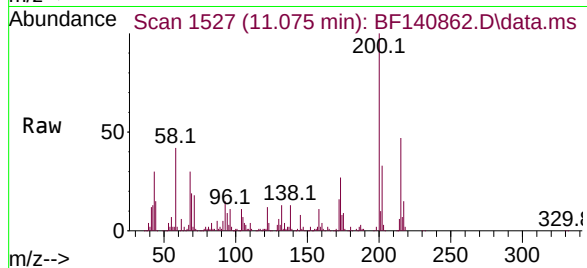




#69
Atrazine
Concen: 59.385 ng
RT: 11.075 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

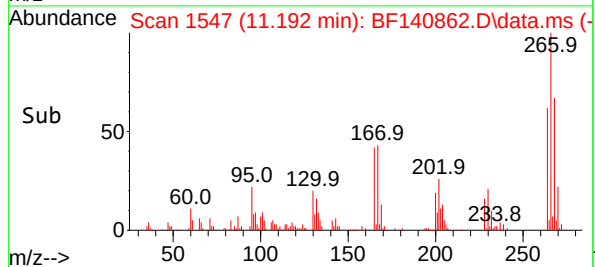
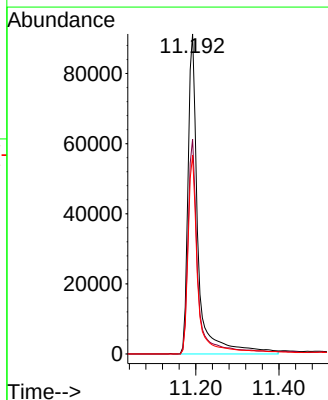
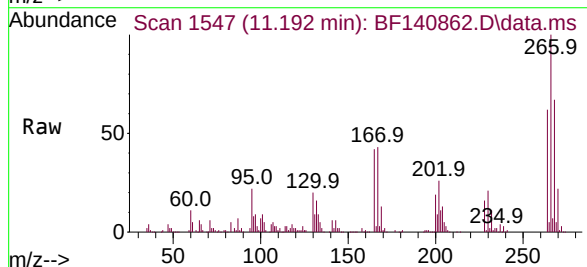
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

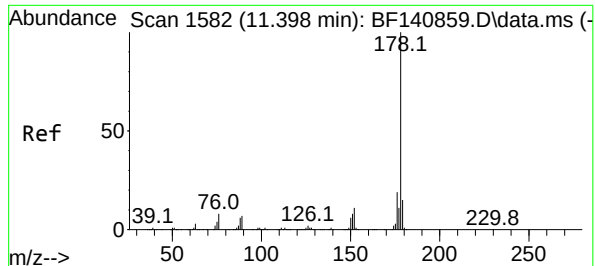
Tgt Ion:200 Resp: 185877
Ion Ratio Lower Upper
200 100
173 27.1 6.6 46.6
215 47.4 26.7 66.7



#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

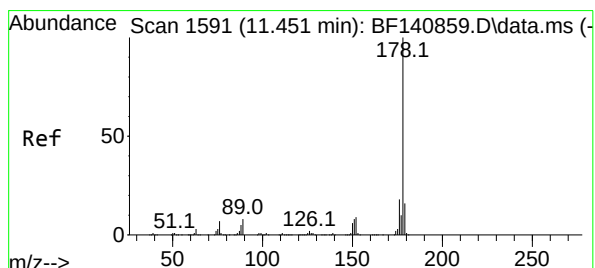
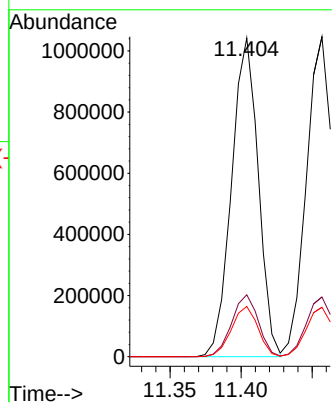
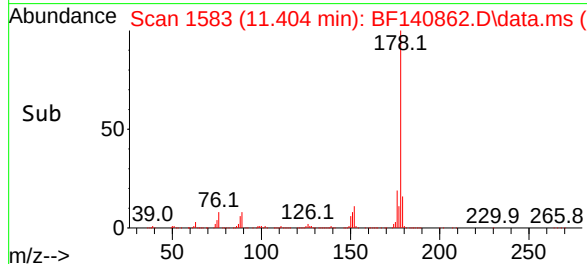
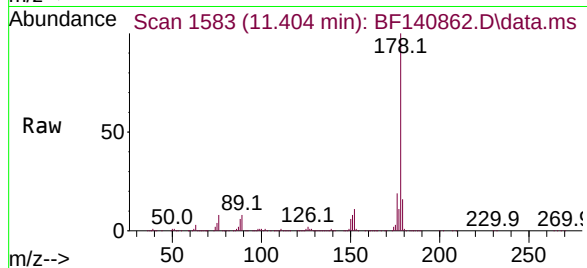




#71
Phenanthrene
Concen: 72.850 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

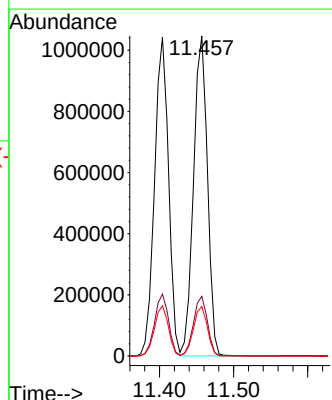
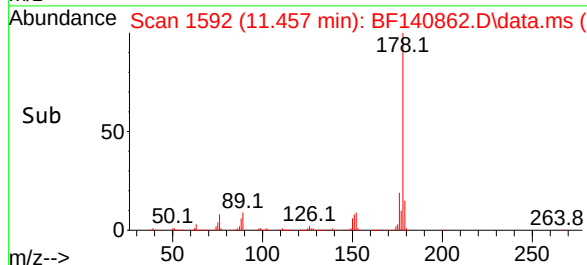
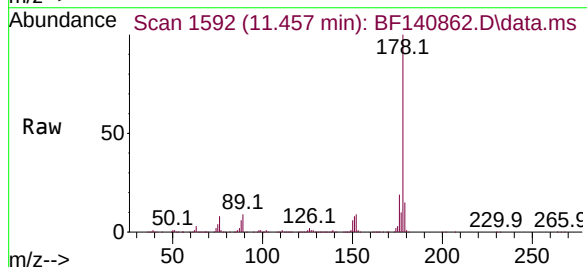
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

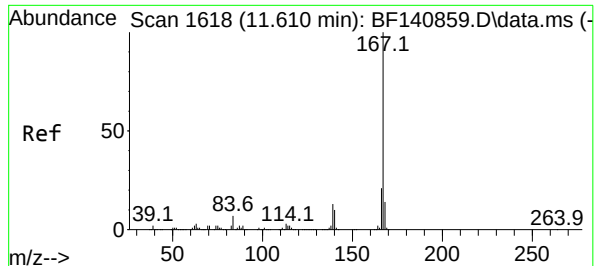
Tgt Ion:178 Resp: 1365579
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.1 18.1



#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

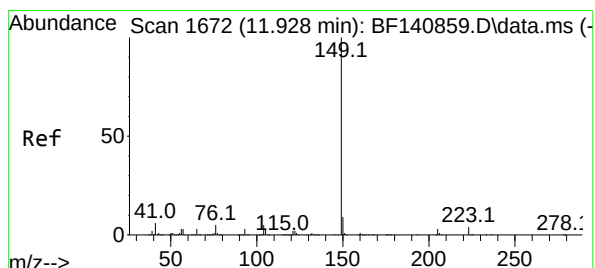
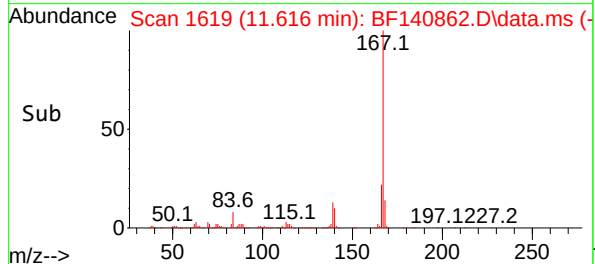
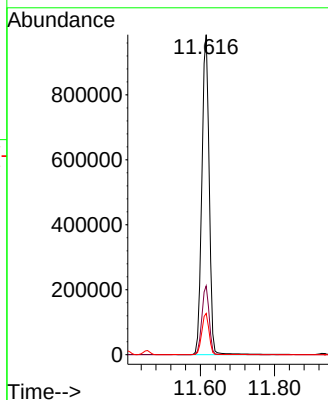
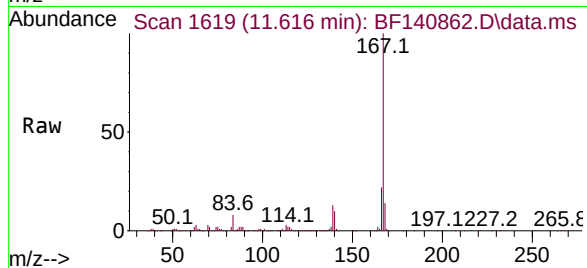




#73
Carbazole
Concen: 74.170 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

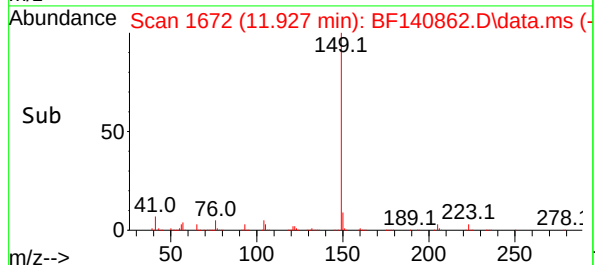
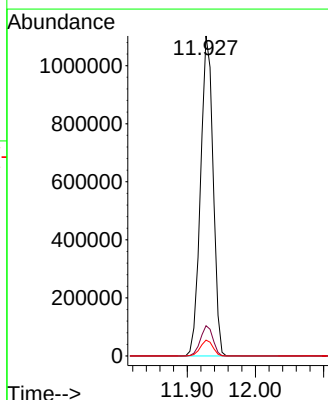
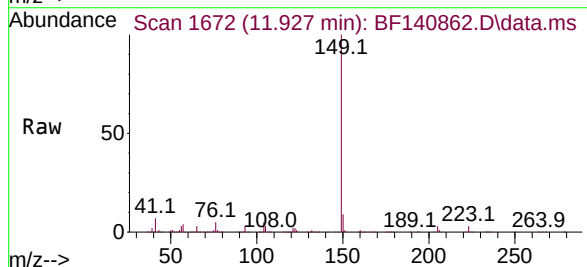
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

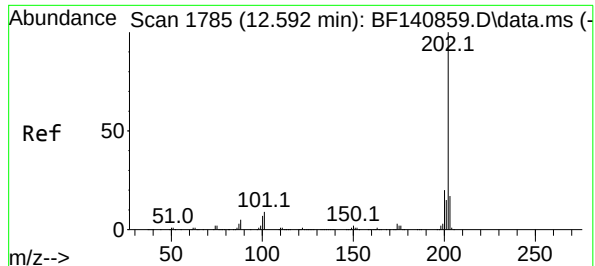
Tgt Ion:167 Resp: 1341097
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.9 10.2 15.2



#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

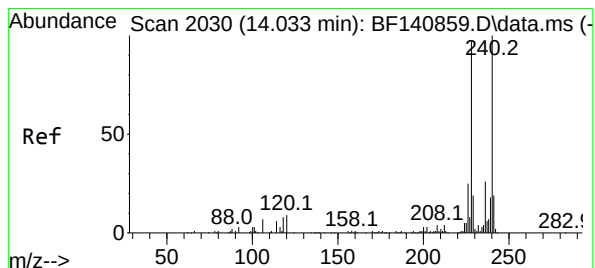
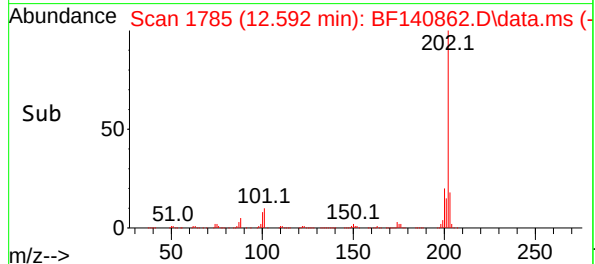
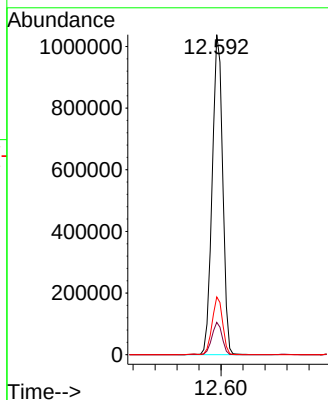
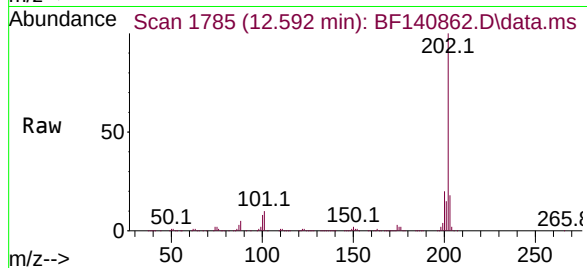




#75
Fluoranthene
Concen: 63.687 ng
RT: 12.592 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

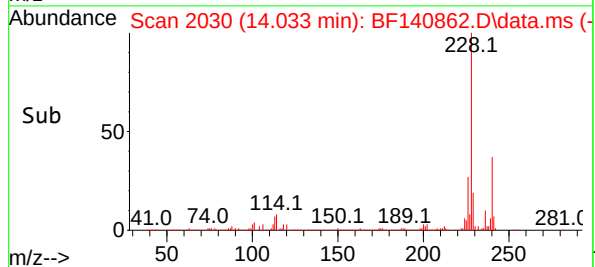
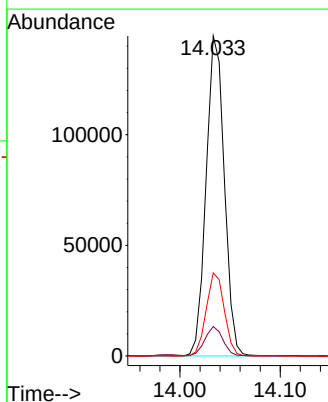
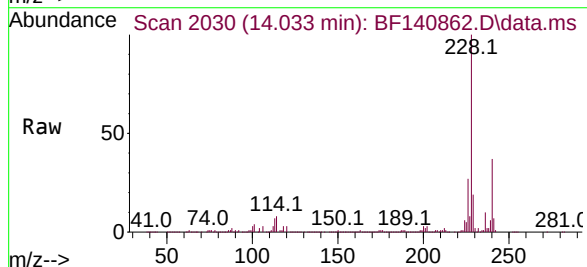
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

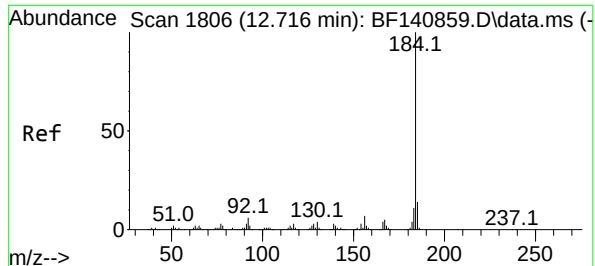
Tgt Ion:202 Resp: 1374862
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 18.1 0.0 37.4



#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

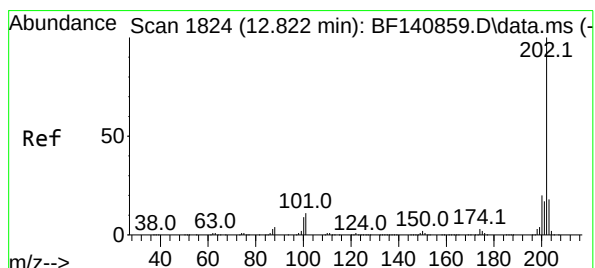
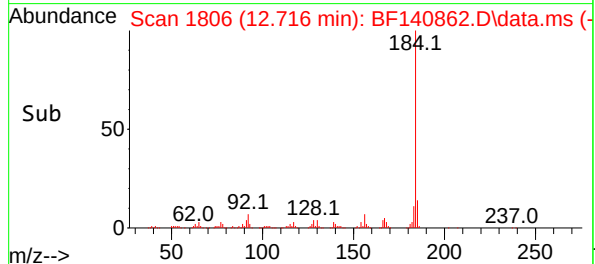
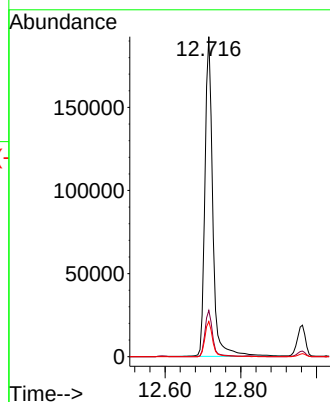
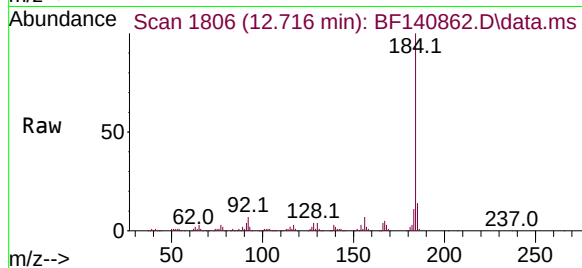




#77
Benzidine
Concen: 74.064 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

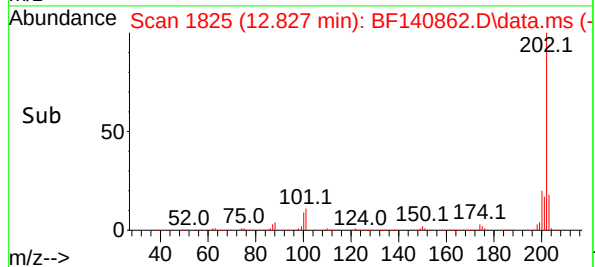
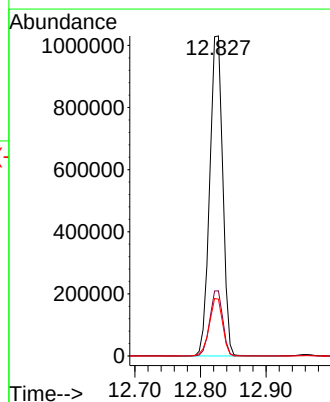
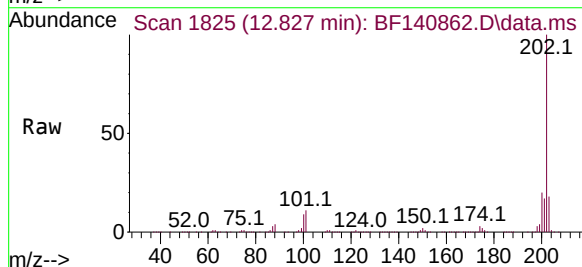
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

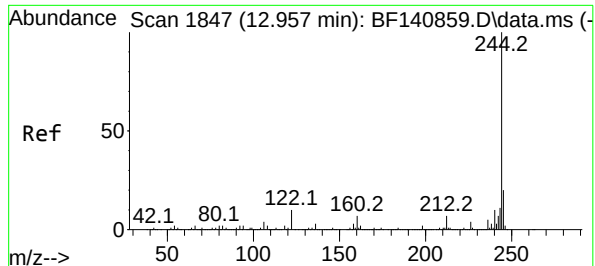
Tgt Ion:184 Resp: 276230
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 11.0 9.0 13.4



#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

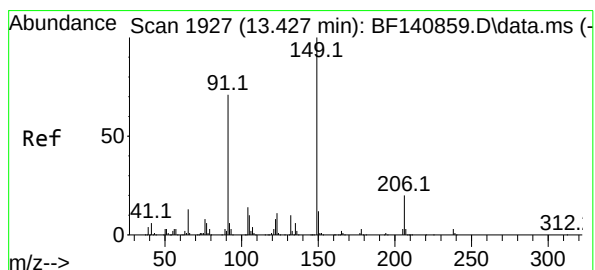
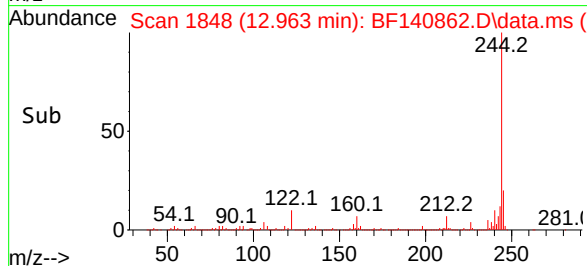
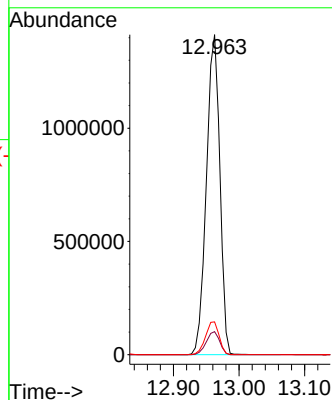
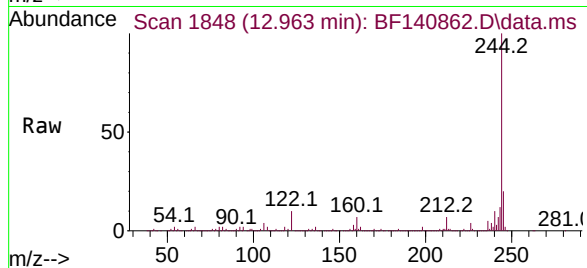
Tgt Ion:244 Resp: 2018997

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

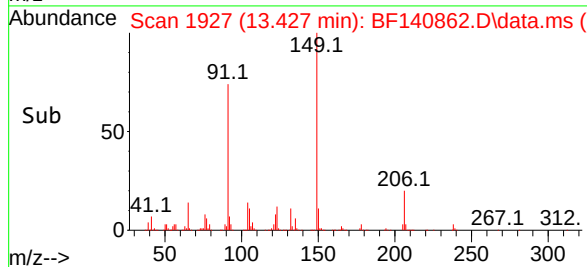
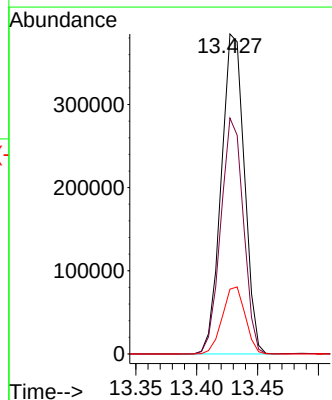
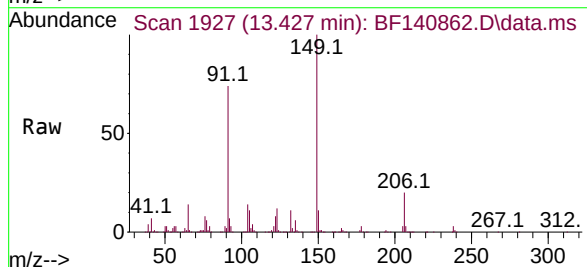
Tgt Ion:149 Resp: 508497

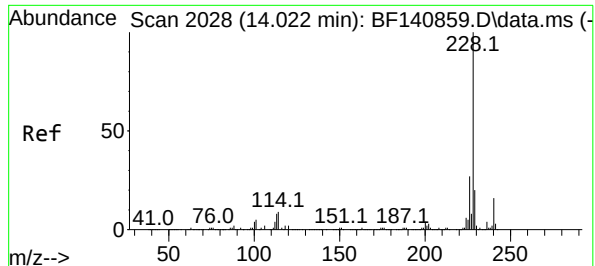
Ion Ratio Lower Upper

149 100

91 73.7 56.7 85.1

206 20.3 16.4 24.6

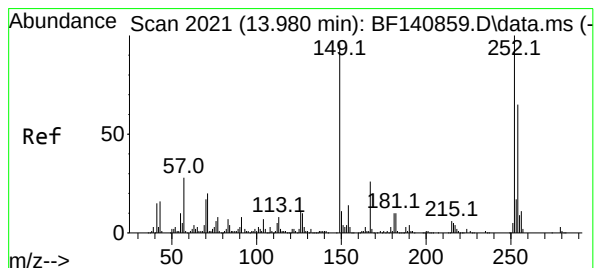
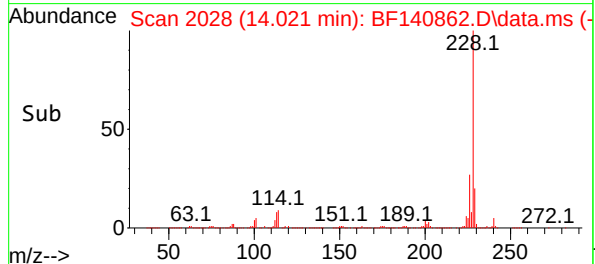
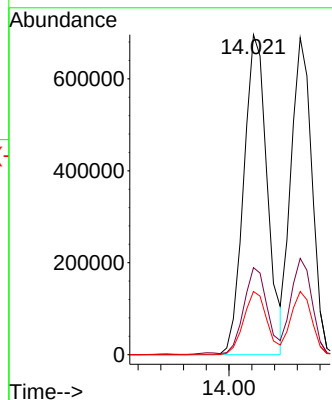
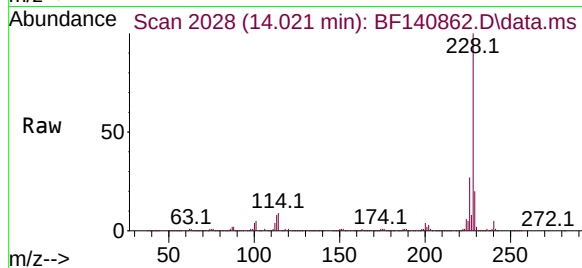




#81
Benzo(a)anthracene
Concen: 77.292 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

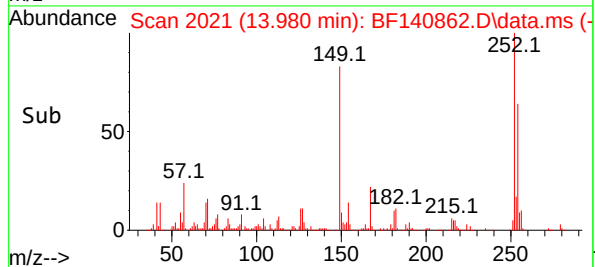
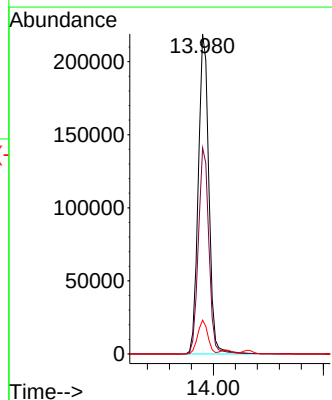
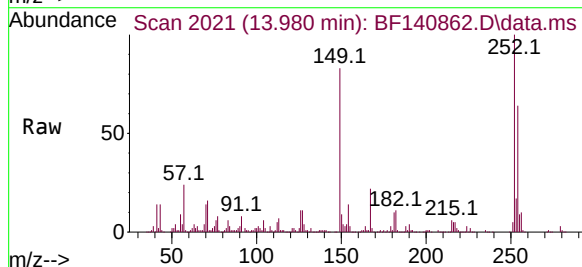
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

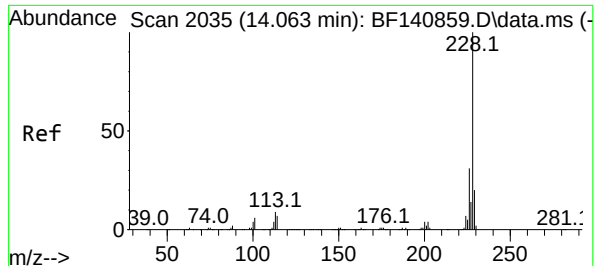
Tgt Ion:228 Resp: 1001035
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.8



#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

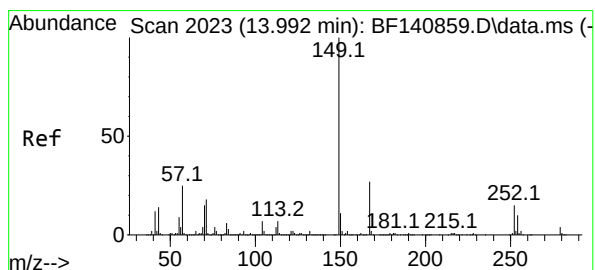
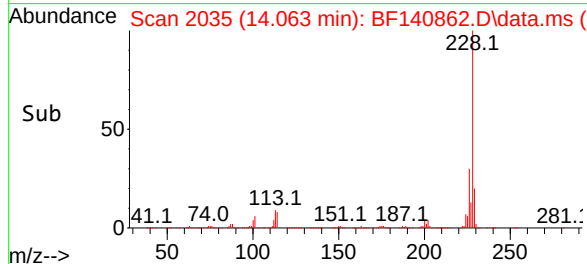
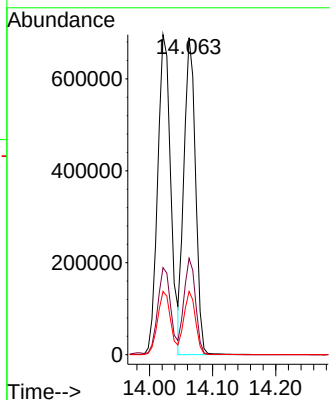
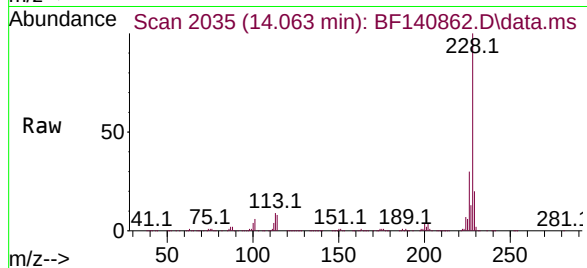




#83
Chrysene
Concen: 74.840 ng
RT: 14.063 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

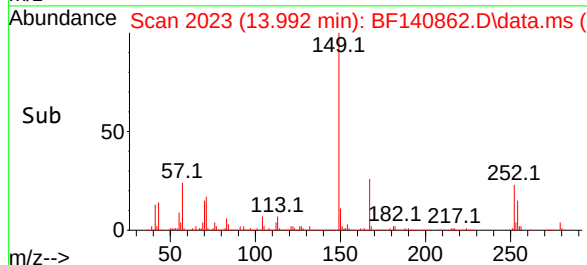
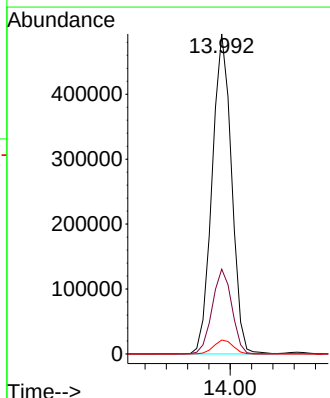
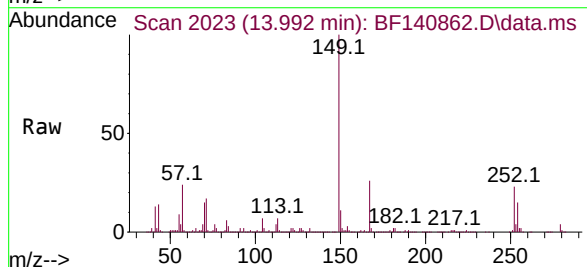
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

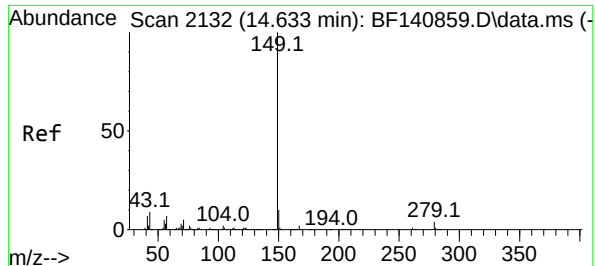
Tgt Ion:228 Resp: 881398
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.0 16.0 24.0



#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

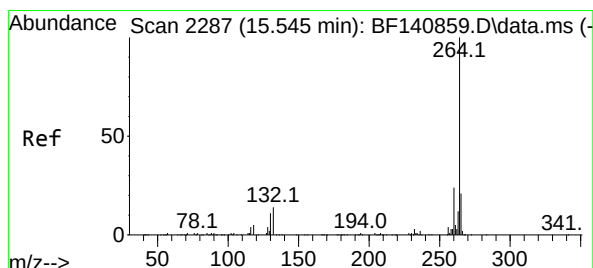
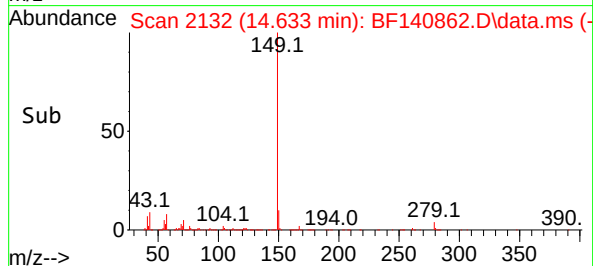
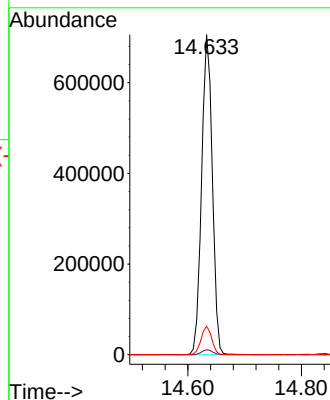
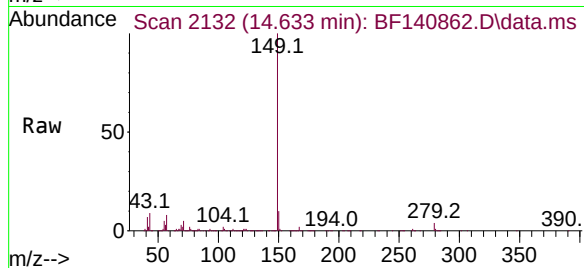




#85
Di-n-octyl phthalate
Concen: 79.125 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

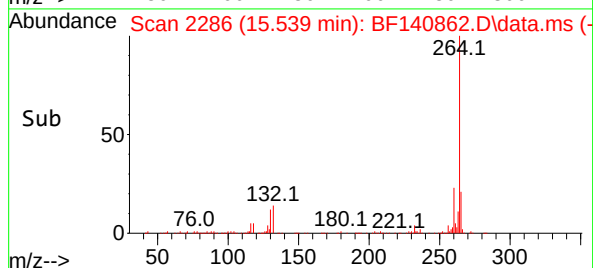
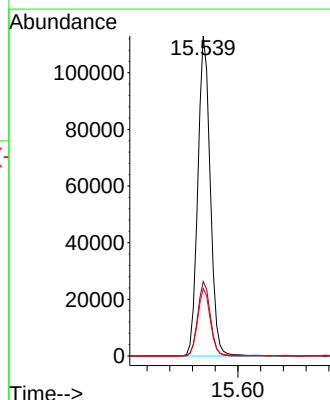
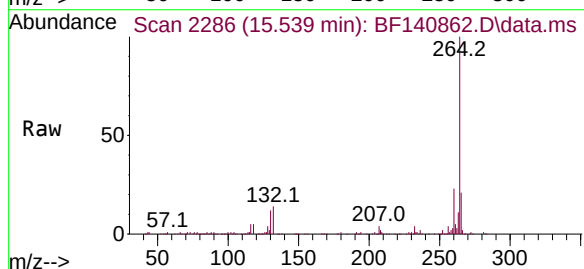
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

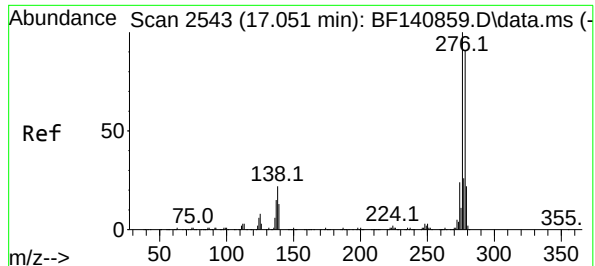
Tgt Ion:149 Resp: 922920
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.0 10.6



#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

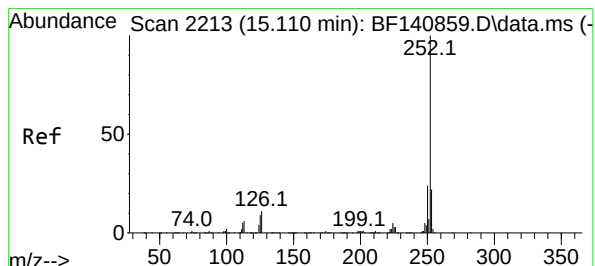
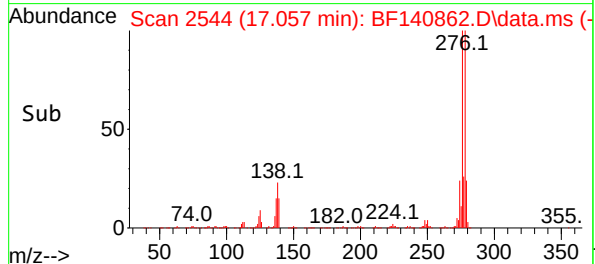
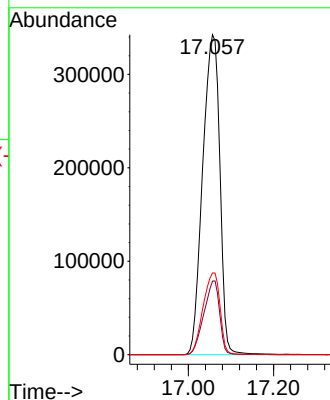
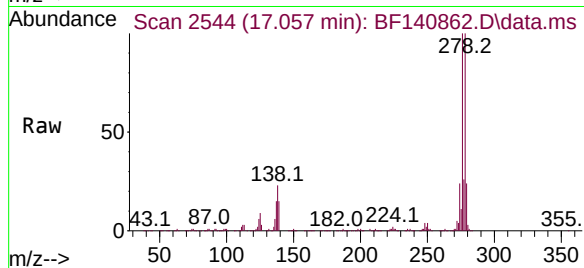




#87
Indeno(1,2,3-cd)pyrene
Concen: 89.400 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140862.D
Acq: 16 Dec 2024 16:15

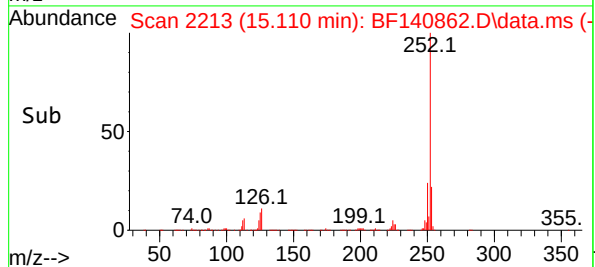
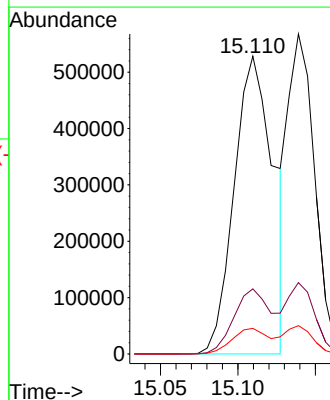
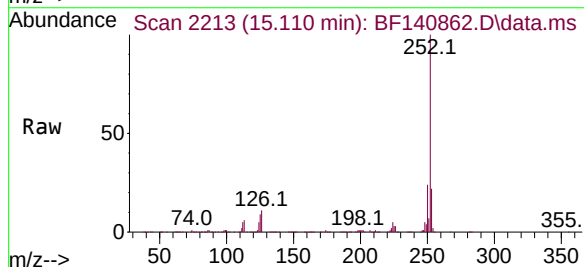
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

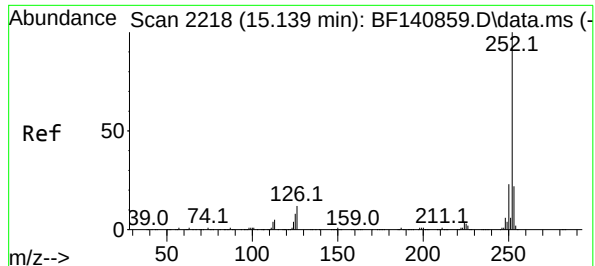
Tgt Ion:276 Resp: 957167
Ion Ratio Lower Upper
276 100
138 21.2 16.9 25.3
277 25.2 20.2 30.4



#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# 21

Delta R.T. -0.000 min

Lab File: BF140862.D

Acq: 16 Dec 2024 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

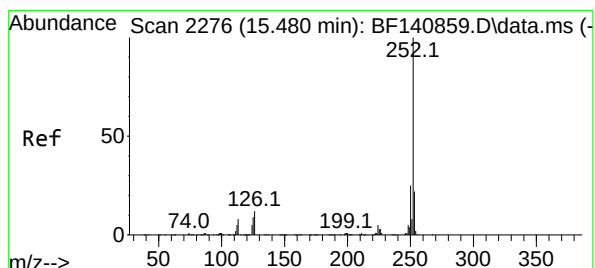
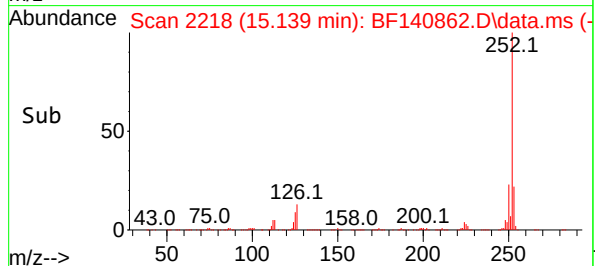
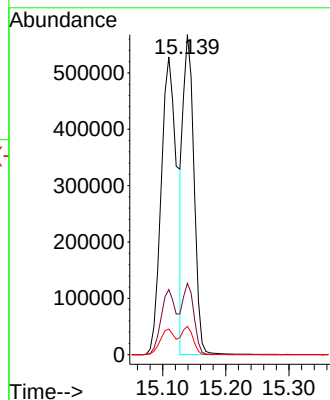
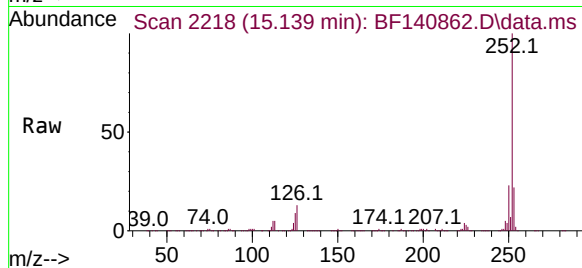
Tgt Ion:252 Resp: 683254

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

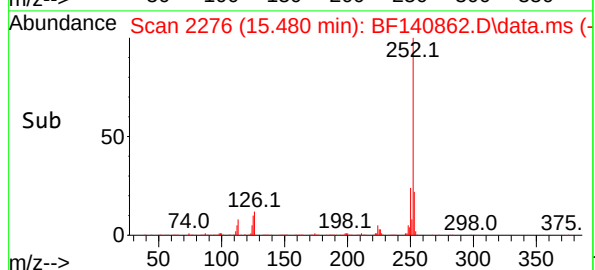
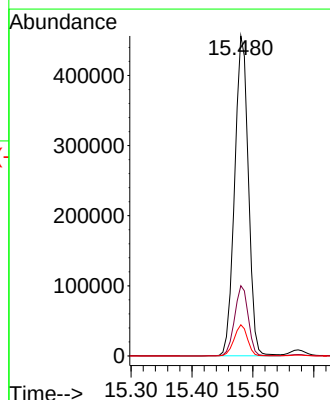
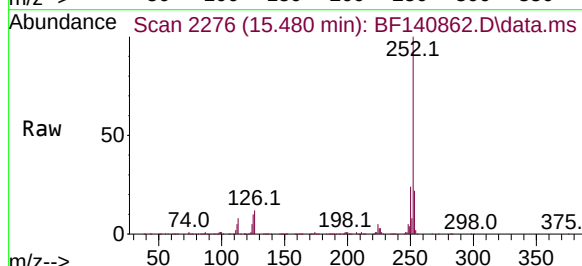
Tgt Ion:252 Resp: 714906

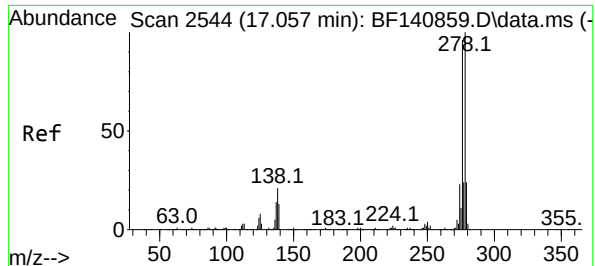
Ion Ratio Lower Upper

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

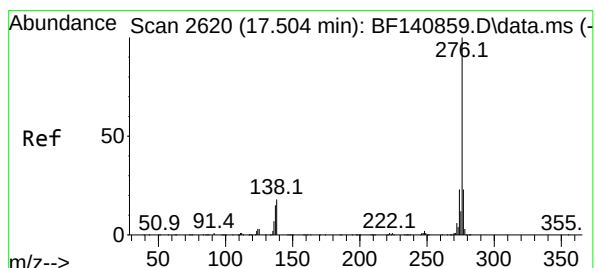
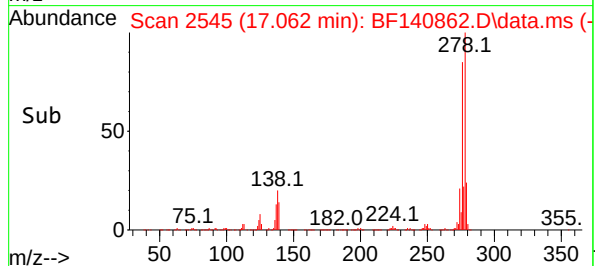
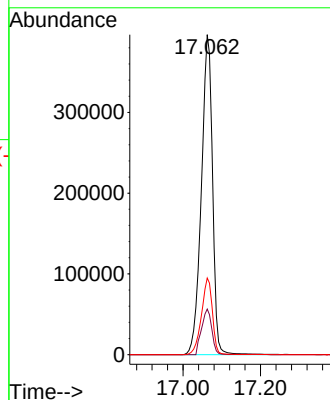
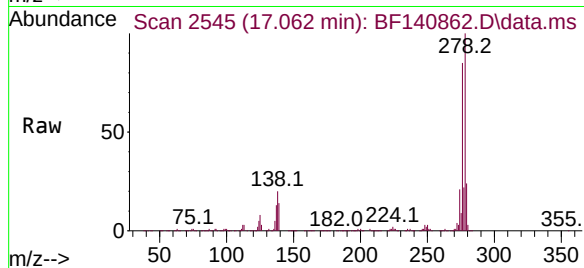
Tgt Ion:278 Resp: 792175

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

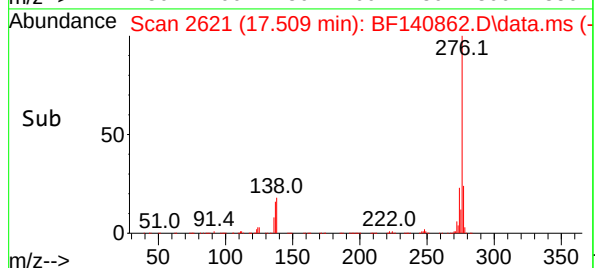
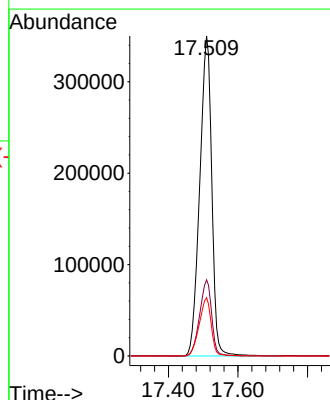
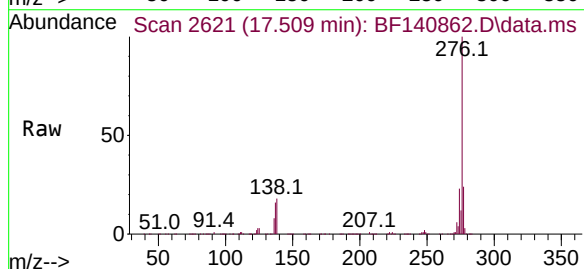
Tgt Ion:276 Resp: 840468

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

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

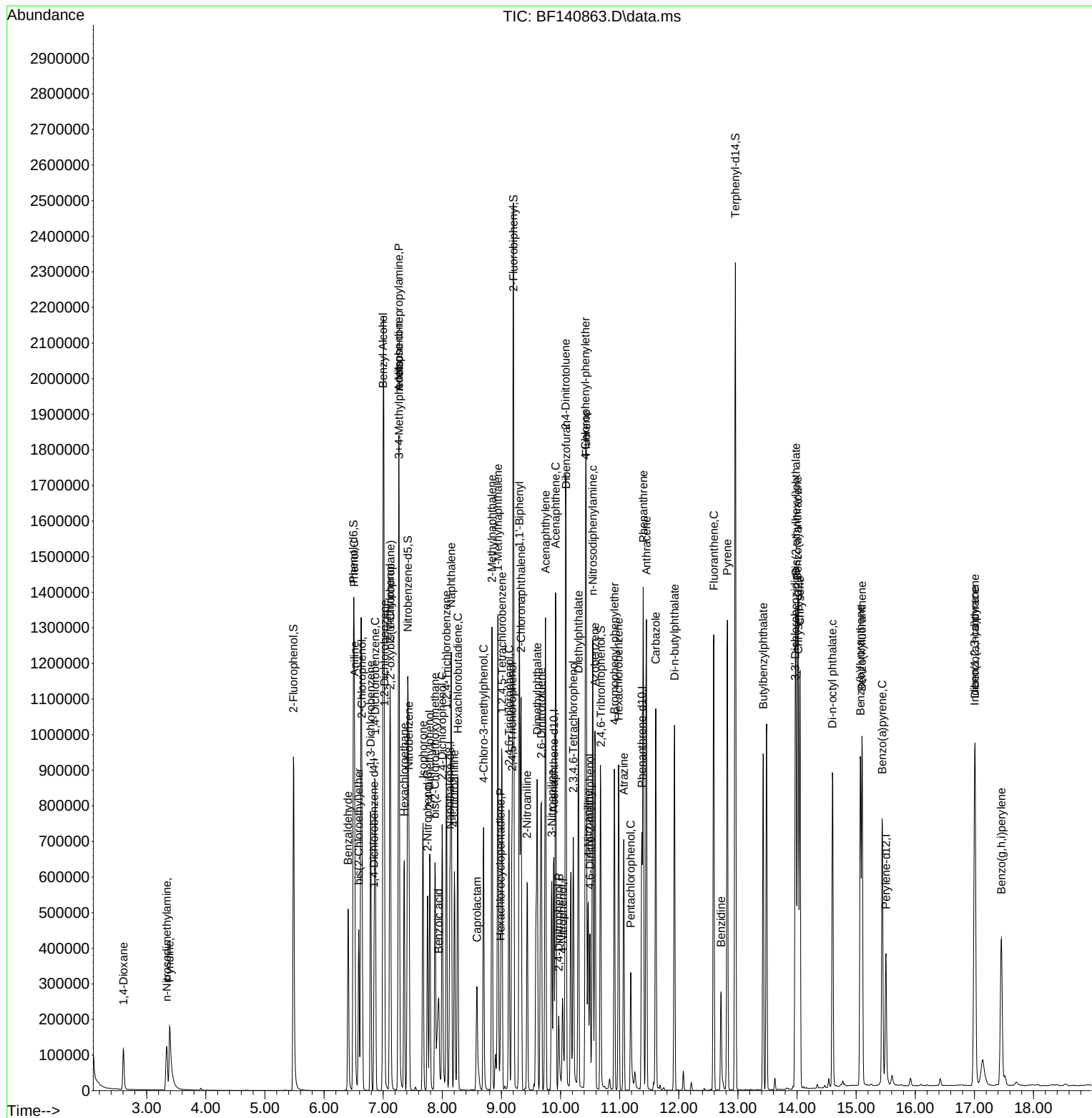
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	166716	39.895	ng	98
46) 1,1'-Biphenyl	9.304	154	617038	38.412	ng	99
47) 2-Chloronaphthalene	9.334	162	448814	36.522	ng	99
48) 2-Nitroaniline	9.434	65	140999	37.990	ng	99
49) Acenaphthylene	9.745	152	679962	37.651	ng	100
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

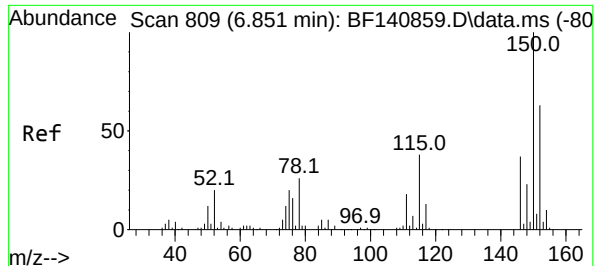
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF140863.D  
Acq On    : 16 Dec 2024   16:41  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
ICVBF121624

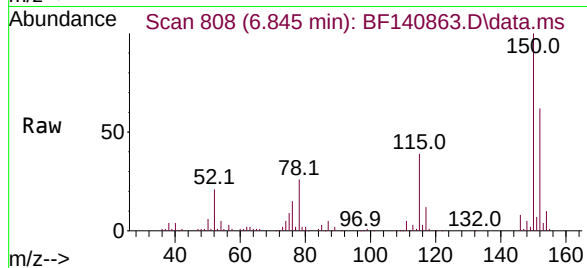
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration



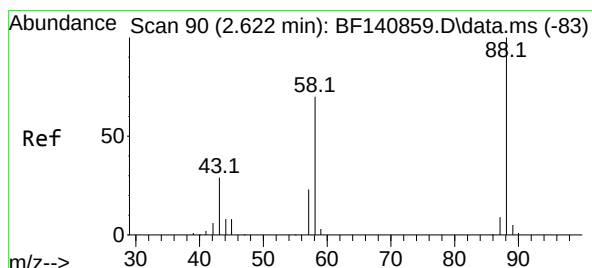
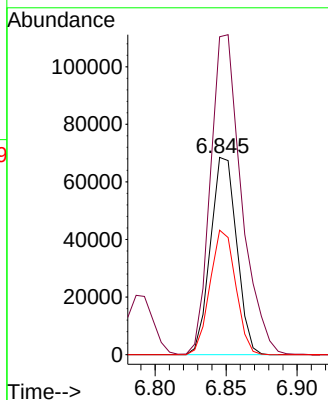
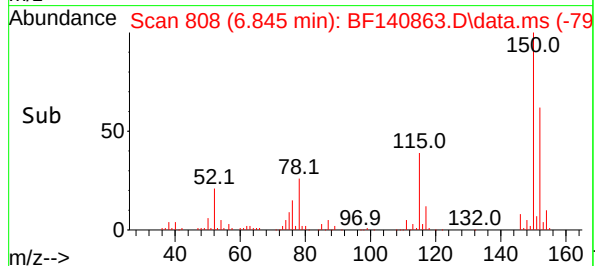


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

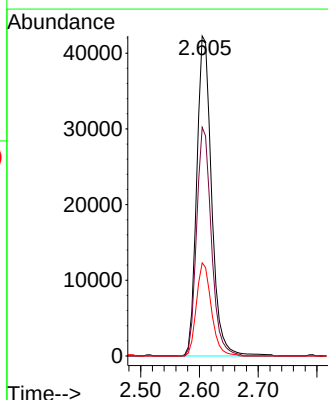
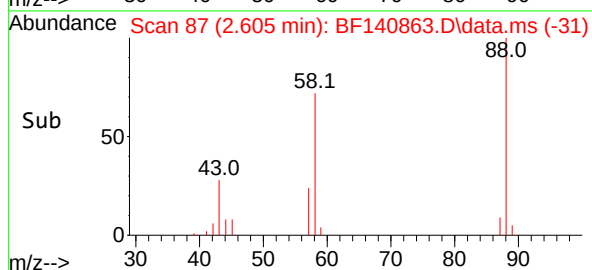
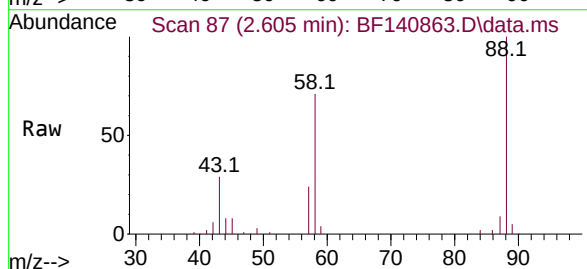


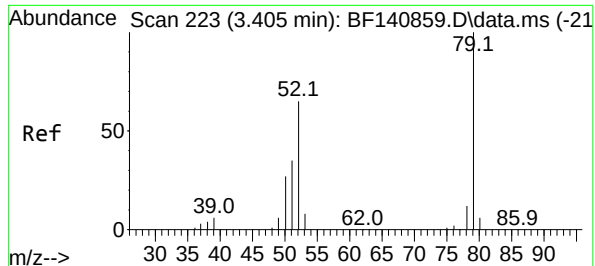
Tgt Ion:152 Resp: 88035
Ion Ratio Lower Upper
152 100
150 161.2 127.9 191.9
115 63.1 48.0 72.0



#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

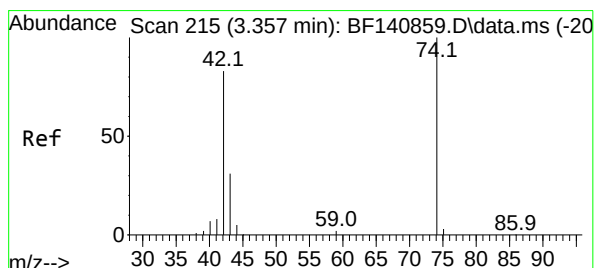
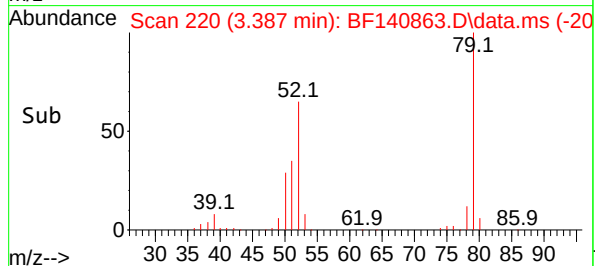
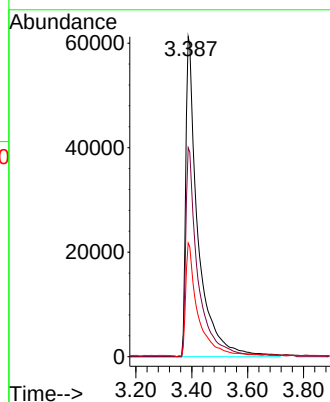
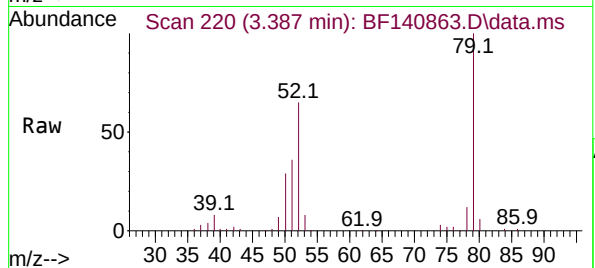




#3
Pyridine
Concen: 34.882 ng
RT: 3.387 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

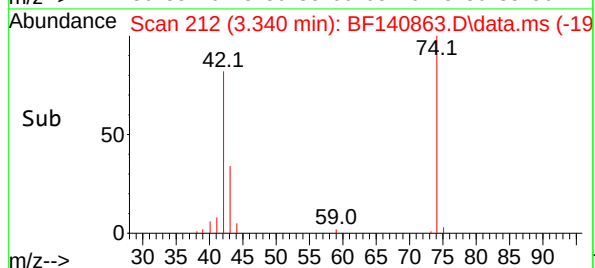
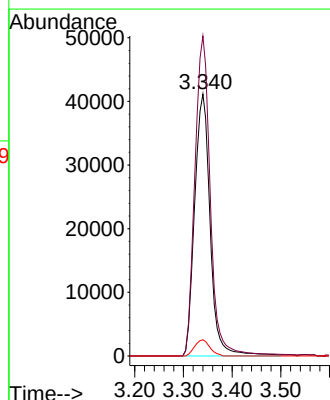
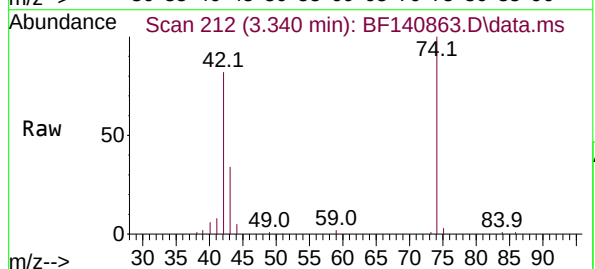
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

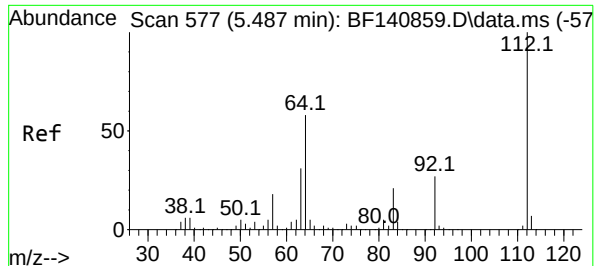
Tgt Ion: 79 Resp: 186082
Ion Ratio Lower Upper
79 100
52 65.3 51.7 77.5
51 35.5 28.2 42.4



#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

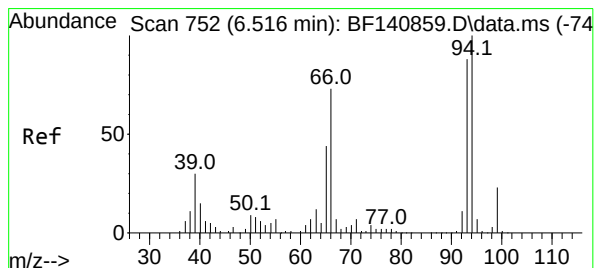
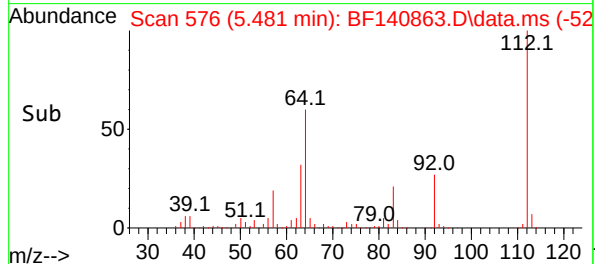
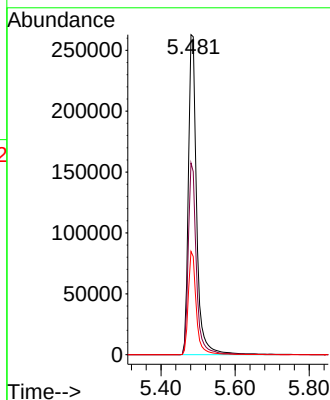
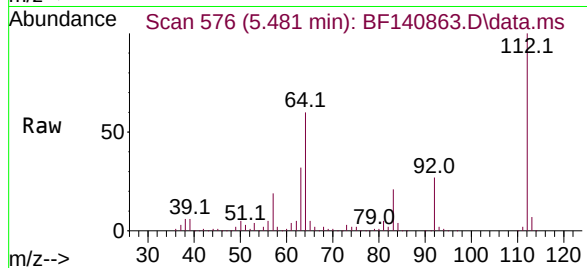




#5
2-Fluorophenol
Concen: 76.184 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

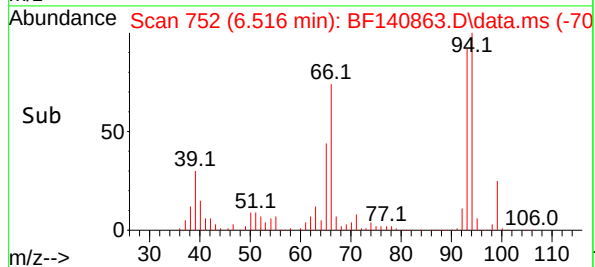
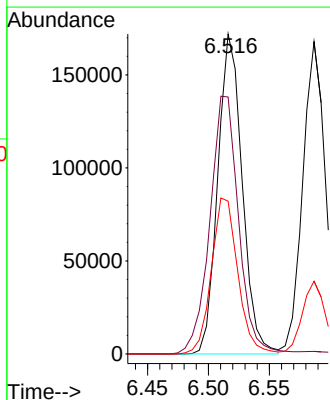
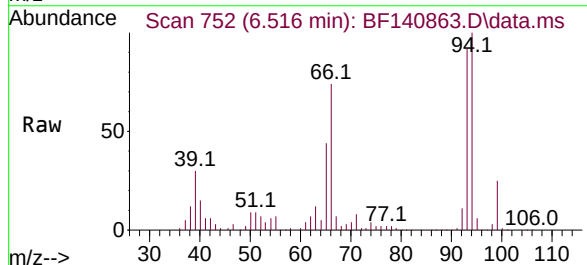
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

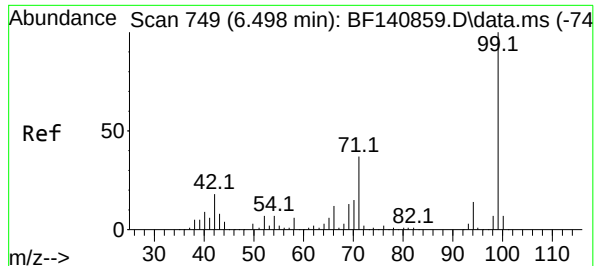
Tgt Ion:112 Resp: 407420
Ion Ratio Lower Upper
112 100
64 59.9 46.1 69.1
63 32.2 24.9 37.3



#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

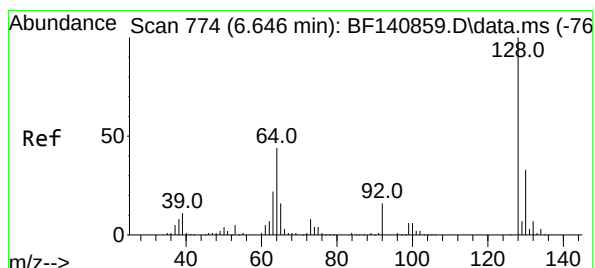
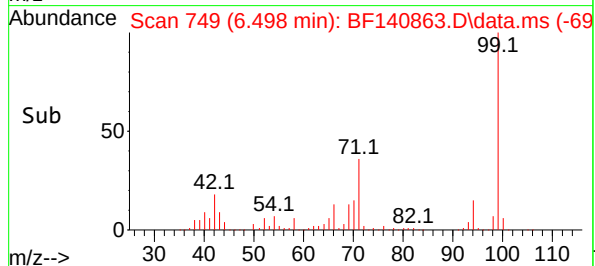
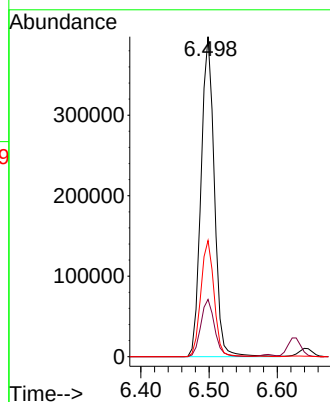
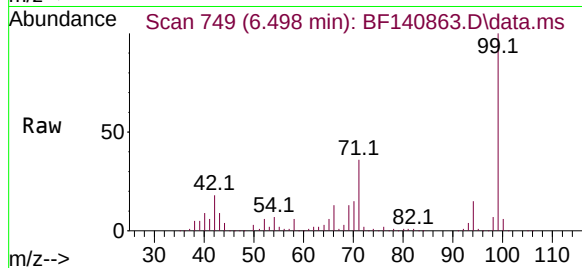
Tgt Ion: 99 Resp: 539951

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

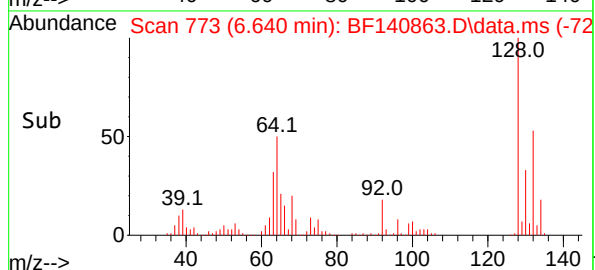
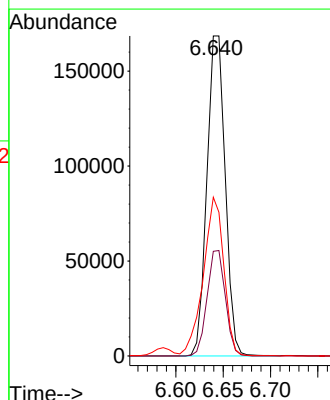
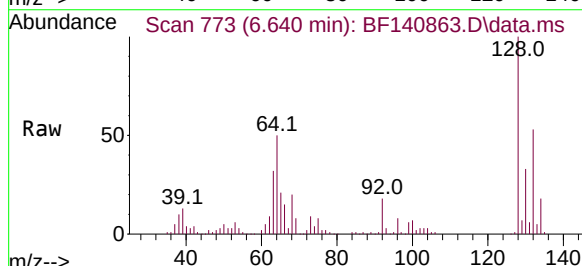
Tgt Ion:128 Resp: 226045

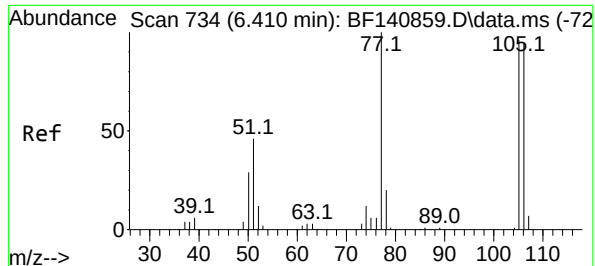
Ion Ratio Lower Upper

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

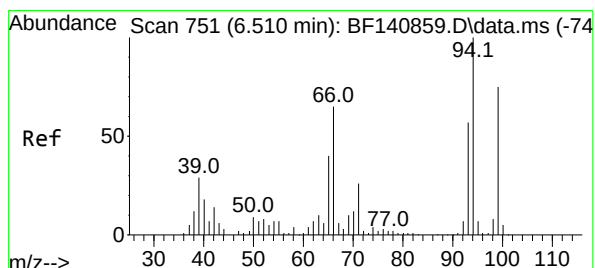
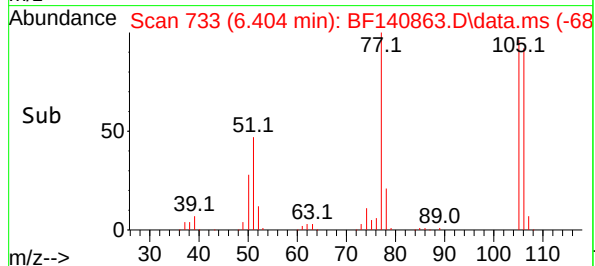
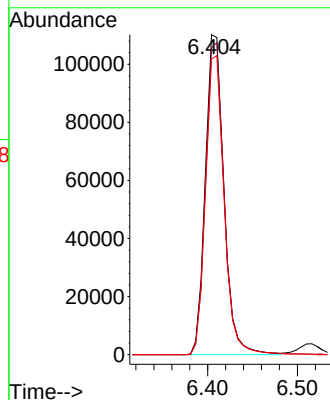
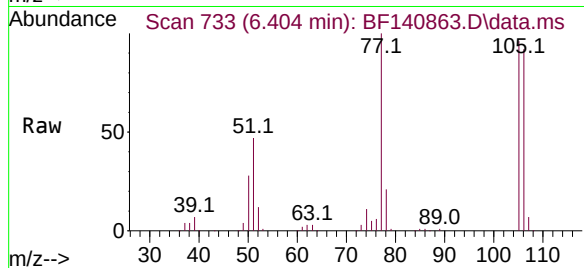
Tgt Ion: 77 Resp: 158915

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

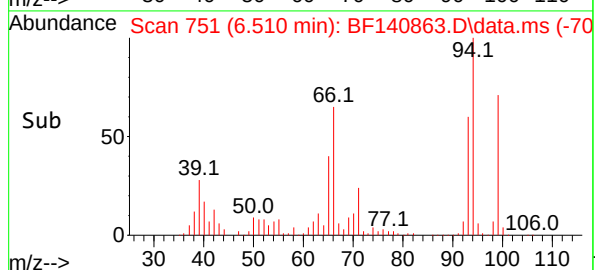
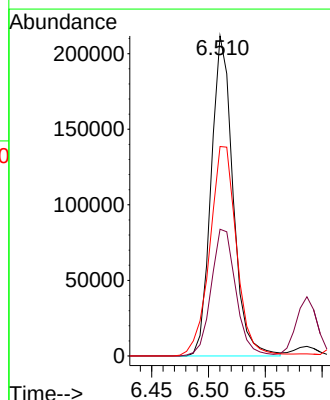
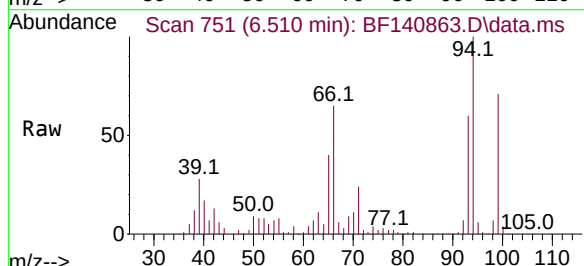
Tgt Ion: 94 Resp: 283984

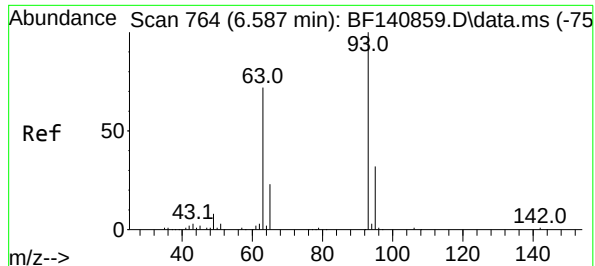
Ion Ratio Lower Upper

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 :

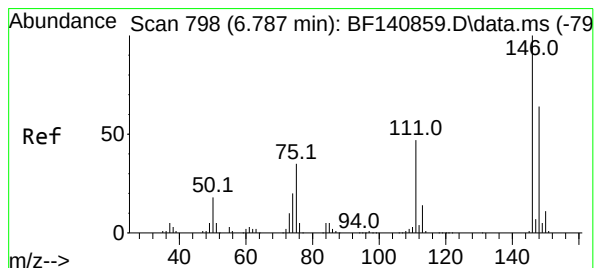
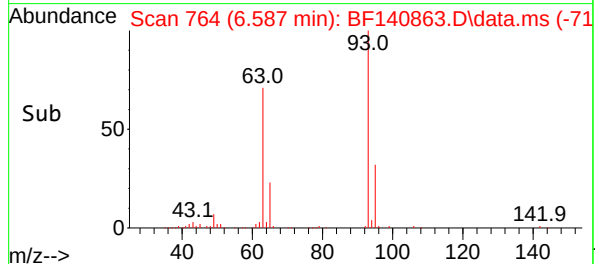
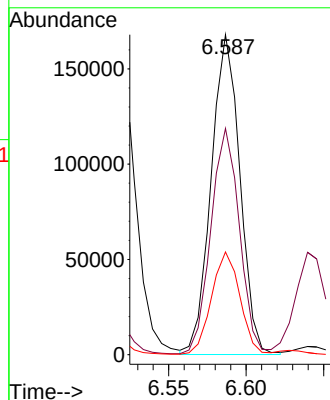
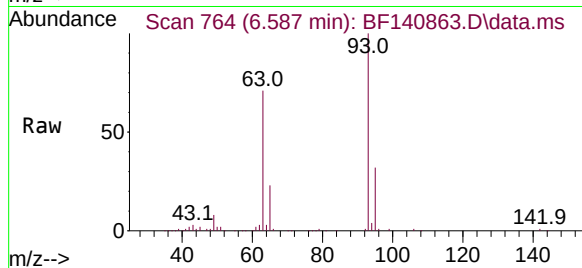
BNA_F

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

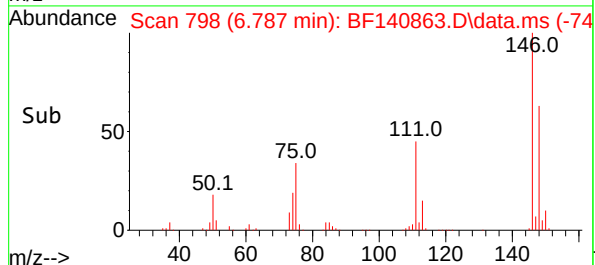
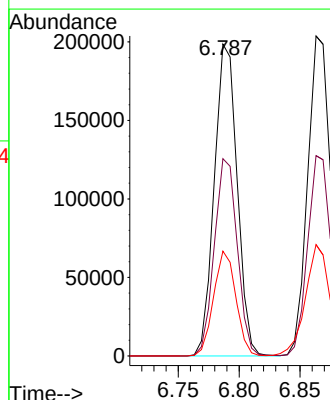
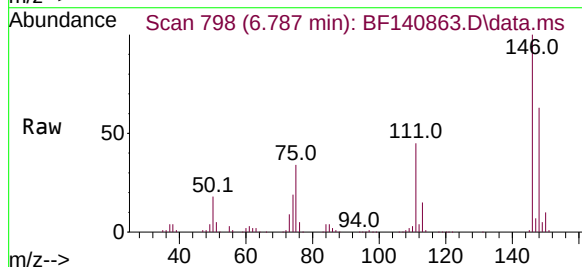
Delta R.T. -0.000 min

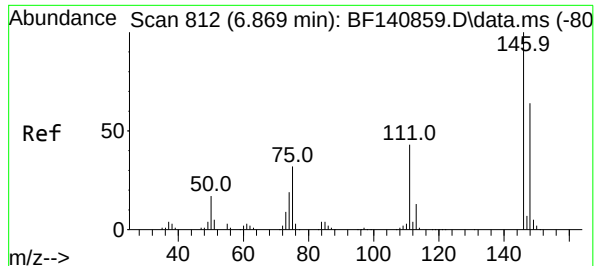
Lab File: BF140863.D

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# 812

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

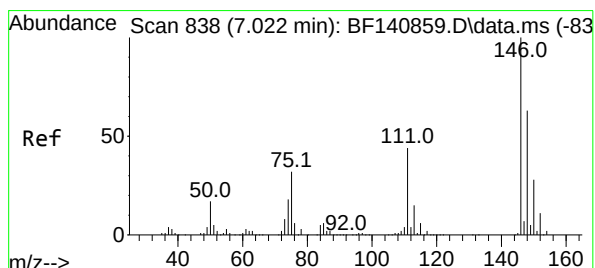
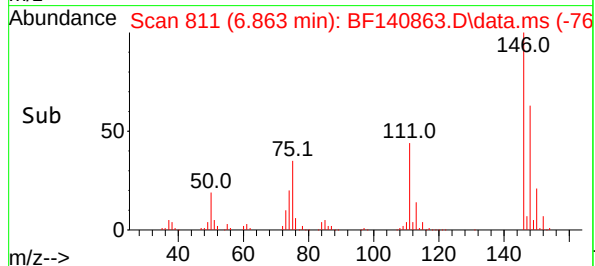
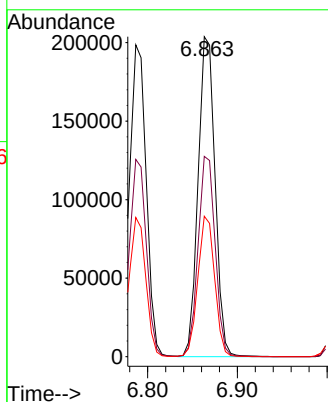
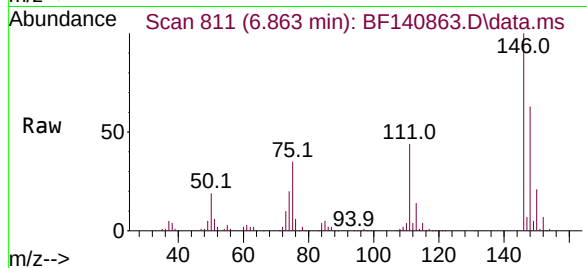
Tgt Ion:146 Resp: 268094

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

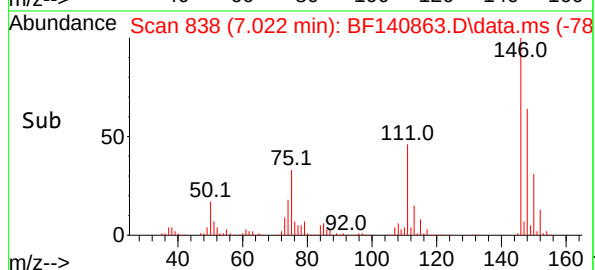
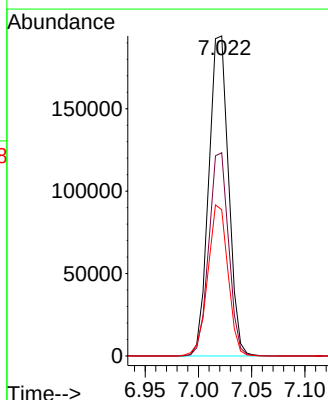
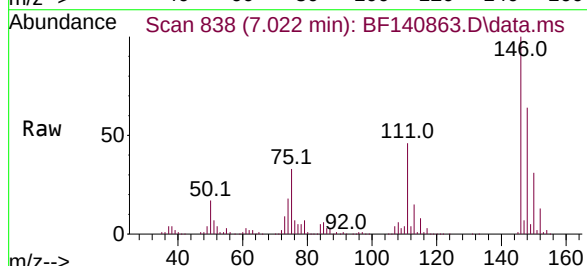
Tgt Ion:146 Resp: 251561

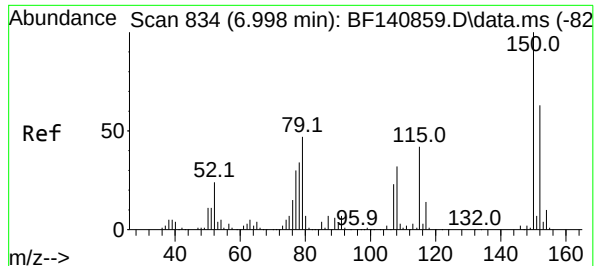
Ion Ratio Lower Upper

146 100

148 63.5 50.0 75.0

111 45.7 35.6 53.4

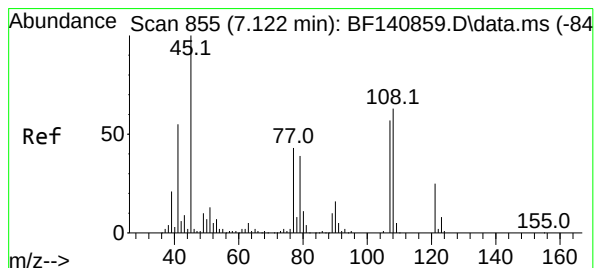
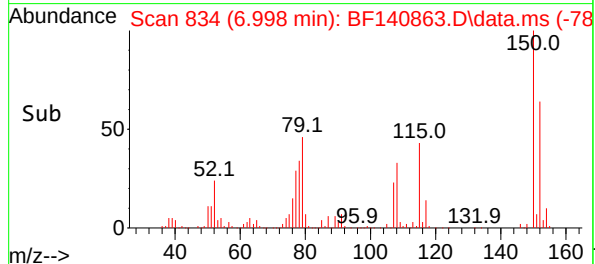
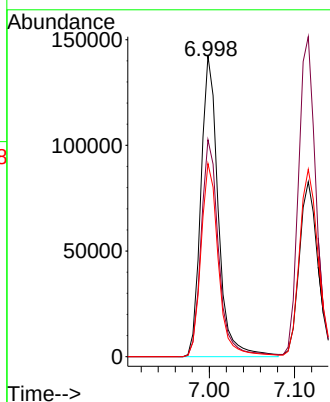
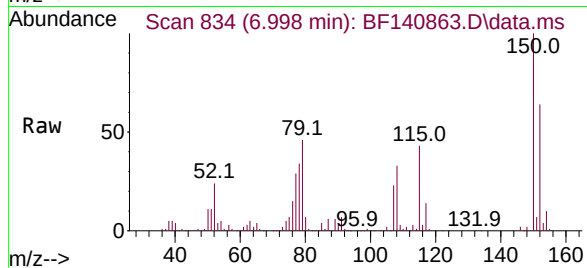




#15
Benzyl Alcohol
Concen: 39.782 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

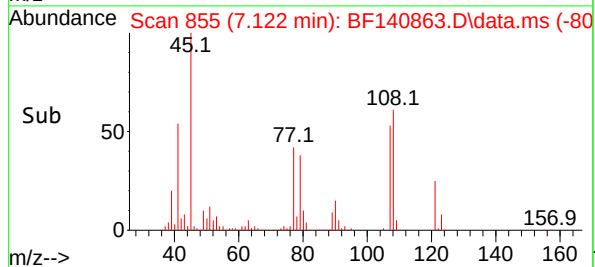
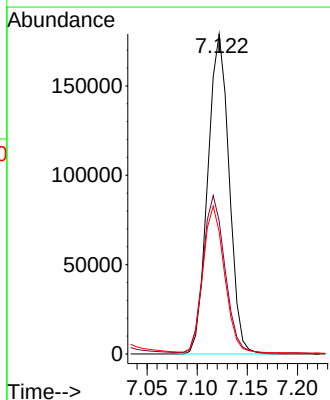
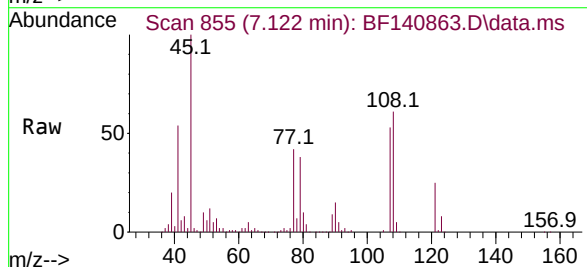
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

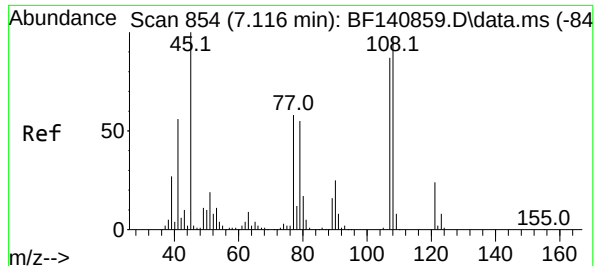
Tgt Ion: 79 Resp: 201477
Ion Ratio Lower Upper
79 100
108 72.1 55.1 82.7
77 64.2 50.6 76.0



#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

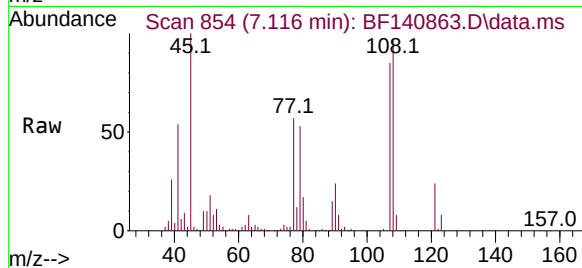
Tgt Ion: 45 Resp: 264233
Ion Ratio Lower Upper
45 100
77 41.6 23.3 63.3
79 38.2 20.0 60.0



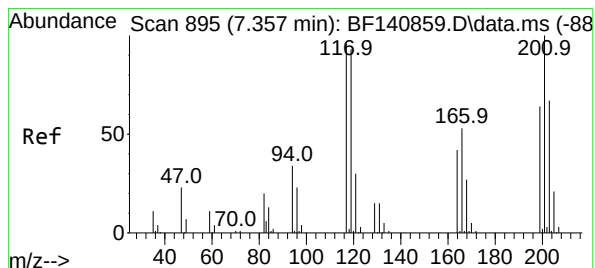
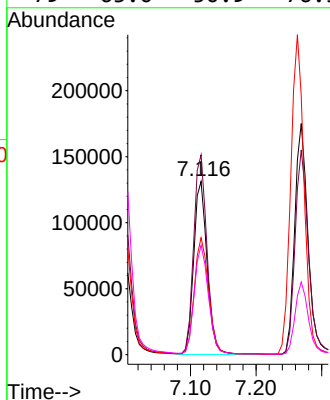
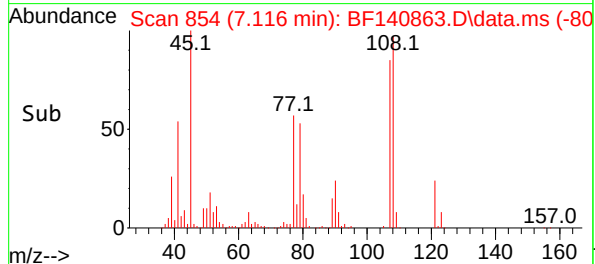


#17
2-Methylphenol
Concen: 40.189 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

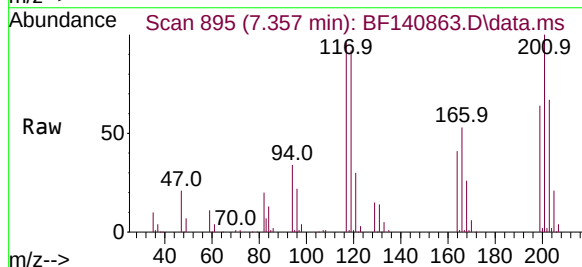
Instrument :
BNA_F
ClientSampleId :
ICVBF121624



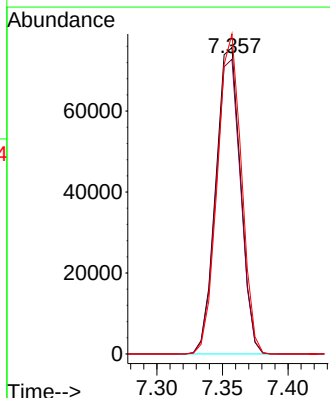
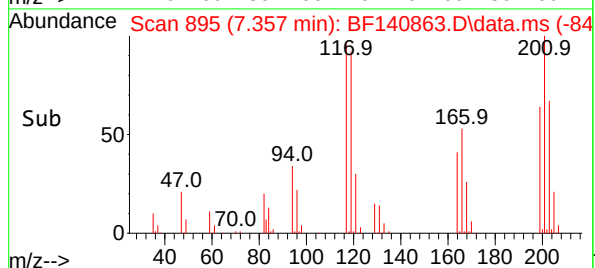
Tgt Ion:	107	Resp:	187119
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.2	135.4
77	67.5	53.8	80.6
79	63.0	50.9	76.3

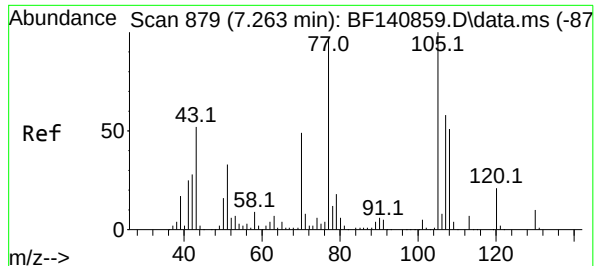


#18
Hexachloroethane
Concen: 39.568 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41



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

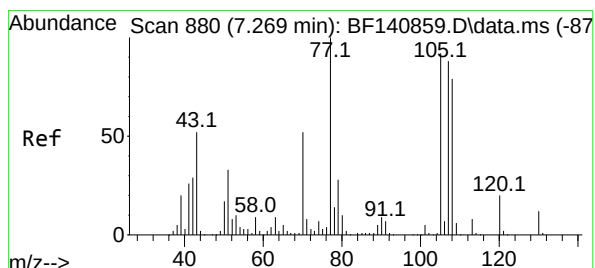
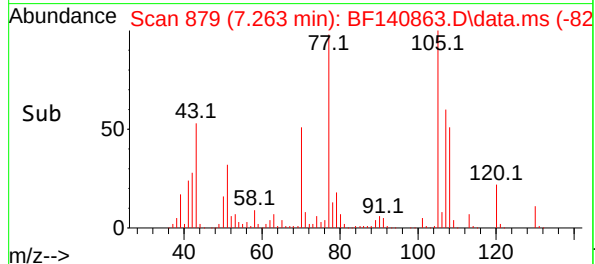
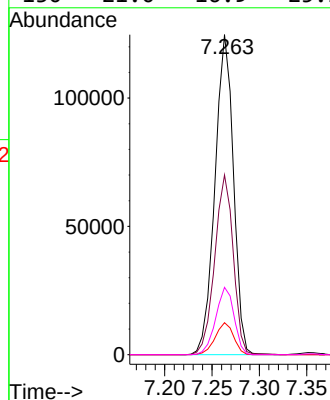
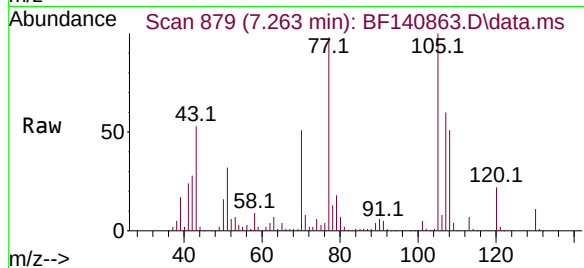
Ion Ratio Lower Upper

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

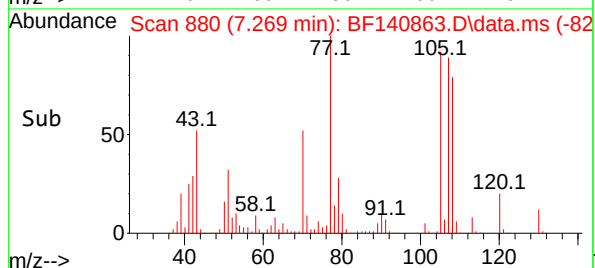
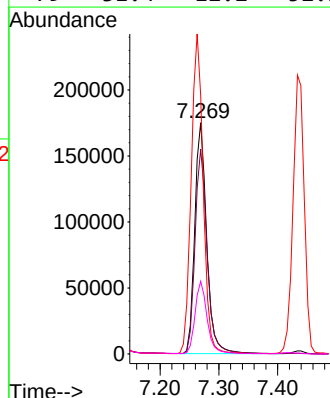
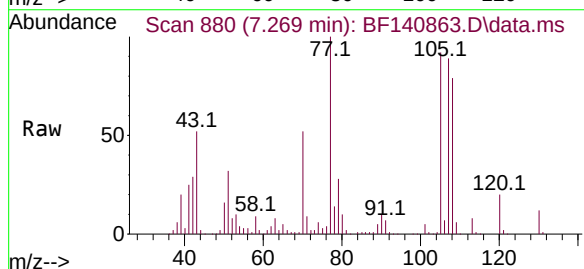
Ion Ratio Lower Upper

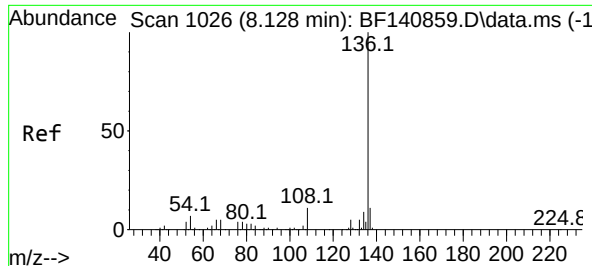
107 100

108 88.6 70.1 110.1

77 111.9 94.4 134.4

79 31.4 12.2 52.2

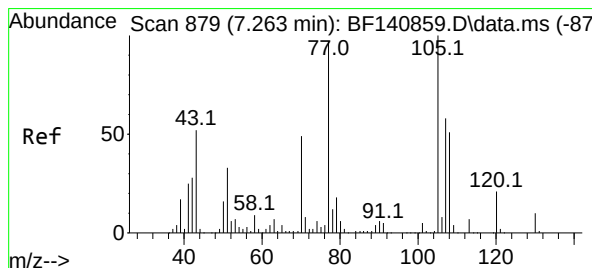
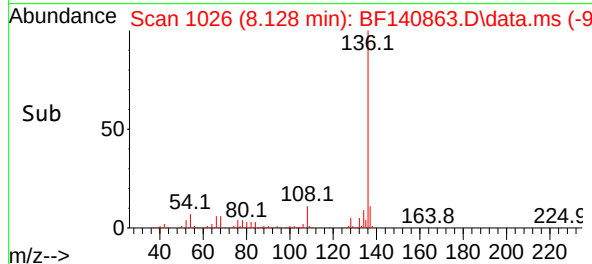
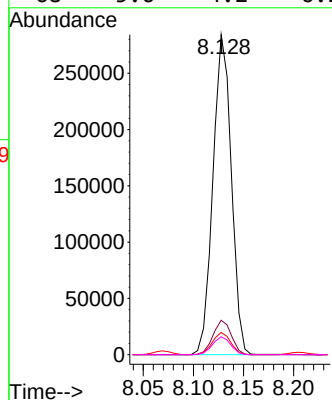
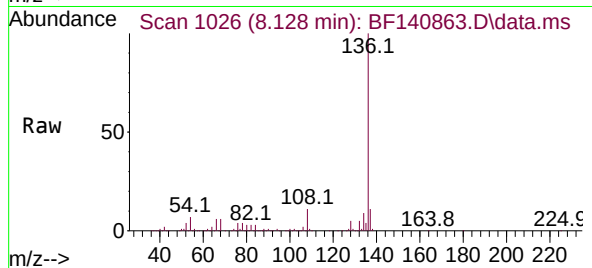




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

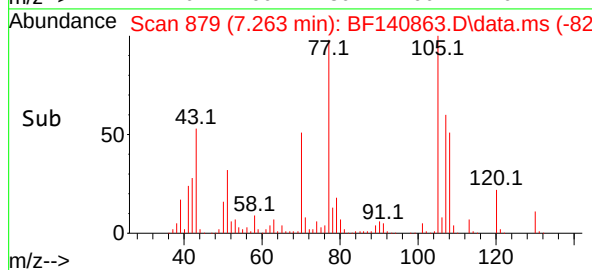
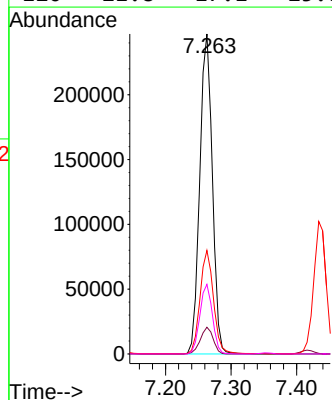
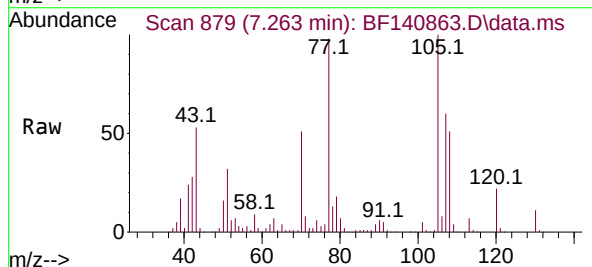
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

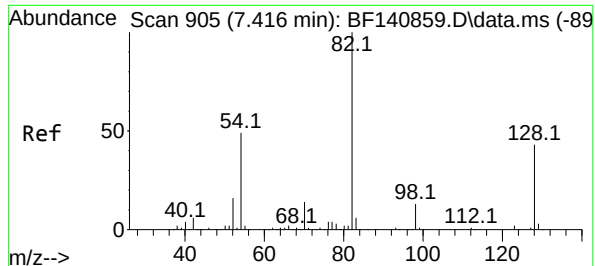
Tgt Ion:	136	Resp:	361248
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.0	5.6	8.4
68	5.6	4.2	6.2



#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

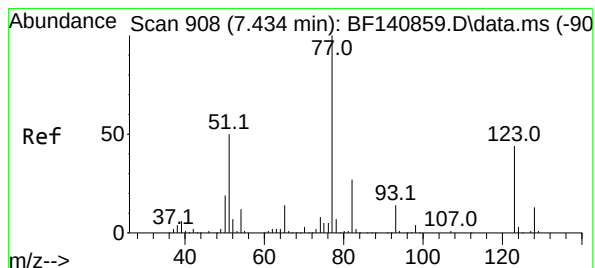
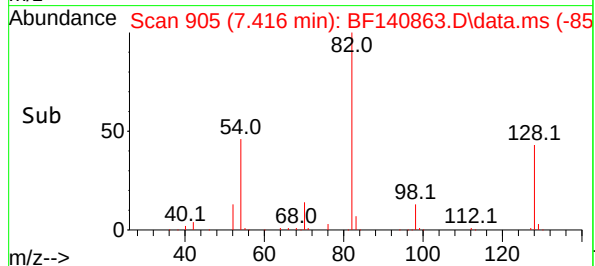
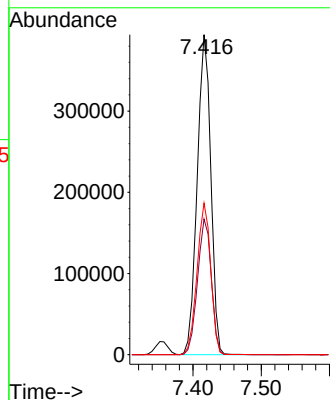
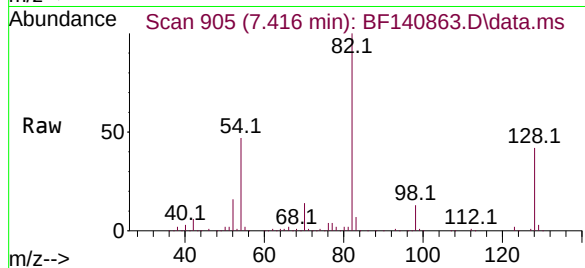
Tgt Ion: 82 Resp: 544482

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

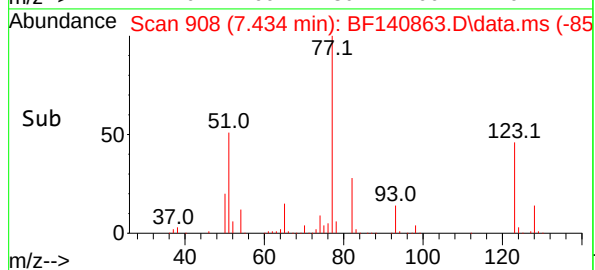
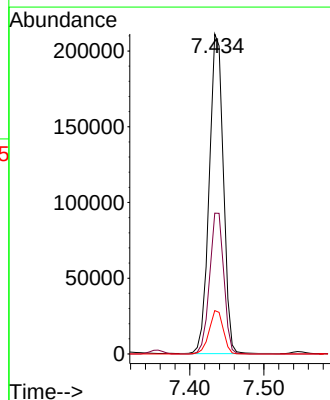
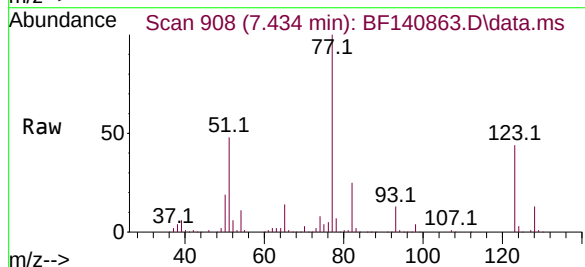
Tgt Ion: 77 Resp: 279878

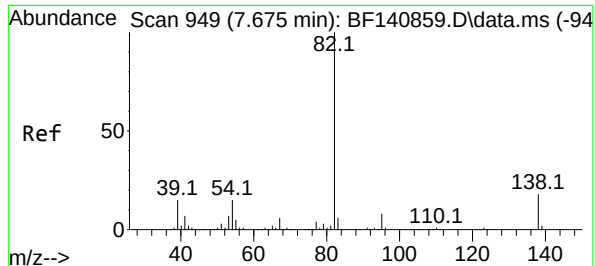
Ion Ratio Lower Upper

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

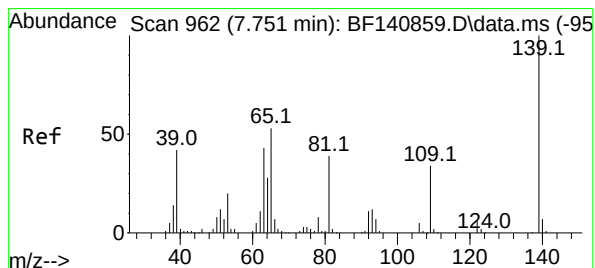
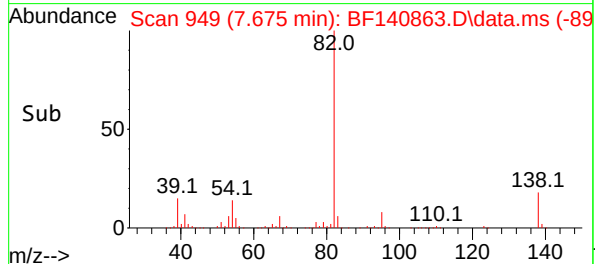
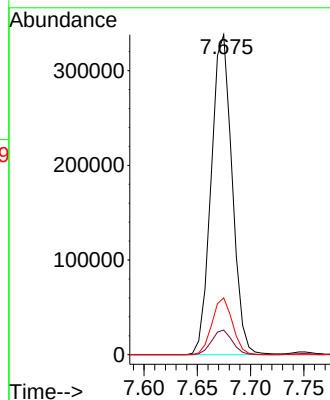
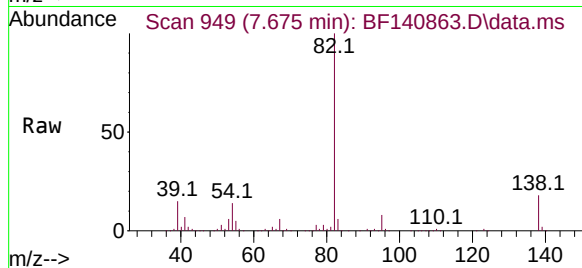
Tgt Ion: 82 Resp: 462528

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

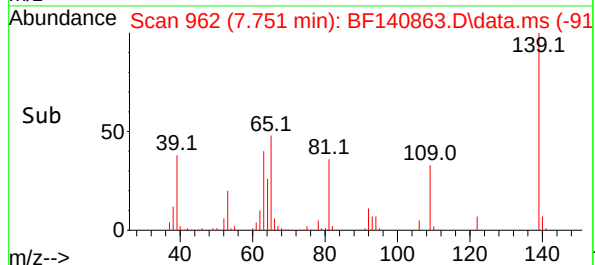
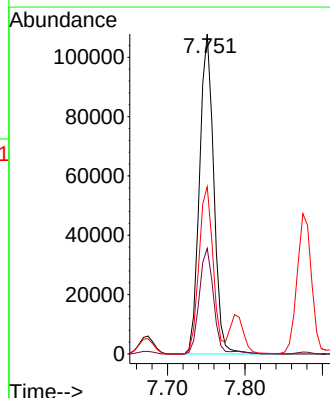
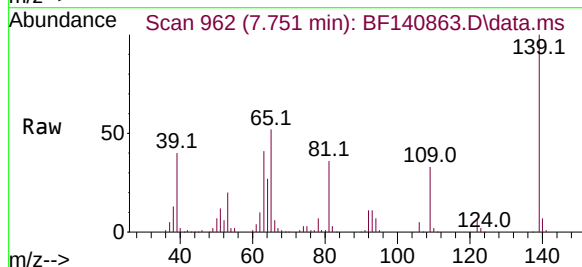
Tgt Ion:139 Resp: 137663

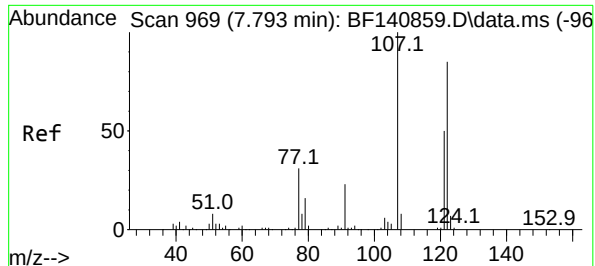
Ion Ratio Lower Upper

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

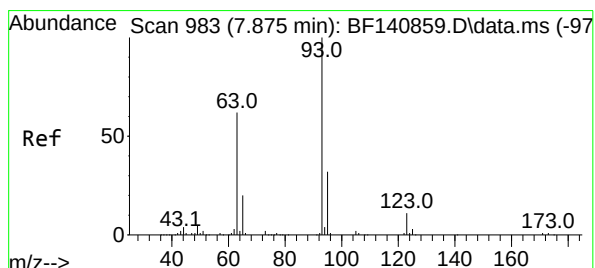
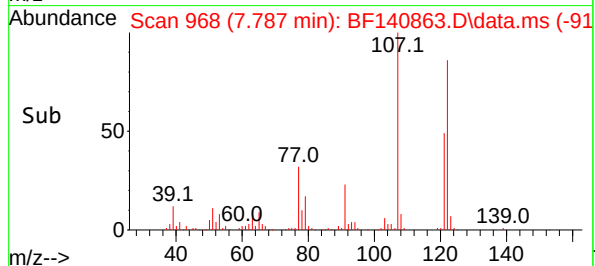
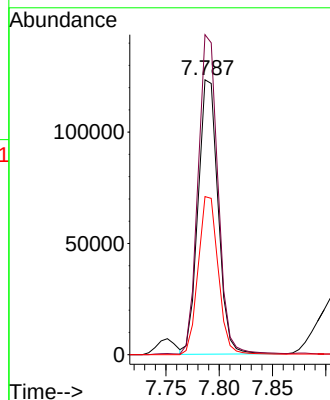
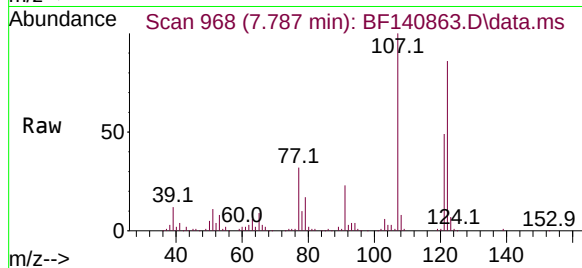
Tgt Ion:122 Resp: 161001

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

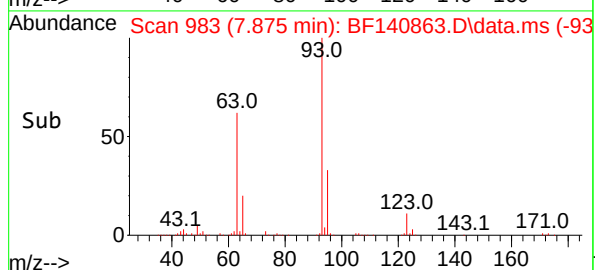
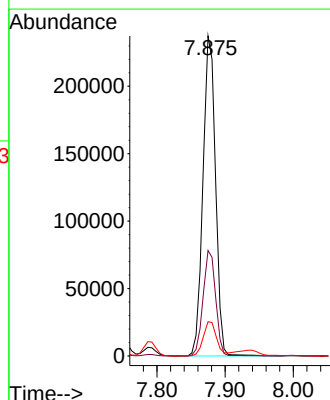
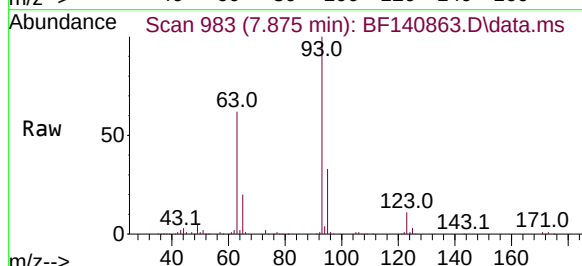
Tgt Ion: 93 Resp: 304778

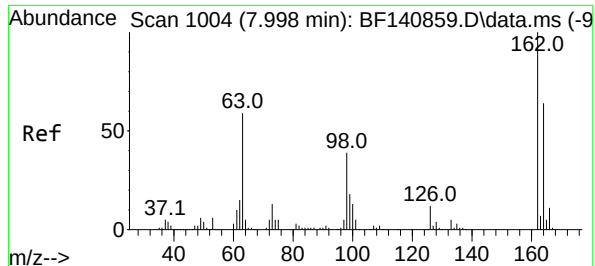
Ion Ratio Lower Upper

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

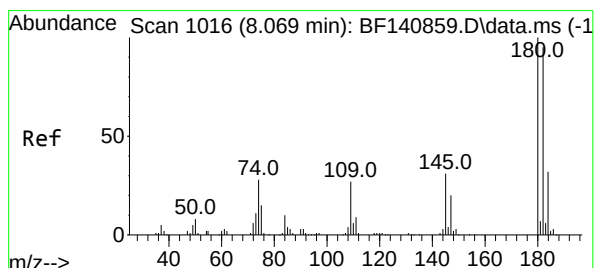
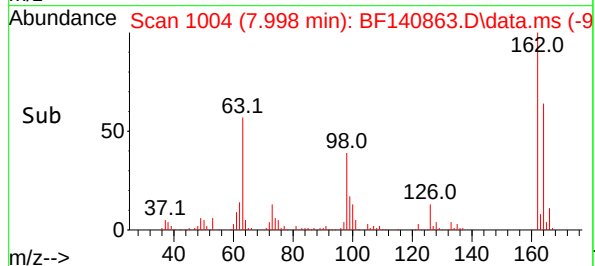
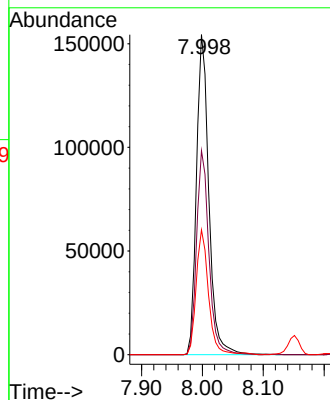
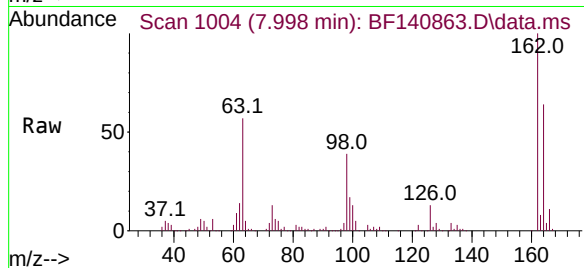
Tgt Ion:162 Resp: 217841

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

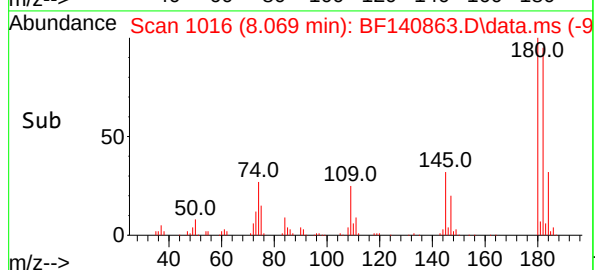
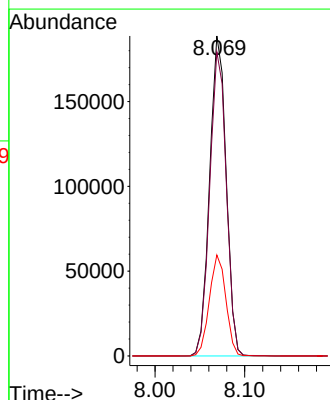
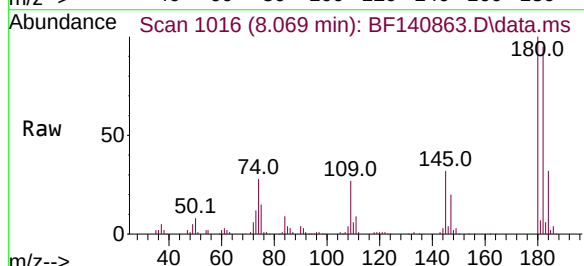
Tgt Ion:180 Resp: 241375

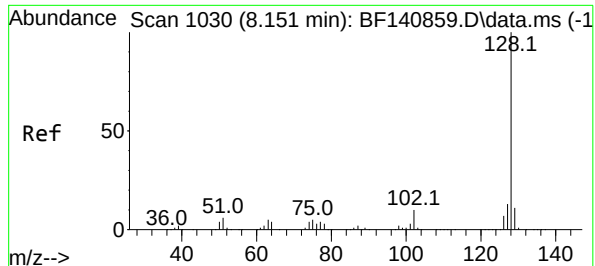
Ion Ratio Lower Upper

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

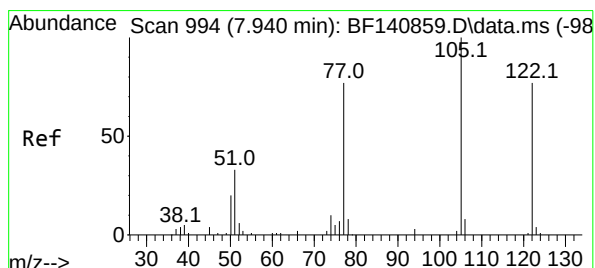
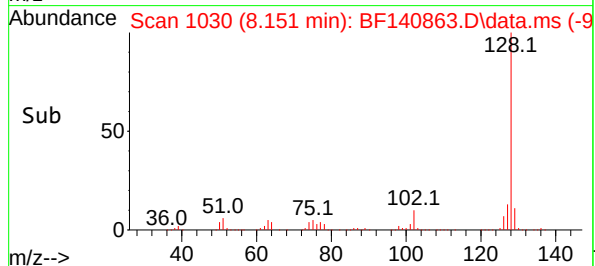
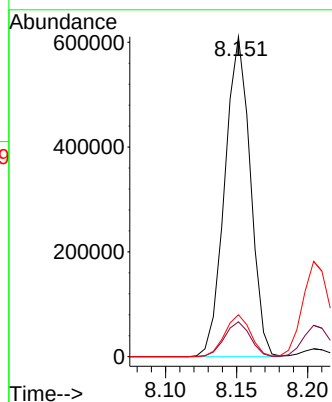
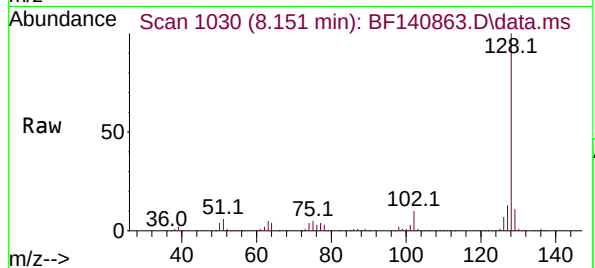
Tgt Ion:128 Resp: 763453

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

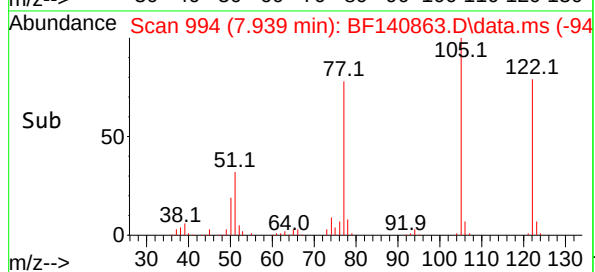
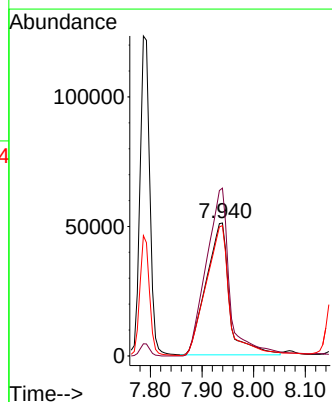
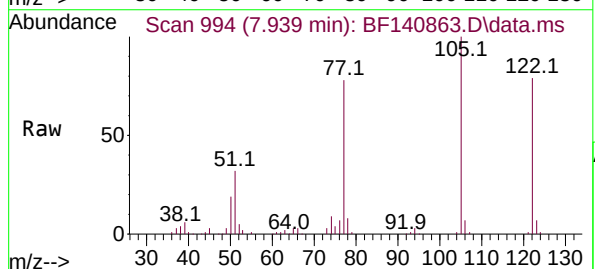
Tgt Ion:122 Resp: 159806

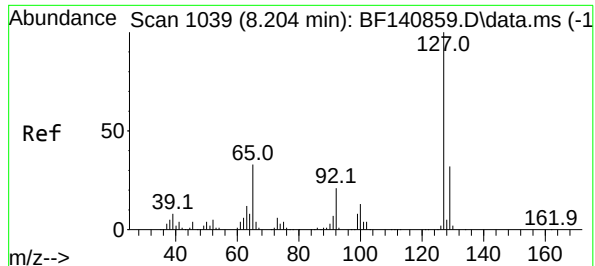
Ion Ratio Lower Upper

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

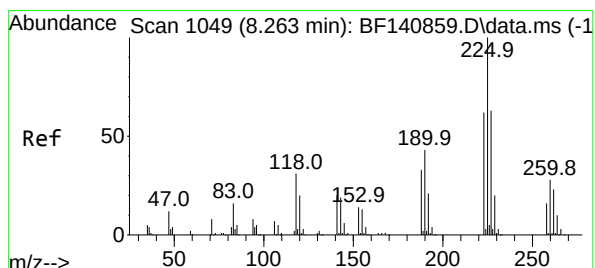
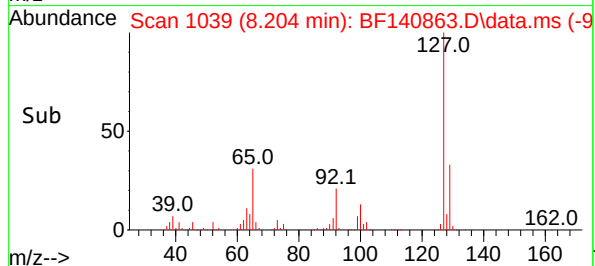
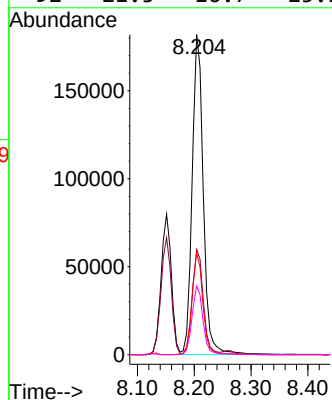
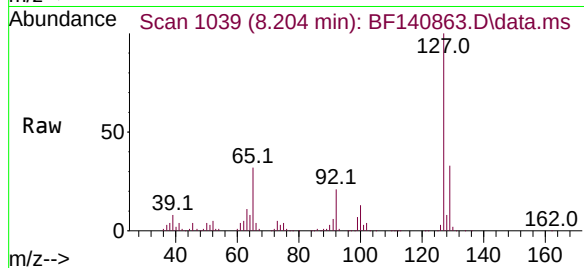
Ion Ratio Lower Upper

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

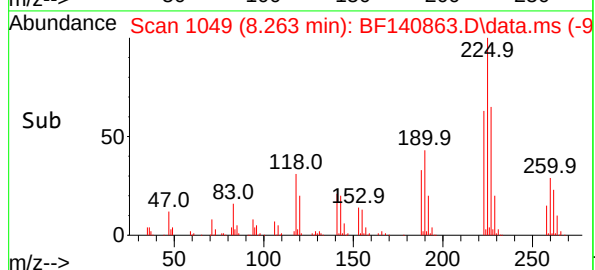
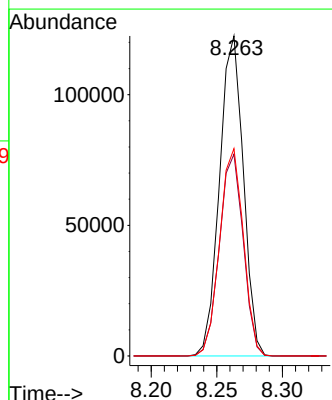
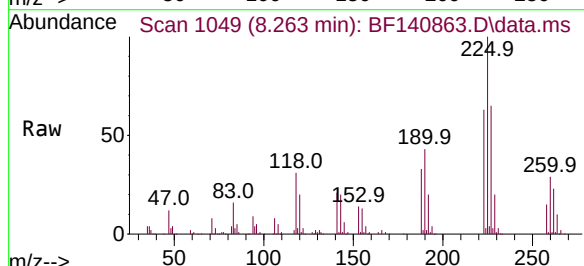
Tgt Ion:225 Resp: 154475

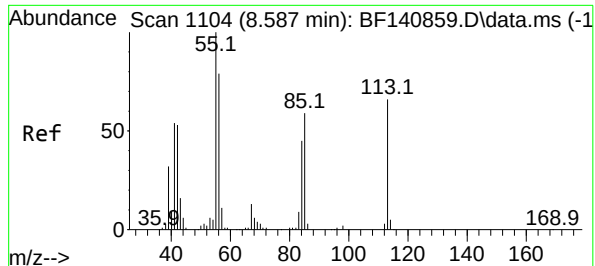
Ion Ratio Lower Upper

225 100

223 63.0 49.6 74.4

227 64.8 50.7 76.1

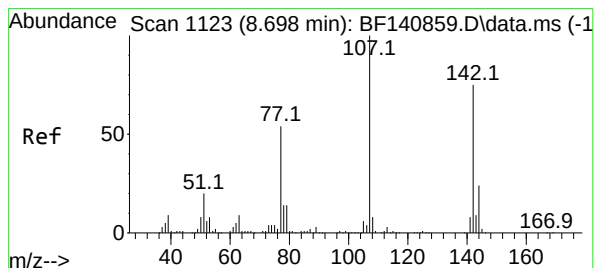
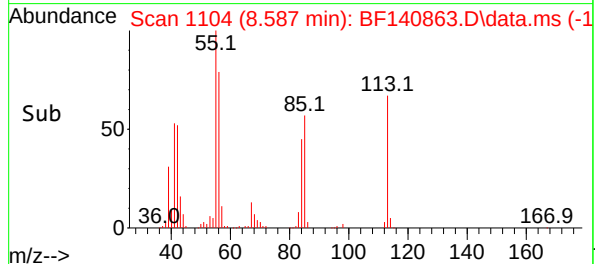
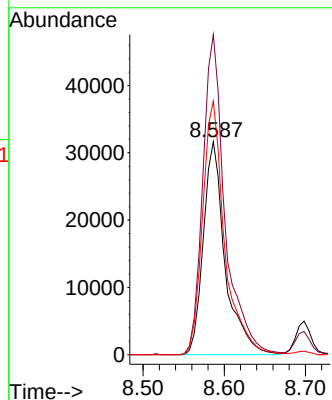
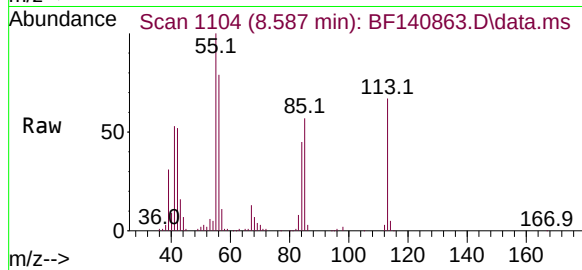




#35
Caprolactam
Concen: 36.113 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

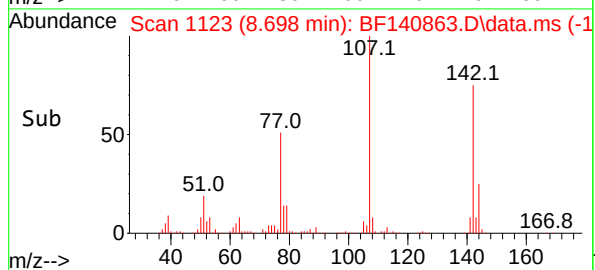
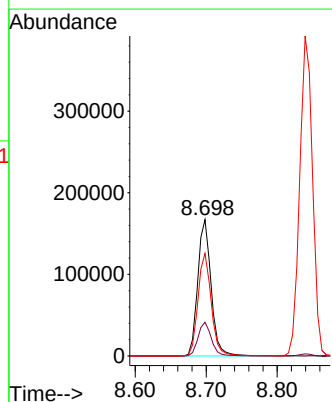
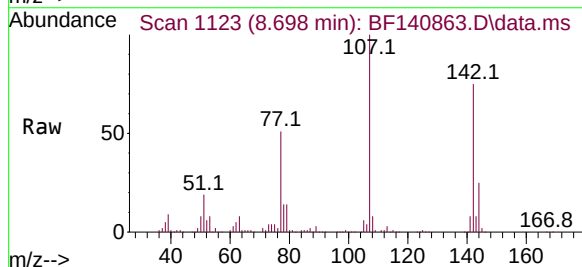
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

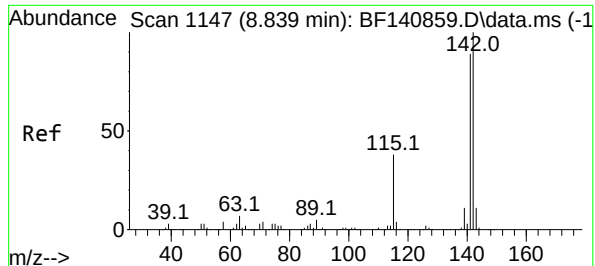
Tgt Ion:113 Resp: 59056
Ion Ratio Lower Upper
113 100
55 150.3 132.3 172.3
56 119.1 100.3 140.3



#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

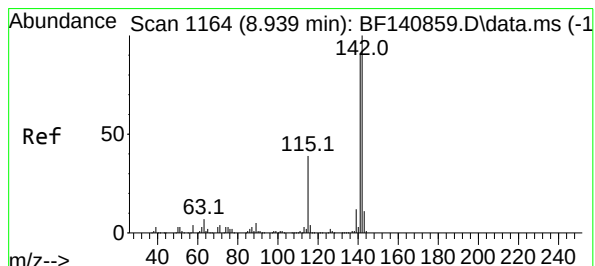
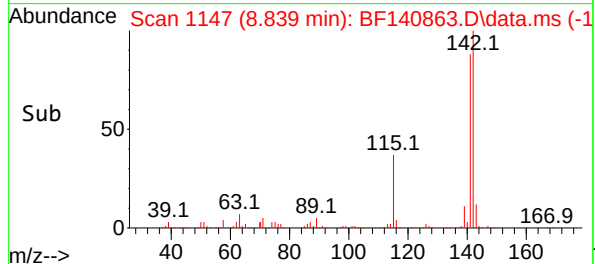
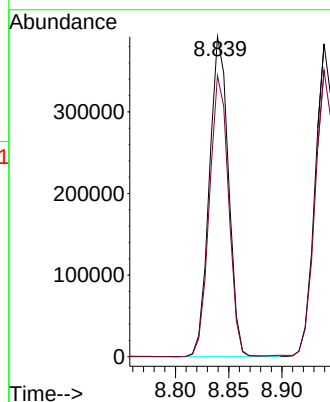
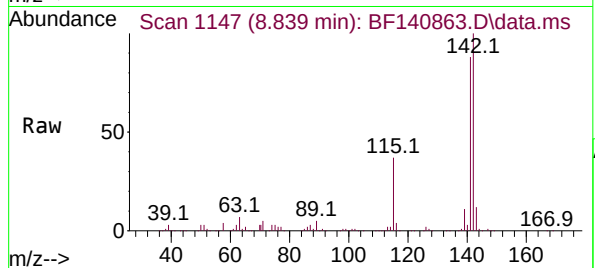




#37
2-Methylnaphthalene
Concen: 37.337 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

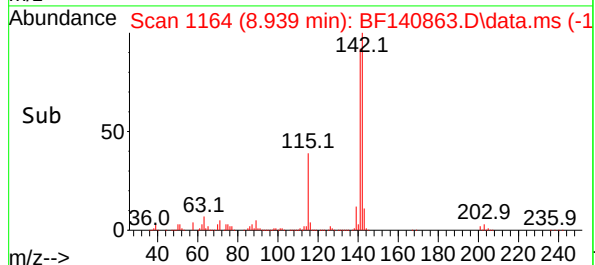
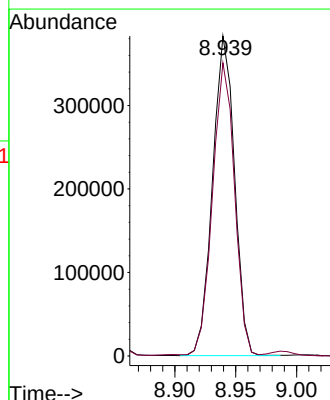
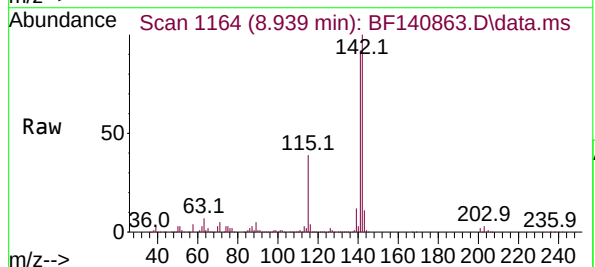
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

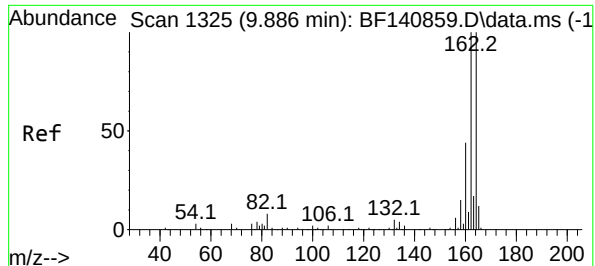
Tgt Ion:142 Resp: 490114
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6



#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

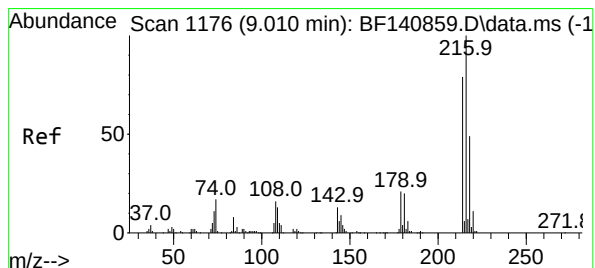
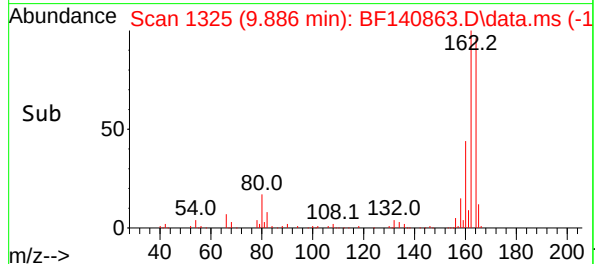
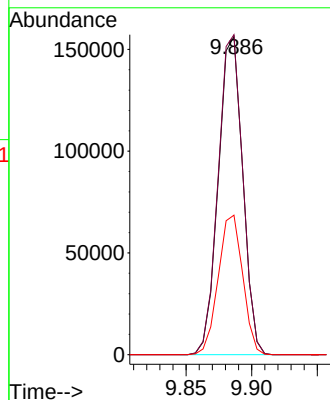
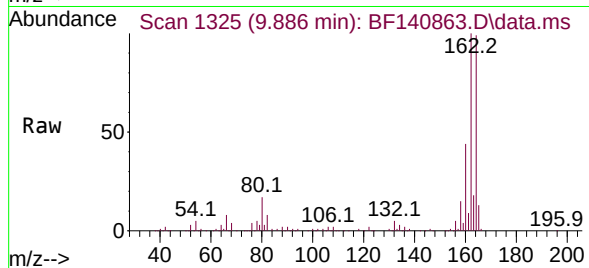
Tgt Ion:164 Resp: 202013

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

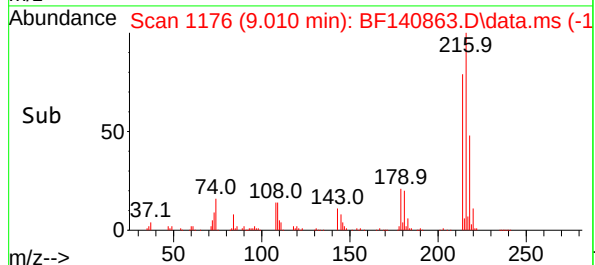
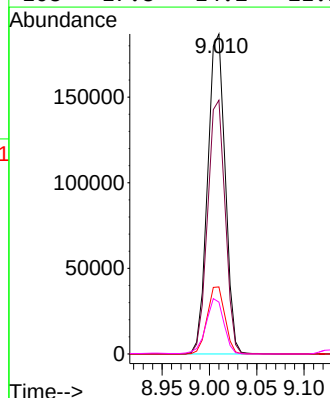
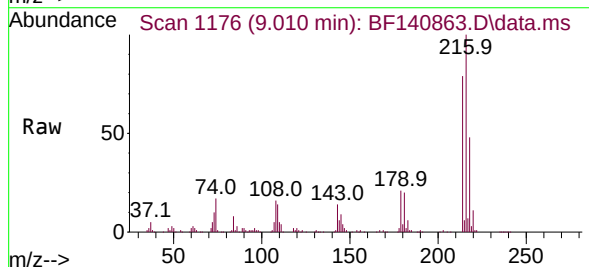
Ion Ratio Lower Upper

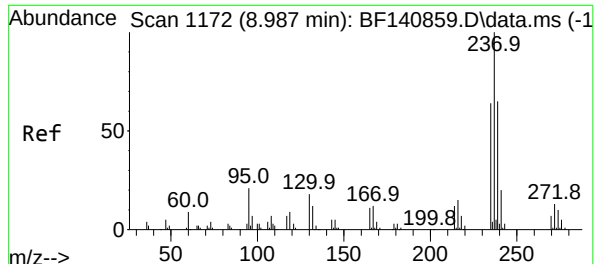
216 100

214 79.3 63.6 95.4

179 21.1 17.0 25.4

108 17.8 14.2 21.2

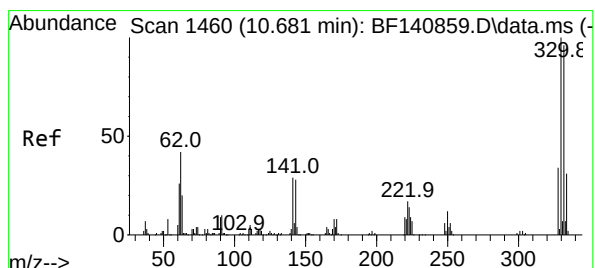
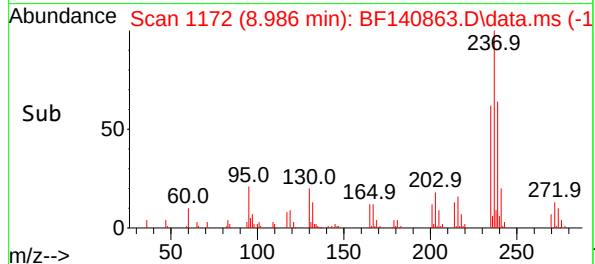
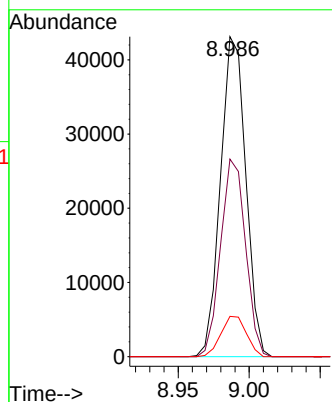
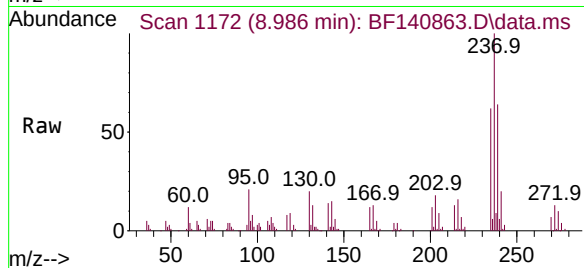




#41
Hexachlorocyclopentadiene
Concen: 37.672 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

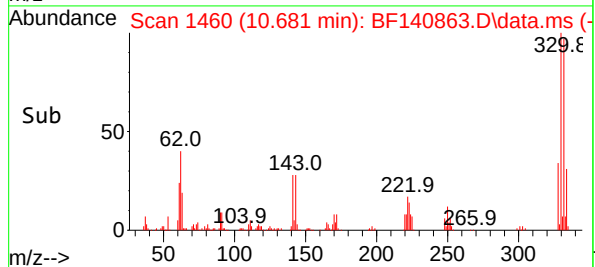
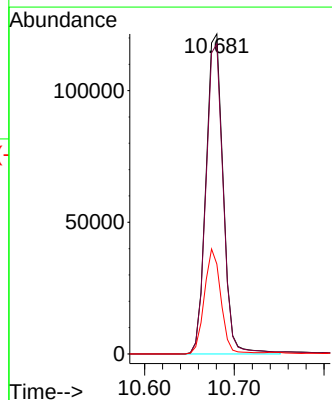
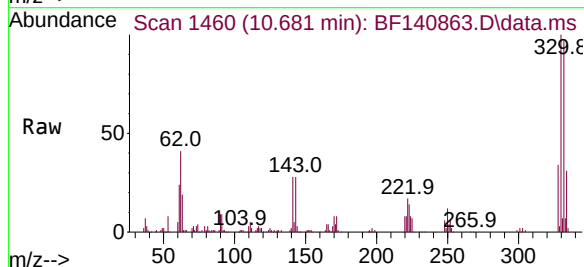
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

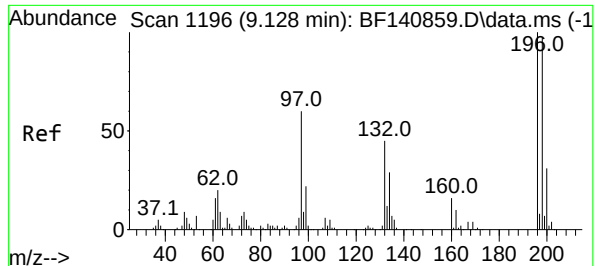
Tgt Ion:237 Resp: 53352
Ion Ratio Lower Upper
237 100
235 61.7 43.7 83.7
272 12.6 0.0 32.9



#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:330 Resp: 161969
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

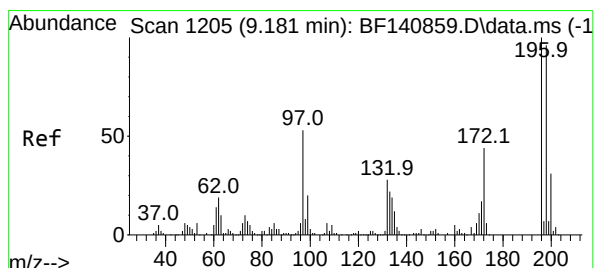
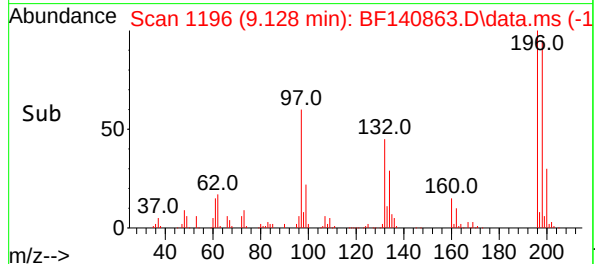
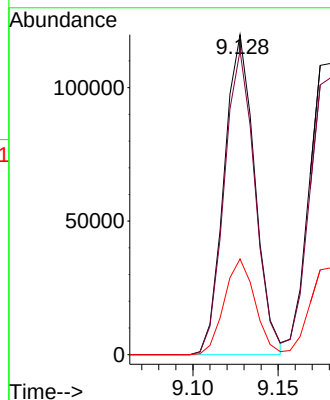
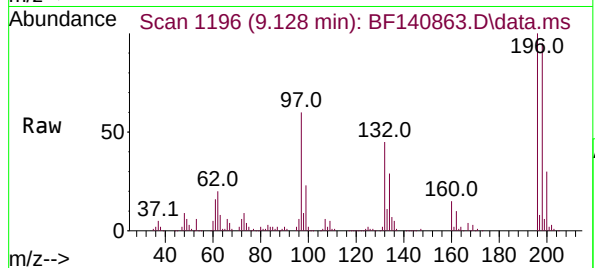
Tgt Ion:196 Resp: 149871

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

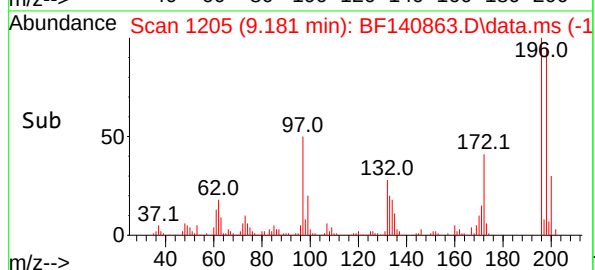
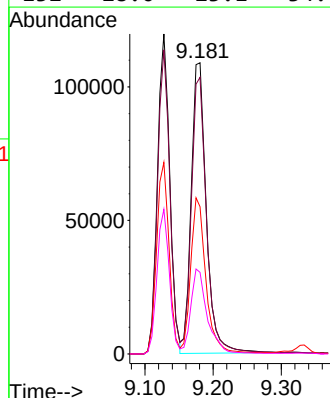
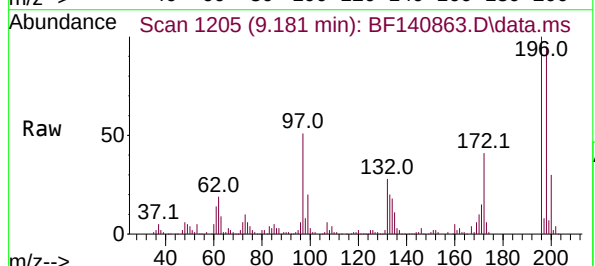
Ion Ratio Lower Upper

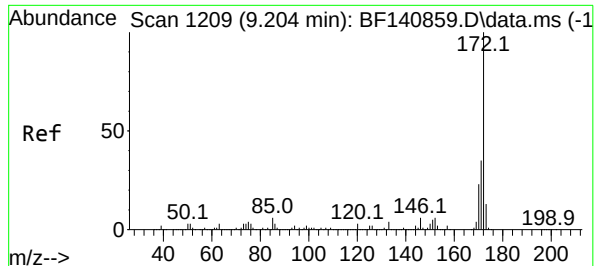
196 100

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

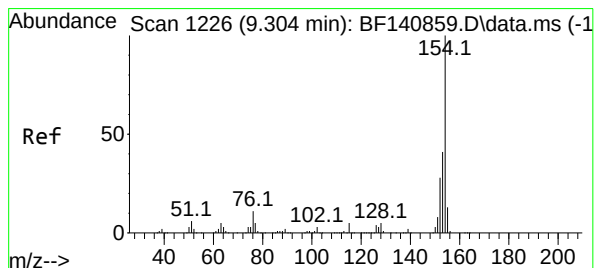
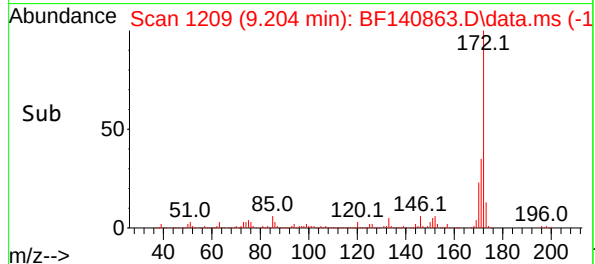
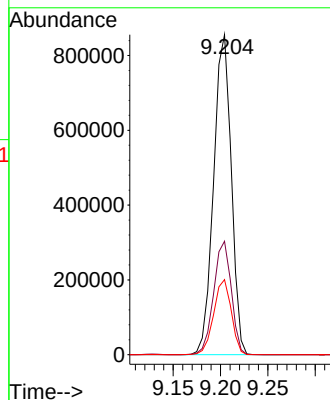
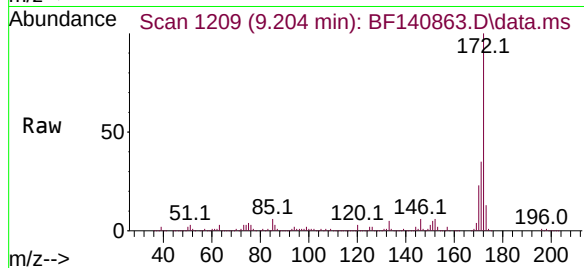
Tgt Ion:172 Resp: 1108356

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

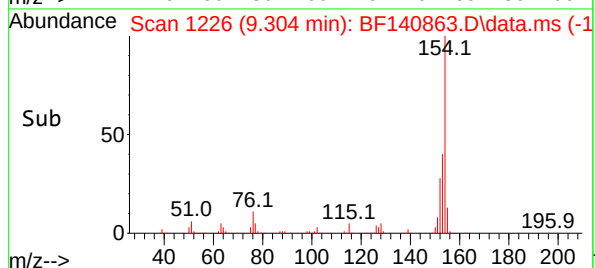
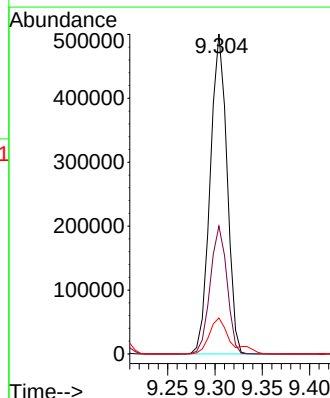
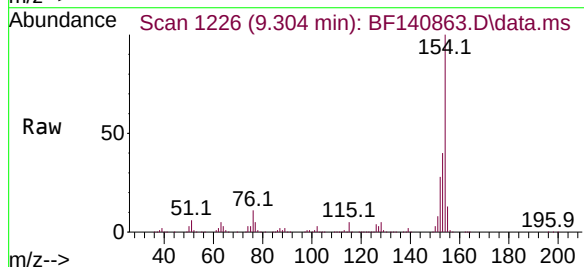
Tgt Ion:154 Resp: 617038

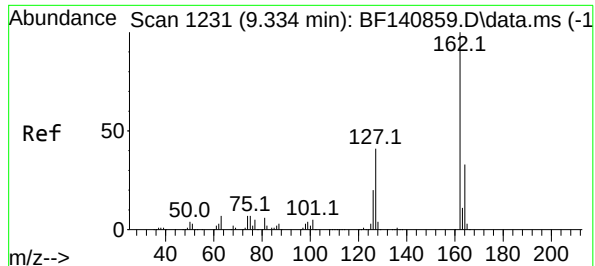
Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

76 11.3 0.0 31.0

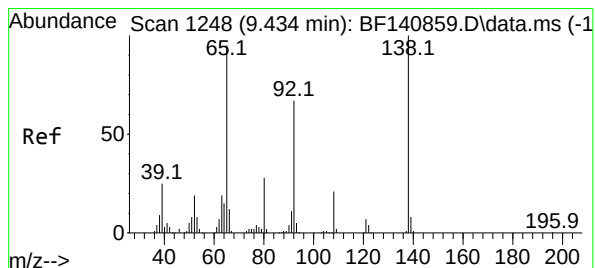
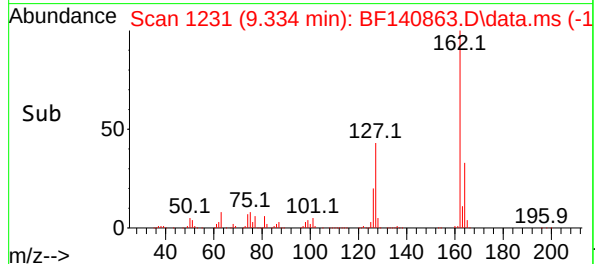
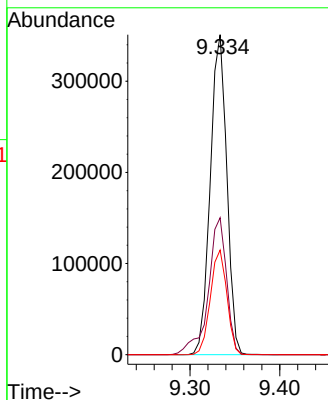
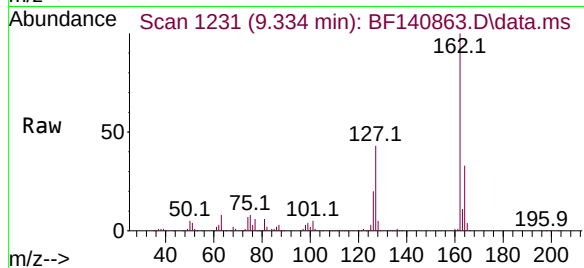




#47
2-Chloronaphthalene
Concen: 36.522 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

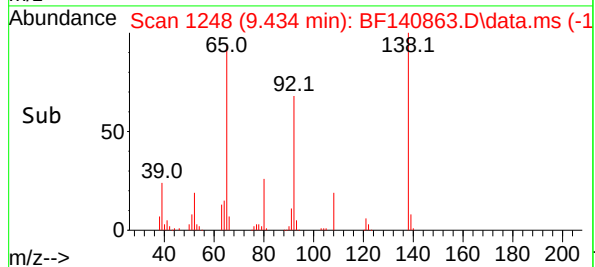
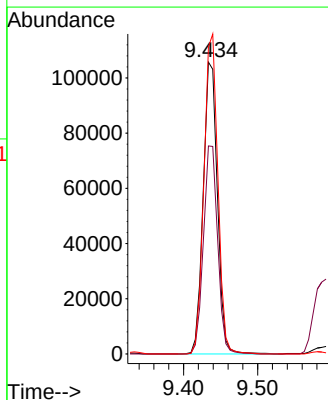
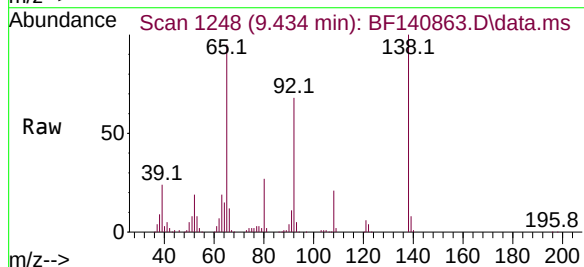
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

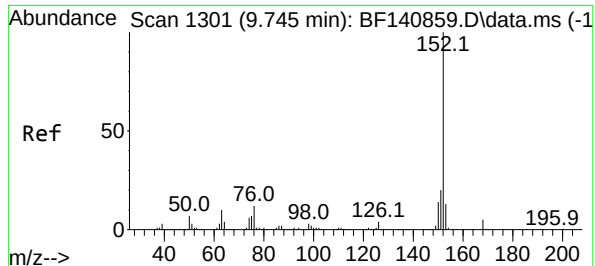
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.5	50.3
164	32.7	26.2	39.2



#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	Ratio	Lower	Upper
65	100		
92	71.3	56.3	84.5
138	105.2	83.8	125.6

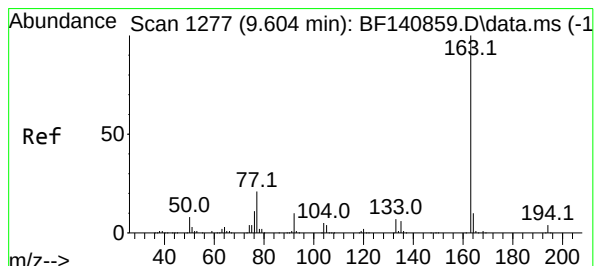
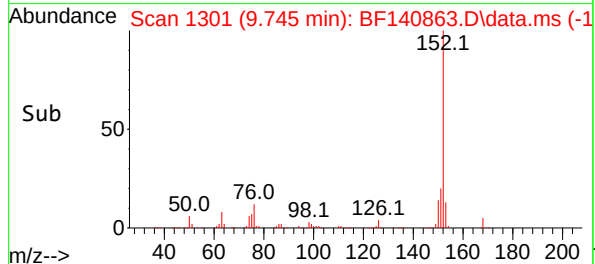
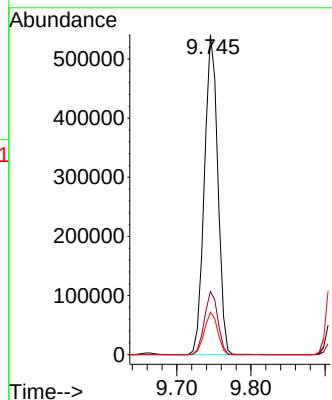
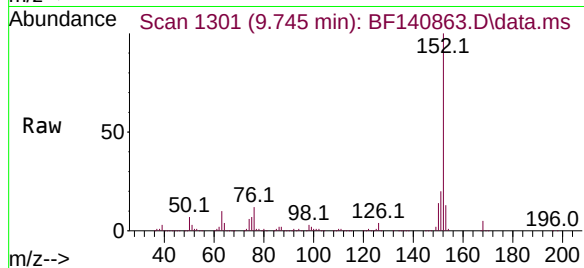




#49
Acenaphthylene
Concen: 37.651 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

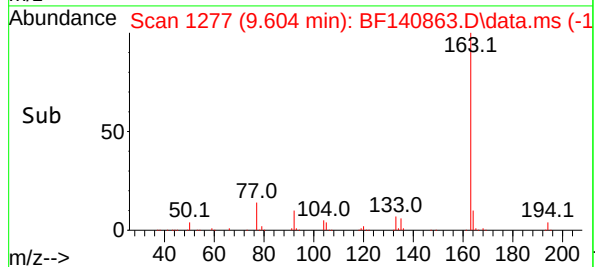
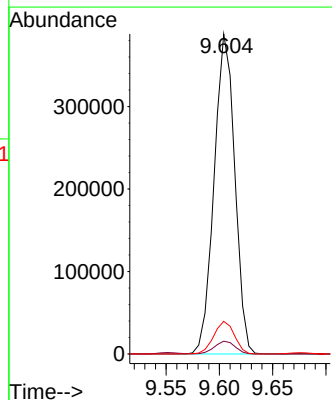
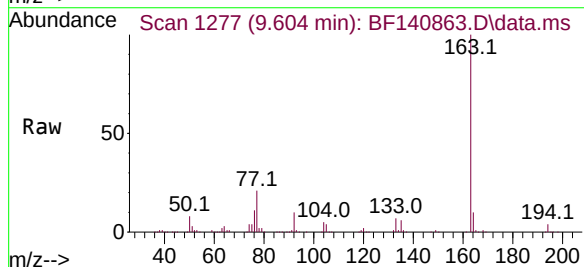
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

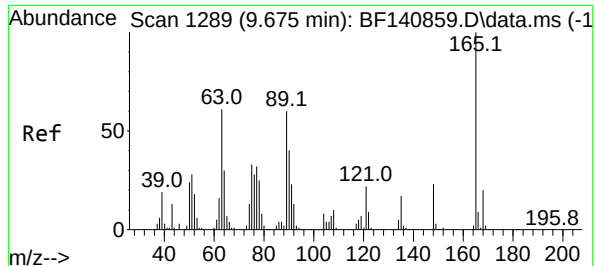
Tgt Ion:152 Resp: 679962
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.6 16.0



#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

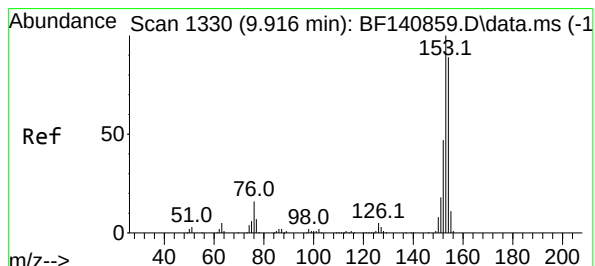
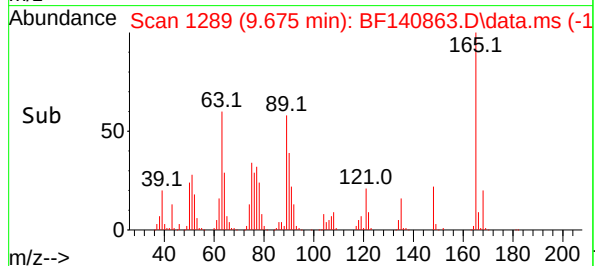
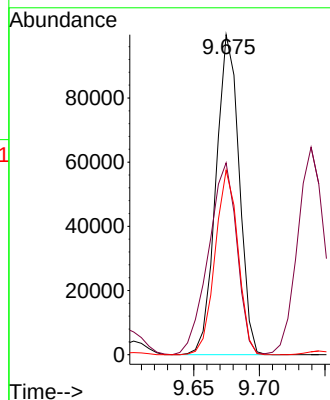
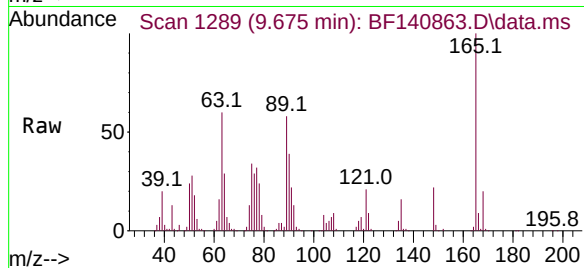
Tgt Ion:165 Resp: 122408

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

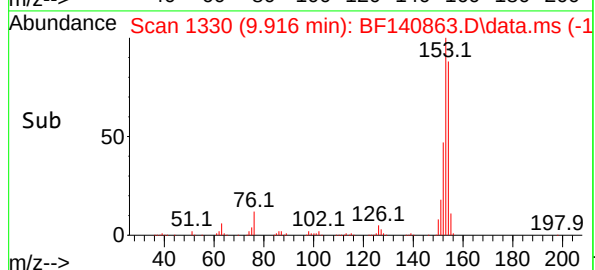
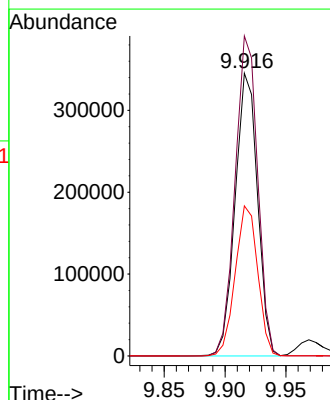
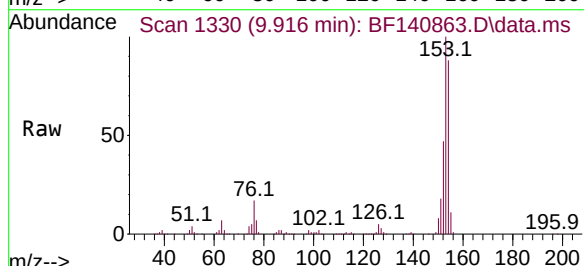
Tgt Ion:154 Resp: 441540

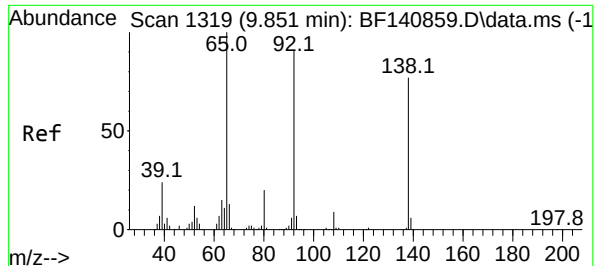
Ion Ratio Lower Upper

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

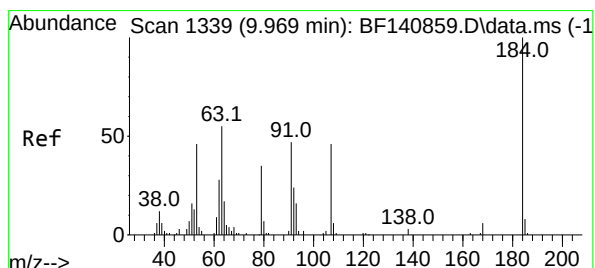
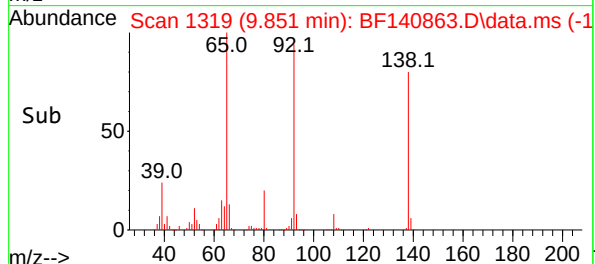
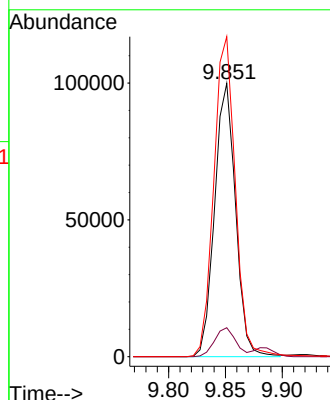
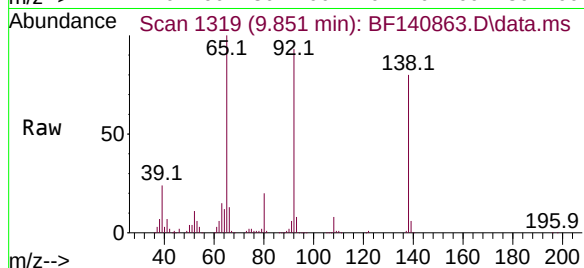
Tgt Ion:138 Resp: 128348

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

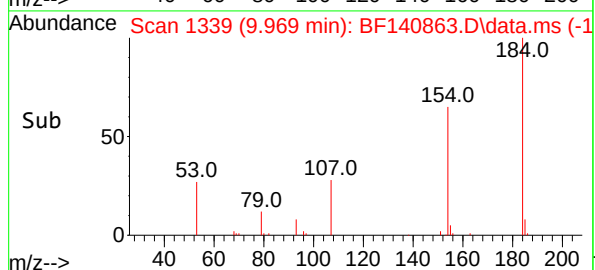
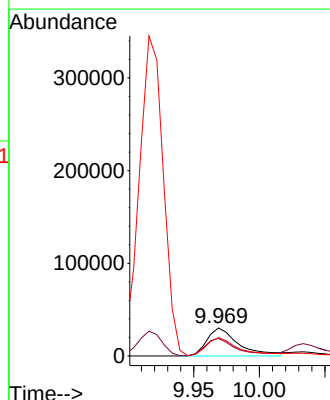
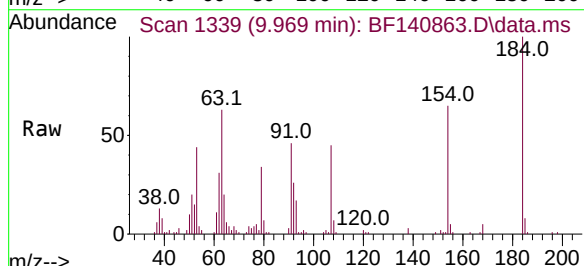
Tgt Ion:184 Resp: 50562

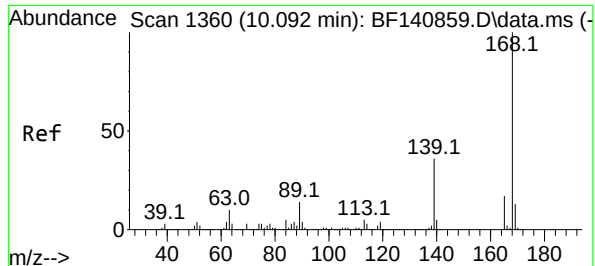
Ion Ratio Lower Upper

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

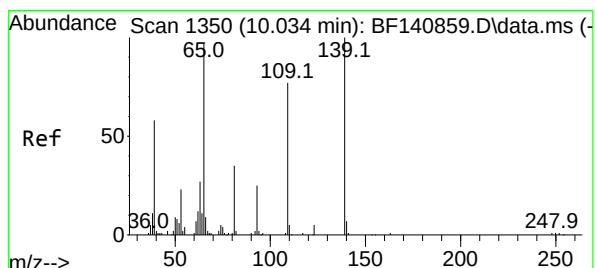
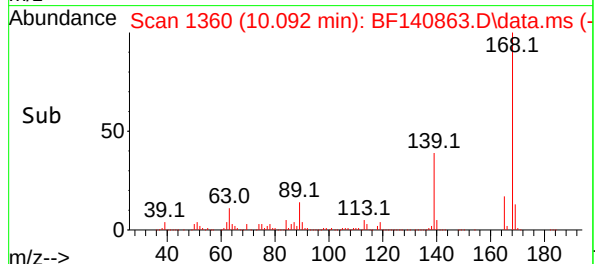
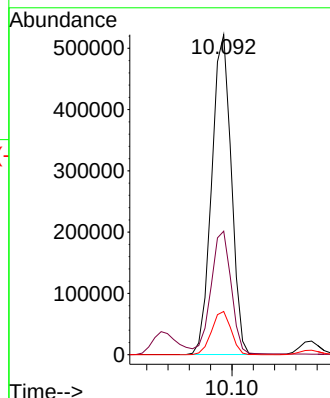
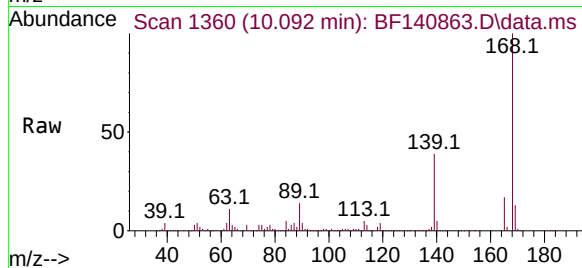
Tgt Ion:168 Resp: 663435

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

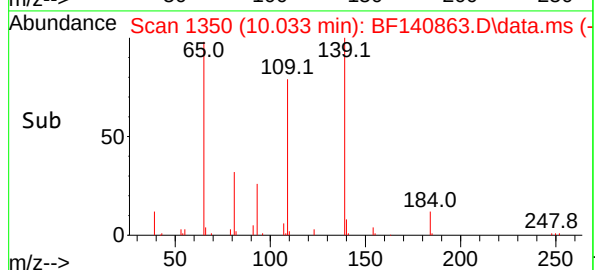
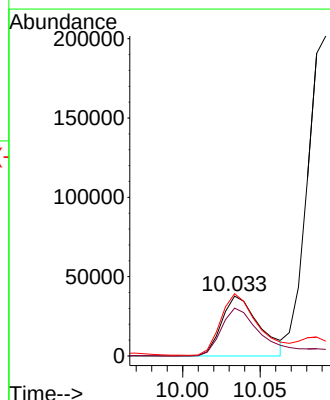
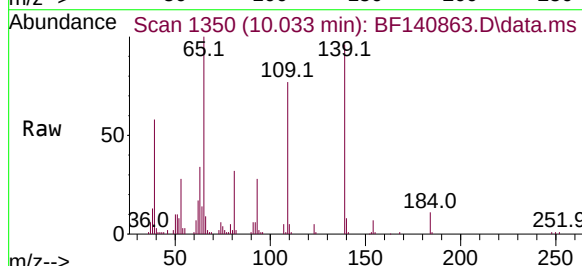
Tgt Ion:139 Resp: 63289

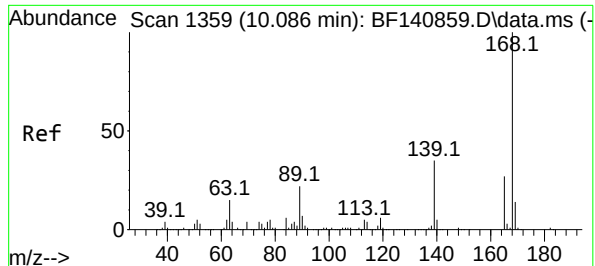
Ion Ratio Lower Upper

139 100

109 80.0 56.7 96.7

65 103.8 78.1 118.1

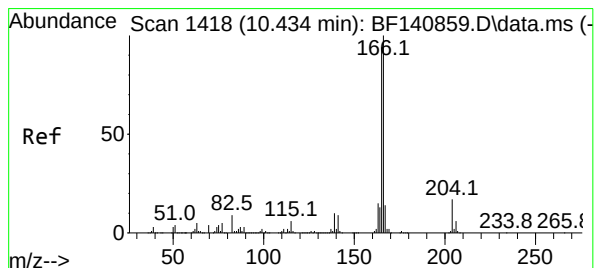
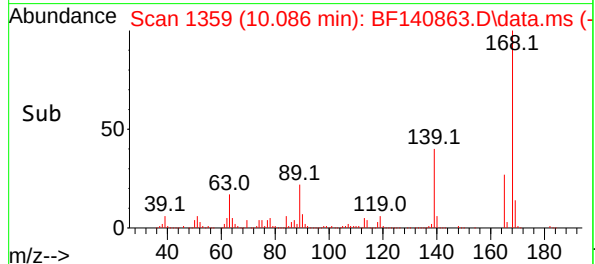
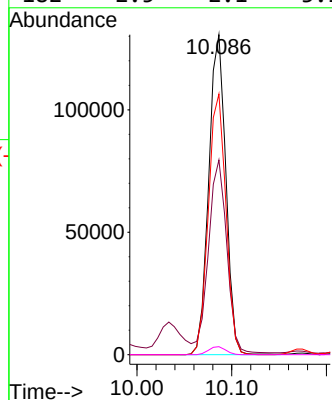
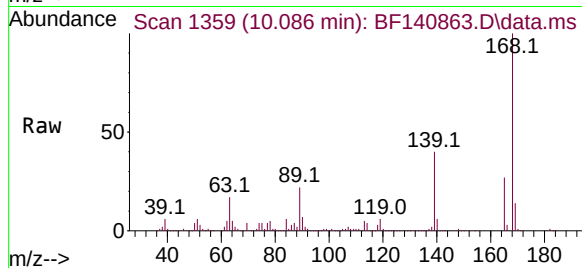




#57
2,4-Dinitrotoluene
Concen: 38.076 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

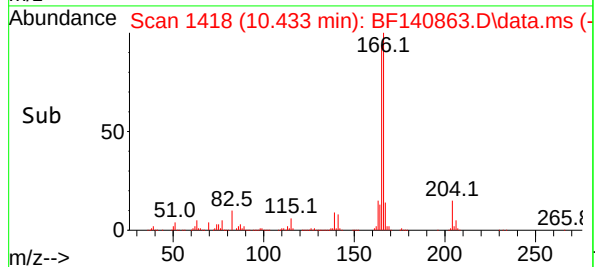
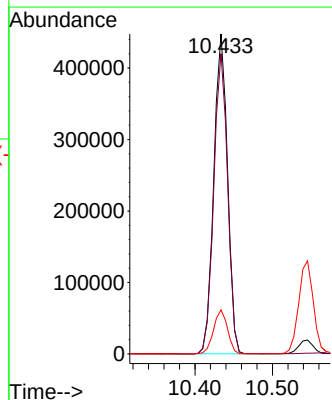
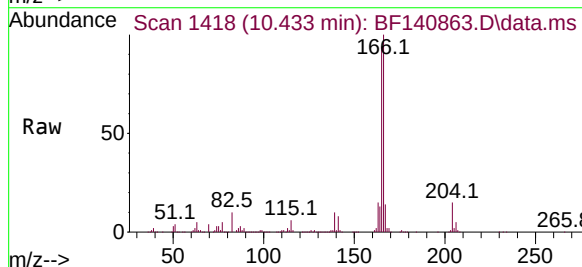
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

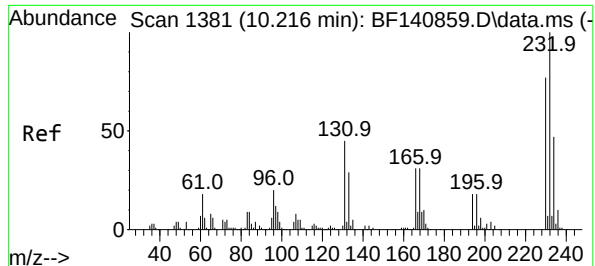
Tgt Ion:165 Resp: 163115
Ion Ratio Lower Upper
165 100
63 60.9 49.3 73.9
89 81.5 66.2 99.4
182 2.5 2.1 3.1



#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

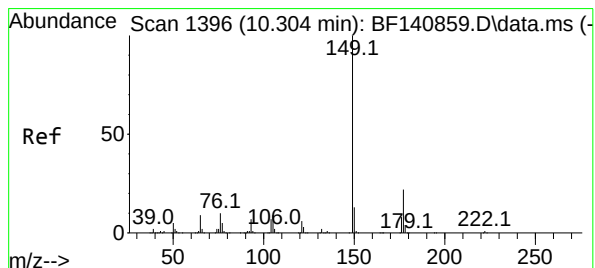
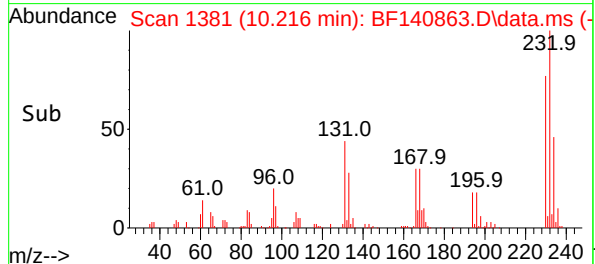
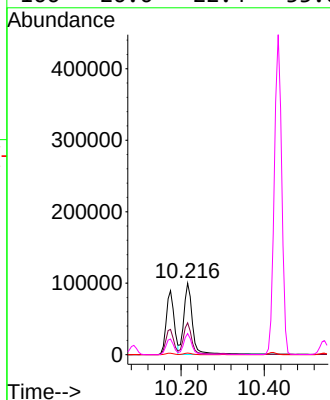
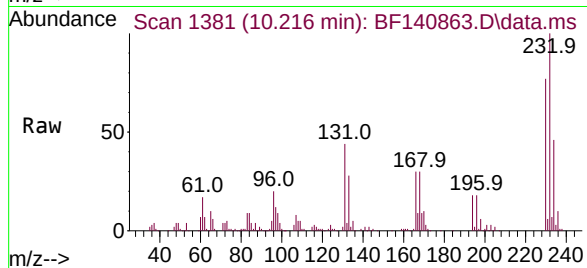




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.405 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

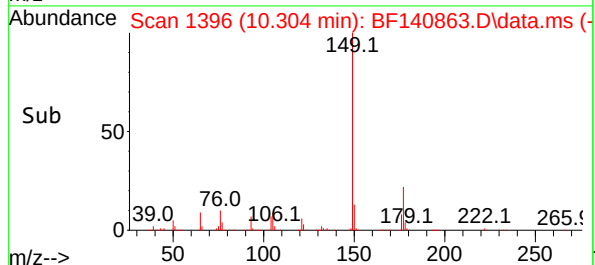
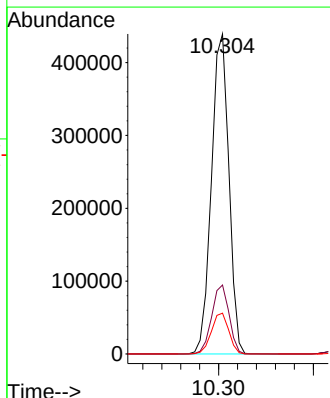
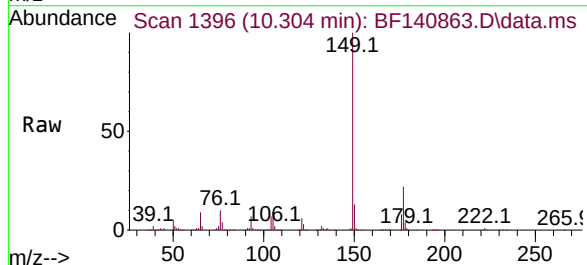
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

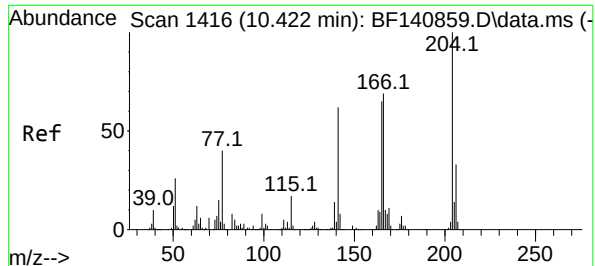
Tgt Ion:232 Resp: 144396
Ion Ratio Lower Upper
232 100
131 42.6 35.1 52.7
130 2.2 1.8 2.8
166 26.6 22.4 33.6



#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

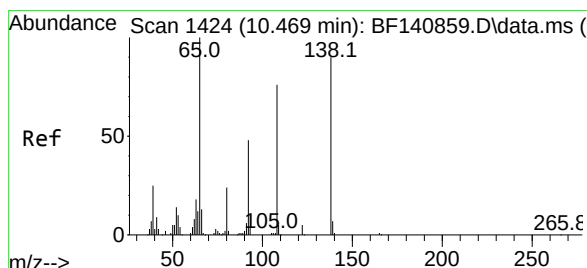
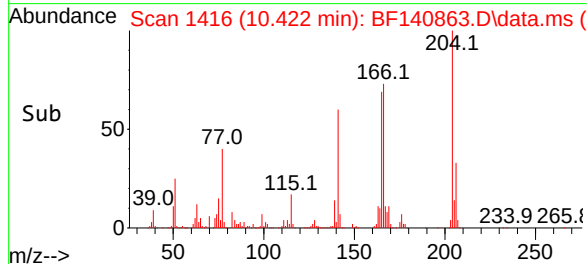
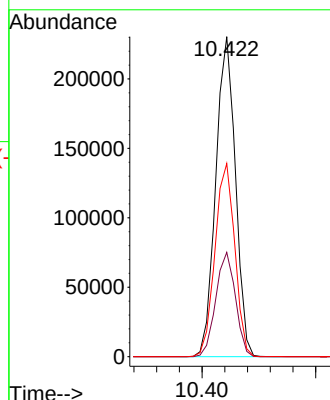
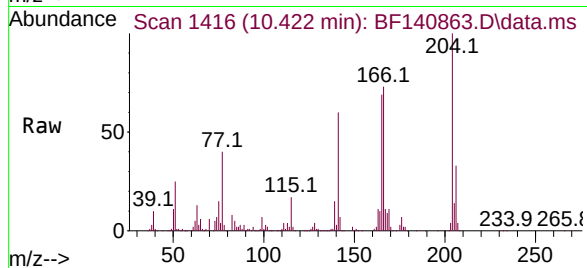




#61
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

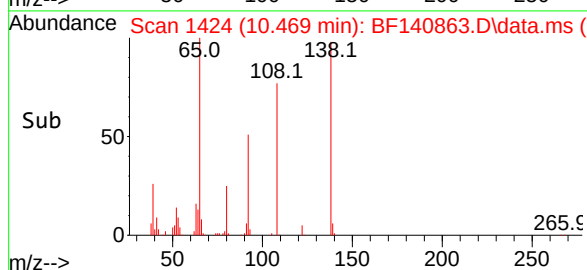
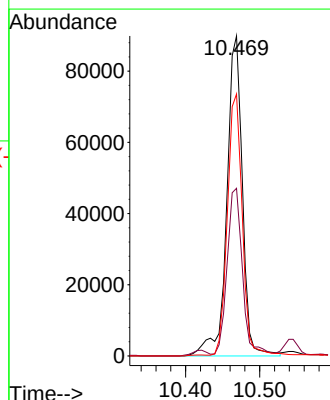
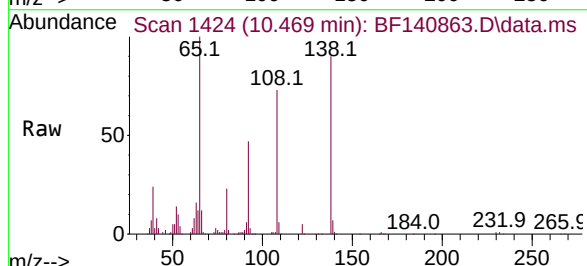
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

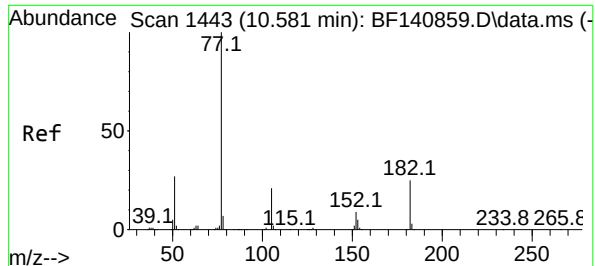
Tgt Ion:204 Resp: 277040
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.3 50.0 75.0



#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

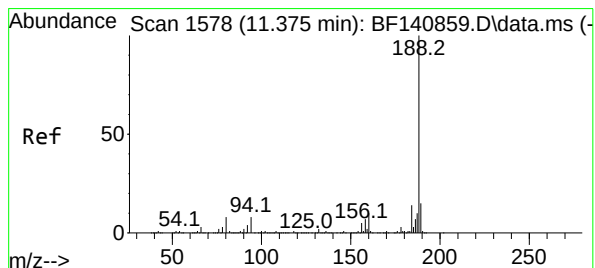
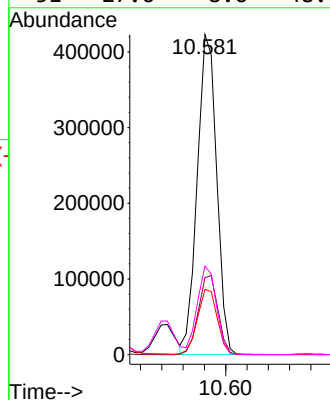
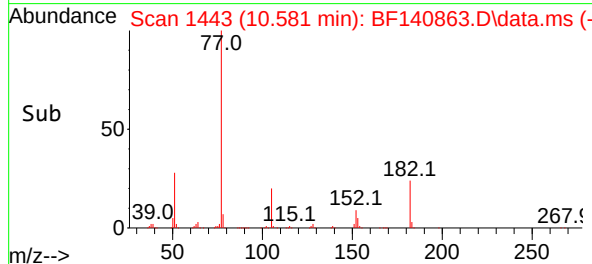
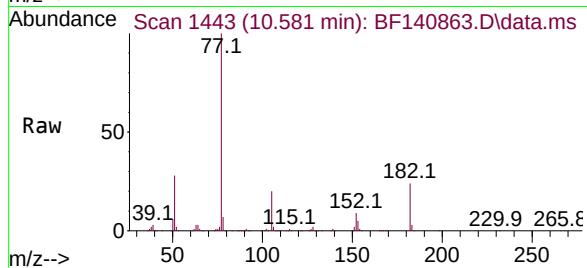




#63
Azobenzene
Concen: 38.657 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

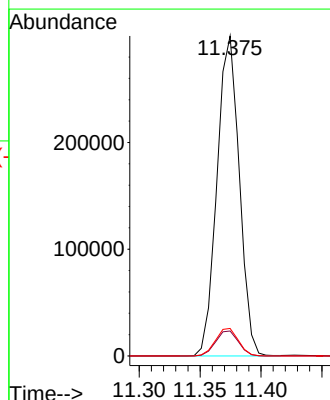
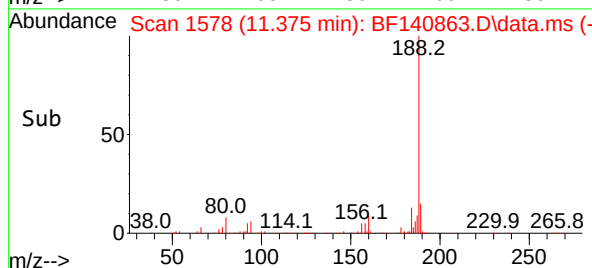
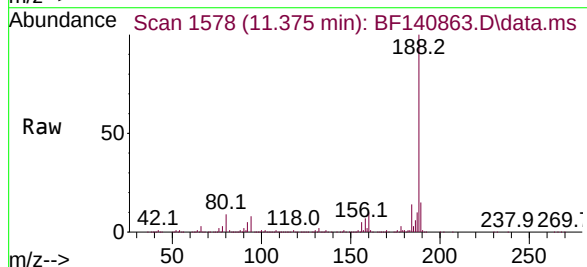
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

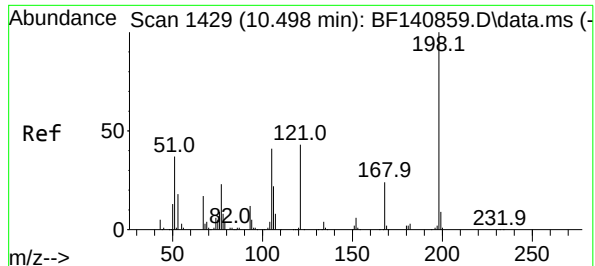
Tgt Ion:	77	Resp:	536731
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.5	44.5
105	20.5	0.9	40.9
51	27.6	8.6	48.6



#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

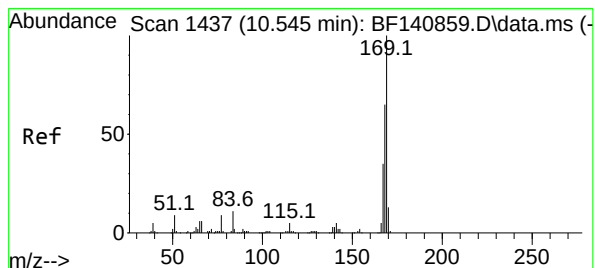
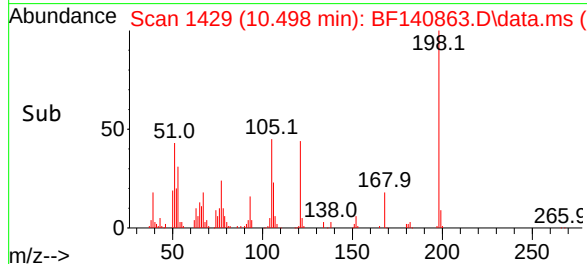
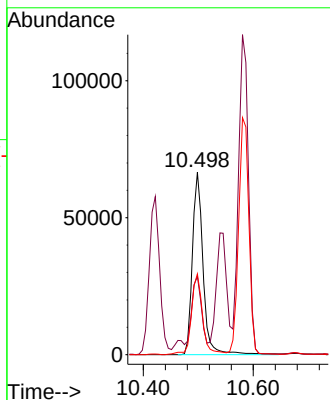
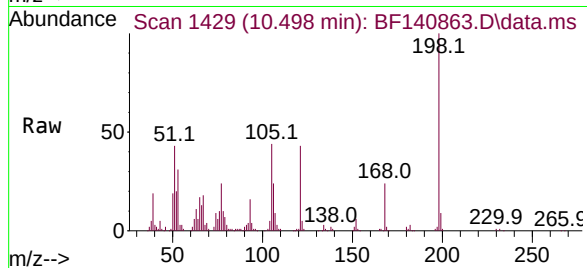




#65
4,6-Dinitro-2-methylphenol
Concen: 41.637 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

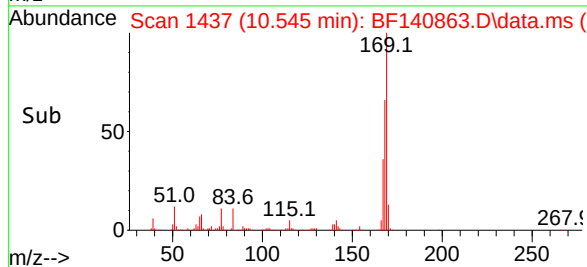
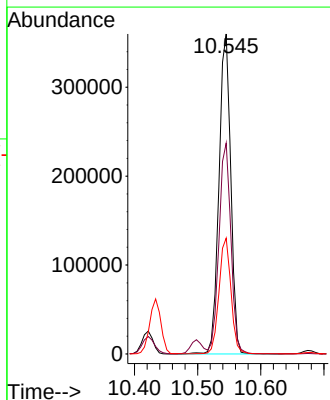
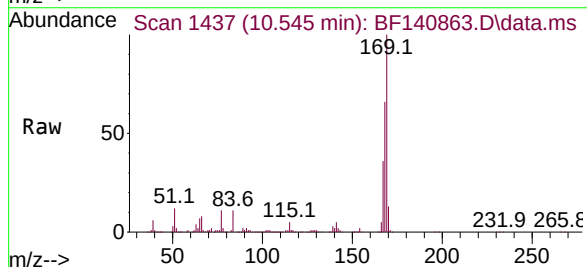
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

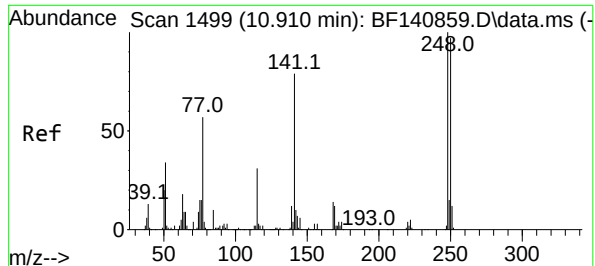
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.9	24.4	64.4
105	44.3	22.1	62.1



#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

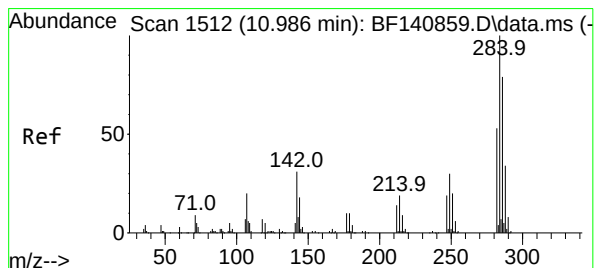
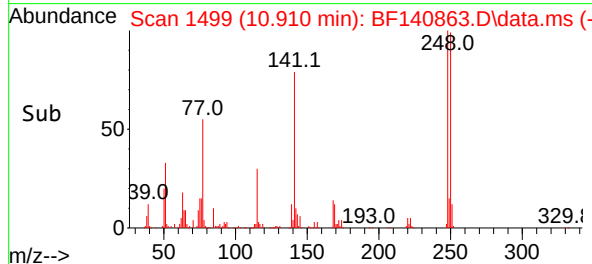
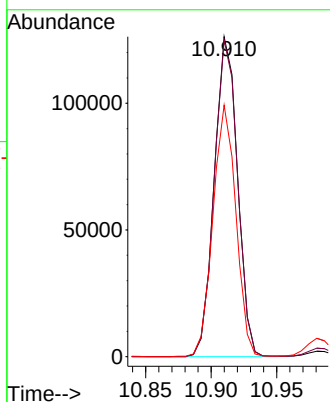
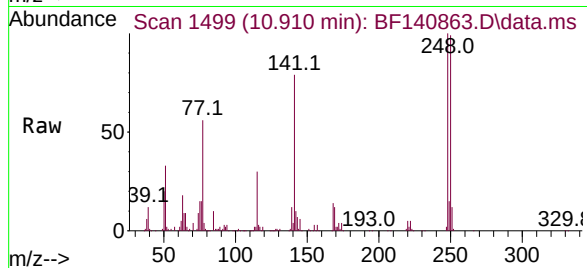




#67
4-Bromophenyl-phenylether
Concen: 36.329 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

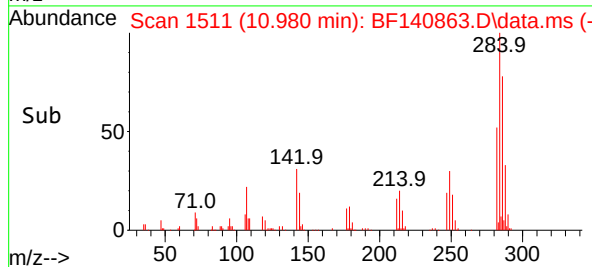
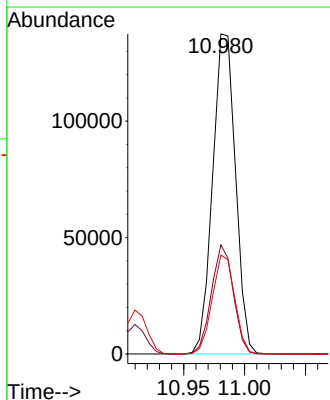
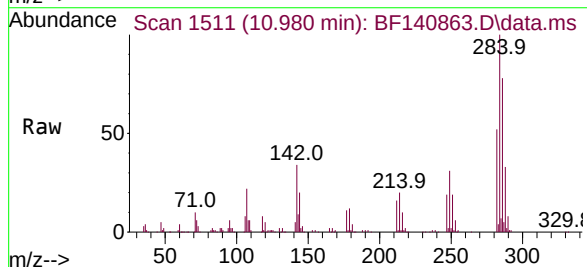
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

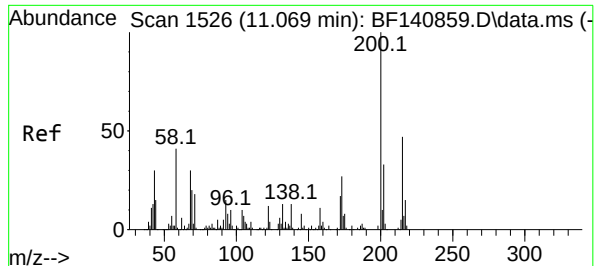
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.2
141	78.6	62.9	94.3



#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	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

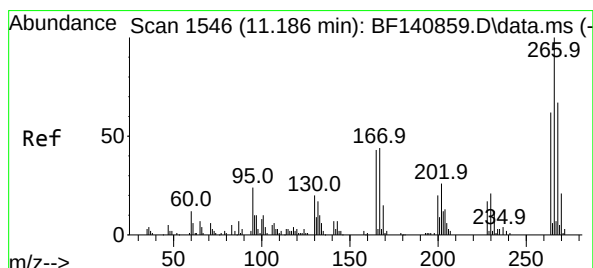
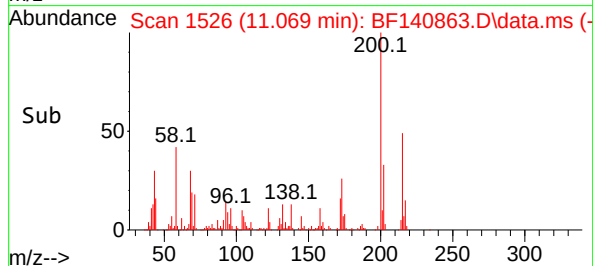
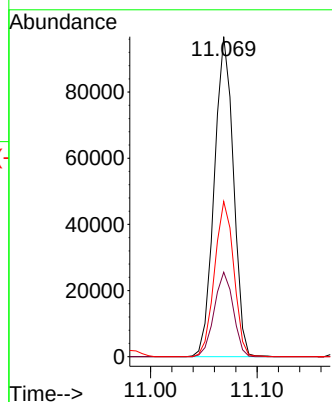
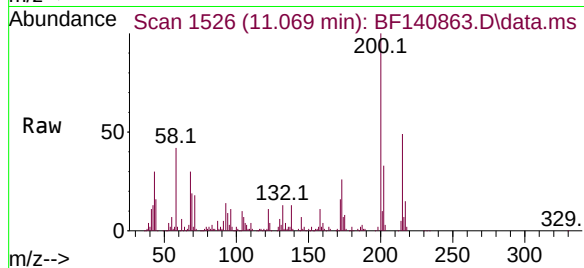
Tgt Ion:200 Resp: 120830

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

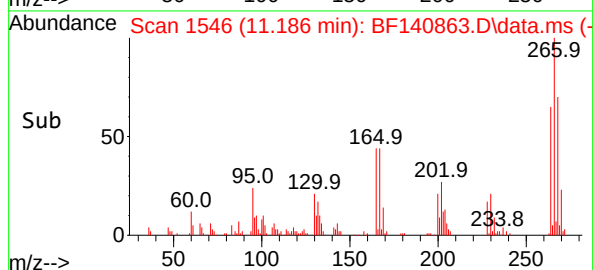
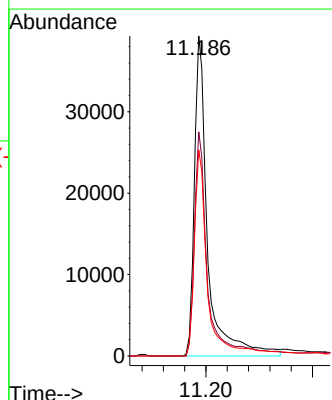
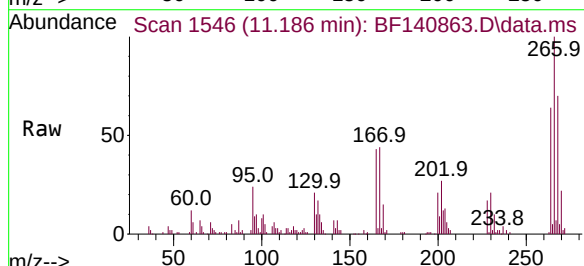
Tgt Ion:266 Resp: 68516

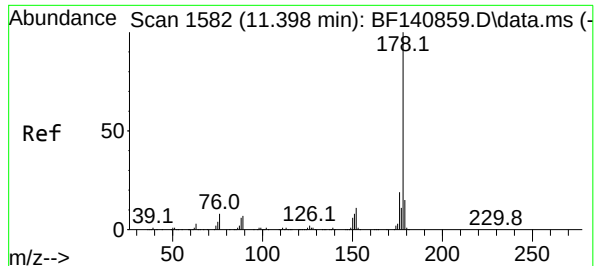
Ion Ratio Lower Upper

266 100

268 70.1 54.0 81.0

264 64.4 49.4 74.2

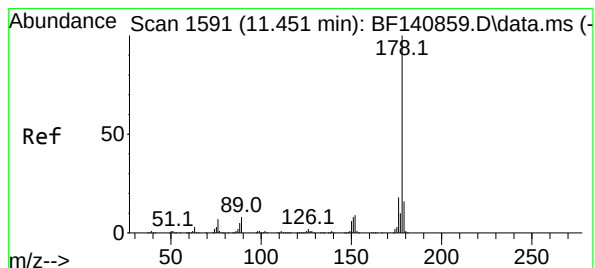
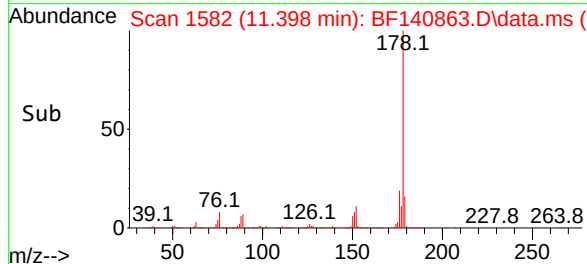
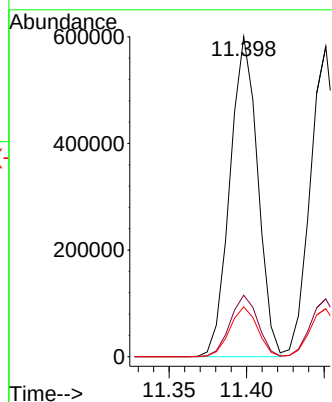
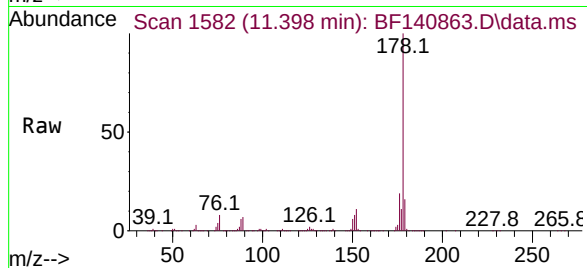




#71
Phenanthrene
Concen: 38.078 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

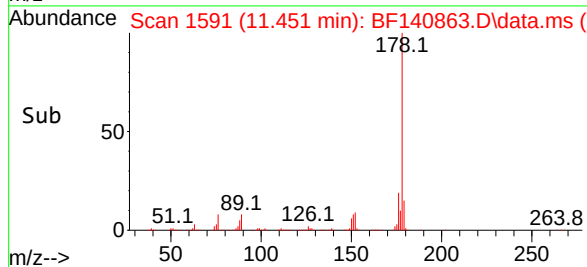
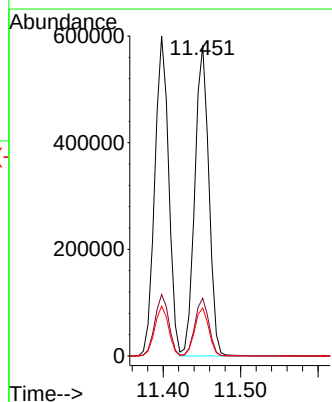
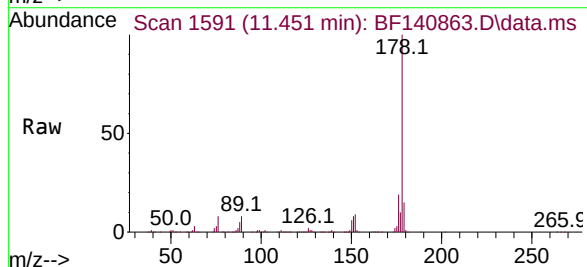
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

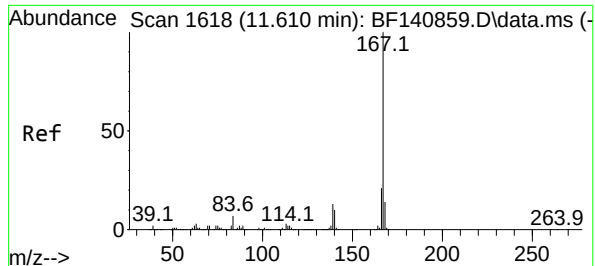
Tgt Ion:178 Resp: 747974
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#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

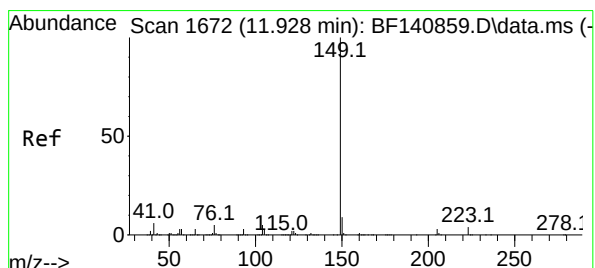
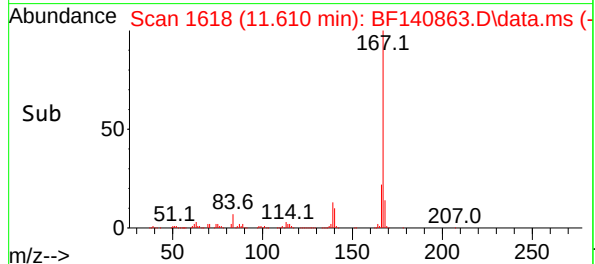
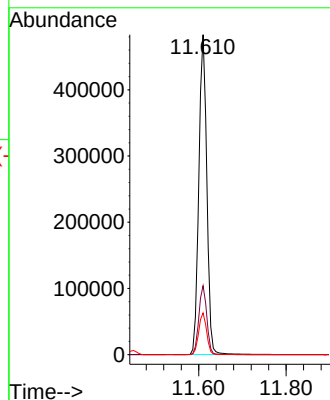
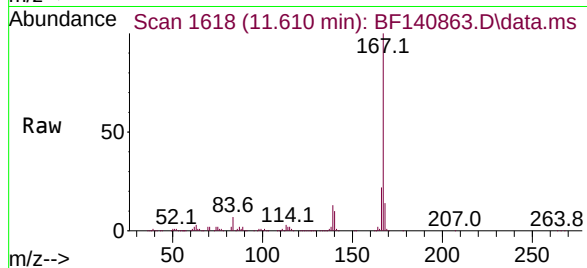




#73
Carbazole
Concen: 32.390 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

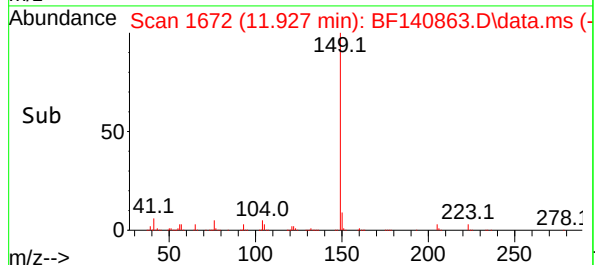
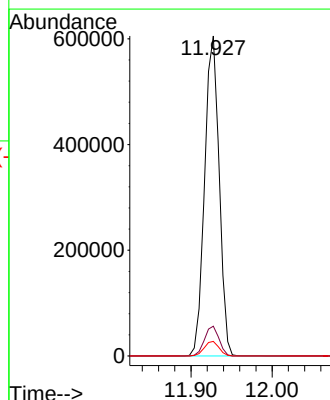
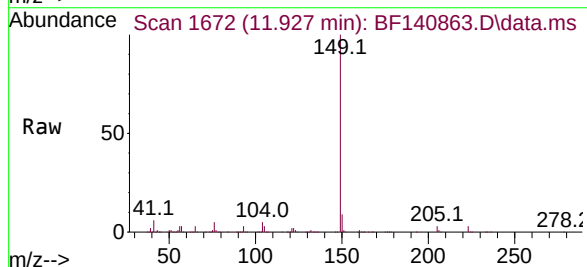
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

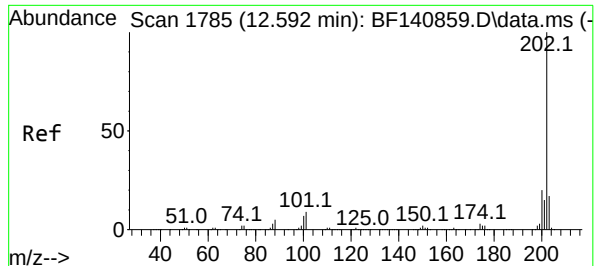
Tgt Ion:167 Resp: 613711
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.2 15.2



#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

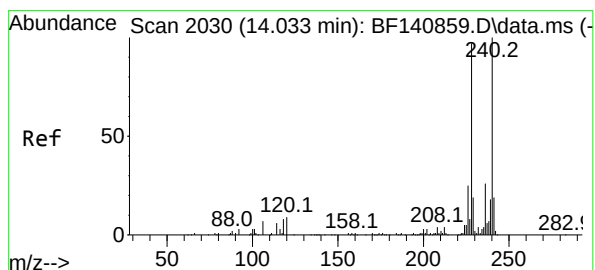
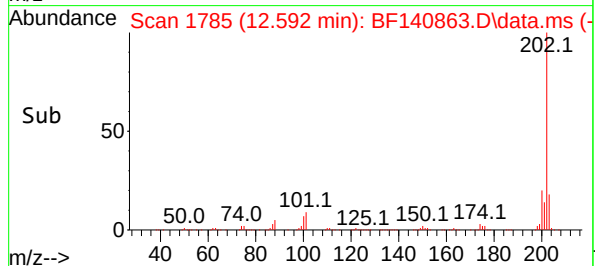
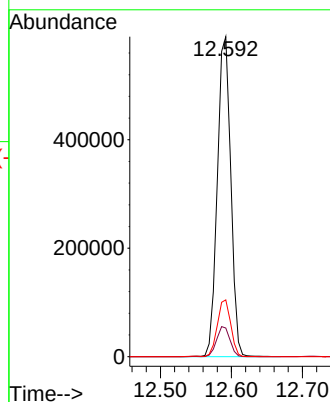
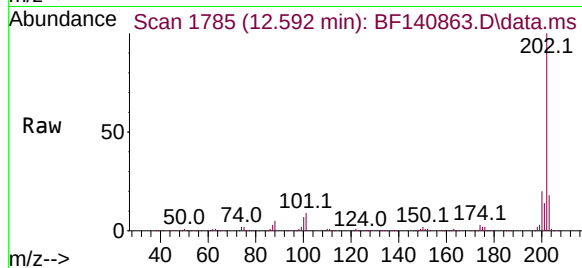




#75
Fluoranthene
Concen: 34.163 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

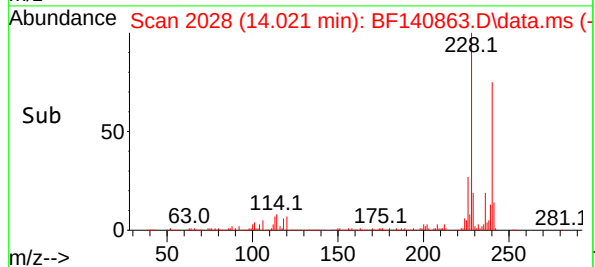
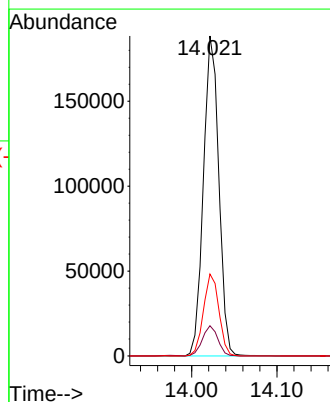
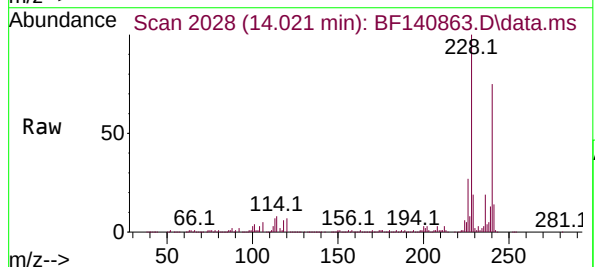
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

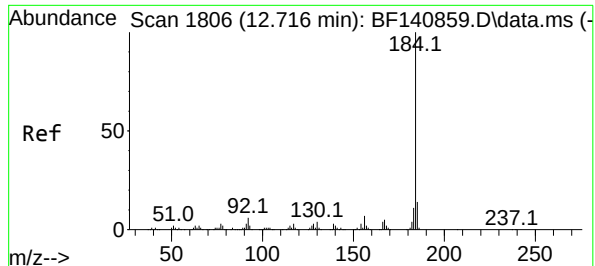
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.3
203	17.7	0.0	37.4



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

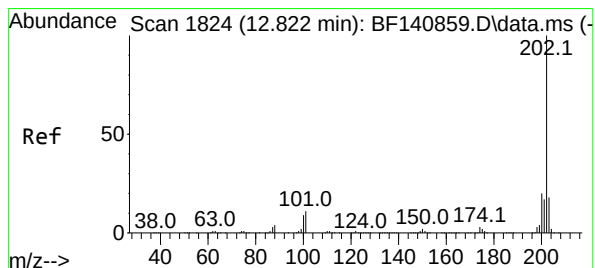
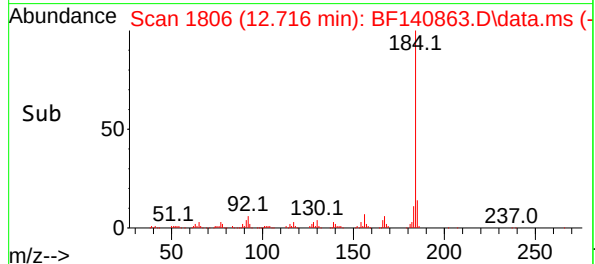
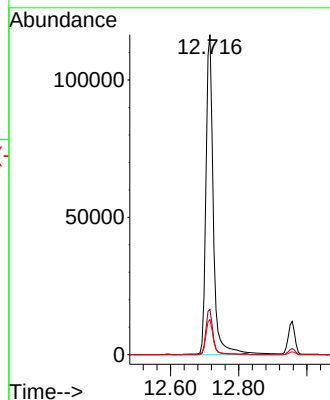
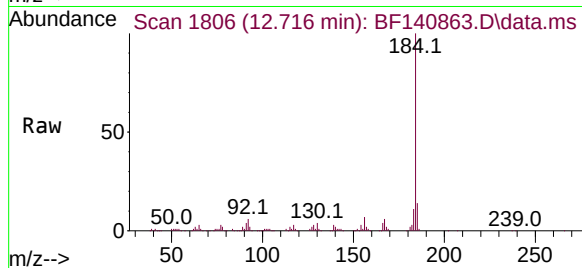




#77
Benzidine
Concen: 36.642 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

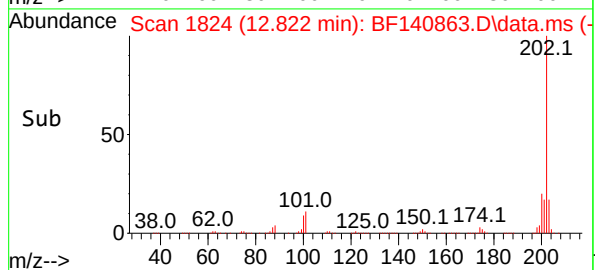
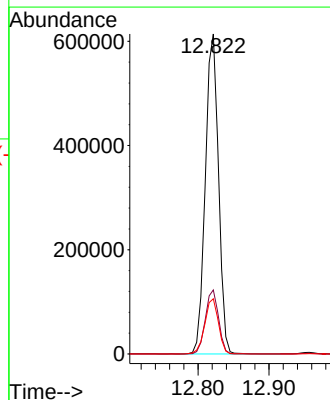
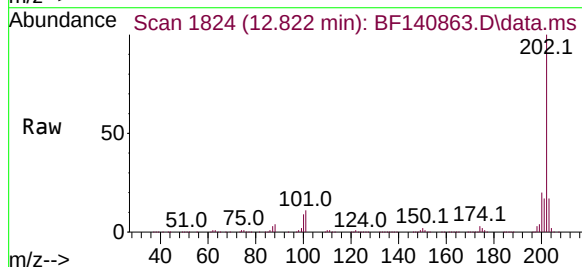
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

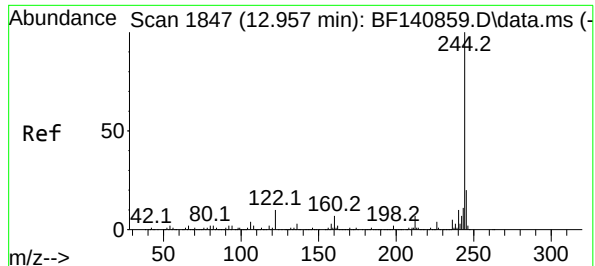
Tgt Ion:184 Resp: 176802
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 10.9 9.0 13.4



#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

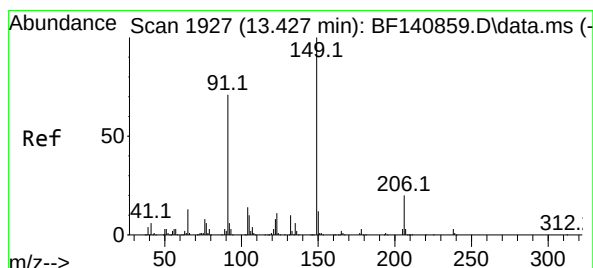
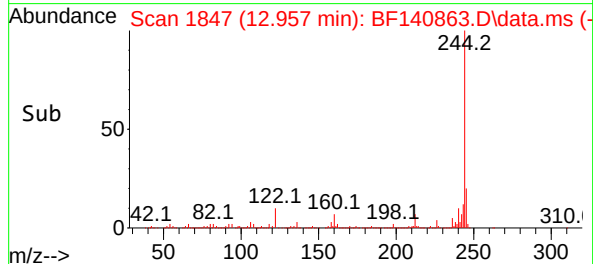
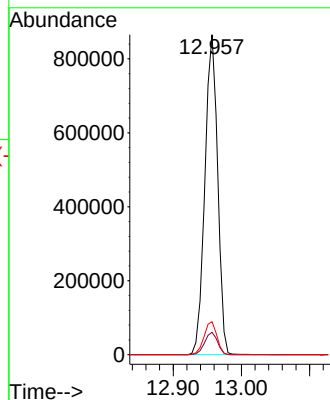
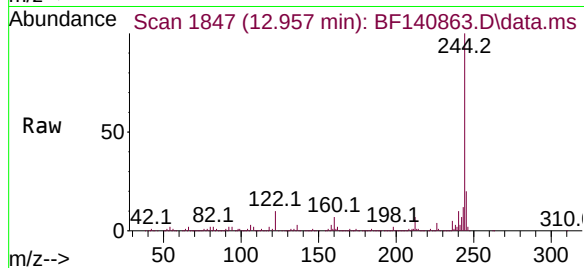




#79
Terphenyl-d14
Concen: 75.108 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

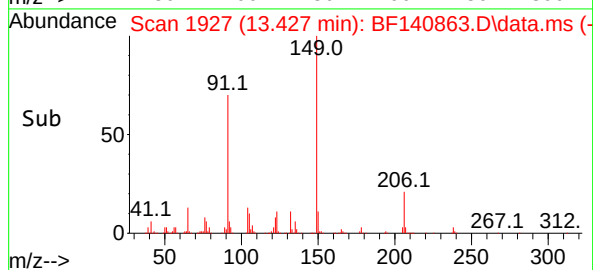
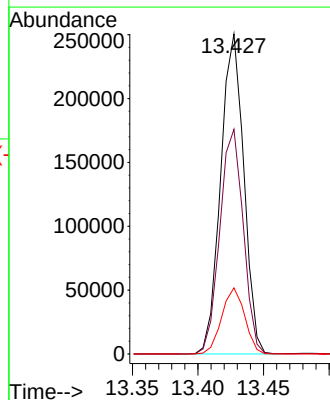
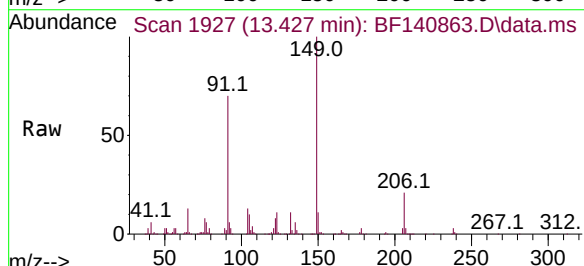
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

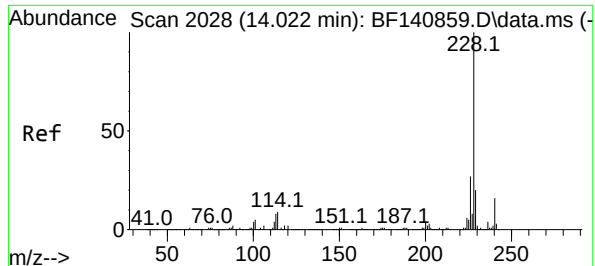
Tgt Ion:244 Resp: 1126061
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.3 8.2 12.2



#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

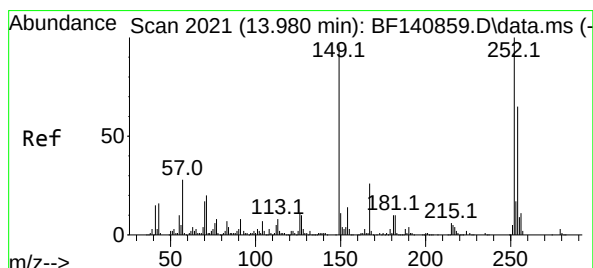
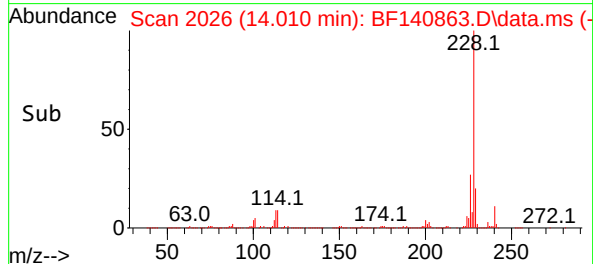
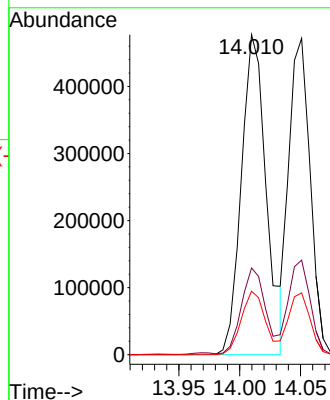
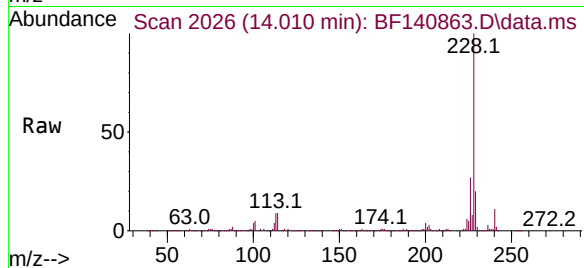




#81
Benzo(a)anthracene
Concen: 40.525 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

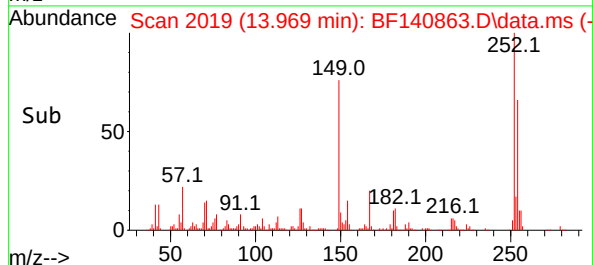
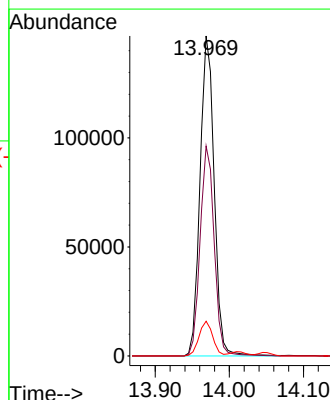
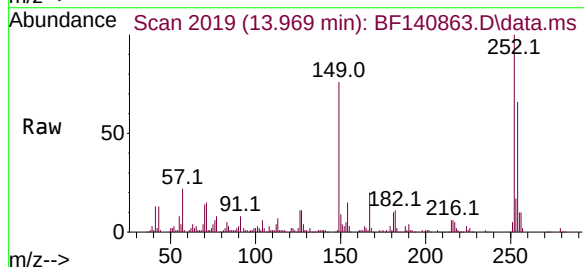
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

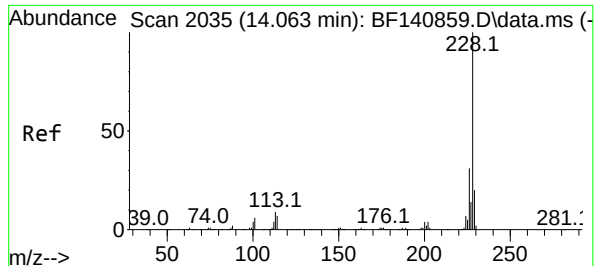
Tgt Ion:228 Resp: 679017
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.8



#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# 20

Delta R.T. -0.012 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

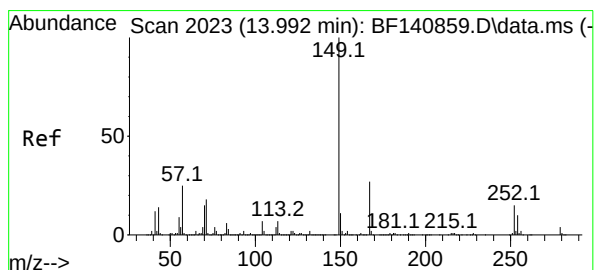
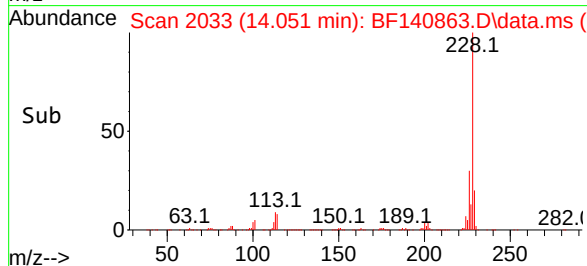
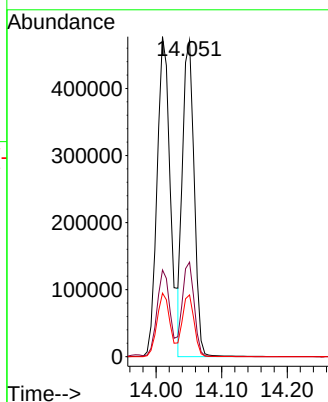
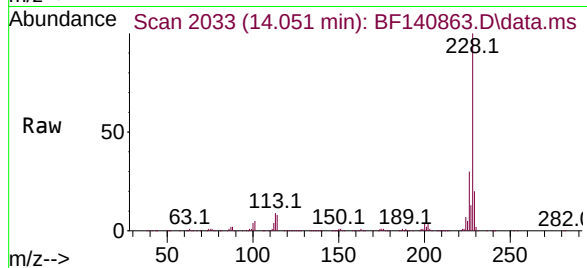
Tgt Ion:228 Resp: 574336

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

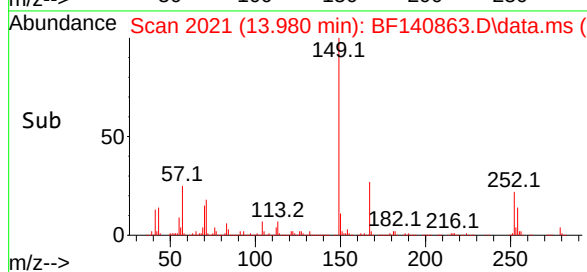
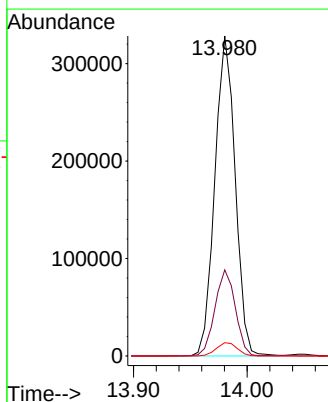
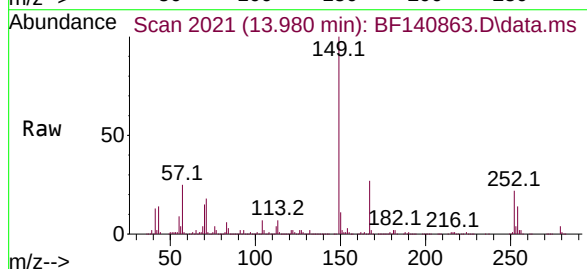
Tgt Ion:149 Resp: 408768

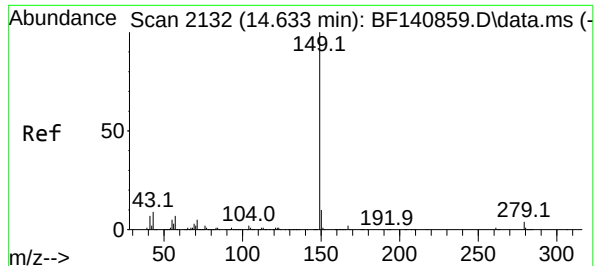
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.2 3.5 5.3

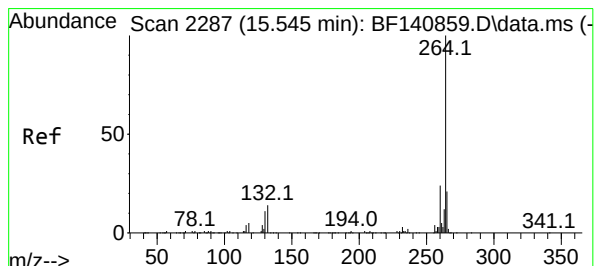
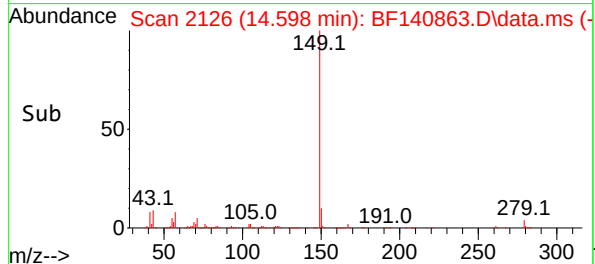
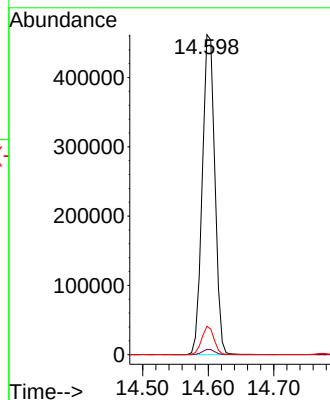
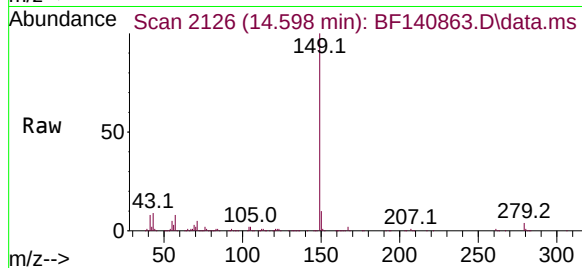




#85
Di-n-octyl phthalate
Concen: 40.907 ng
RT: 14.598 min Scan# 2132
Delta R.T. -0.035 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

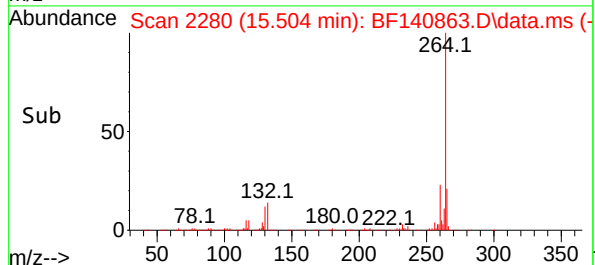
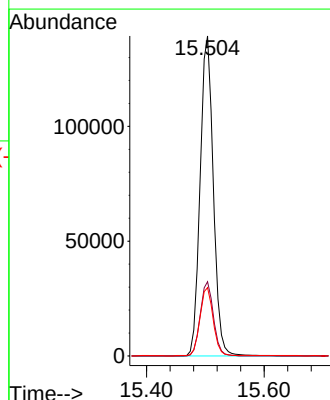
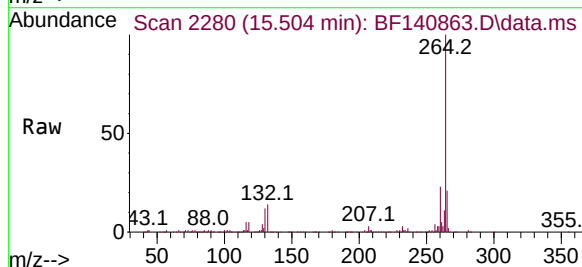
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

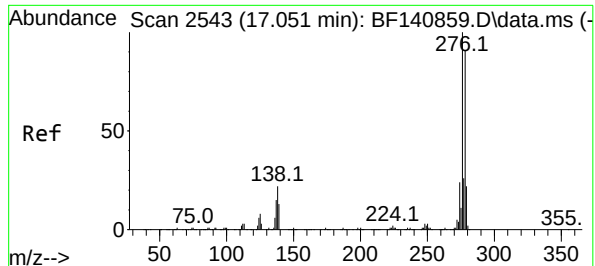
Tgt Ion:149 Resp: 617289
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.0 10.6



#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

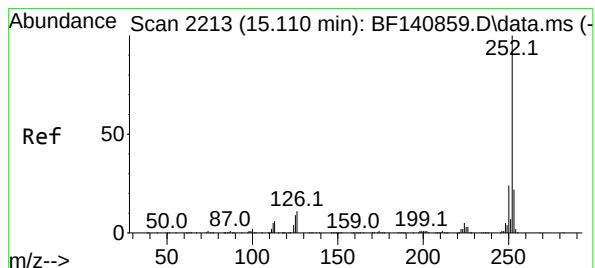
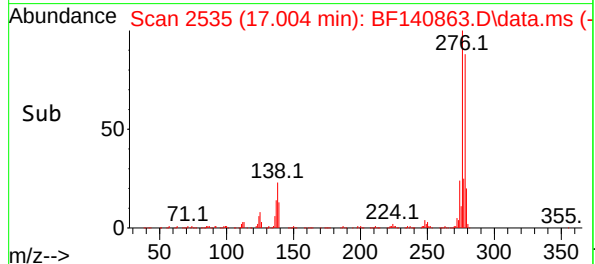
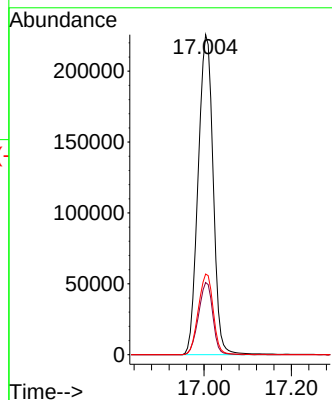
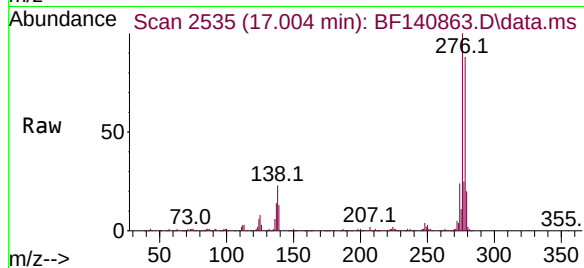




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.762 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.047 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

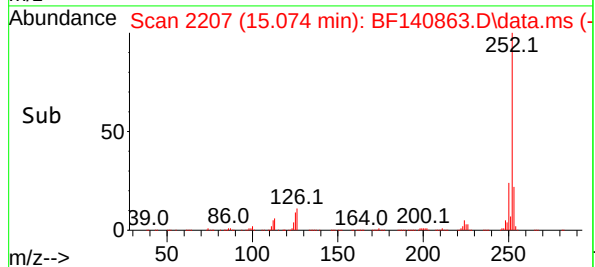
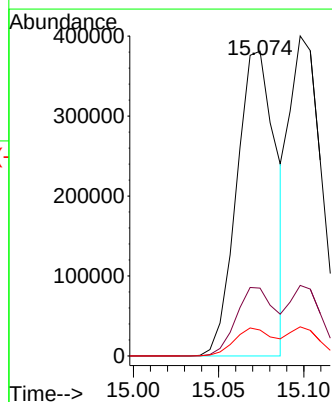
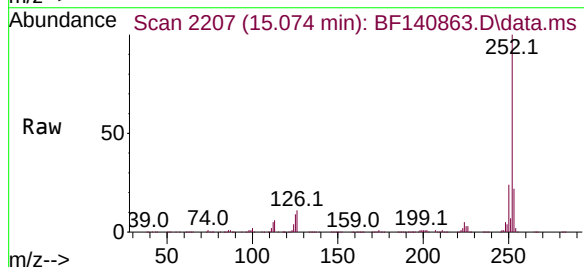
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

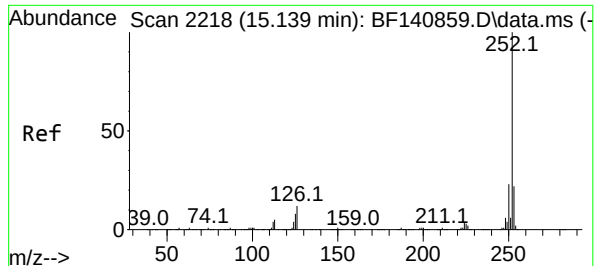
Tgt Ion:276 Resp: 539135
Ion Ratio Lower Upper
276 100
138 21.4 16.9 25.3
277 25.0 20.2 30.4



#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

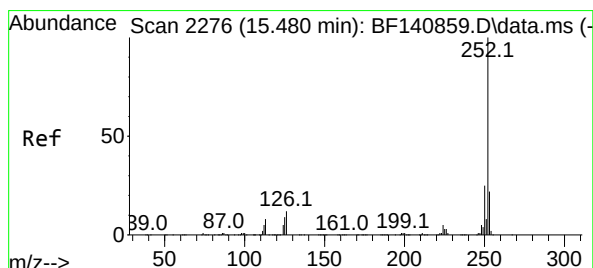
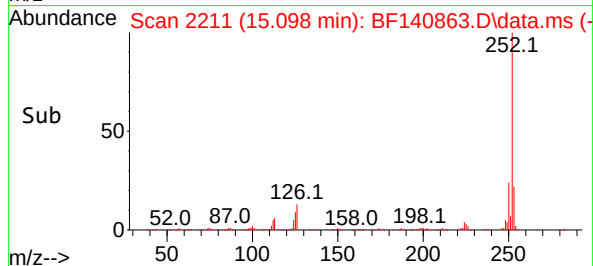
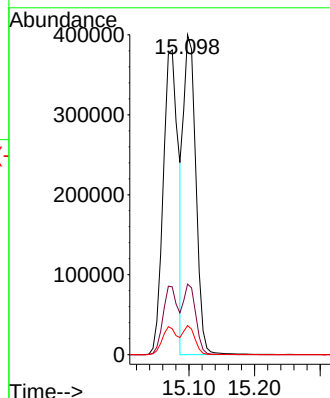
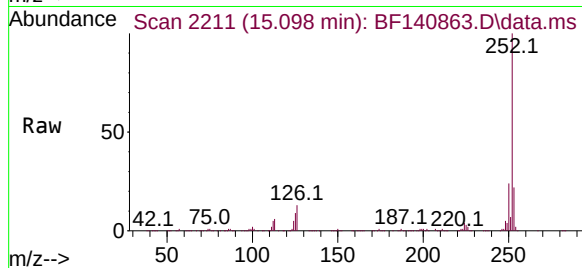
Tgt Ion:252 Resp: 525272

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

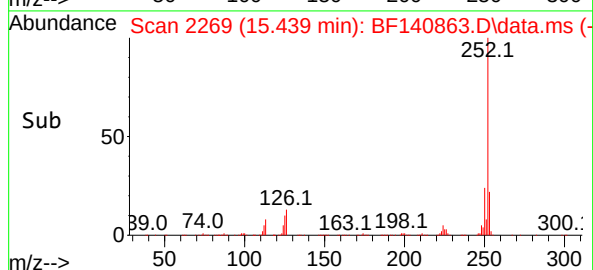
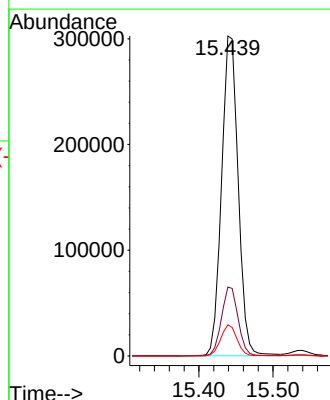
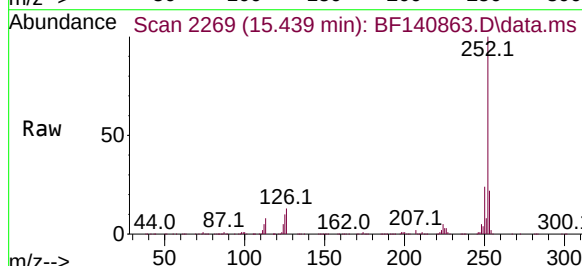
Tgt Ion:252 Resp: 470896

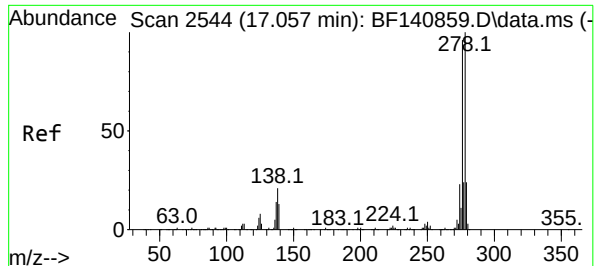
Ion Ratio Lower Upper

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

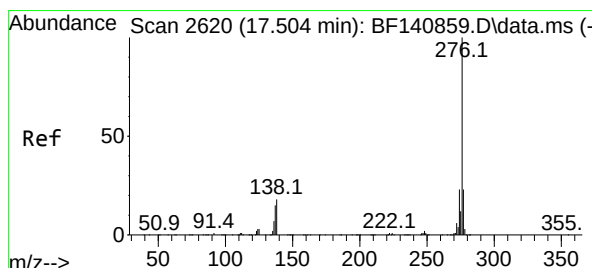
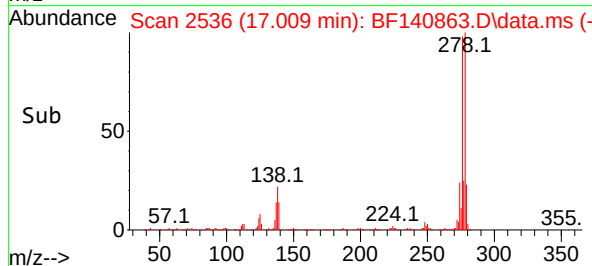
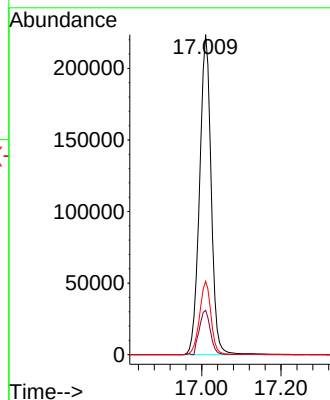
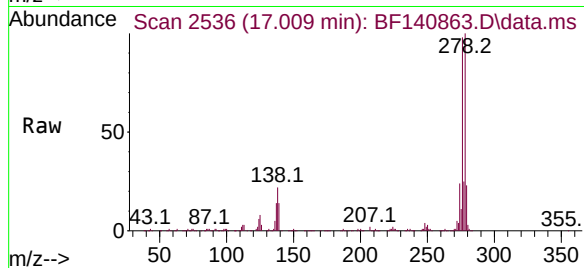
Tgt Ion:278 Resp: 451973

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

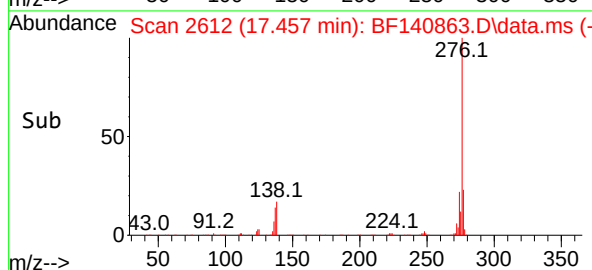
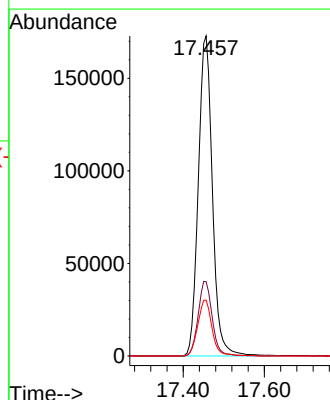
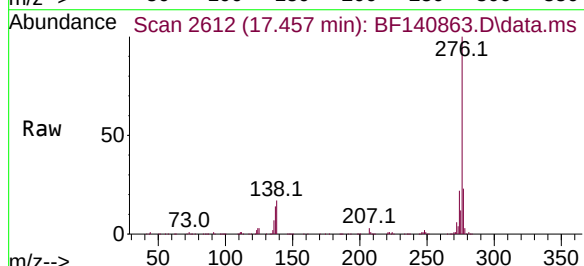
Tgt Ion:276 Resp: 418030

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	Benzidine	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: ARDM01

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG No.: P5192

Instrument ID: BNA_F Calibration Date/Time: 12/16/2024 14:26

Lab File ID: BF140859.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.611	0.603		-1.3	
2-Fluorophenol	1.215	1.199		-1.3	
Phenol-d6	1.609	1.567		-2.6	
Phenol	1.668	1.630		-2.3	20.0
bis(2-Chloroethyl)ether	1.244	1.227		-1.4	
2-Chlorophenol	1.325	1.301		-1.8	
2,2-oxybis(1-Chloropropane)	1.465	1.438		-1.8	
n-Nitroso-di-n-propylamine	0.965	0.922	0.050	-4.5	
Nitrobenzene-d5	0.400	0.393		-1.8	
Hexachloroethane	0.570	0.556		-2.5	
Nitrobenzene	0.410	0.402		-2.0	
Isophorone	0.670	0.651		-2.8	
2-Nitrophenol	0.189	0.187		-1.1	20.0
2,4-Dimethylphenol	0.220	0.220		0.0	
bis(2-Chloroethoxy)methane	0.418	0.417		-0.2	
2,4-Dichlorophenol	0.304	0.299		-1.6	20.0
1,2,4-Trichlorobenzene	0.349	0.341		-2.3	
Naphthalene	1.099	1.067		-2.9	
Hexachlorobutadiene	0.235	0.232		-1.3	20.0
4-Chloro-3-methylphenol	0.342	0.338		-1.2	20.0
Hexachlorocyclopentadiene	0.153	0.142	0.050	-7.2	
2,4,6-Trichlorophenol	0.376	0.364		-3.2	20.0
2-Fluorobiphenyl	1.455	1.369		-5.9	
2-Chloronaphthalene	1.217	1.169		-3.9	
Dimethylphthalate	1.410	1.359		-3.6	
Acenaphthylene	1.788	1.734		-3.0	
2,6-Dinitrotoluene	0.322	0.312		-3.1	
Acenaphthene	1.142	1.113		-2.5	20.0
2,4-Dinitrophenol	0.132	0.134	0.050	1.5	
4-Nitrophenol	0.150	0.165	0.050	10.0	
2,4-Dinitrotoluene	0.424	0.419		-1.2	
Diethylphthalate	1.462	1.439		-1.6	
4-Chlorophenyl-phenylether	0.733	0.716		-2.3	
Fluorene	1.460	1.444		-1.1	
4,6-Dinitro-2-methylphenol	0.113	0.117		3.5	
n-Nitrosodiphenylamine	0.615	0.599		-2.6	20.0
Azobenzene	1.375	1.368		-0.5	
2,4,6-Tribromophenol	0.237	0.240		1.3	
4-Bromophenyl-phenylether	0.224	0.220		-1.8	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG No.: P5192

Instrument ID: BNA_F Calibration Date/Time: 12/16/2024 14:26

Lab File ID: BF140859.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.254	0.246		-3.2	
Pentachlorophenol	0.093	0.098		5.4	20.0
Phenanthrene	1.028	0.983		-4.4	
Anthracene	1.013	0.970		-4.2	
Di-n-butylphthalate	1.164	1.129		-3.0	
Fluoranthene	1.184	1.130		-4.6	20.0
Benzidine	0.408	0.404		-1.0	
Pyrene	1.779	1.699		-4.5	
Terphenyl-d14	1.268	1.206		-4.9	
Butylbenzylphthalate	0.654	0.646		-1.2	
3,3-Dichlorobenzidine	0.428	0.412		-3.7	
Benzo (a) anthracene	1.417	1.359		-4.1	
Chrysene	1.289	1.271		-1.4	
Bis (2-ethylhexyl) phthalate	0.844	0.821		-2.7	
Di-n-octyl phthalate	1.277	1.223		-4.2	20.0
Benzo (b) fluoranthene	1.388	1.294		-6.8	
Benzo (k) fluoranthene	1.191	1.224		2.8	
Benzo (a) pyrene	1.087	1.073		-1.3	20.0
Indeno (1,2,3-cd) pyrene	1.248	1.269		1.7	
Dibenzo (a,h) anthracene	1.034	1.058		2.3	
Benzo (g,h,i) perylene	1.052	1.073		2.0	

All other compounds must meet a minimum RRF of 0.010.

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

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 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

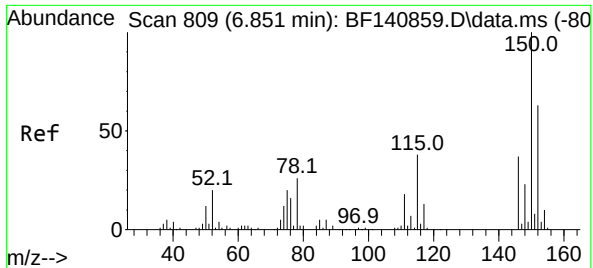
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 QLast Update : Mon Dec 16 16:38:27 2024
 Response via : Initial Calibration

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

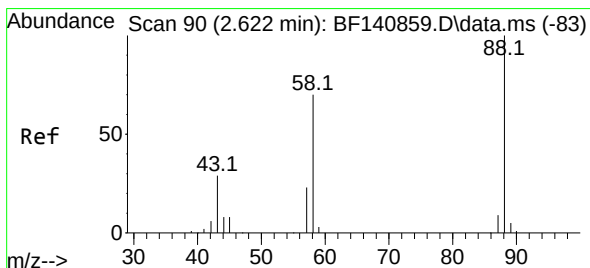
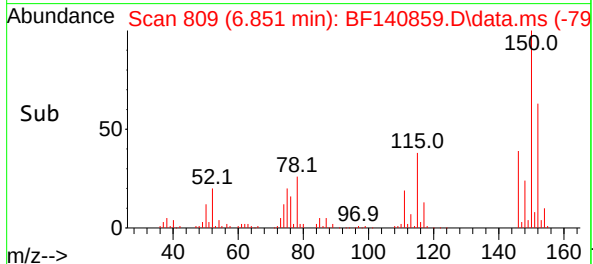
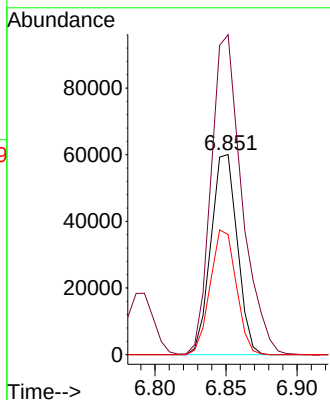
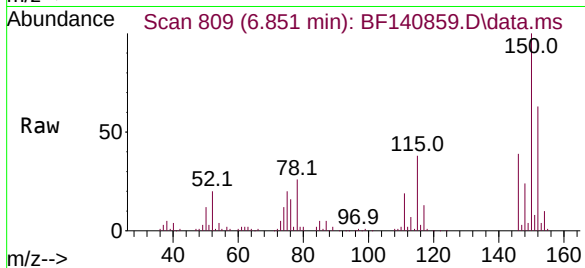
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

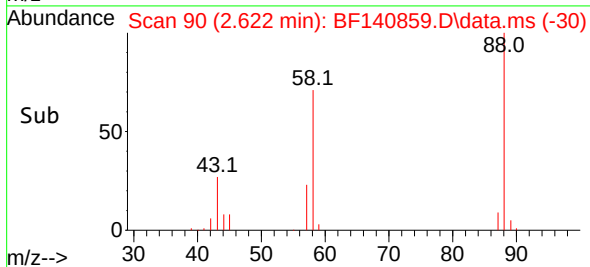
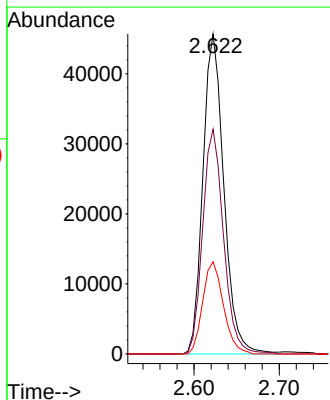
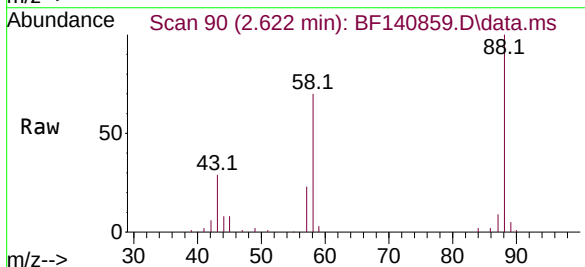
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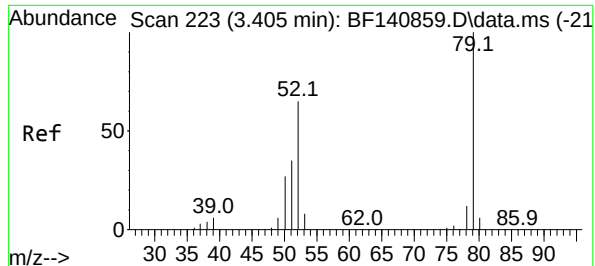
Tgt Ion:152 Resp: 77674
Ion Ratio Lower Upper
152 100
150 159.9 127.9 191.9
115 60.0 48.0 72.0



#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

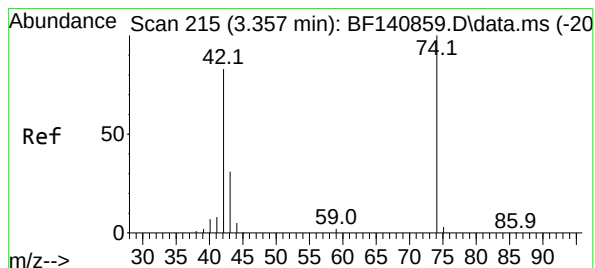
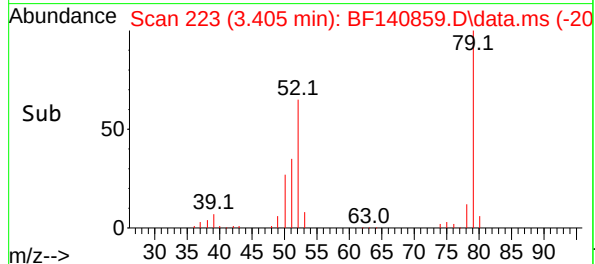
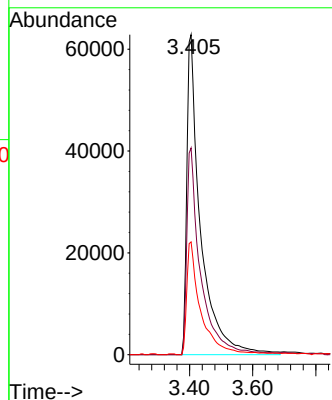
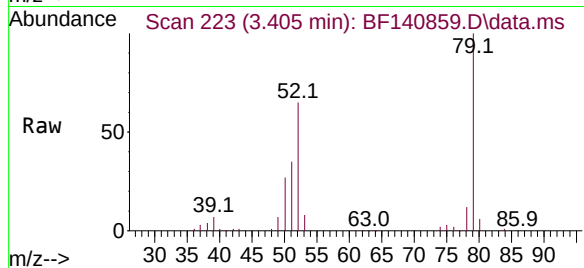
Tgt Ion: 79 Resp: 189803

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

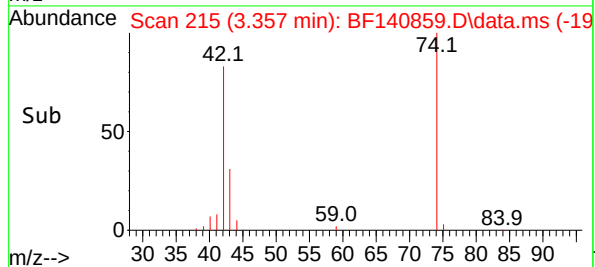
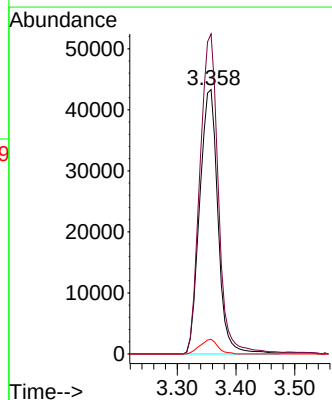
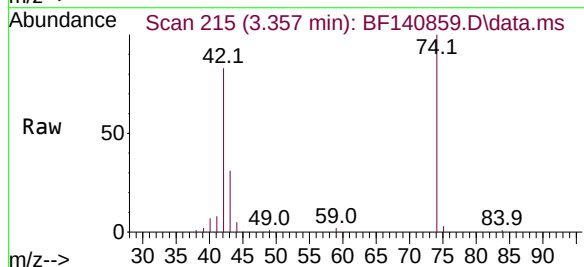
Tgt Ion: 42 Resp: 93747

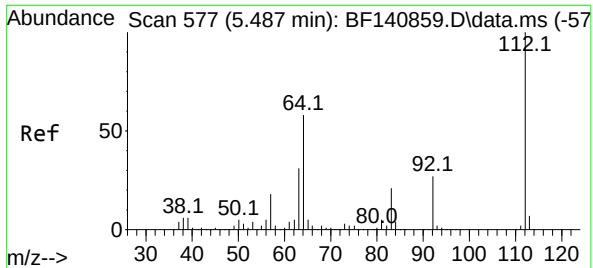
Ion Ratio Lower Upper

42 100

74 121.1 96.9 145.3

44 5.5 4.4 6.6

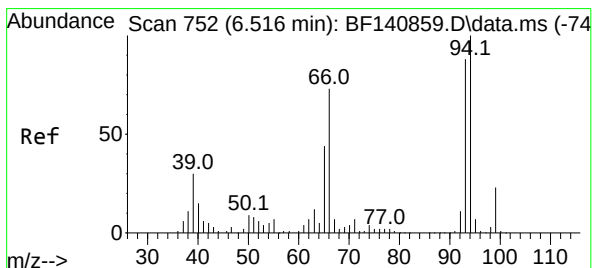
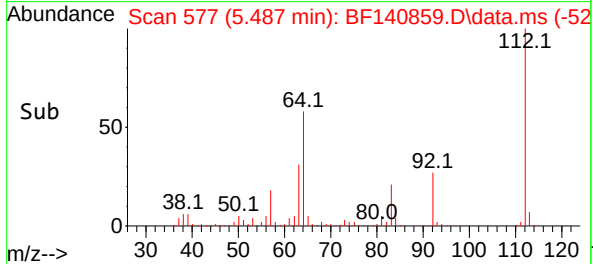
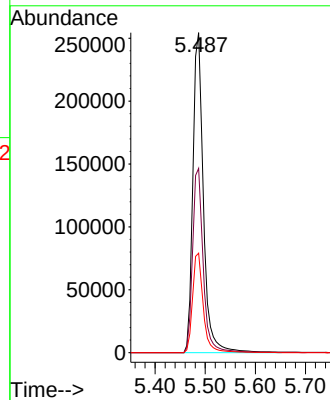
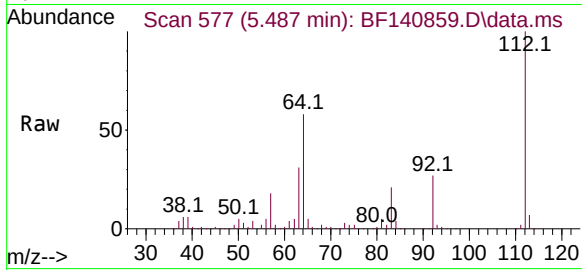




#5
2-Fluorophenol
Concen: 78.982 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

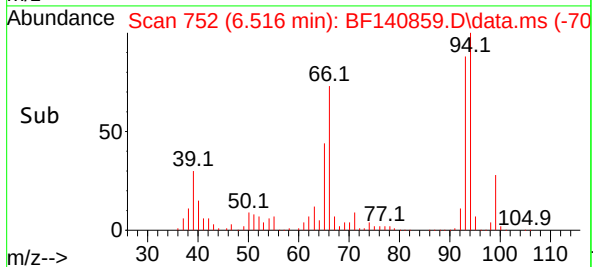
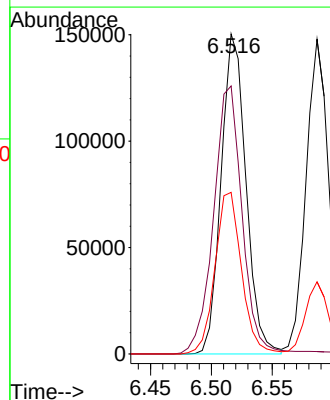
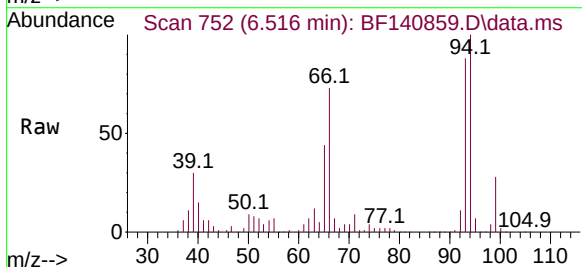
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ClientSampleId :
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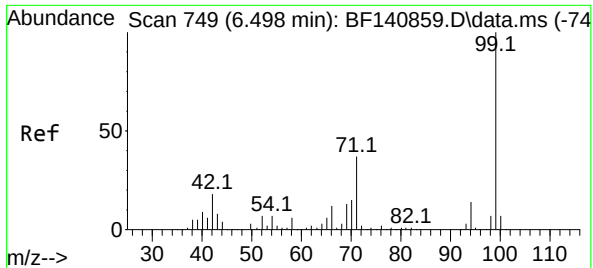
Tgt Ion:112 Resp: 372670
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 31.1 24.9 37.3



#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

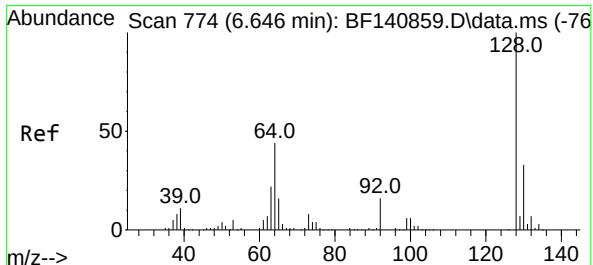
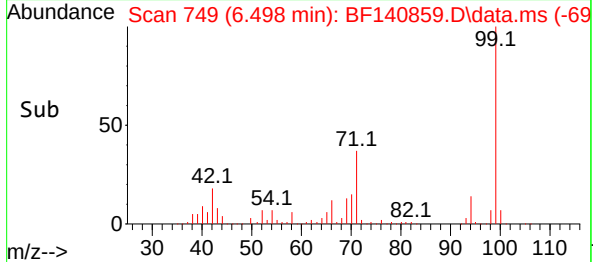
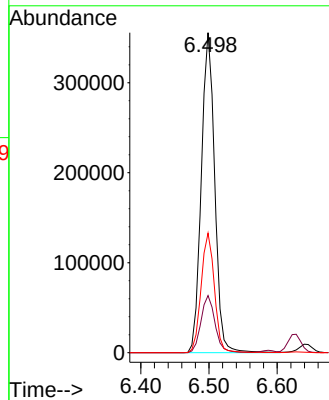
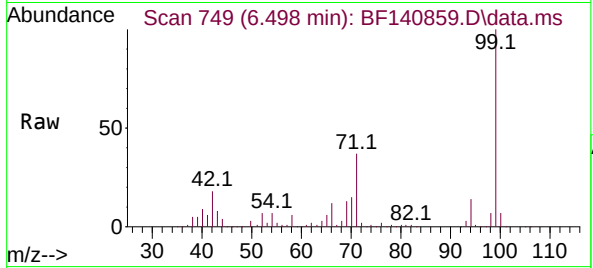




#7
Phenol-d6
Concen: 77.902 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

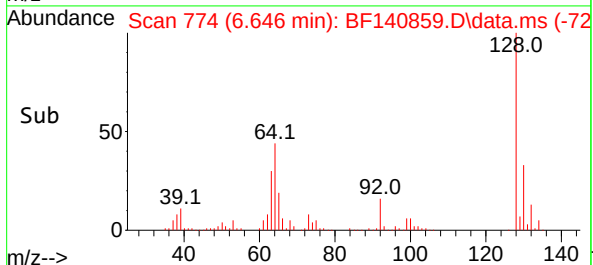
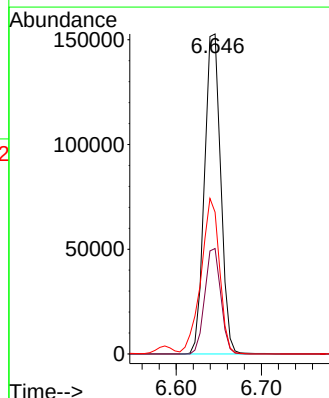
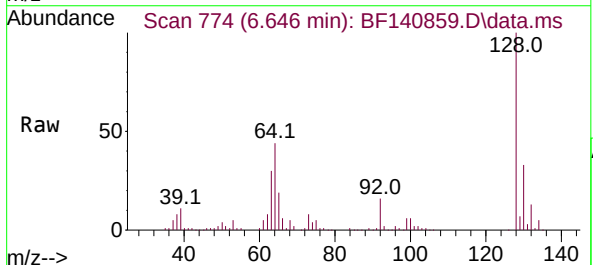
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ClientSampleId :
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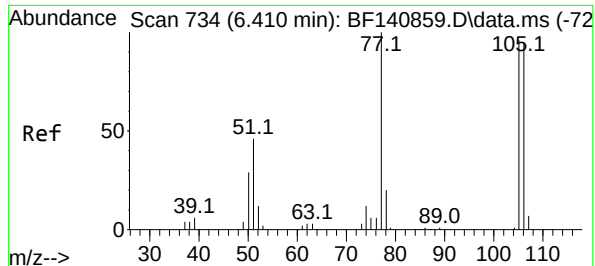
Tgt Ion: 99 Resp: 486855
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 37.4 29.9 44.9



#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# 734

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

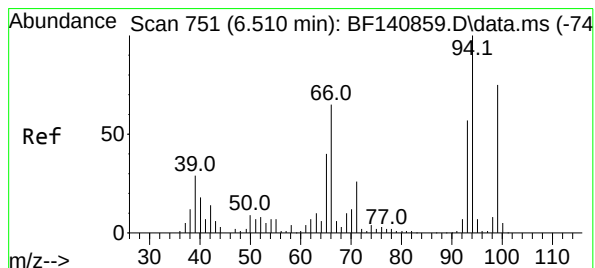
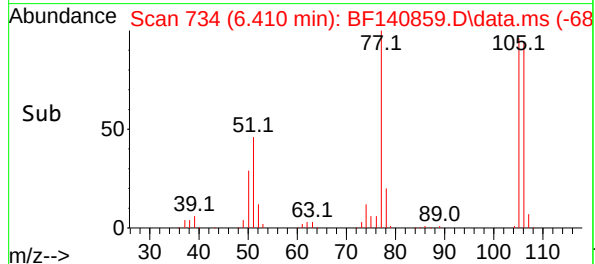
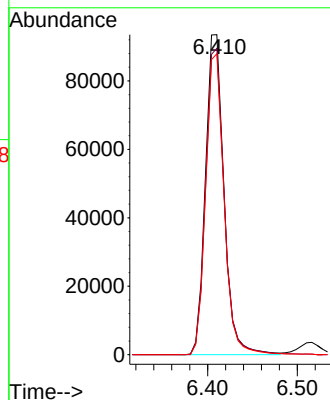
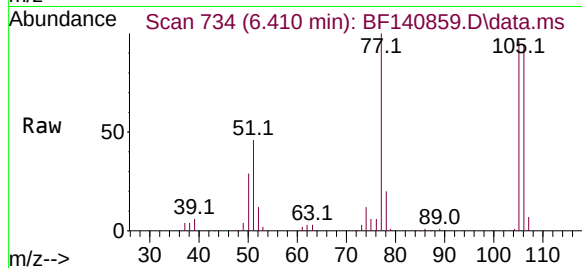
Tgt Ion: 77 Resp: 134222

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

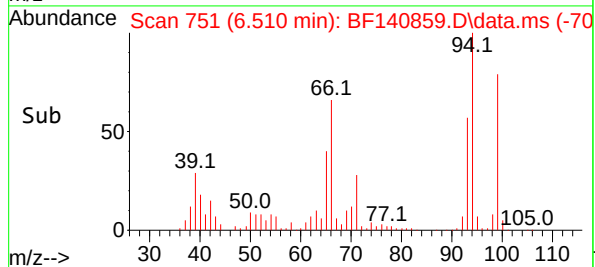
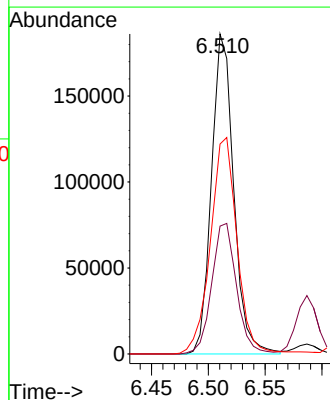
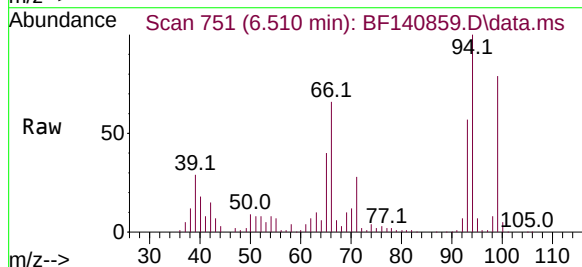
Tgt Ion: 94 Resp: 253259

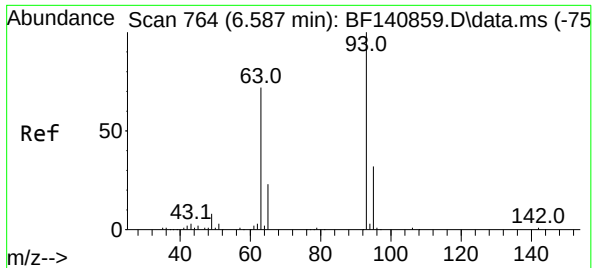
Ion Ratio Lower Upper

94 100

65 39.9 19.9 59.9

66 65.6 45.6 85.6

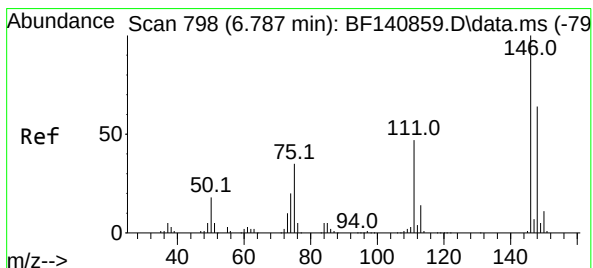
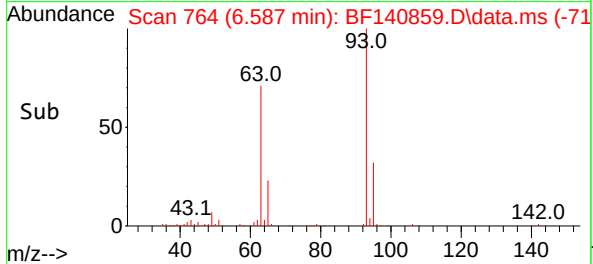
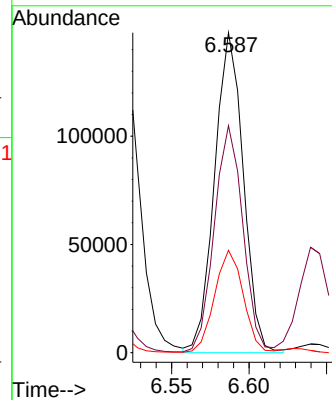
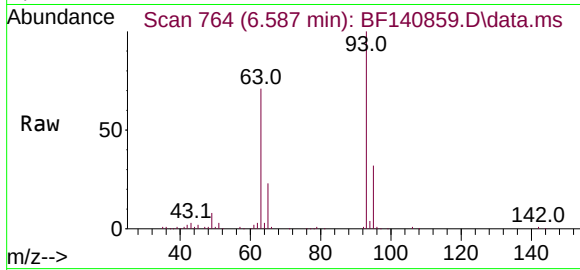




#11
bis(2-Chloroethyl)ether
Concen: 39.459 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

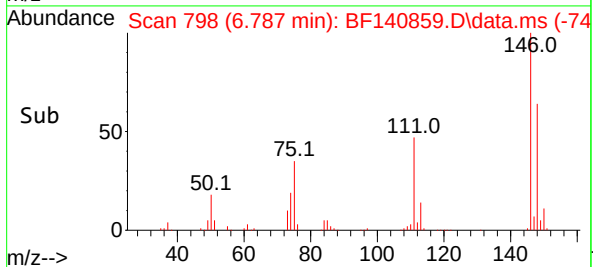
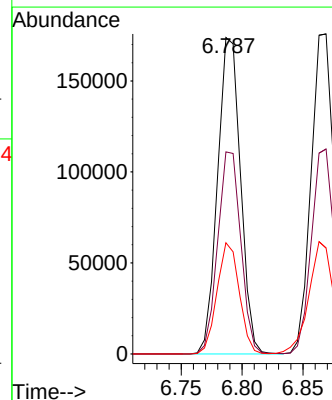
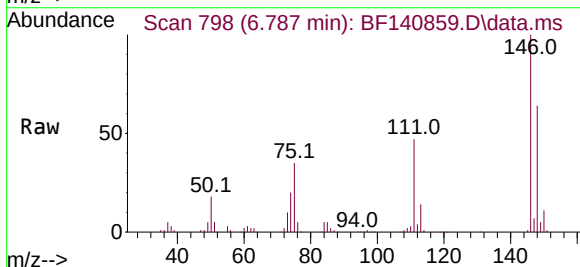
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

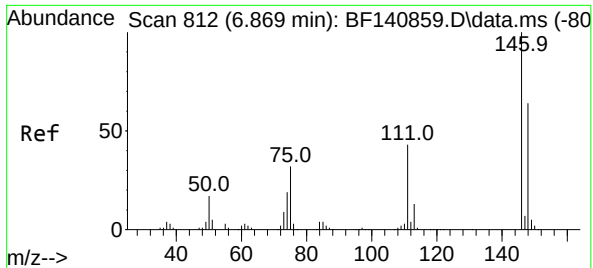
Tgt Ion: 93 Resp: 190608
Ion Ratio Lower Upper
93 100
63 71.0 51.0 91.0
95 32.0 12.0 52.0



#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

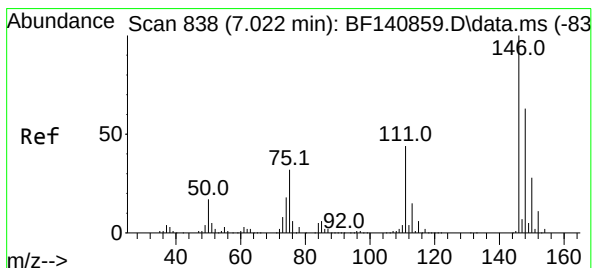
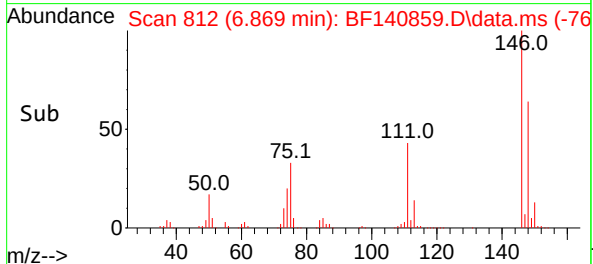
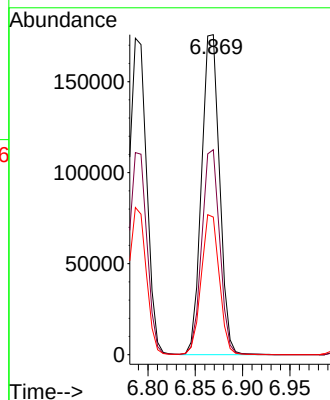
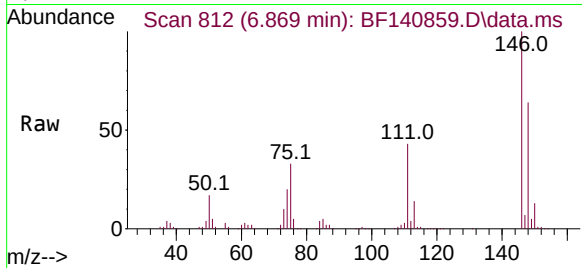
Tgt Ion:146 Resp: 232493

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

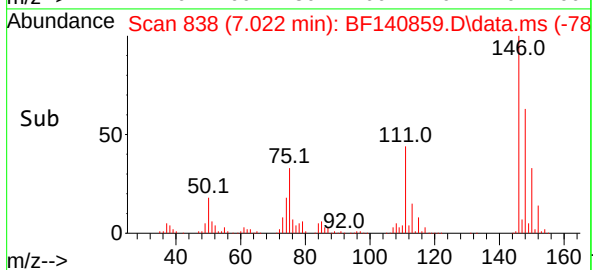
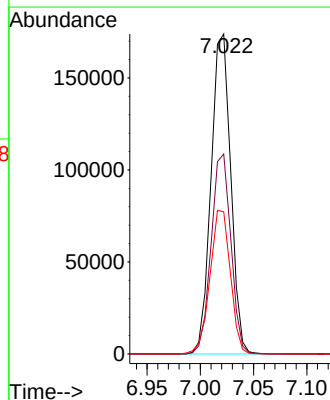
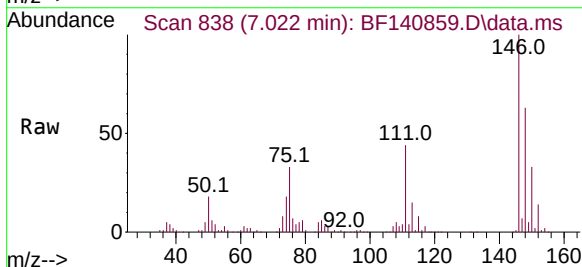
Tgt Ion:146 Resp: 223134

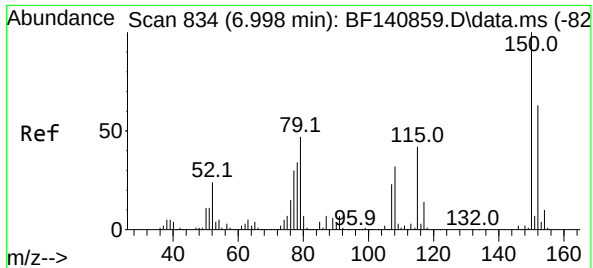
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 44.5 35.6 53.4

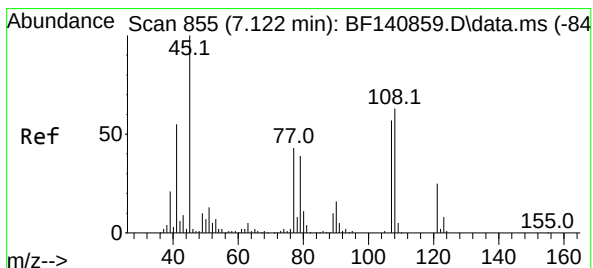
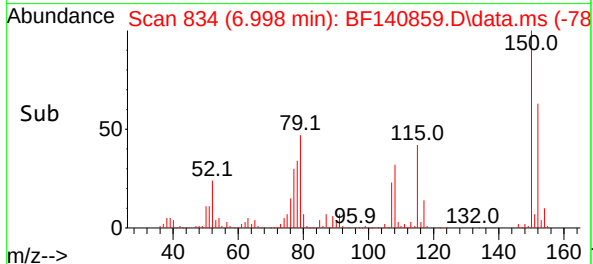
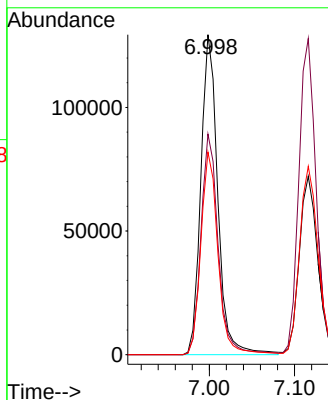
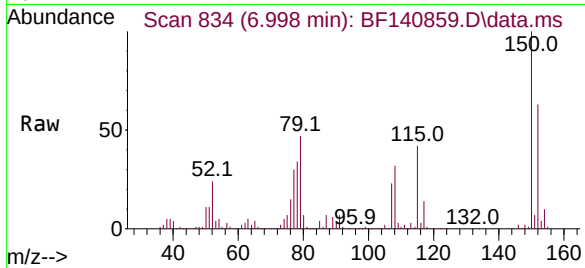




#15
Benzyl Alcohol
Concen: 39.968 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

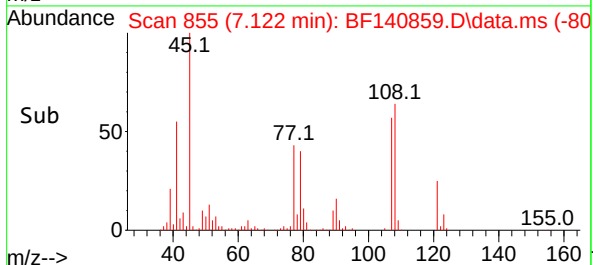
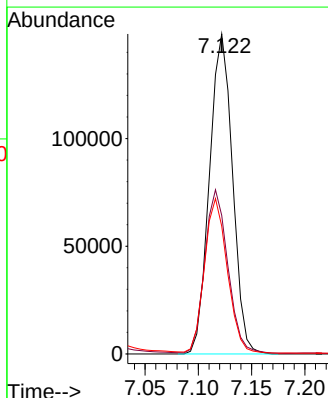
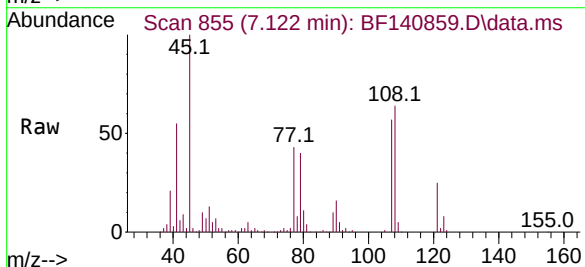
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

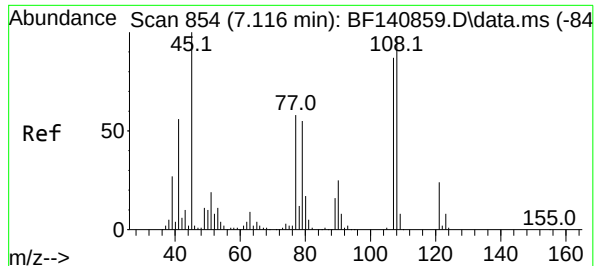
Tgt Ion: 79 Resp: 178597
Ion Ratio Lower Upper
79 100
108 68.9 55.1 82.7
77 63.3 50.6 76.0



#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

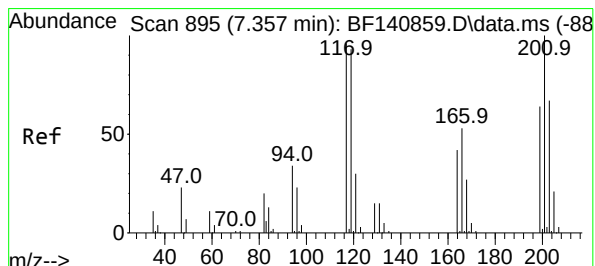
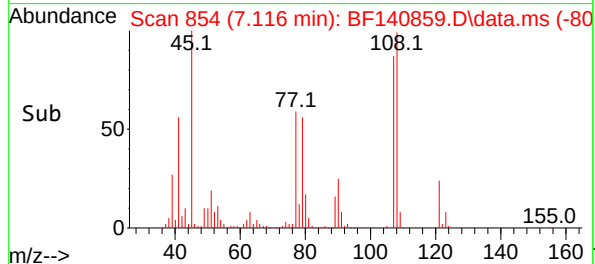
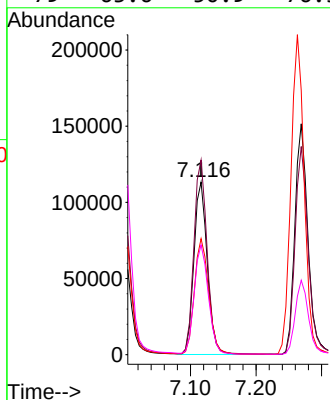
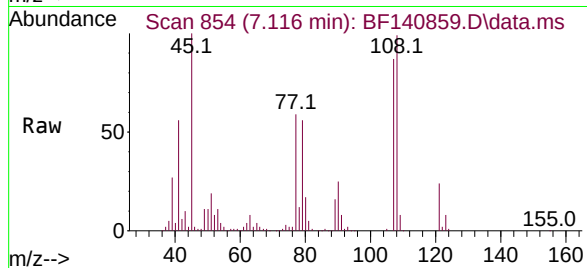




#17
2-Methylphenol
Concen: 39.284 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

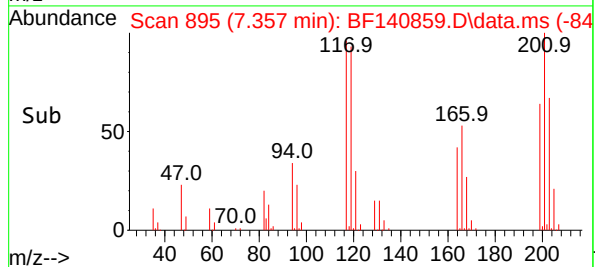
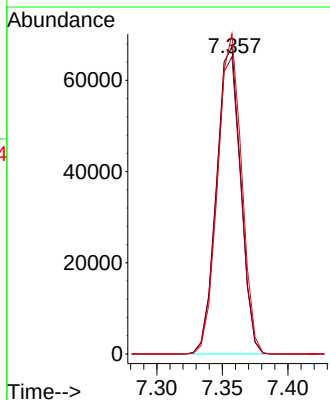
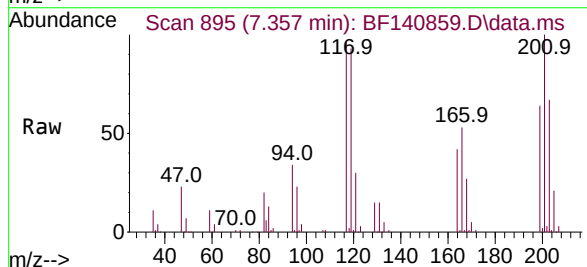
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

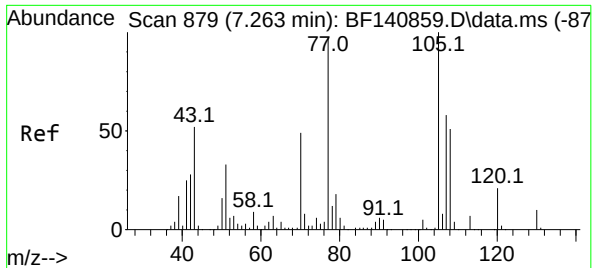
Tgt Ion:107 Resp: 161380
Ion Ratio Lower Upper
107 100
108 112.8 90.2 135.4
77 67.2 53.8 80.6
79 63.6 50.9 76.3



#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

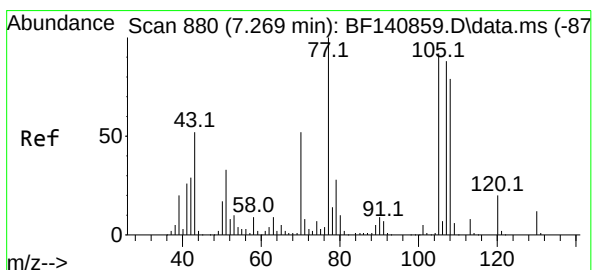
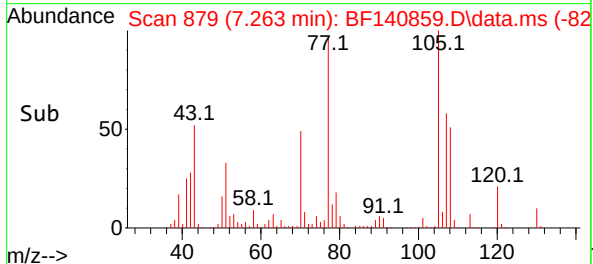
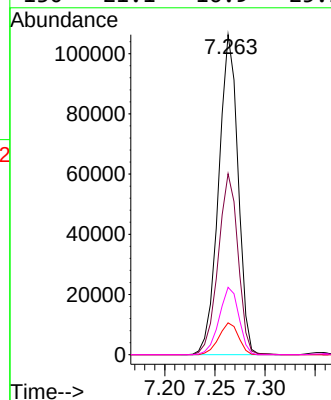
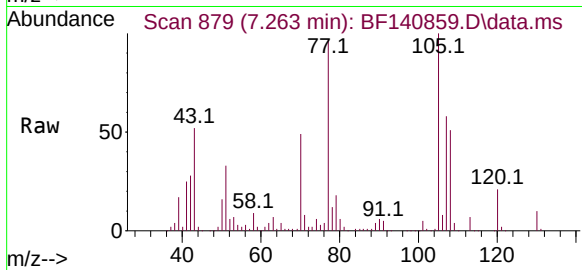
Ion Ratio Lower Upper

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

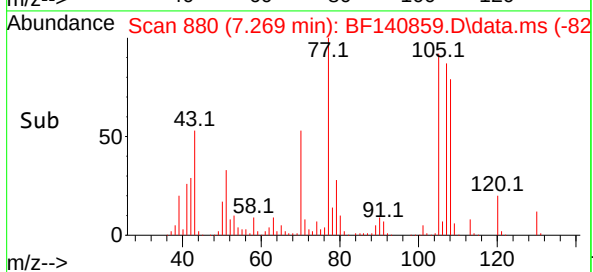
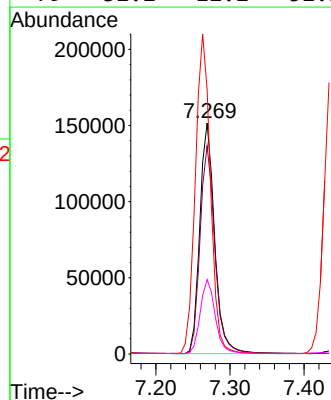
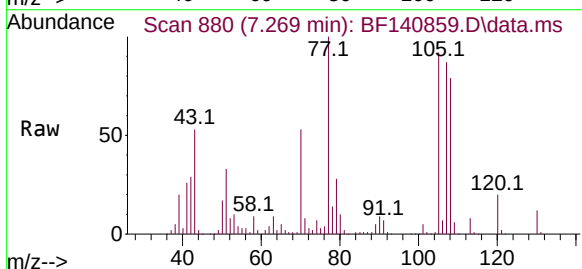
Ion Ratio Lower Upper

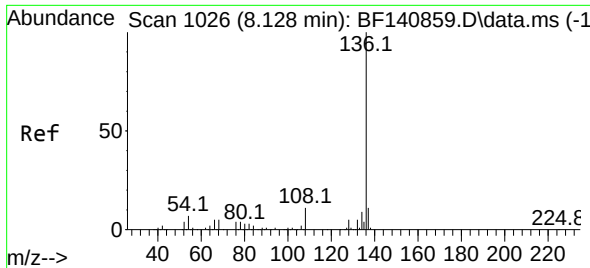
107 100

108 90.1 70.1 110.1

77 114.4 94.4 134.4

79 32.2 12.2 52.2

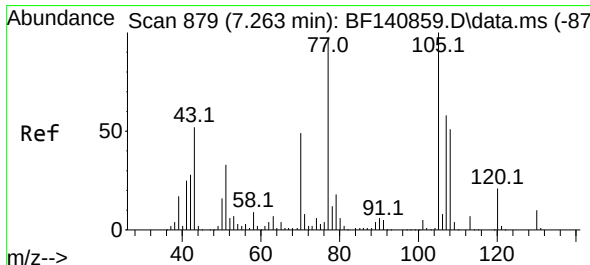
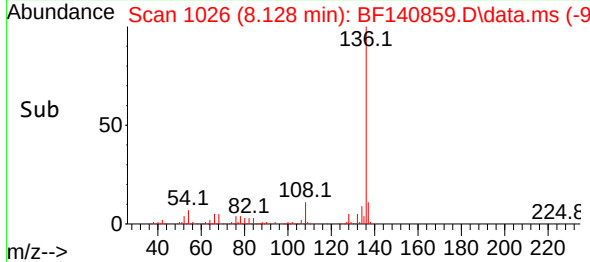
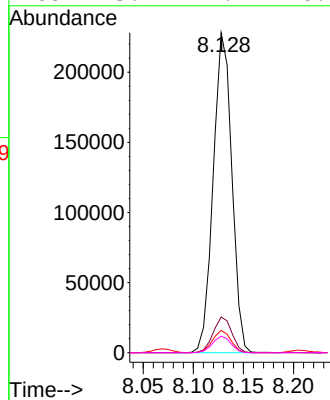
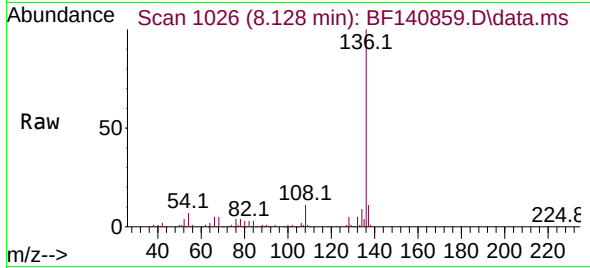




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

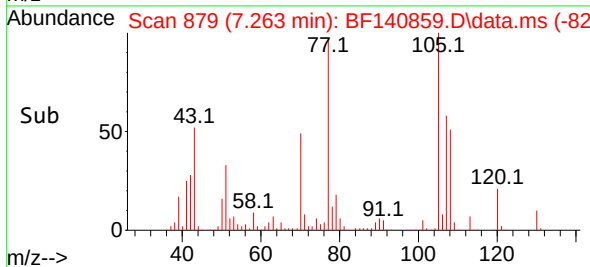
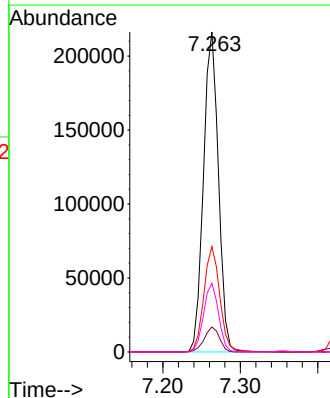
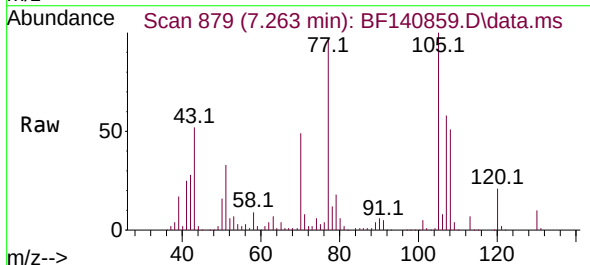
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

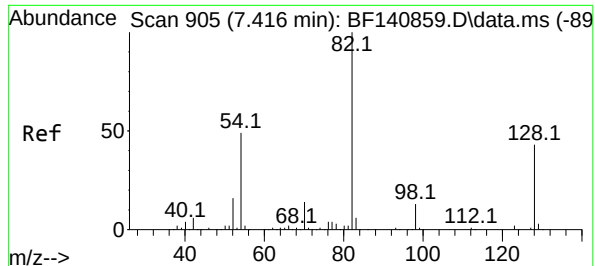
Tgt Ion:136 Resp: 293537
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.0 5.6 8.4
68 5.2 4.2 6.2



#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

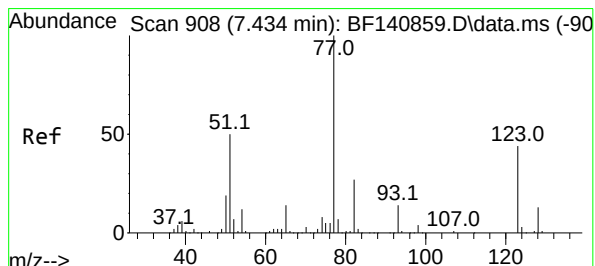
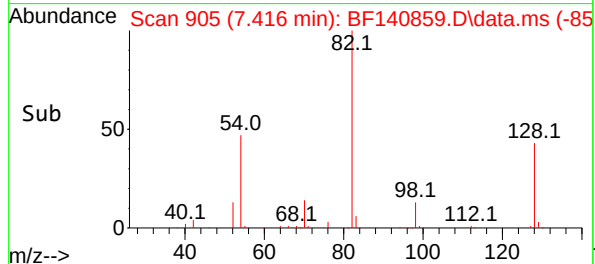
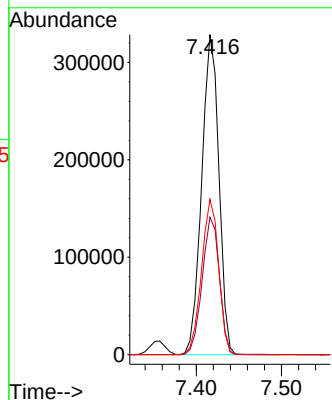
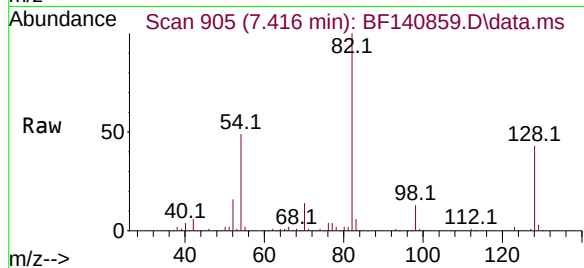
Tgt Ion: 82 Resp: 461011

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

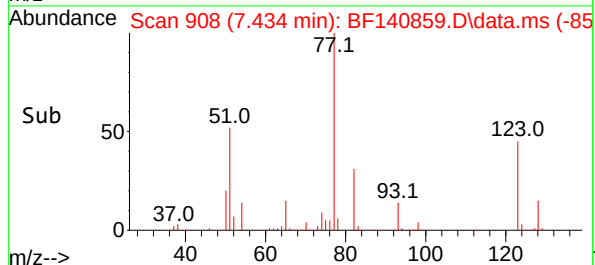
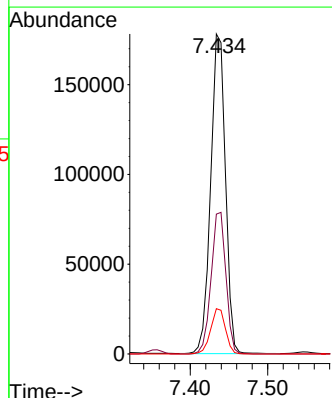
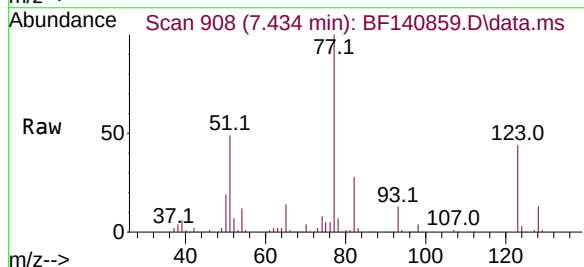
Tgt Ion: 77 Resp: 235847

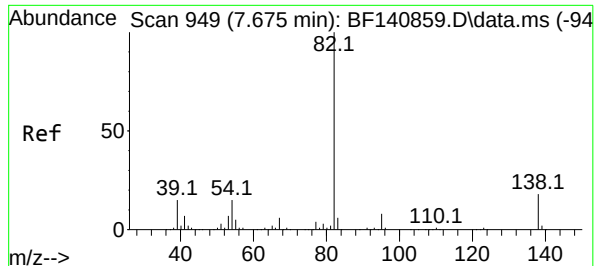
Ion Ratio Lower Upper

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

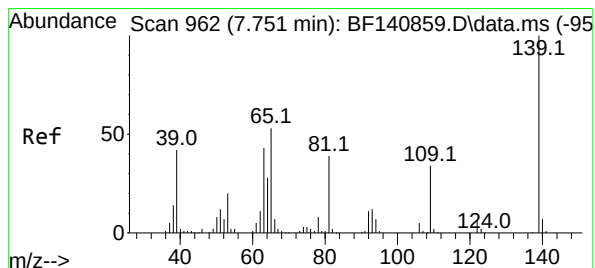
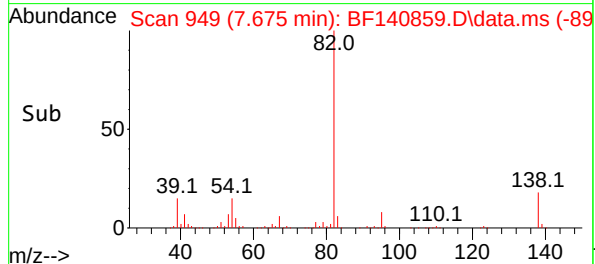
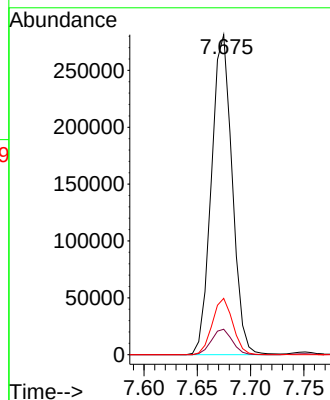
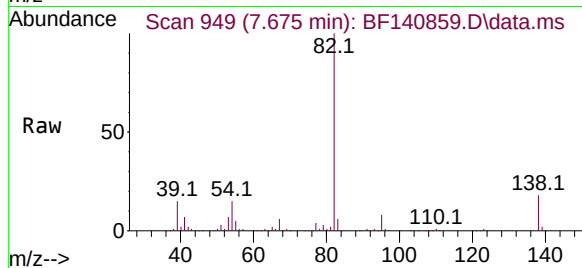
Tgt Ion: 82 Resp: 381938

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

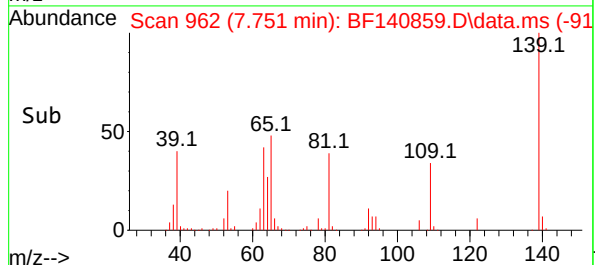
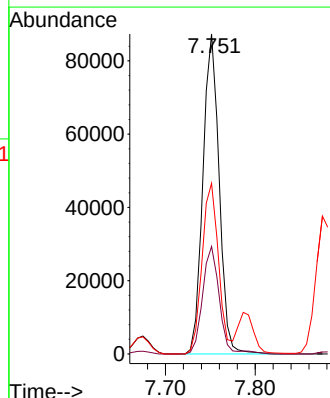
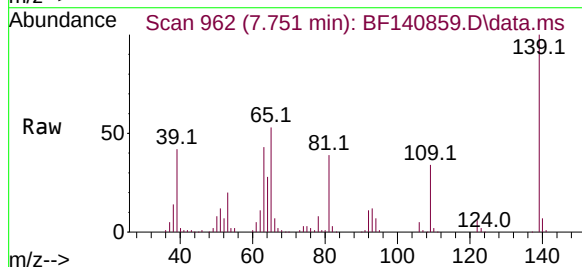
Tgt Ion:139 Resp: 109806

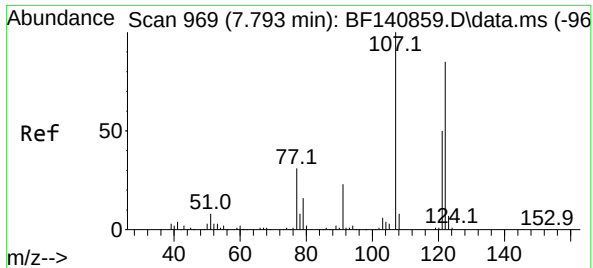
Ion Ratio Lower Upper

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# 90

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

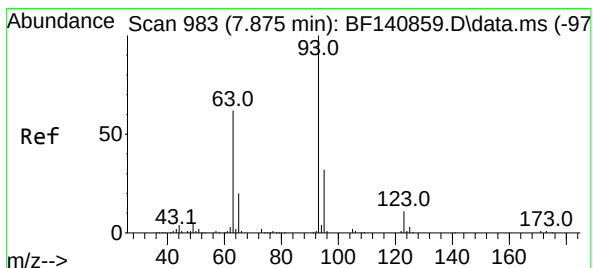
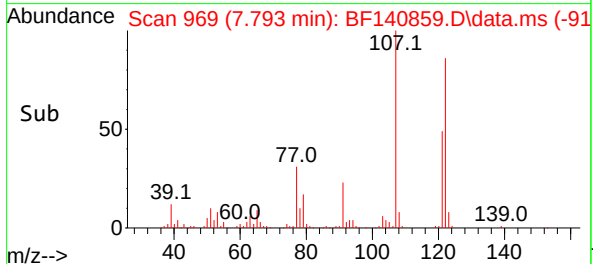
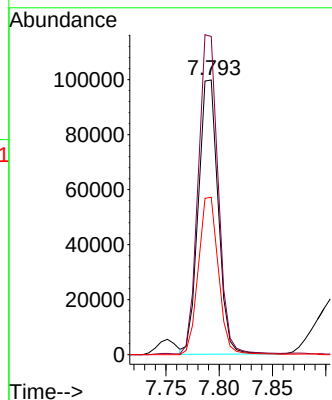
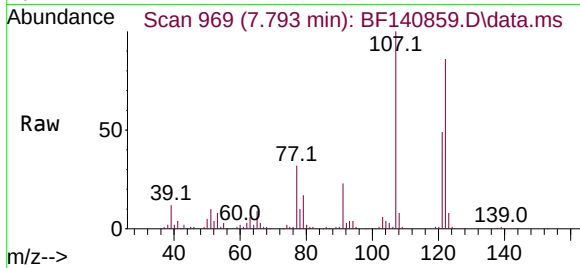
Tgt Ion:122 Resp: 128970

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

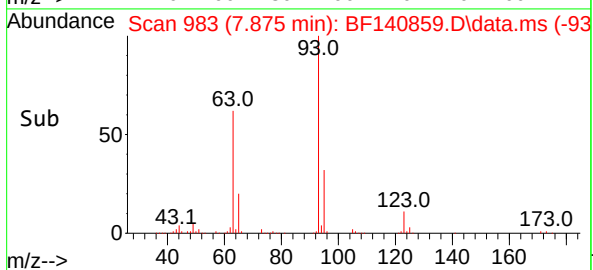
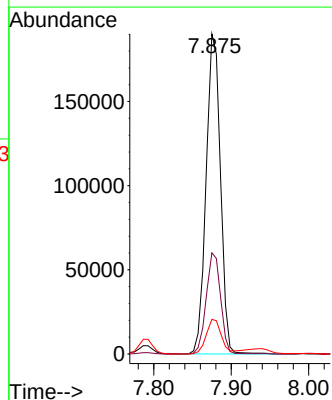
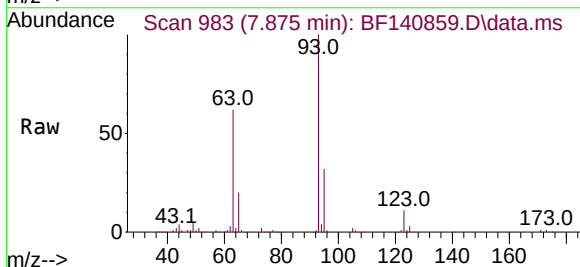
Tgt Ion: 93 Resp: 244652

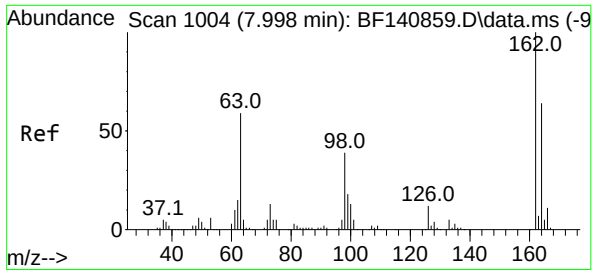
Ion Ratio Lower Upper

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

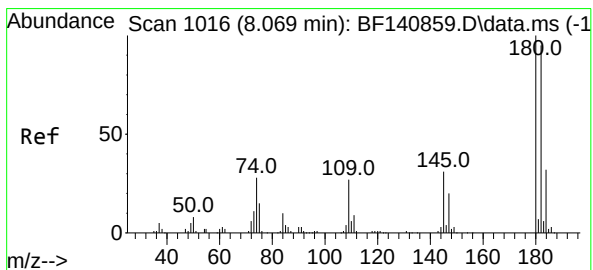
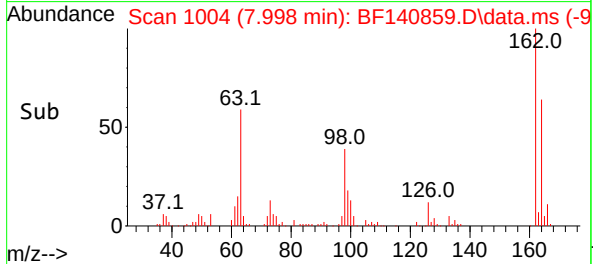
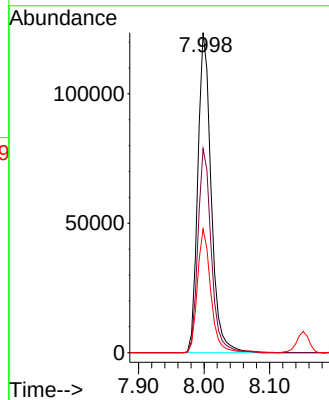
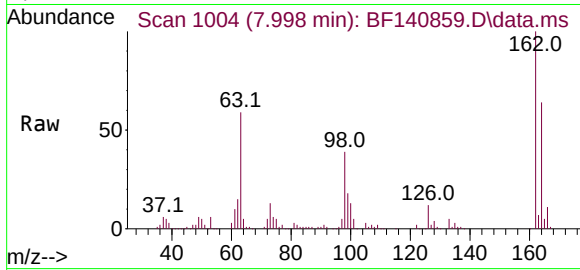
Tgt Ion:162 Resp: 175409

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

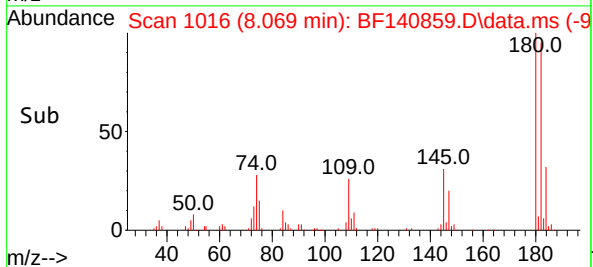
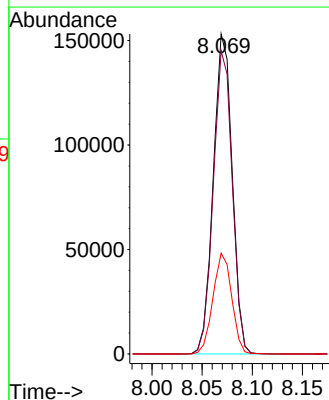
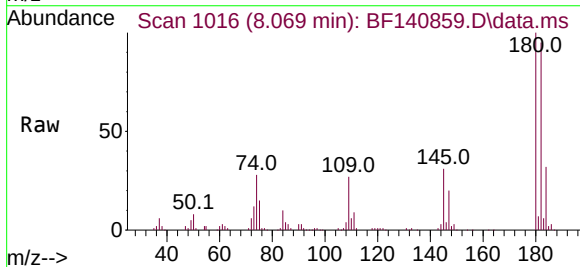
Tgt Ion:180 Resp: 200471

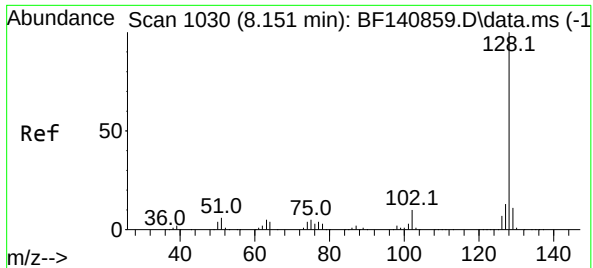
Ion Ratio Lower Upper

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

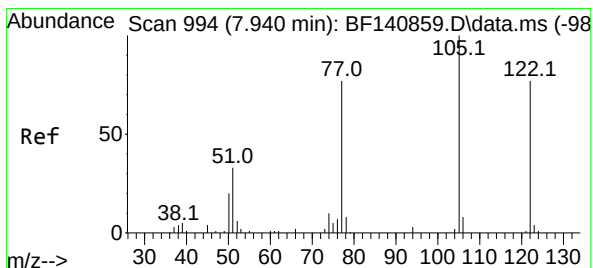
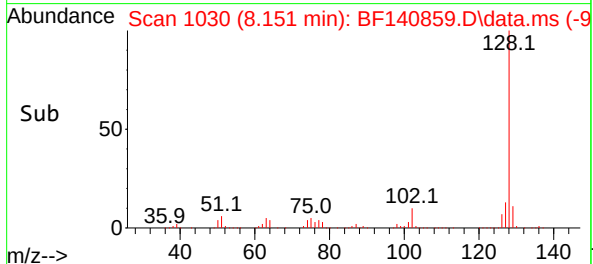
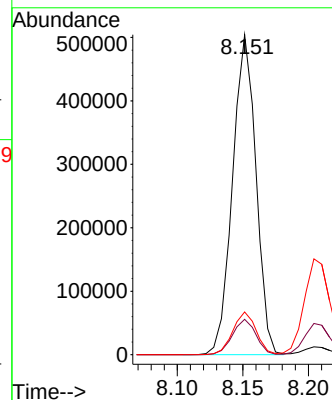
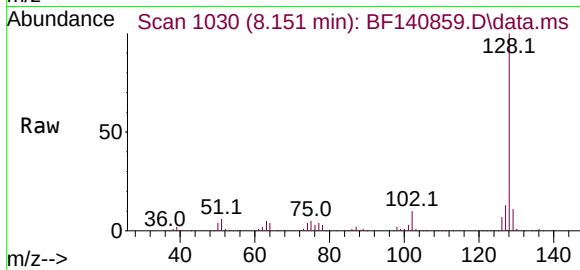
Tgt Ion:128 Resp: 626585

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

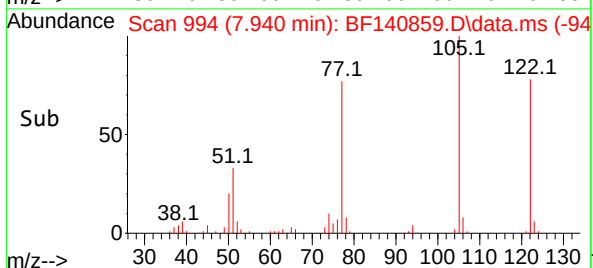
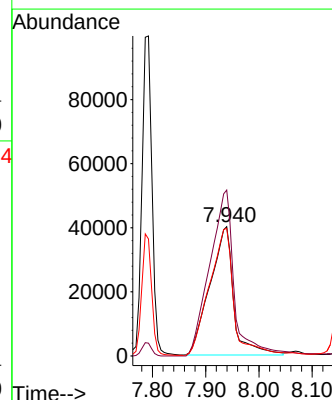
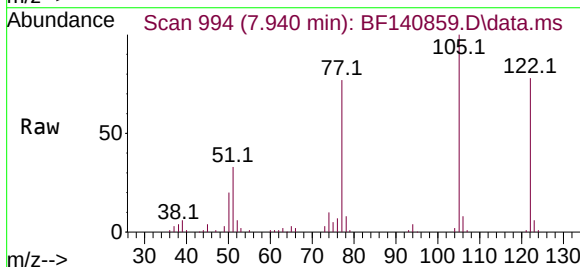
Tgt Ion:122 Resp: 124210

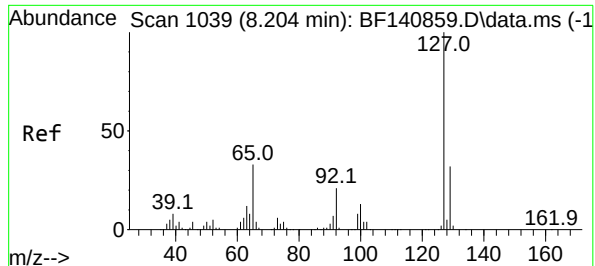
Ion Ratio Lower Upper

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

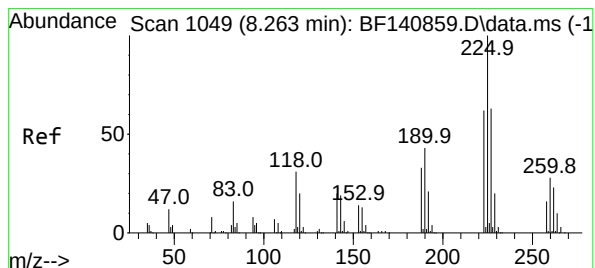
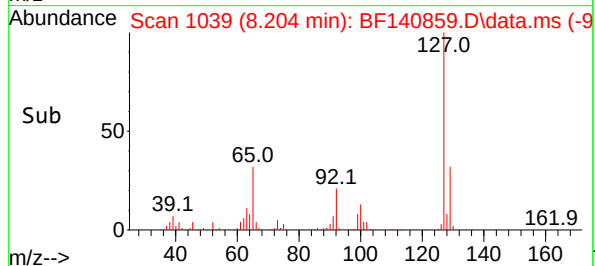
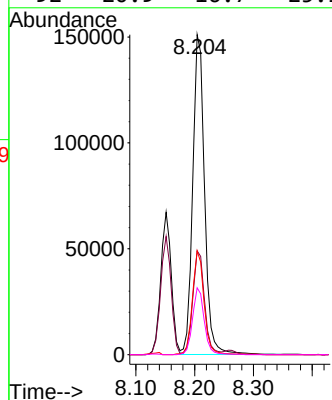
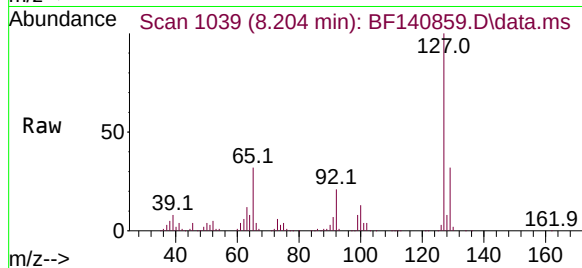
Ion Ratio Lower Upper

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

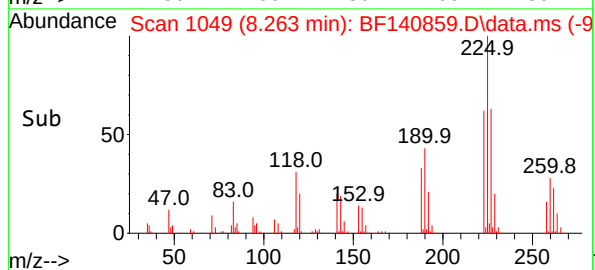
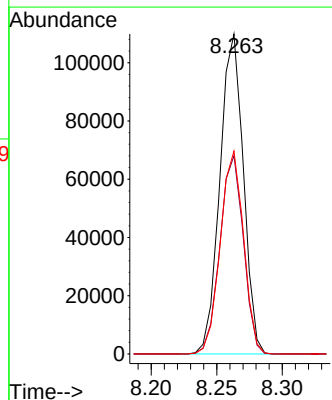
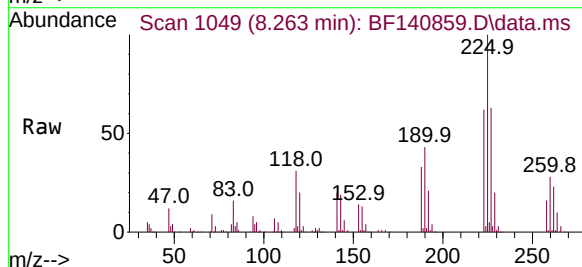
Tgt Ion:225 Resp: 136482

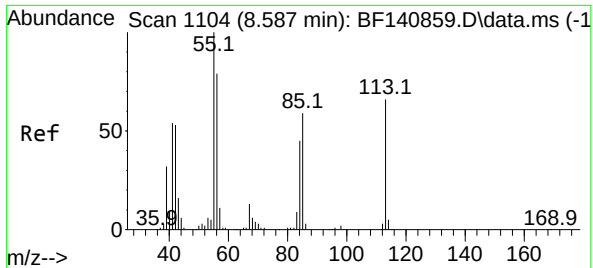
Ion Ratio Lower Upper

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

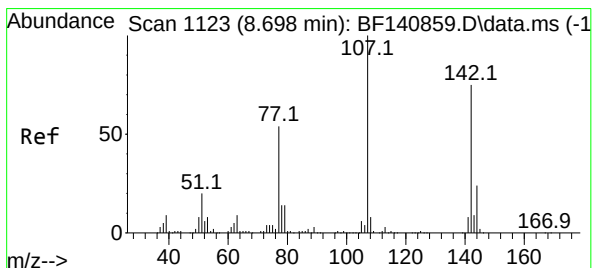
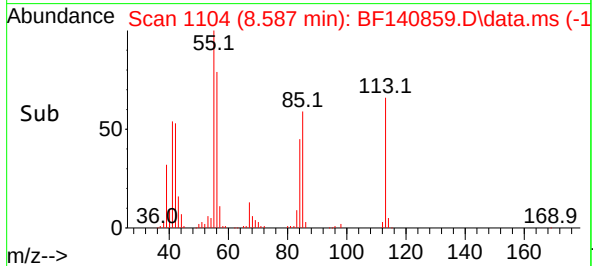
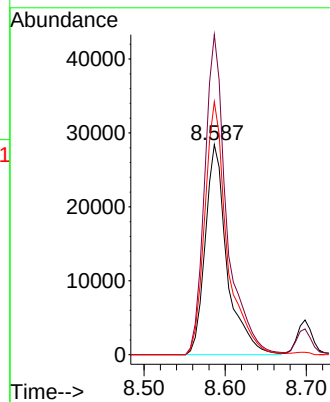
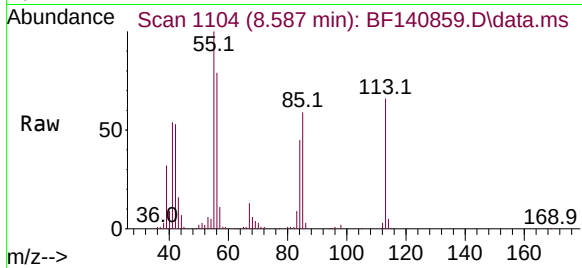
Tgt Ion:113 Resp: 53059

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

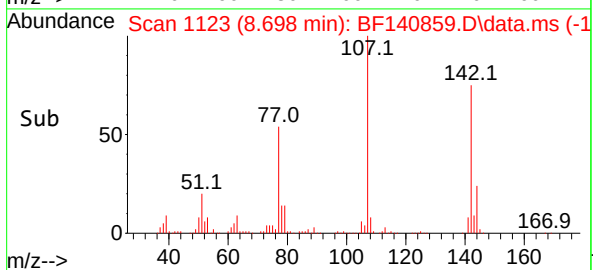
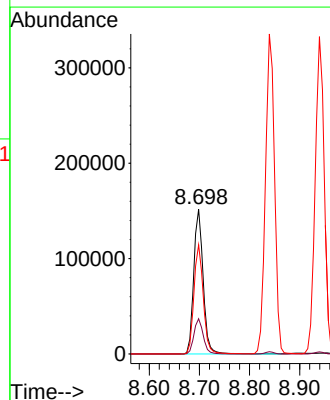
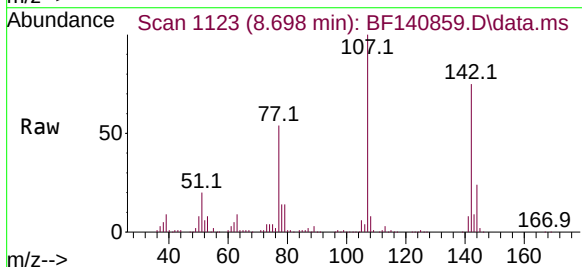
Tgt Ion:107 Resp: 198298

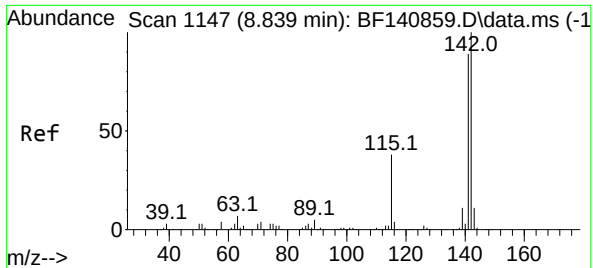
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

142 75.4 60.3 90.5

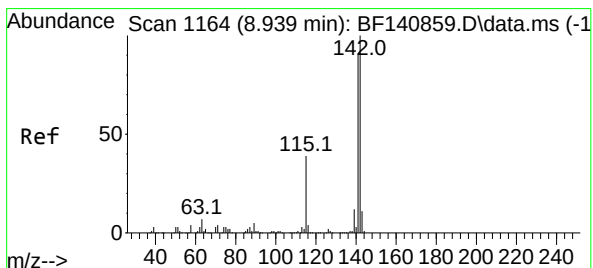
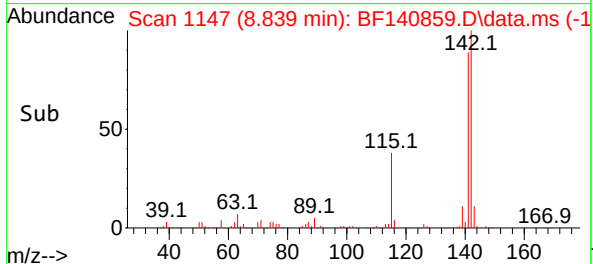
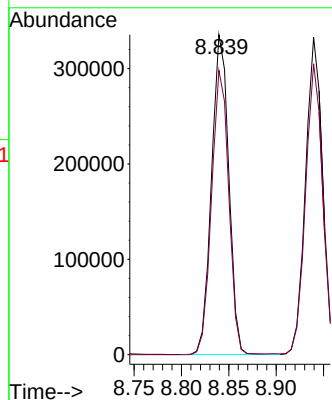
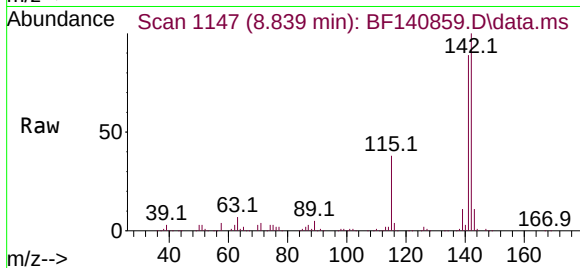




#37
2-Methylnaphthalene
Concen: 39.693 ng
RT: 8.839 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

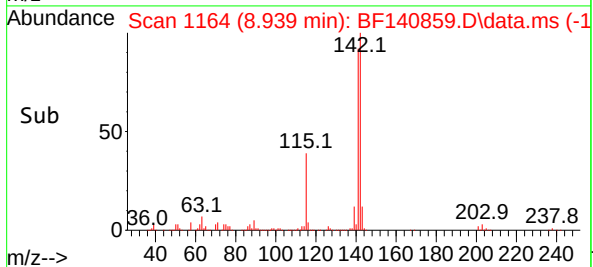
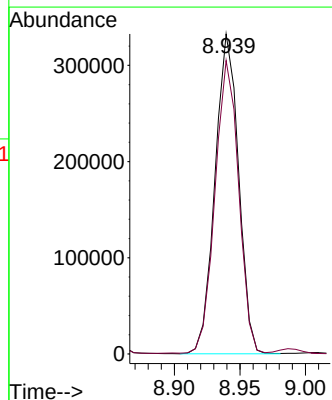
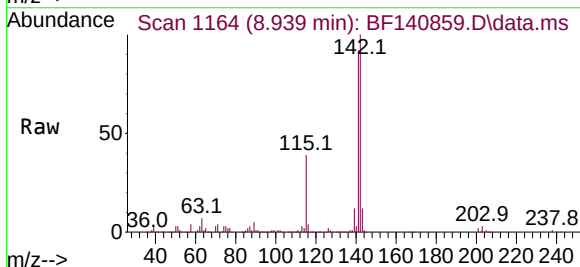
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

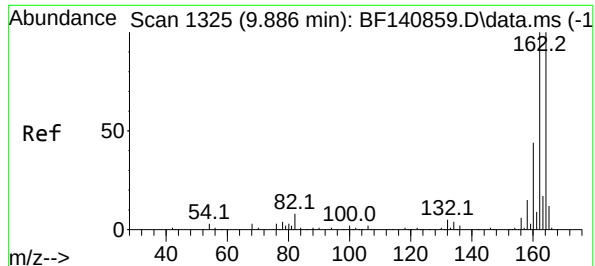
Tgt Ion:142 Resp: 423369
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6



#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# 1176

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

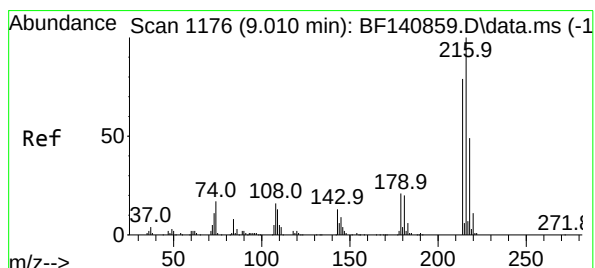
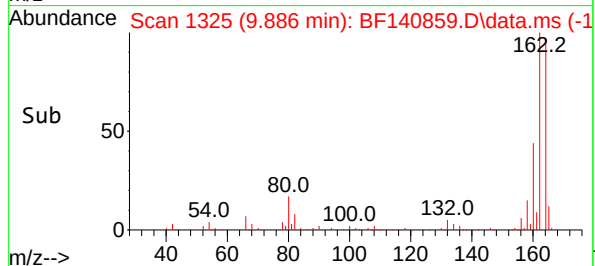
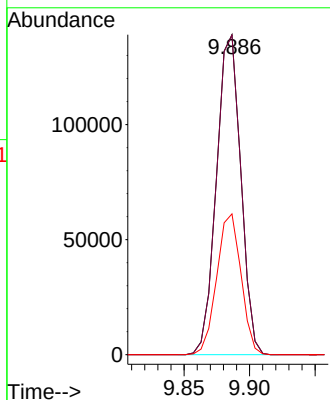
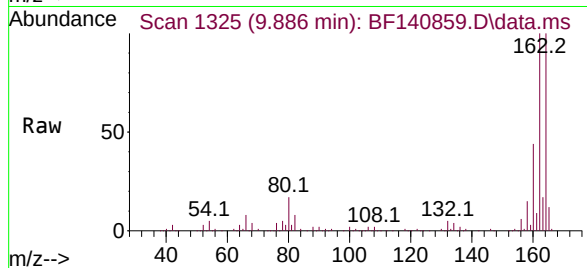
Tgt Ion:164 Resp: 179301

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

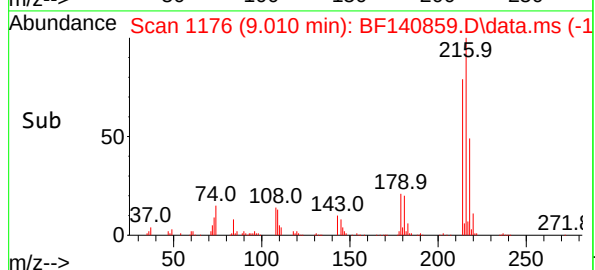
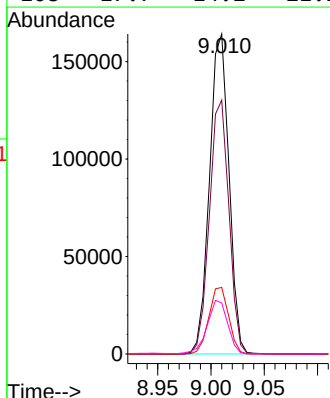
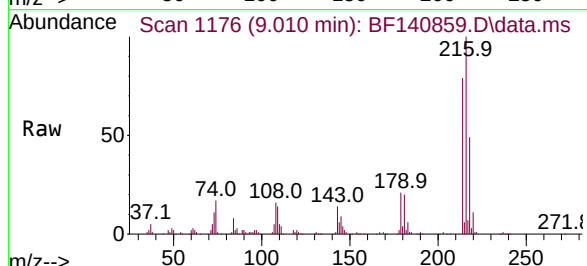
Ion Ratio Lower Upper

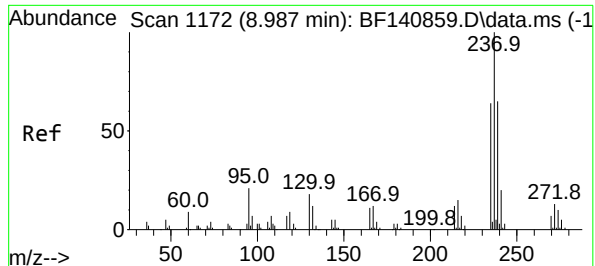
216 100

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

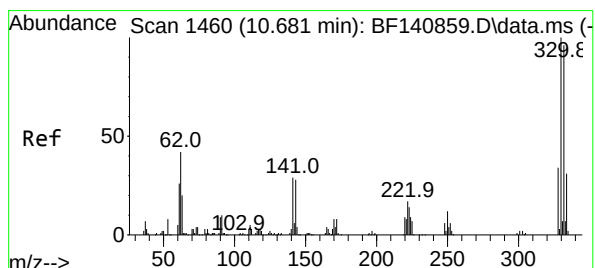
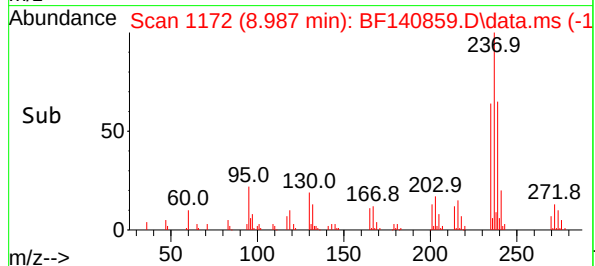
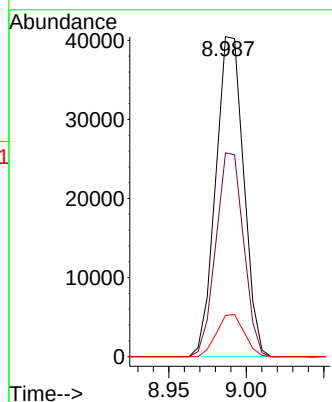
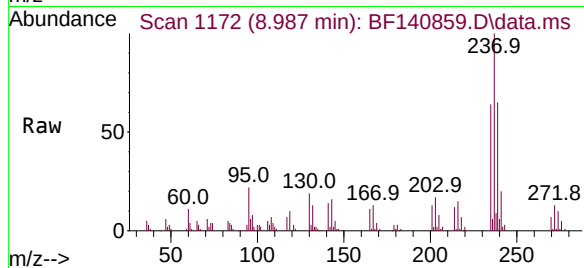
Tgt Ion:237 Resp: 50793

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

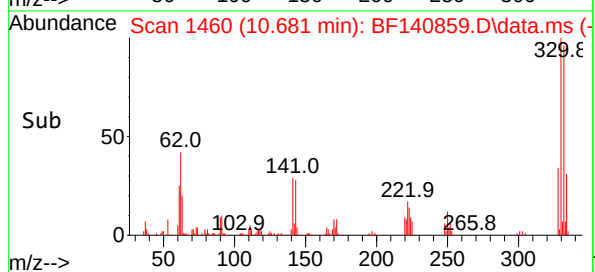
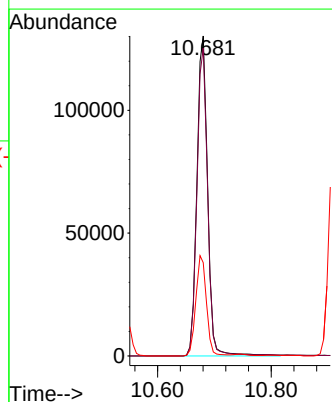
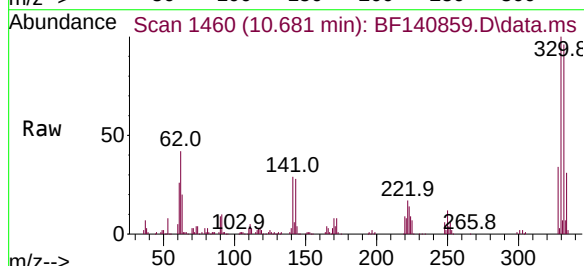
Tgt Ion:330 Resp: 172188

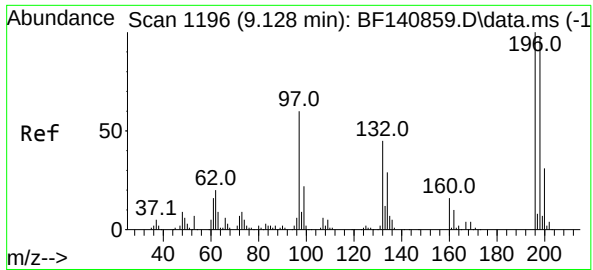
Ion Ratio Lower Upper

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

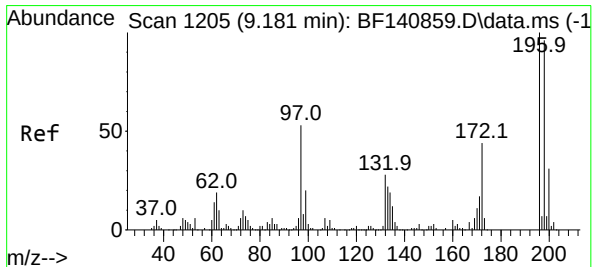
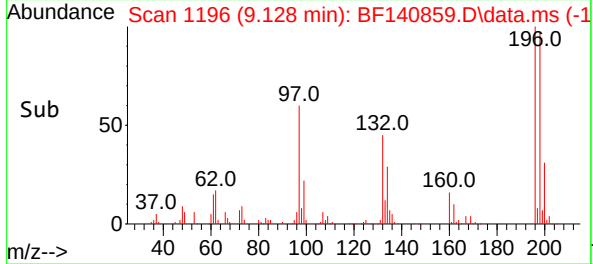
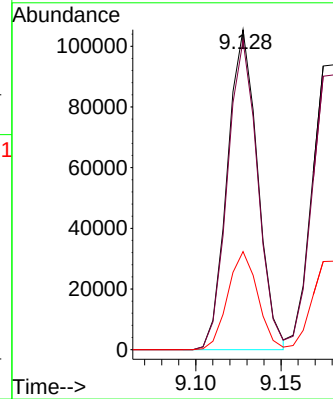
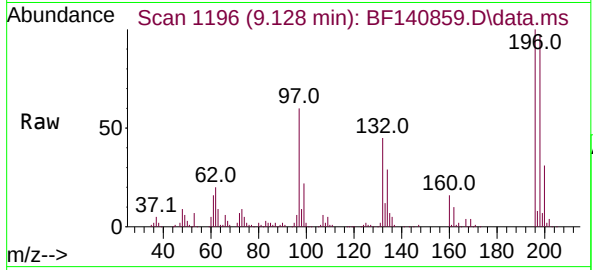
Tgt Ion:196 Resp: 130363

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

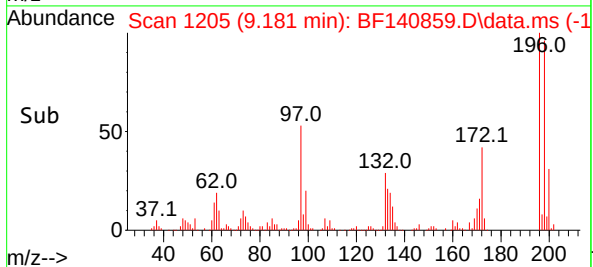
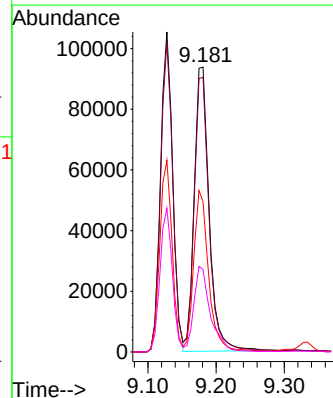
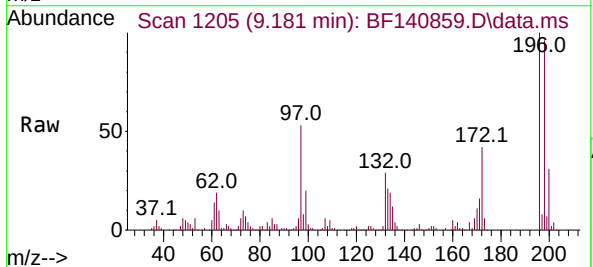
Ion Ratio Lower Upper

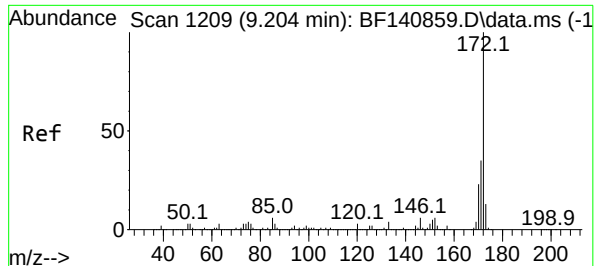
196 100

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

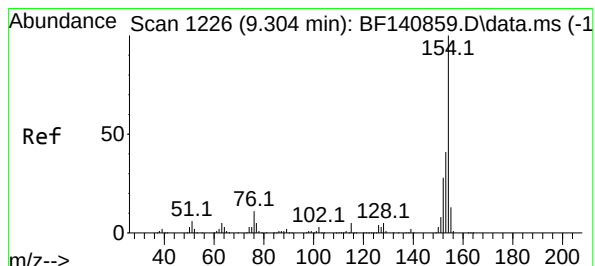
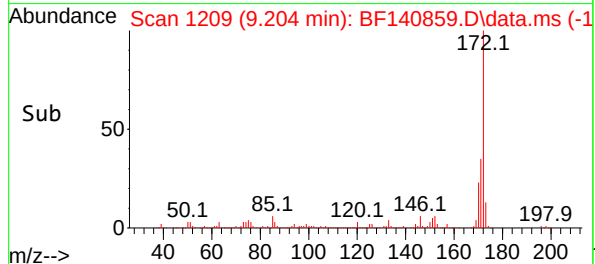
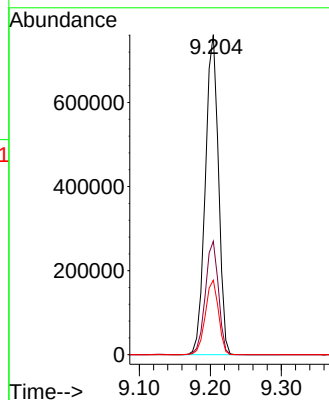
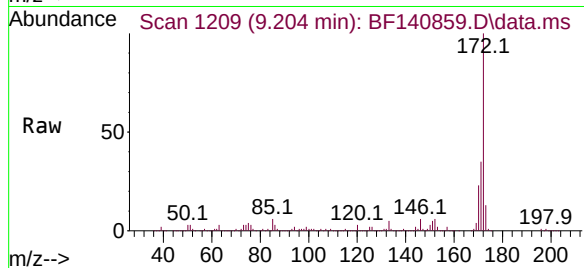
Tgt Ion:172 Resp: 981889

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

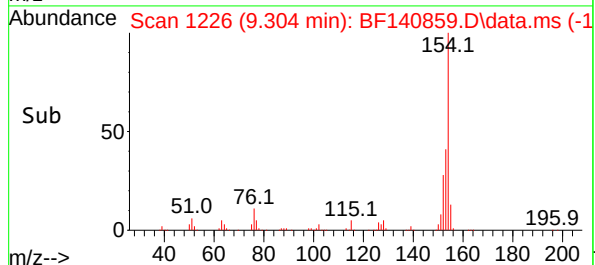
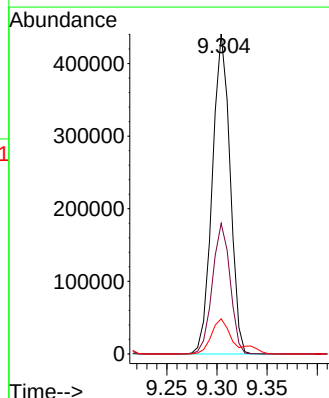
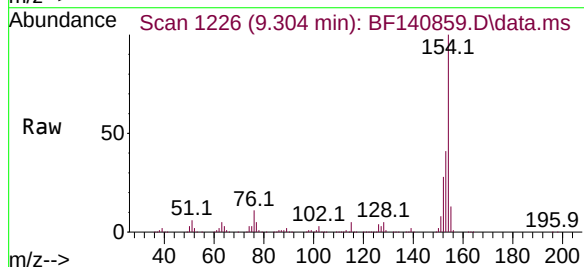
Tgt Ion:154 Resp: 542419

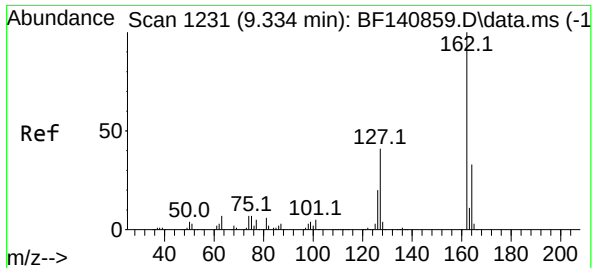
Ion Ratio Lower Upper

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

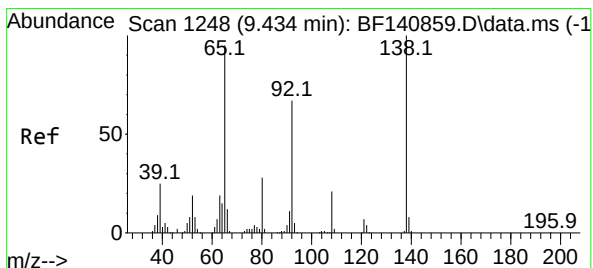
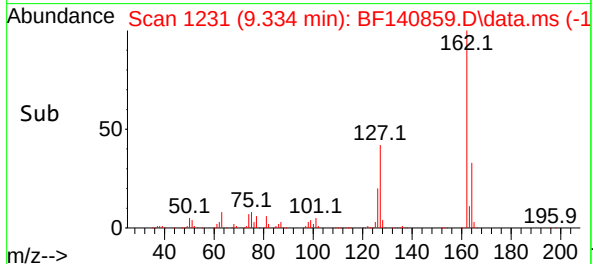
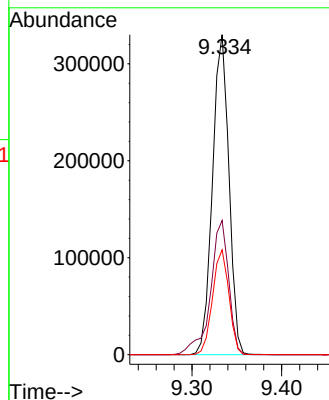
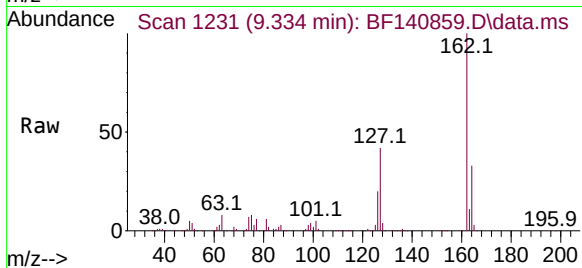
Tgt Ion:162 Resp: 419357

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

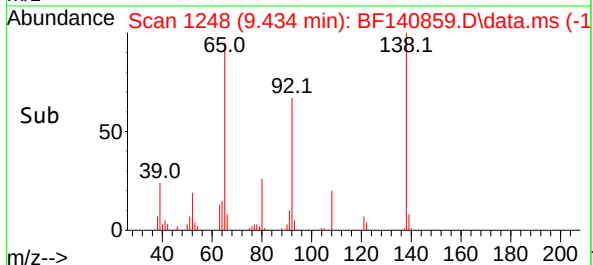
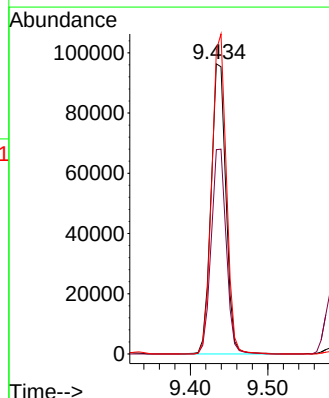
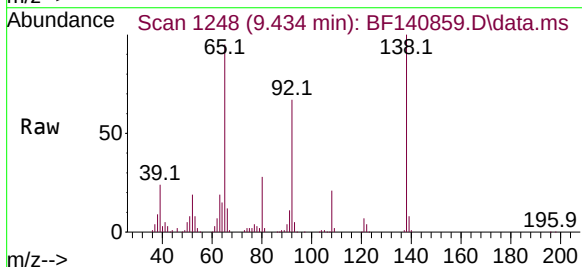
Tgt Ion: 65 Resp: 128421

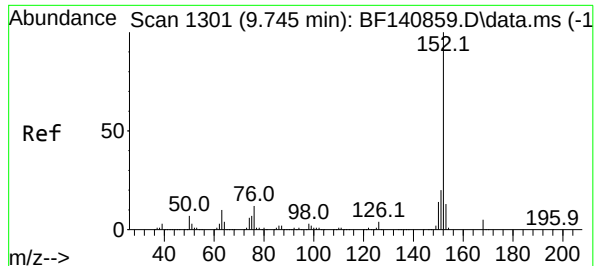
Ion Ratio Lower Upper

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# 1301

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

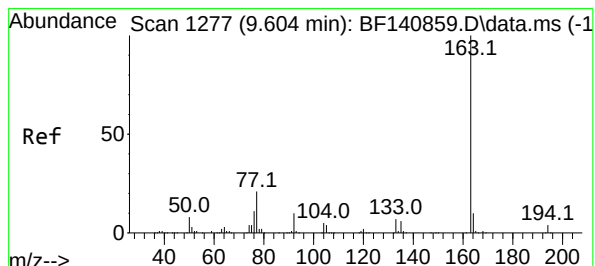
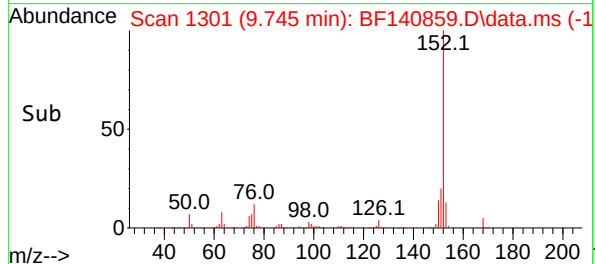
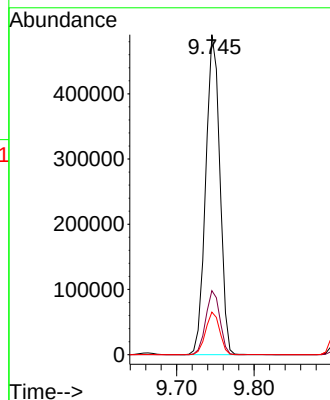
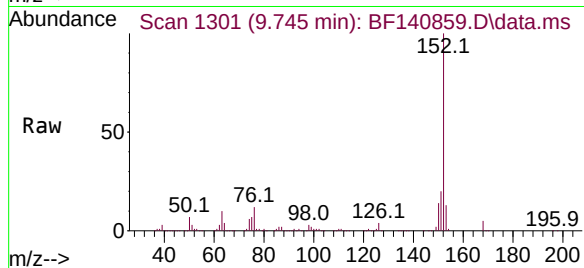
Tgt Ion:152 Resp: 621763

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

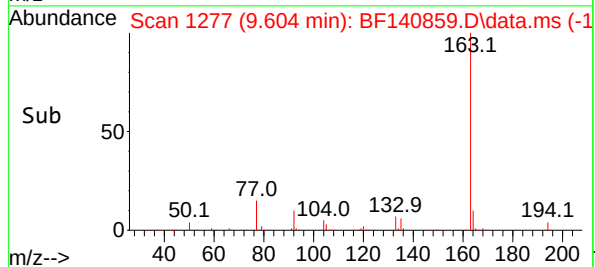
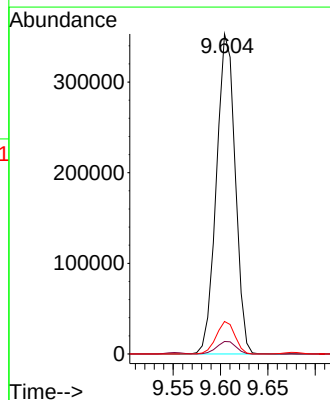
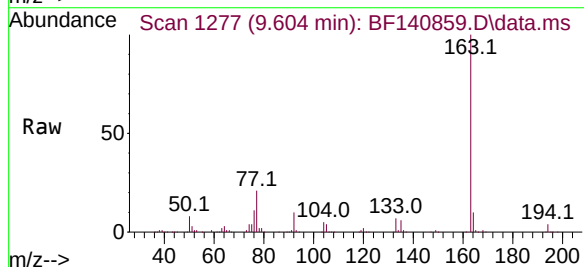
Tgt Ion:163 Resp: 487517

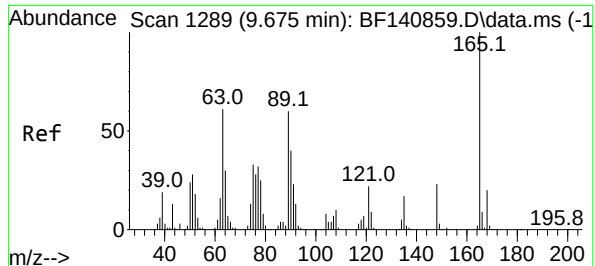
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

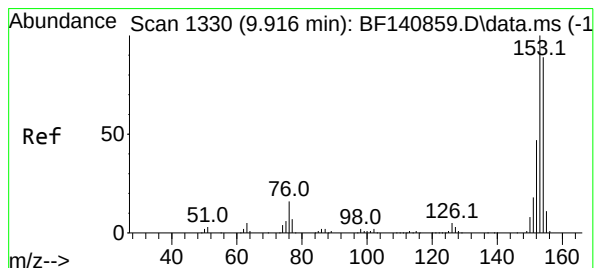
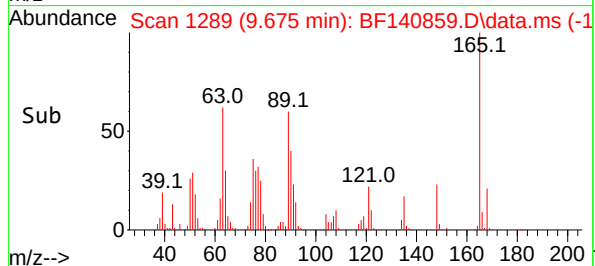
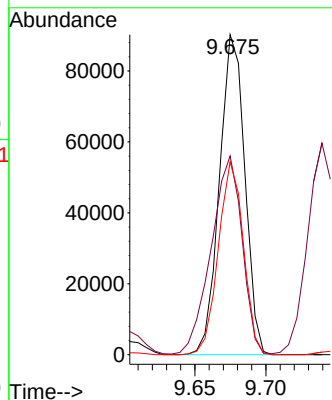
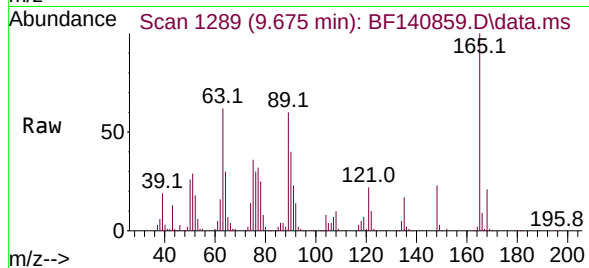
Tgt Ion:165 Resp: 111990

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

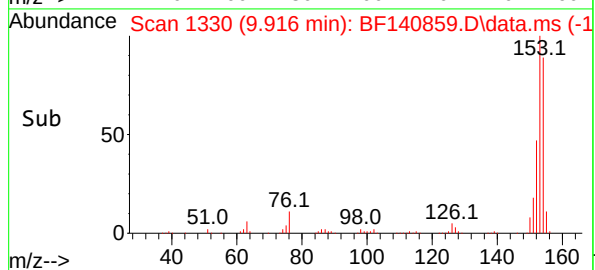
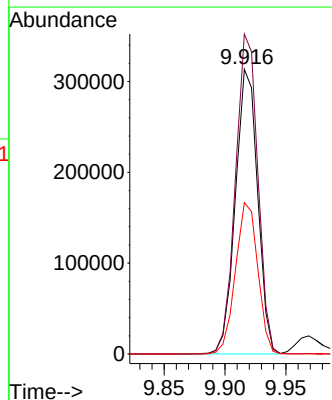
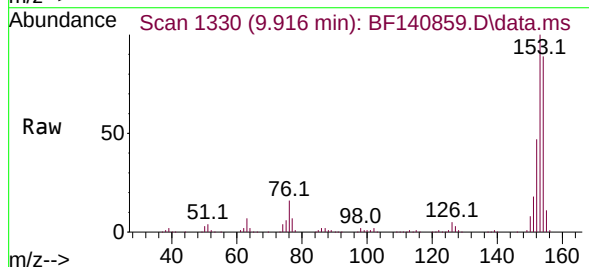
Tgt Ion:154 Resp: 398965

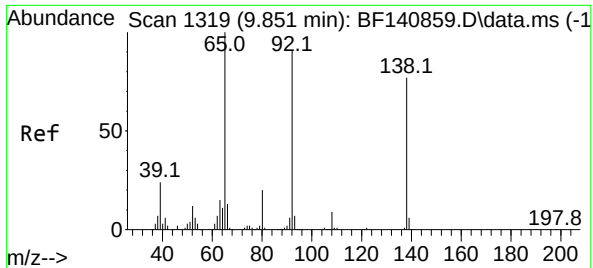
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 53.2 42.6 63.8

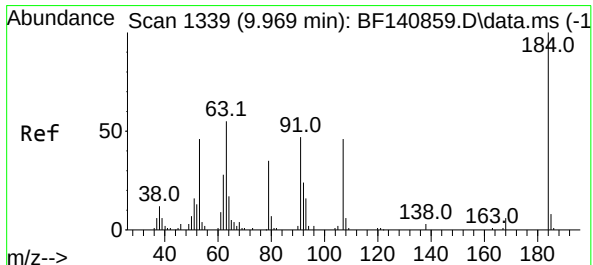
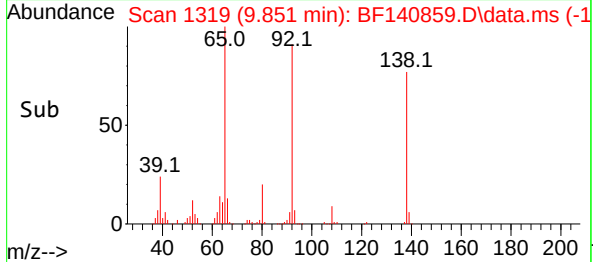
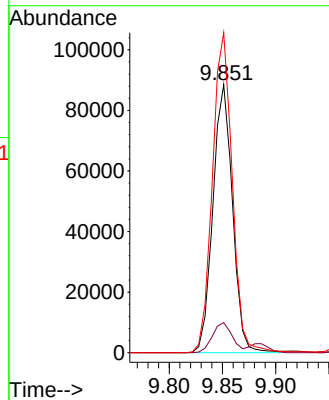
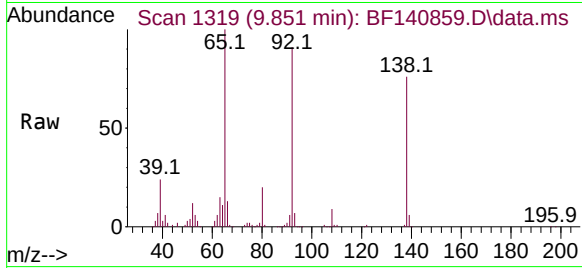




#53
3-Nitroaniline
Concen: 39.481 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

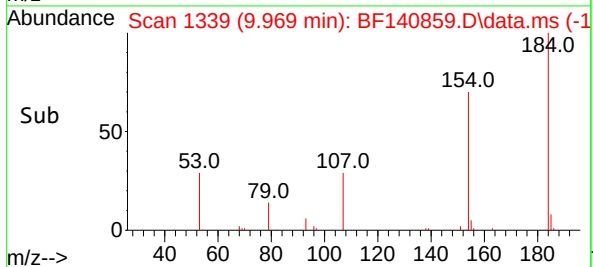
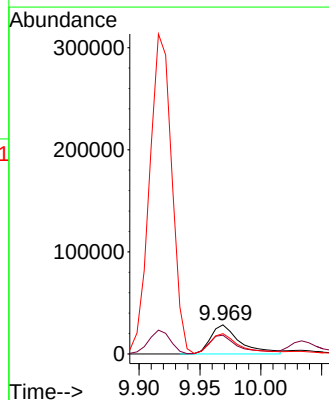
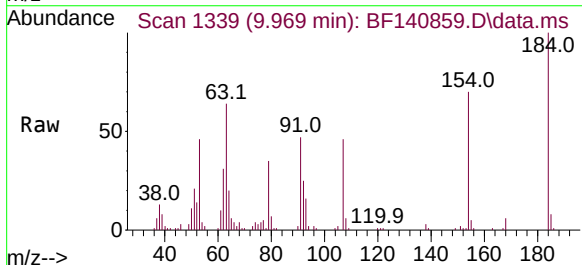
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

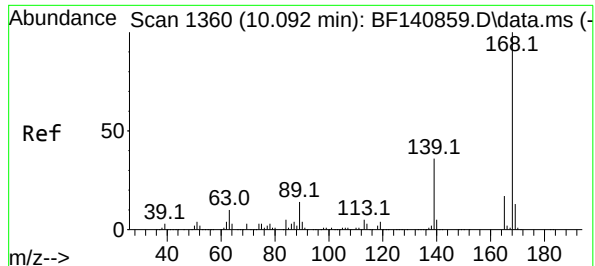
Tgt Ion:138 Resp: 113227
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 119.4 95.5 143.3



#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

Dibenzofuran

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

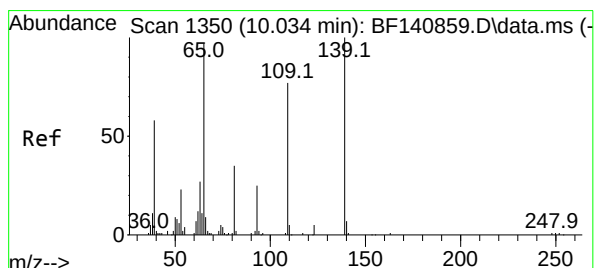
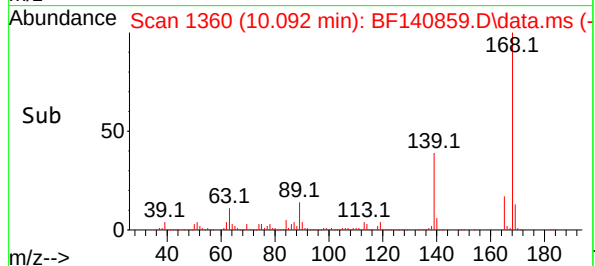
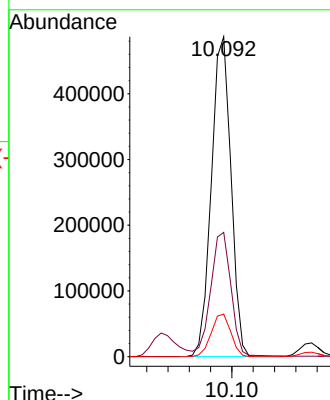
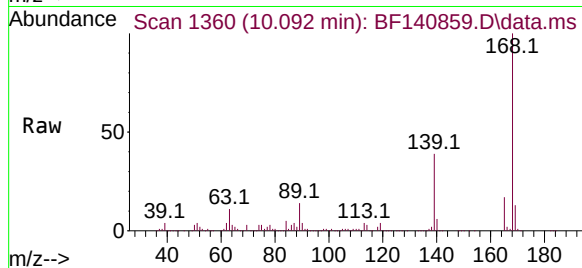
Tgt Ion:168 Resp: 619833

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

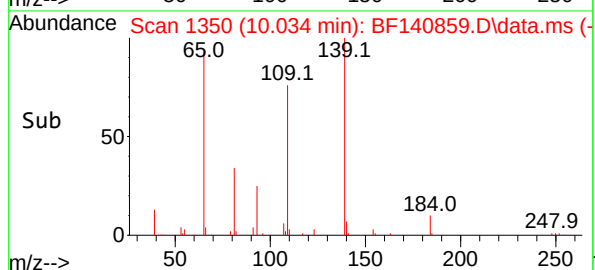
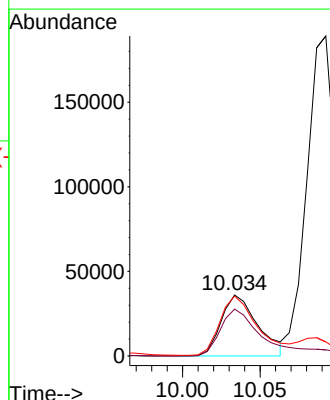
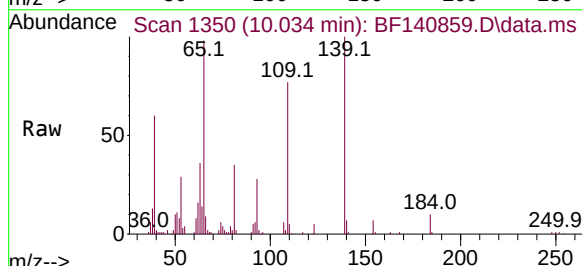
Tgt Ion:139 Resp: 59043

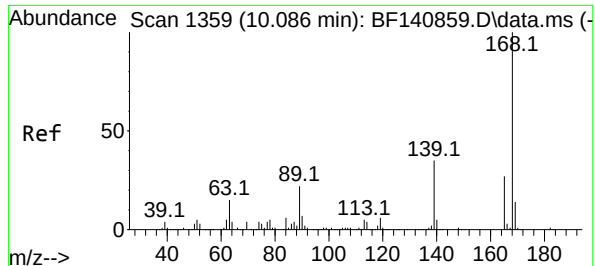
Ion Ratio Lower Upper

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

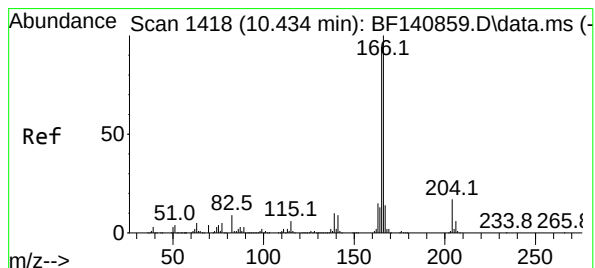
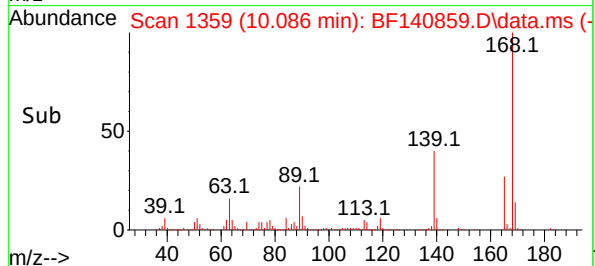
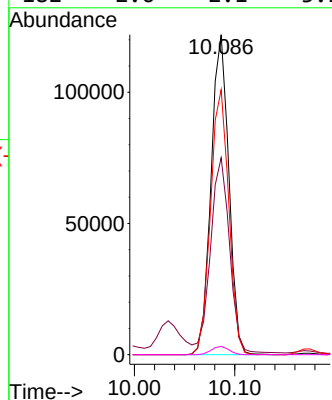
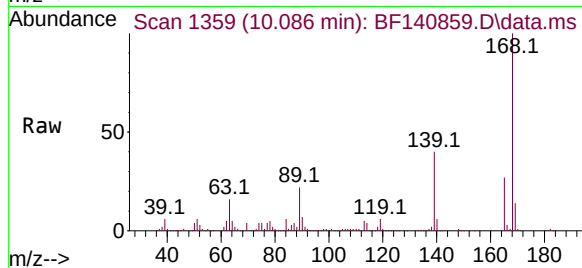
Ion Ratio Lower Upper

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

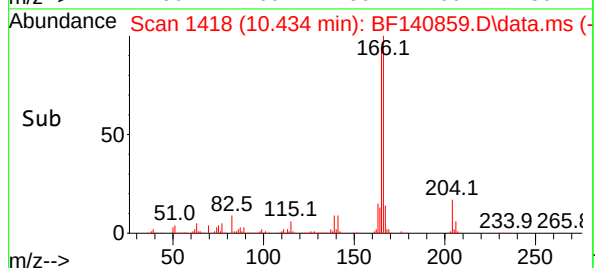
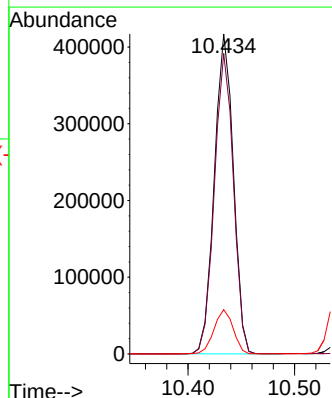
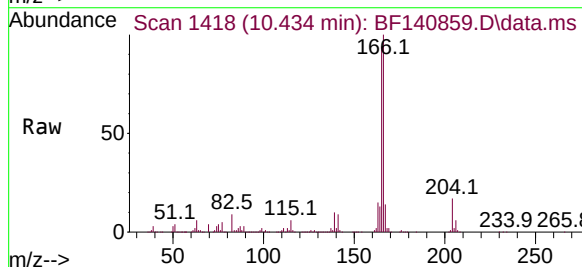
Tgt Ion:166 Resp: 517920

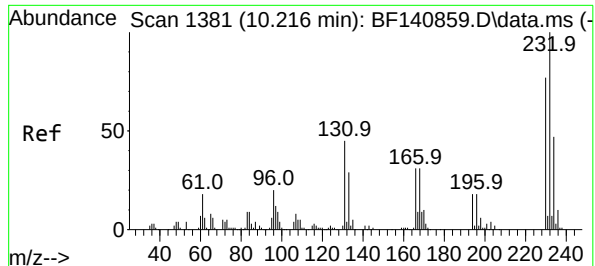
Ion Ratio Lower Upper

166 100

165 93.9 75.1 112.7

167 13.9 11.1 16.7

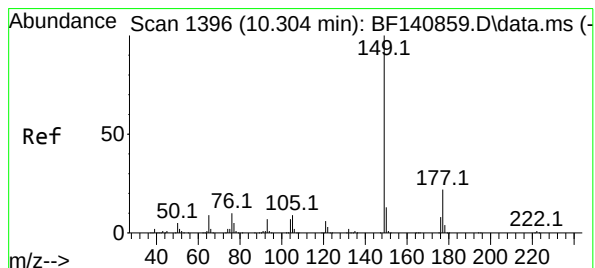
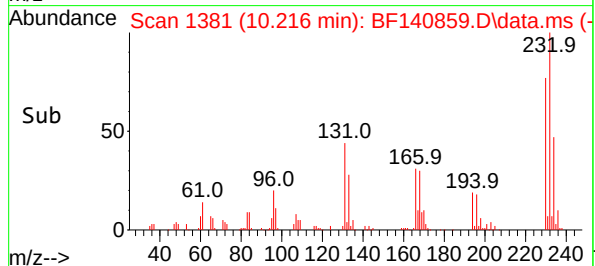
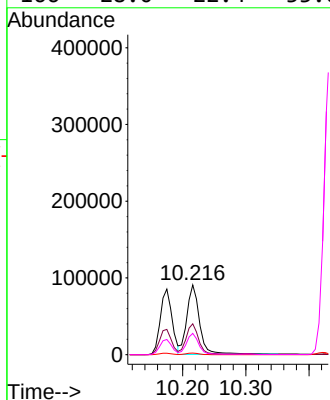
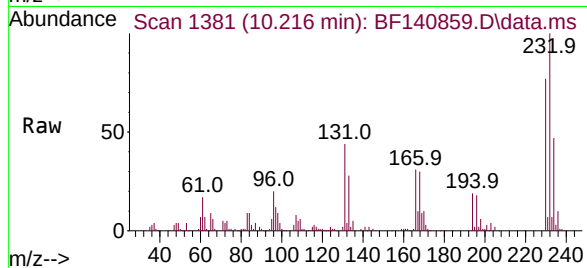




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.028 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

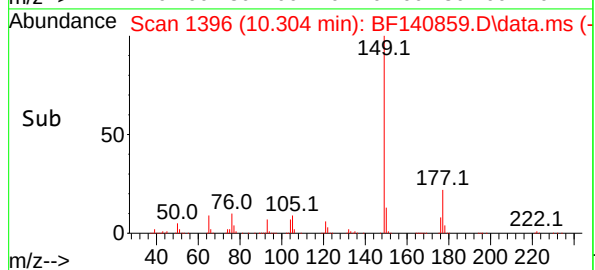
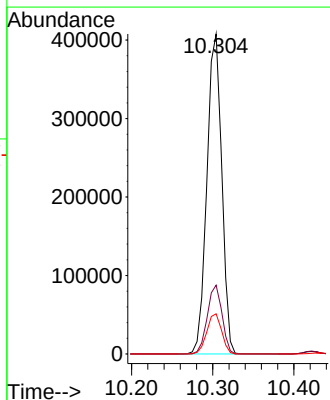
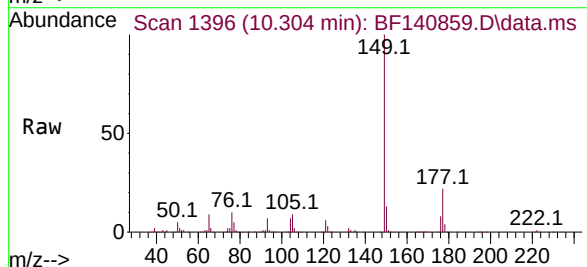
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

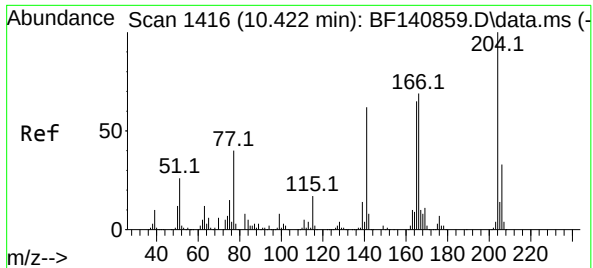
Tgt Ion:232 Resp: 127023
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.3 1.8 2.8
166 28.0 22.4 33.6



#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

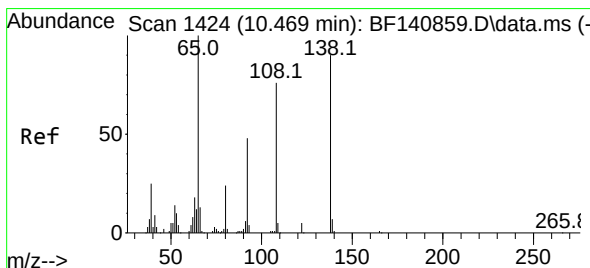
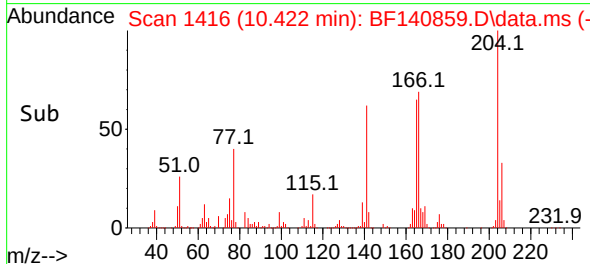
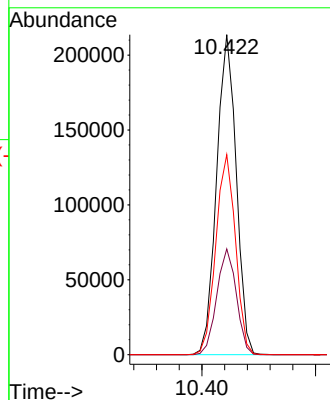
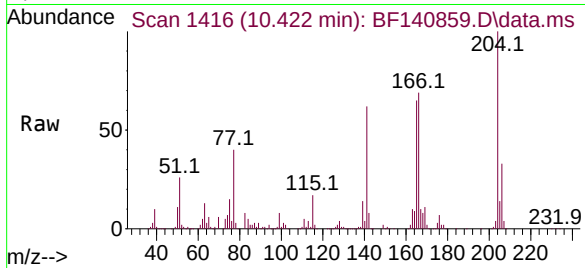




#61
4-Chlorophenyl-phenylether
Concen: 39.062 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

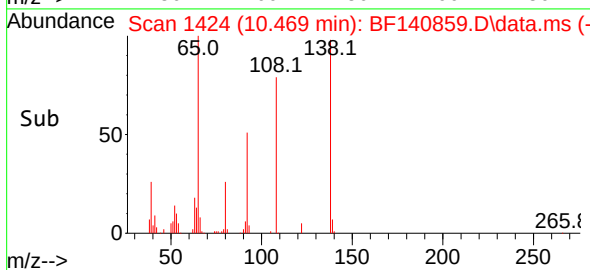
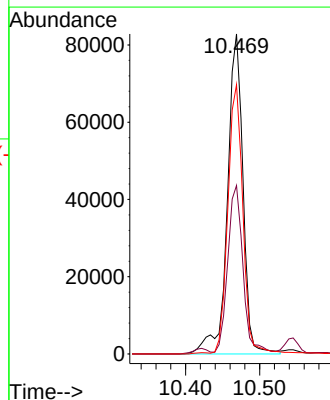
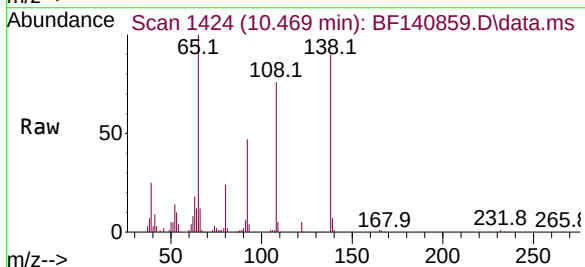
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

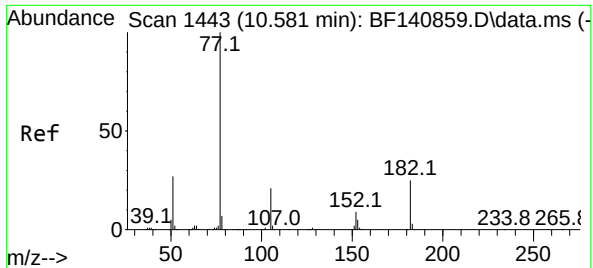
Tgt Ion:204 Resp: 256836
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.5 50.0 75.0



#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

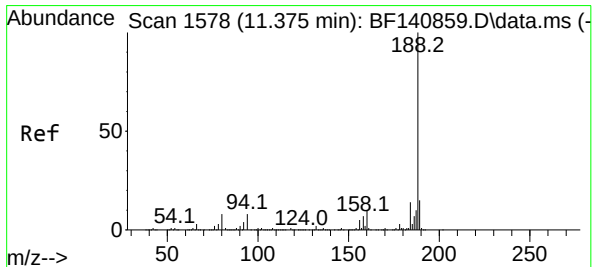
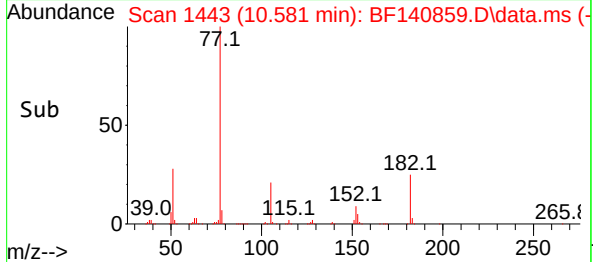
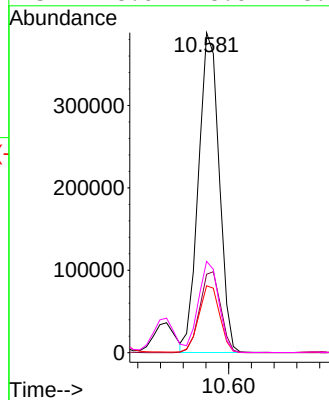
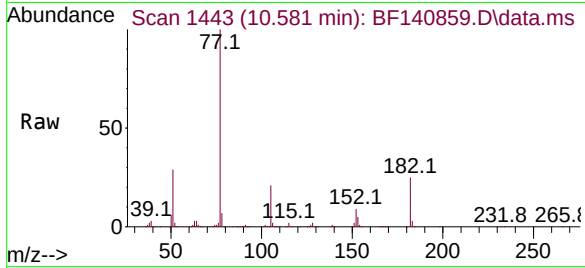




#63
Azobenzene
Concen: 39.821 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

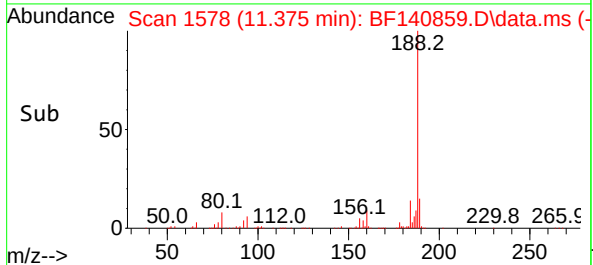
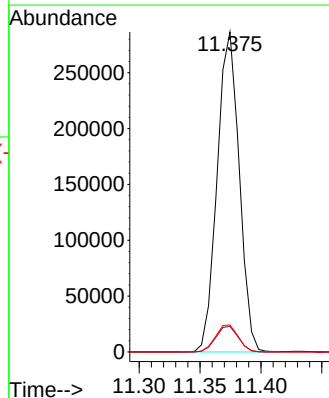
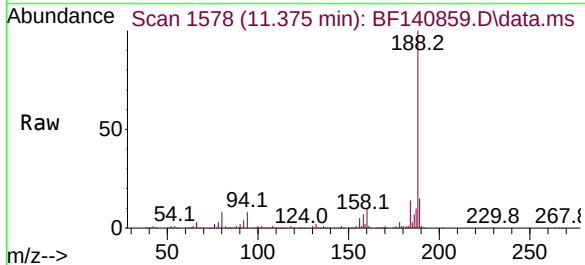
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

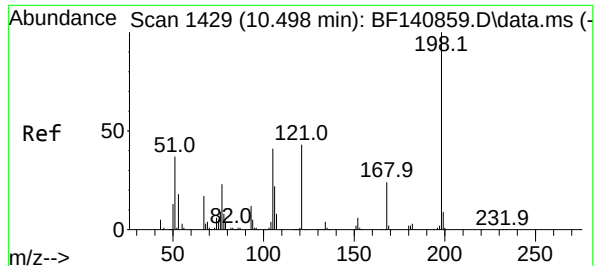
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.5	44.5
105	20.9	0.9	40.9
51	28.6	8.6	48.6



#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

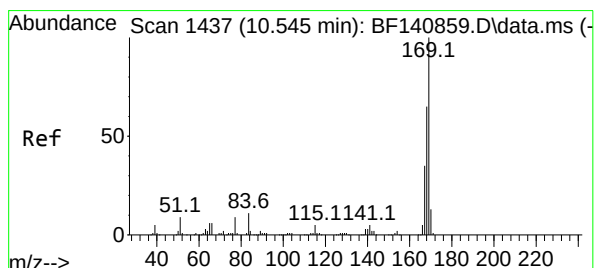
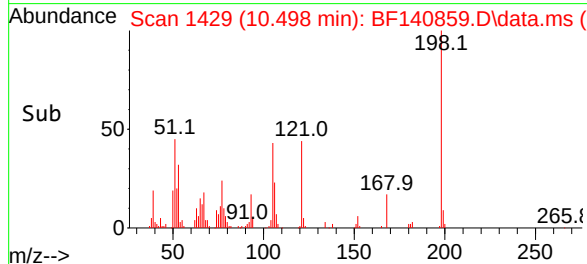
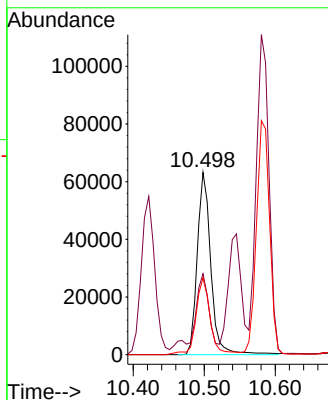
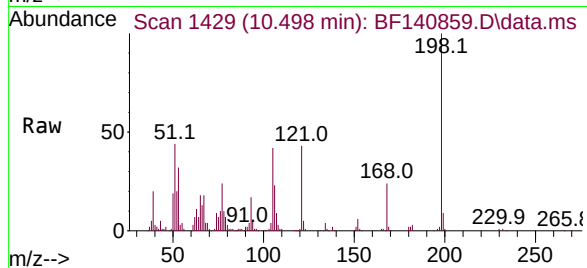




#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

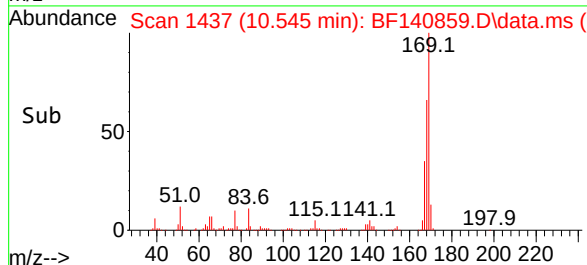
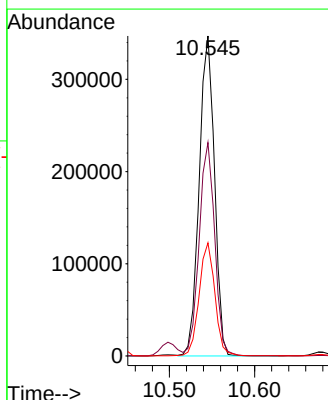
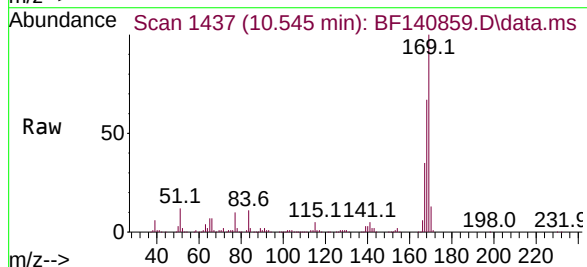
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

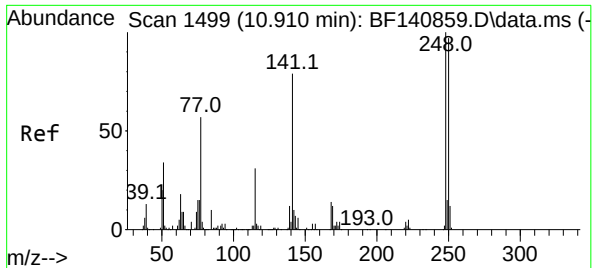
Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.4	24.4	64.4
105	42.1	22.1	62.1



#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

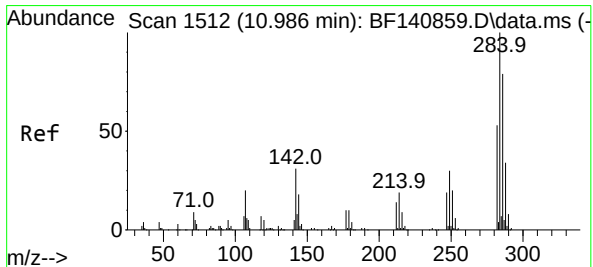
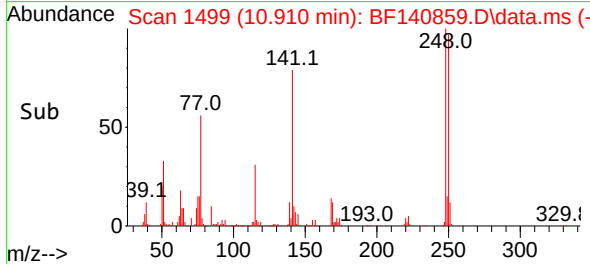
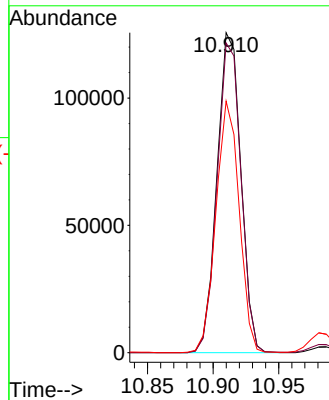
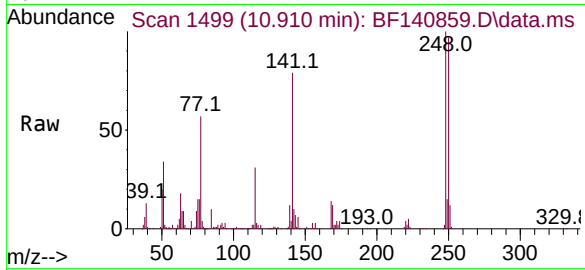




#67
4-Bromophenyl-phenylether
Concen: 39.307 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

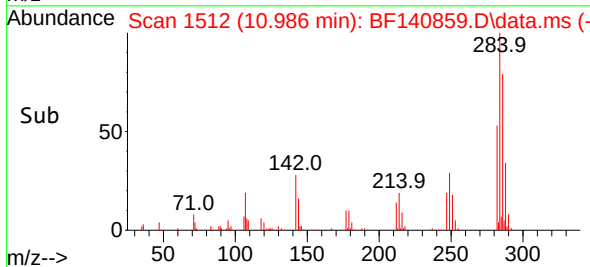
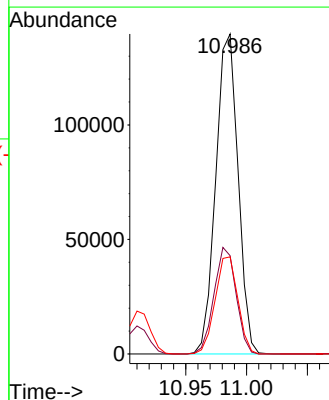
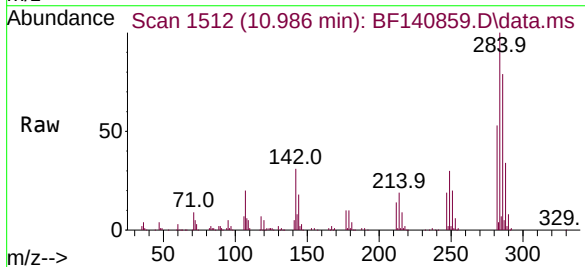
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

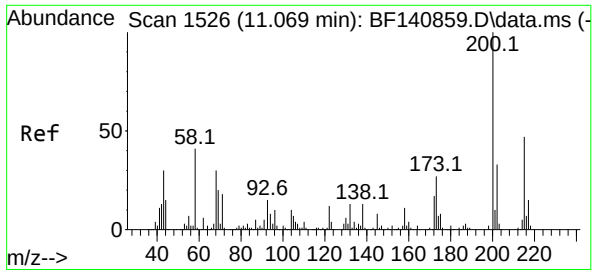
Tgt Ion:248 Resp: 159117
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 78.6 62.9 94.3



#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

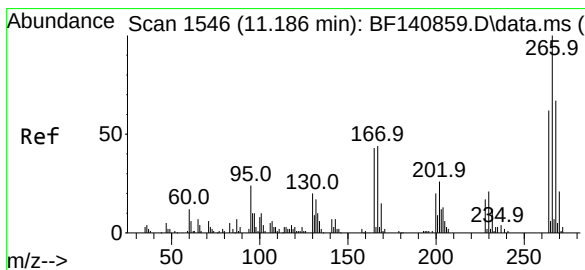
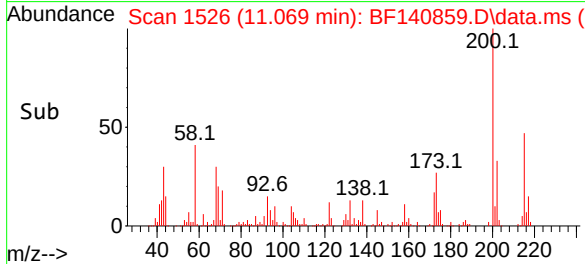
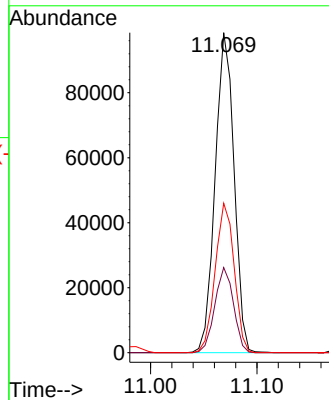
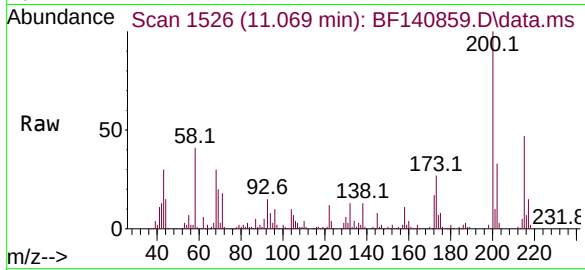
Tgt Ion:200 Resp: 121493

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

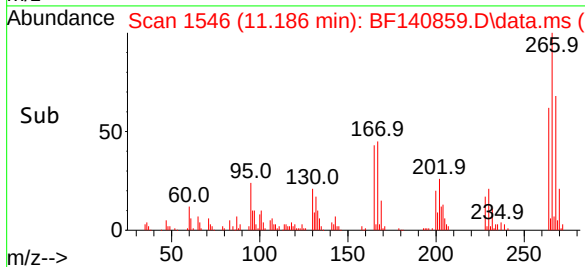
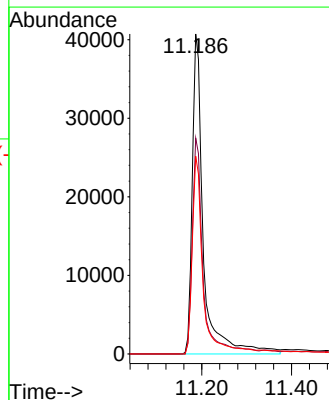
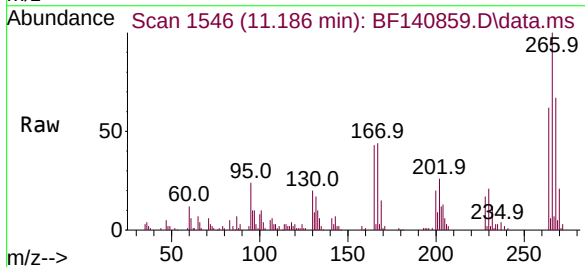
Tgt Ion:266 Resp: 70638

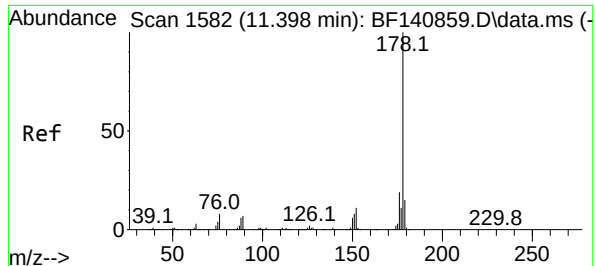
Ion Ratio Lower Upper

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

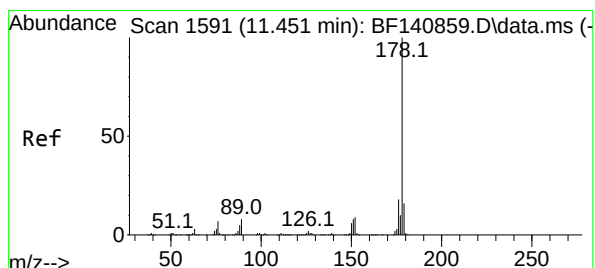
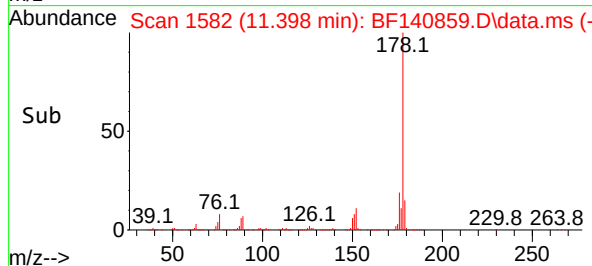
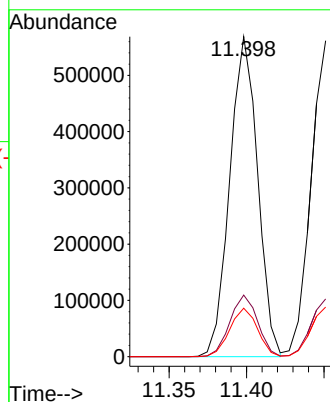
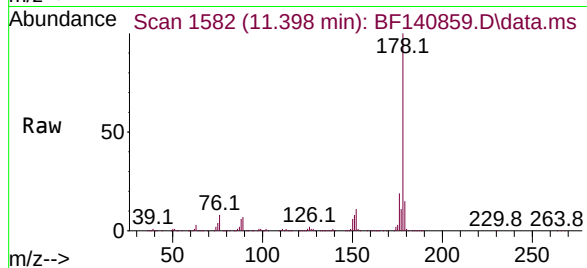
Tgt Ion:178 Resp: 711714

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

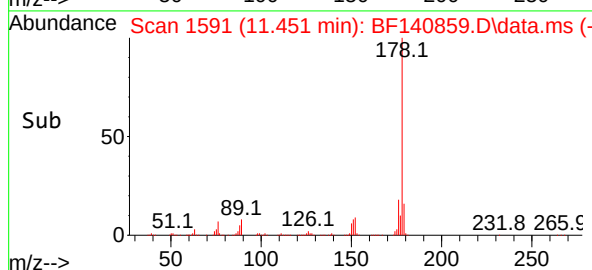
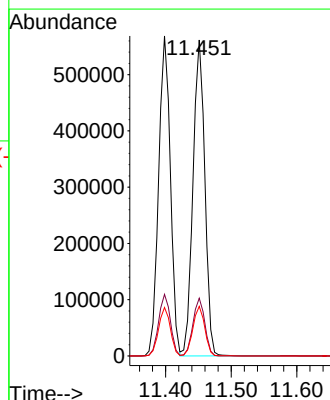
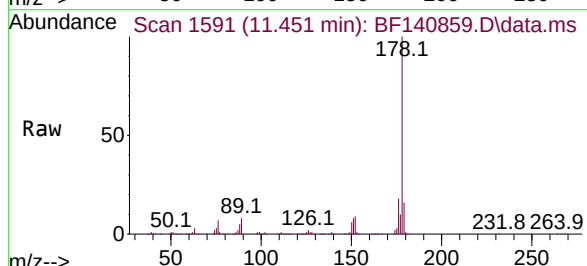
Tgt Ion:178 Resp: 702321

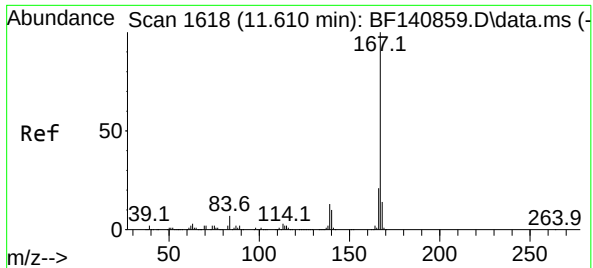
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.7 12.6 18.8

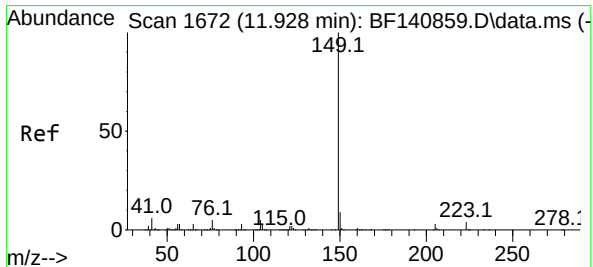
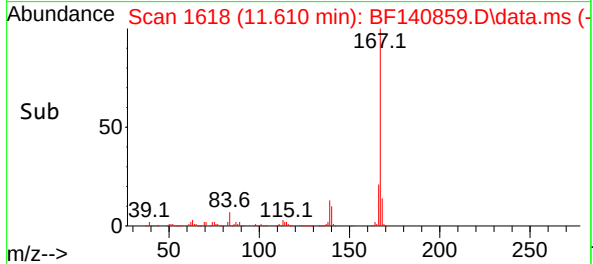
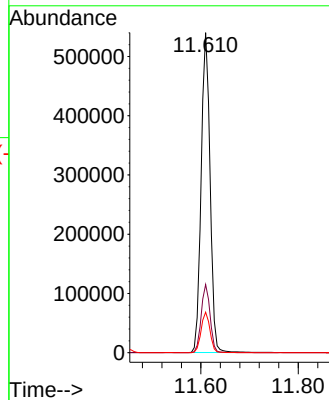
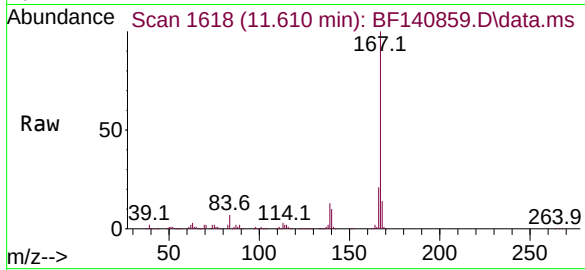




#73
 Carbazole
 Concen: 38.392 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF140859.D
 Acq: 16 Dec 2024 14:26

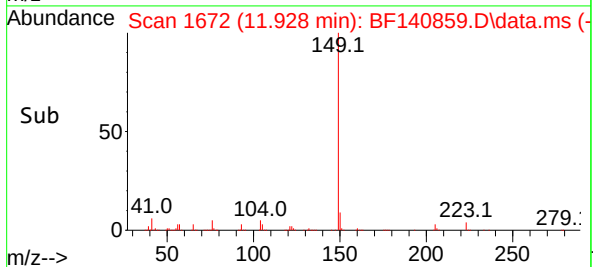
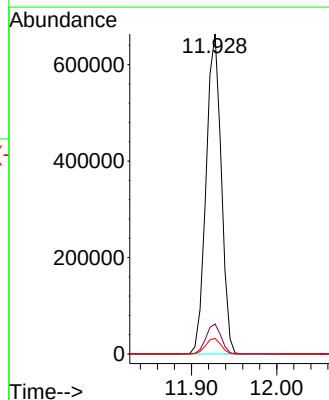
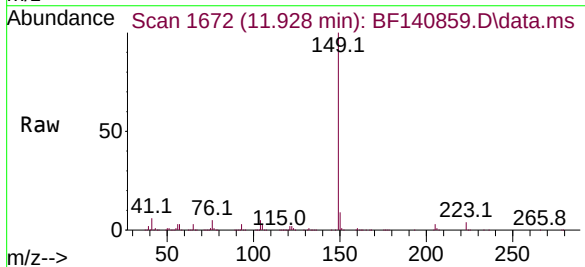
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

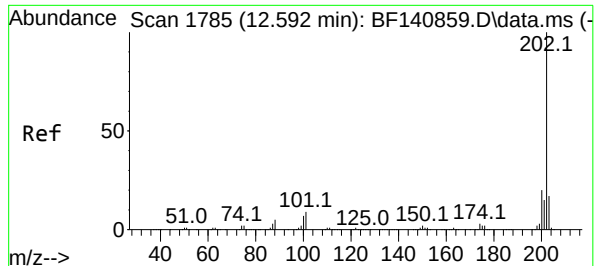
Tgt Ion:167 Resp: 689096
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.7 10.2 15.2



#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

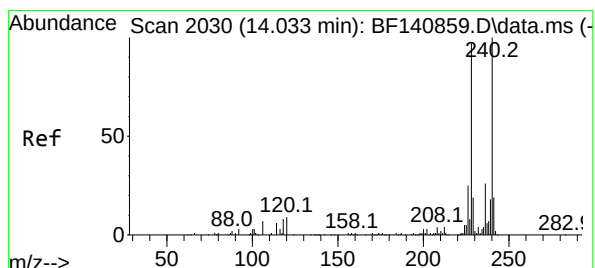
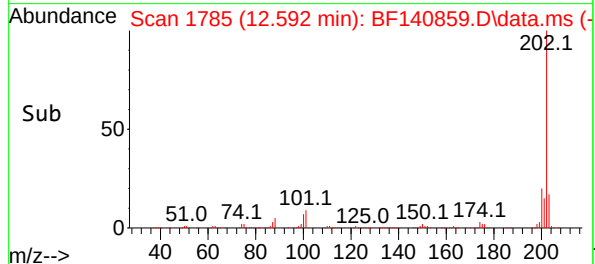
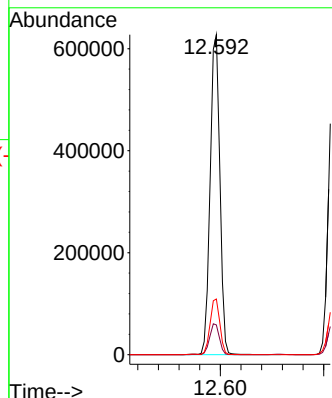
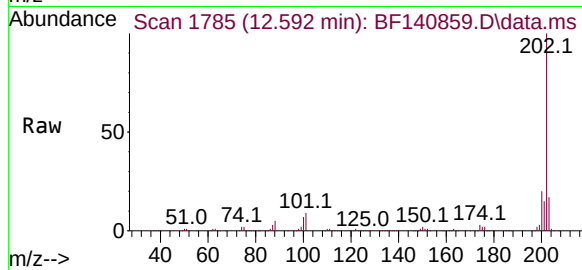




#75
Fluoranthene
Concen: 38.159 ng
RT: 12.592 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

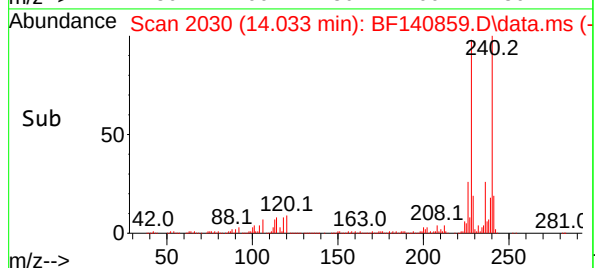
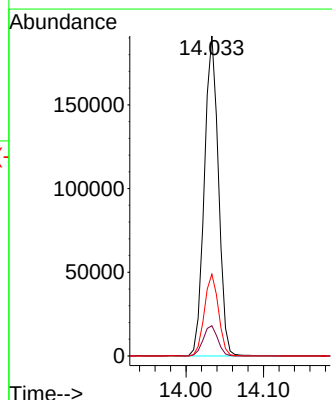
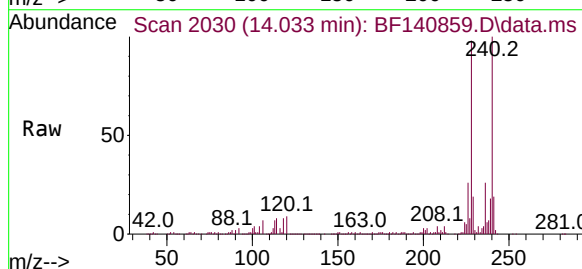
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

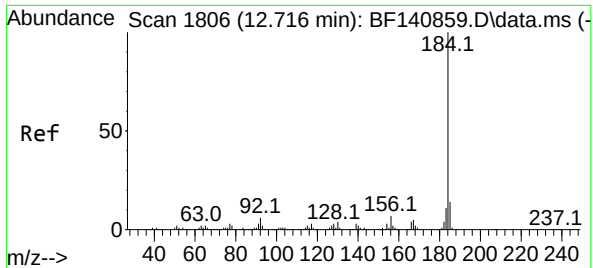
Tgt Ion:202 Resp: 817749
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.3
203 17.4 0.0 37.4



#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:240 Resp: 241027
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.6 20.5 30.7

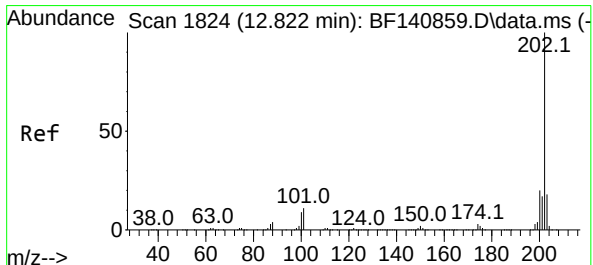
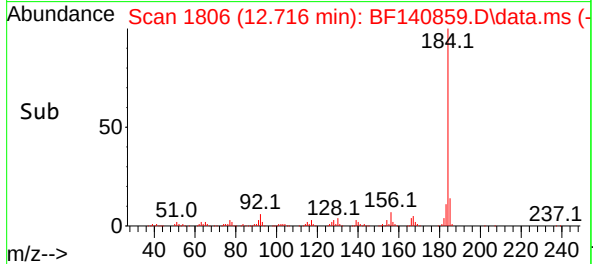
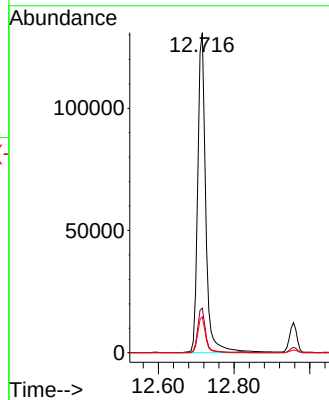
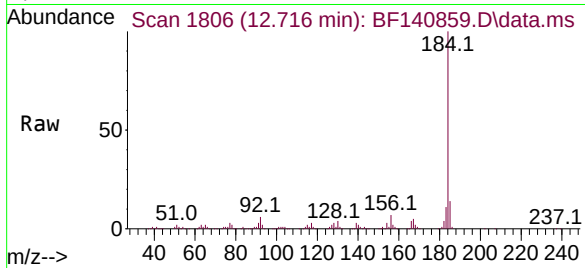




#77
Benzidine
Concen: 39.598 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

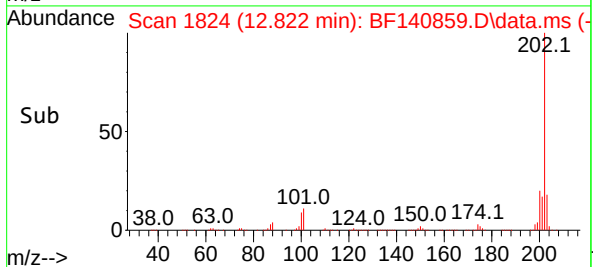
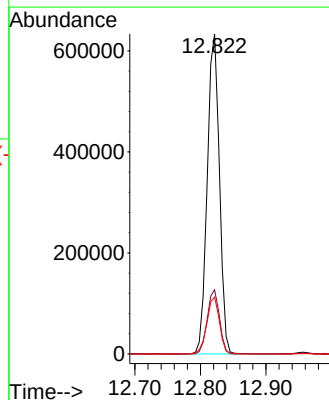
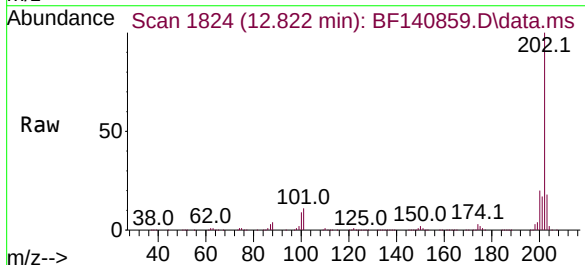
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

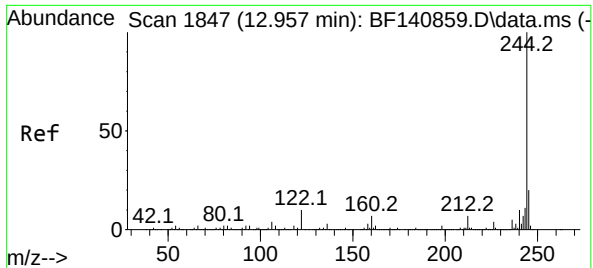
Tgt Ion:184 Resp: 194791
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 11.2 9.0 13.4



#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

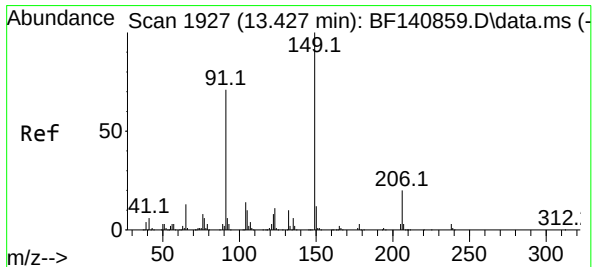
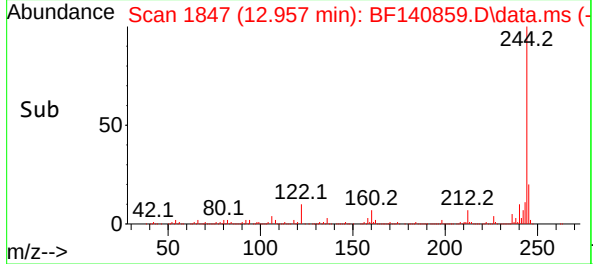
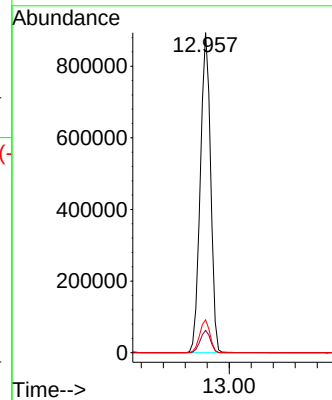
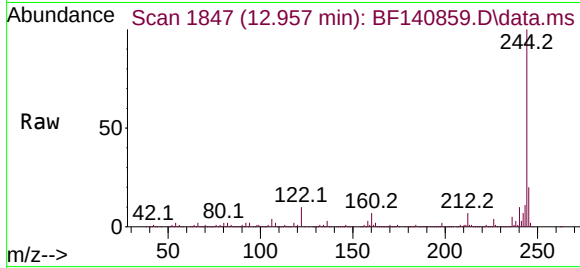




#79
Terphenyl-d14
Concen: 76.093 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

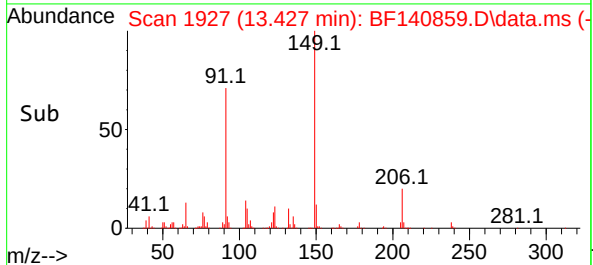
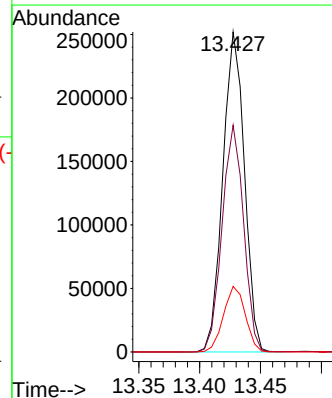
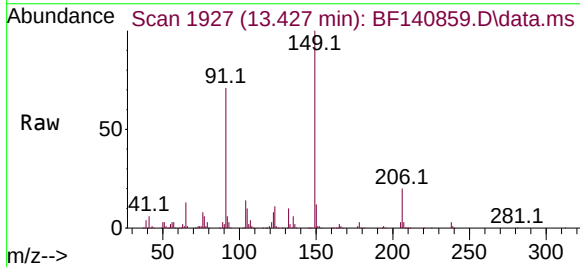
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

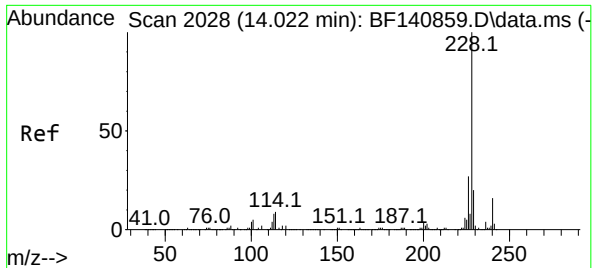
Tgt Ion:244 Resp: 1163098
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.2 8.2 12.2



#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

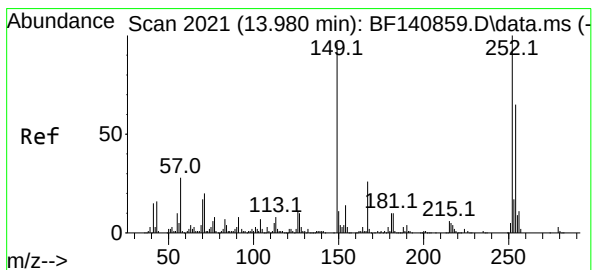
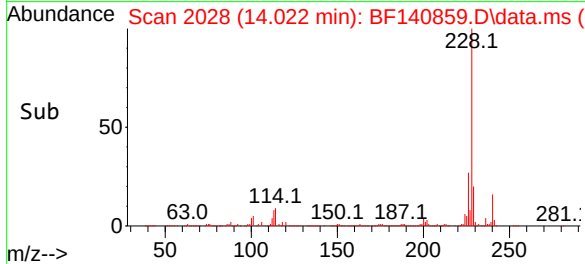
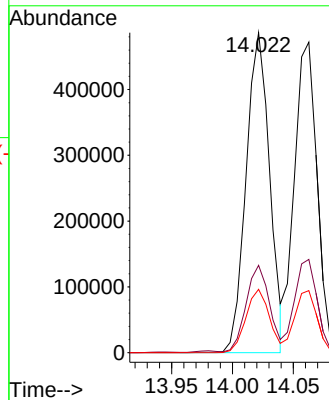
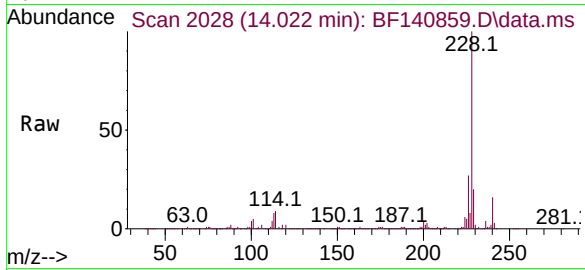




#81
Benzo(a)anthracene
Concen: 38.340 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

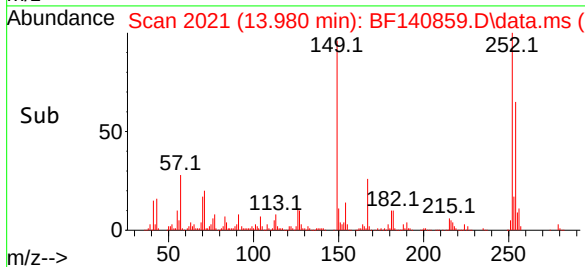
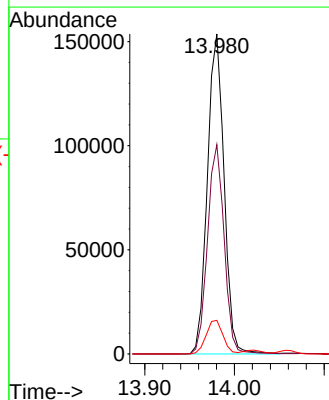
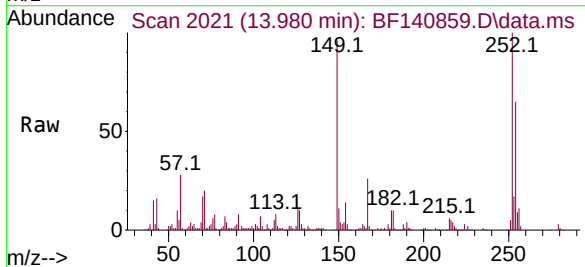
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

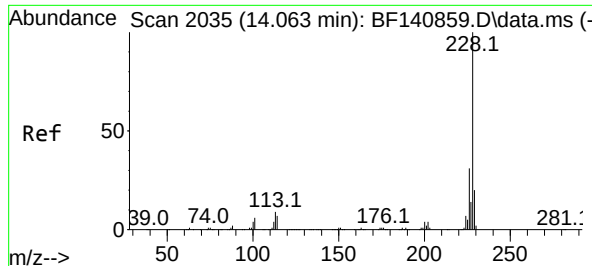
Tgt Ion:228 Resp: 654937
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.8



#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

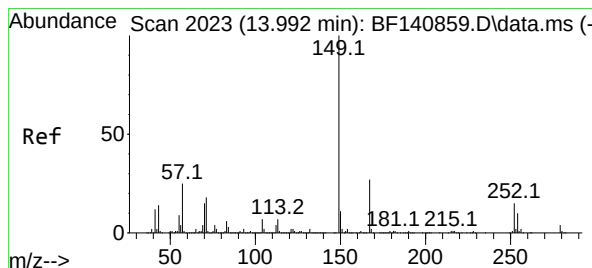
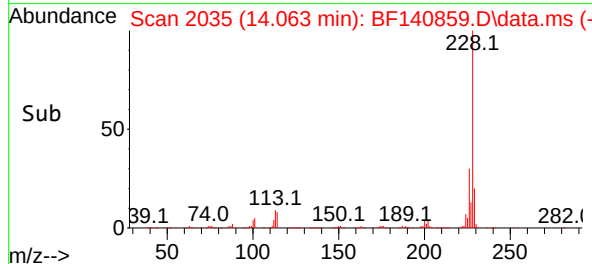
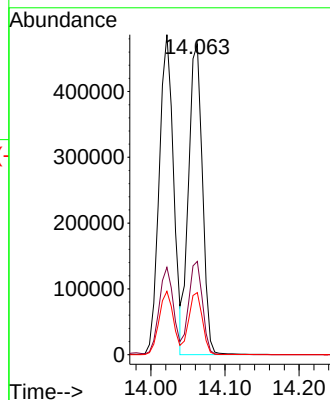
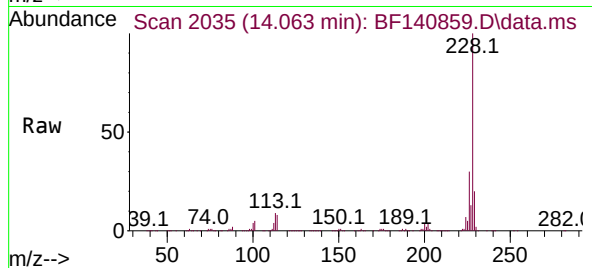
Tgt Ion:228 Resp: 612484

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

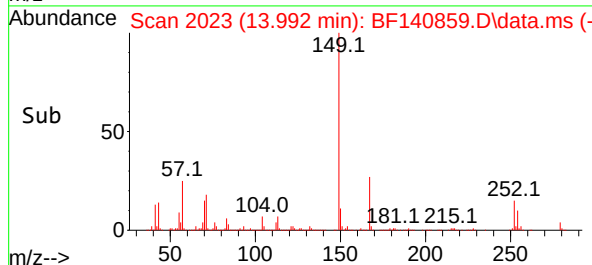
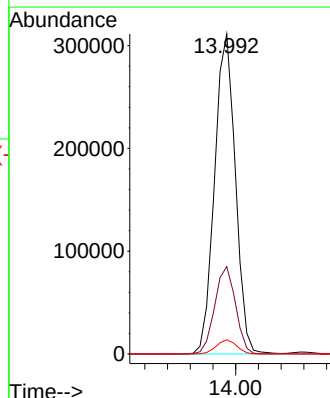
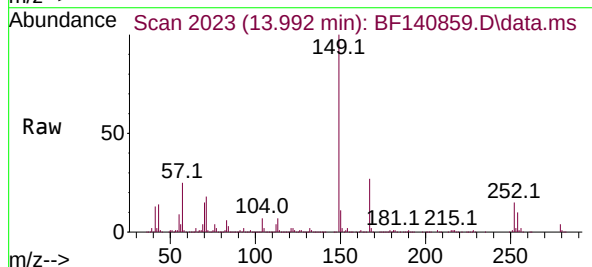
Tgt Ion:149 Resp: 395970

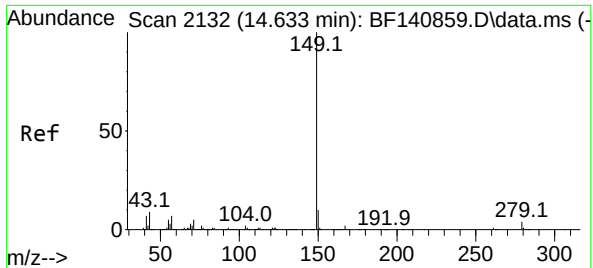
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.4 3.5 5.3

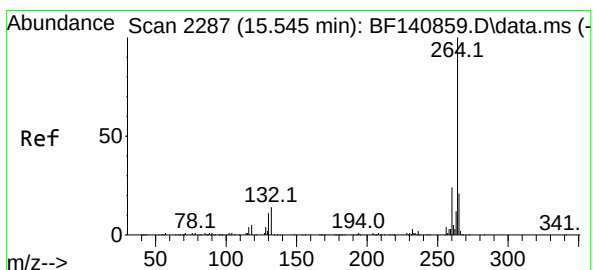
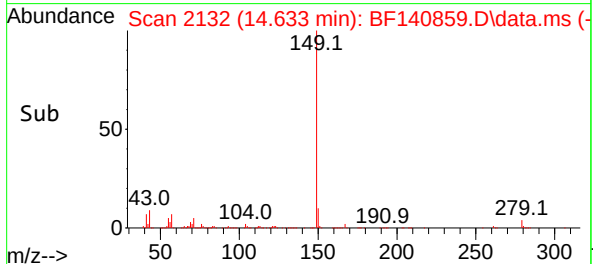
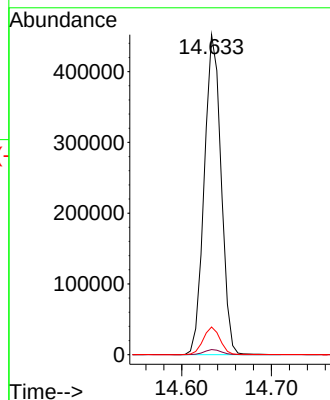
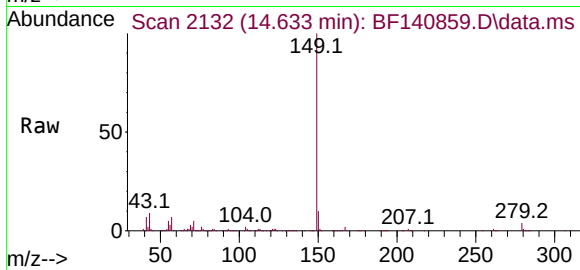




#85
Di-n-octyl phthalate
Concen: 38.326 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

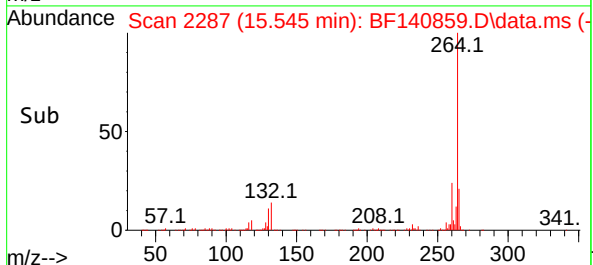
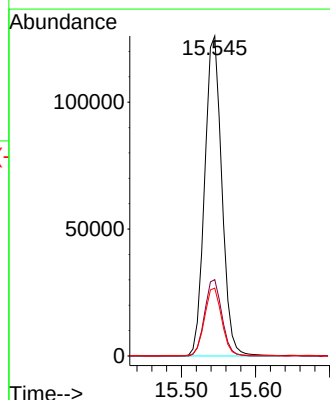
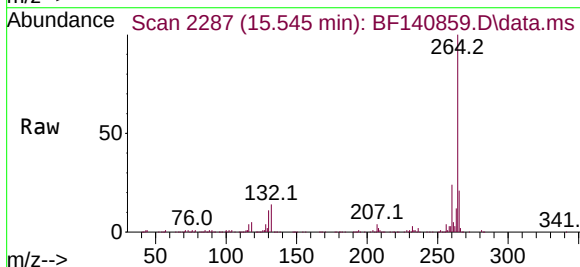
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

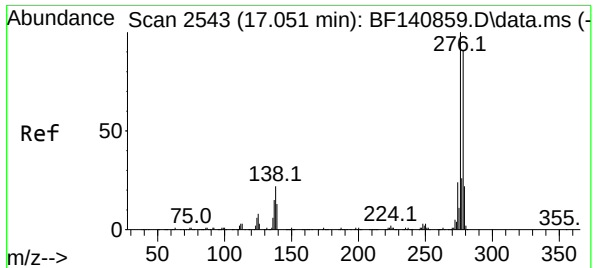
Tgt Ion:149 Resp: 589634
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.0 10.6



#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:264 Resp: 202727
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.2 17.0 25.4

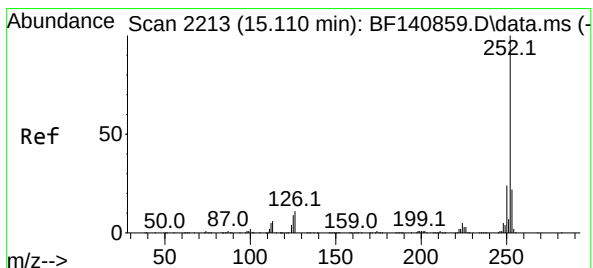
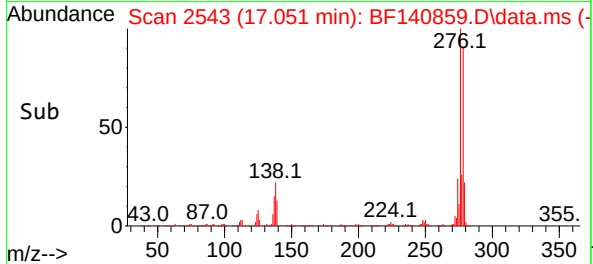
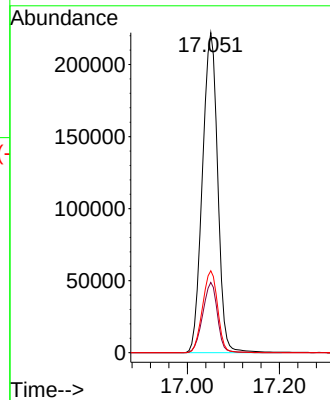
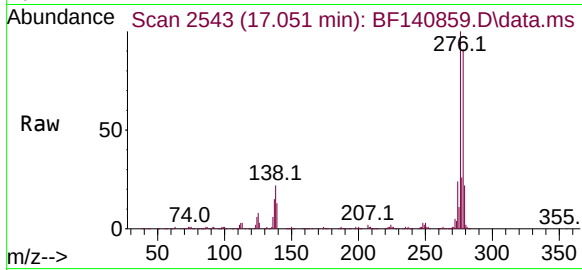




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.662 ng
RT: 17.051 min Scan# 214
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

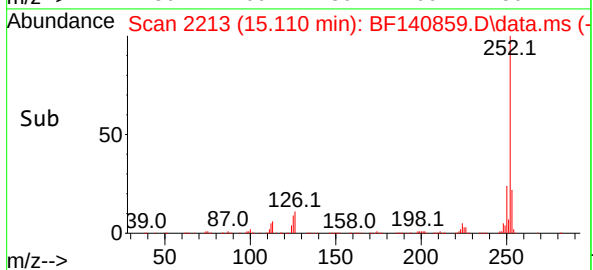
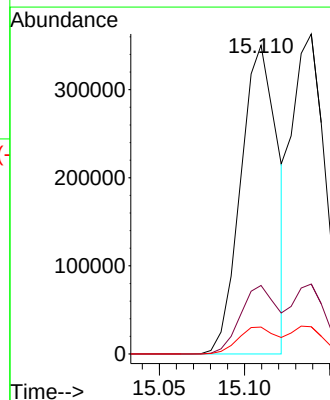
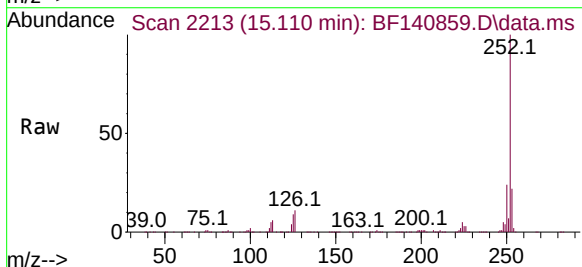
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

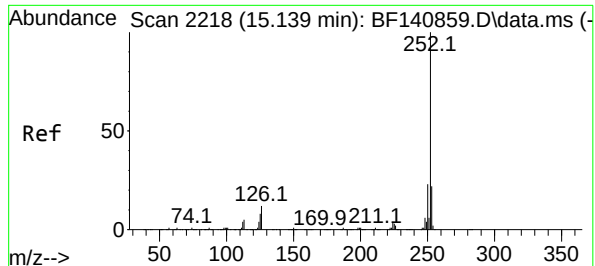
Tgt Ion:276 Resp: 514416
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 25.3 20.2 30.4



#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

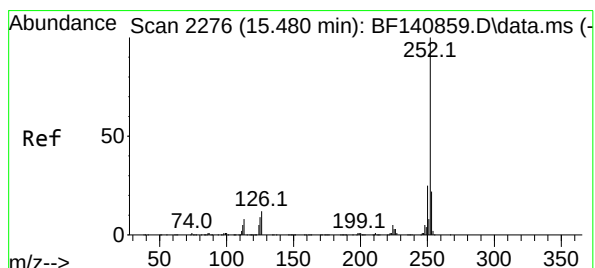
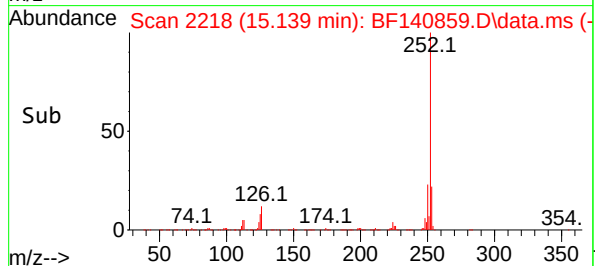
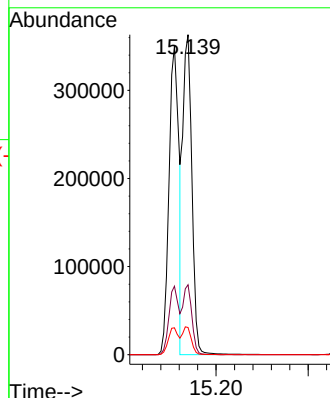
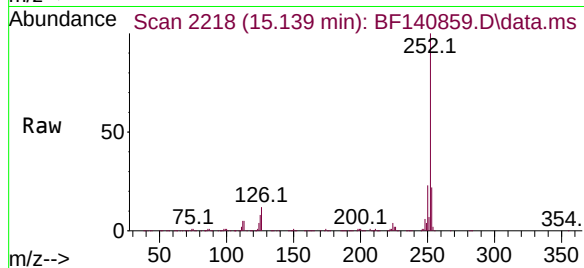
Tgt Ion:252 Resp: 496310

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

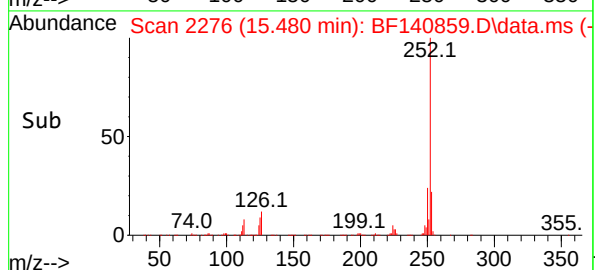
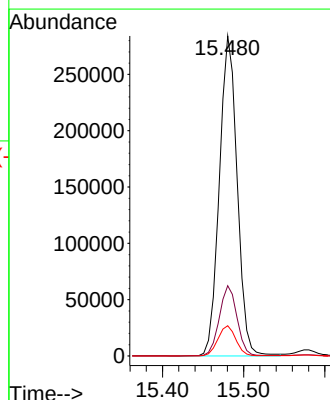
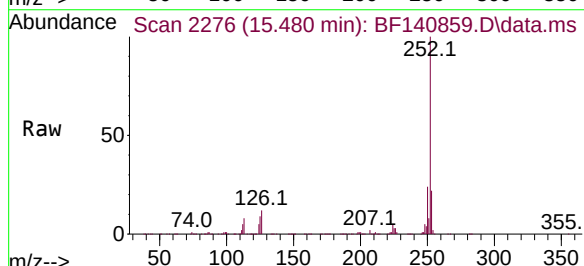
Tgt Ion:252 Resp: 435015

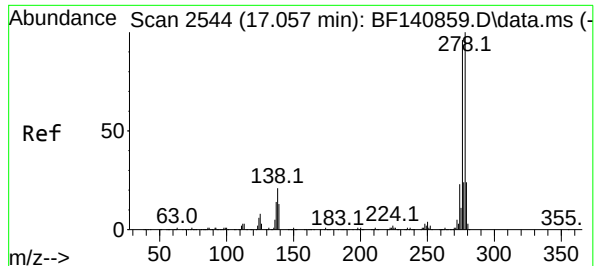
Ion Ratio Lower Upper

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

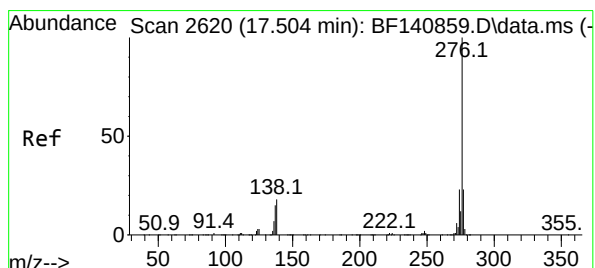
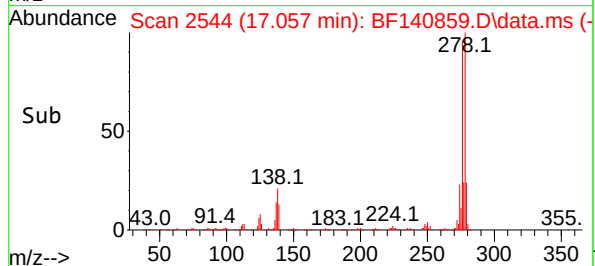
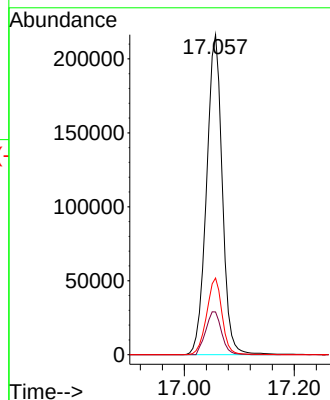
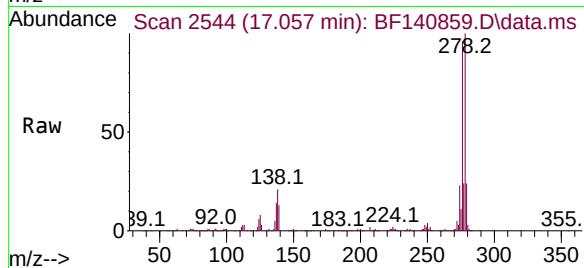
Tgt Ion:278 Resp: 428983

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

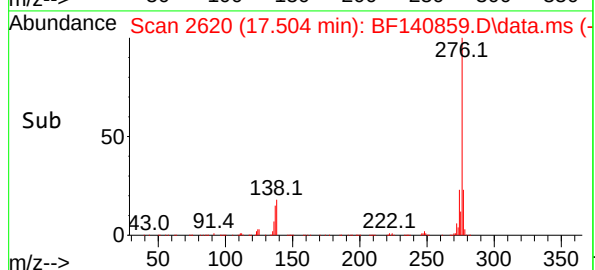
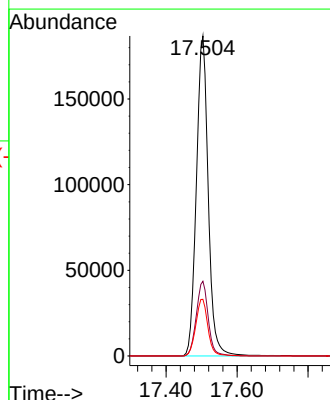
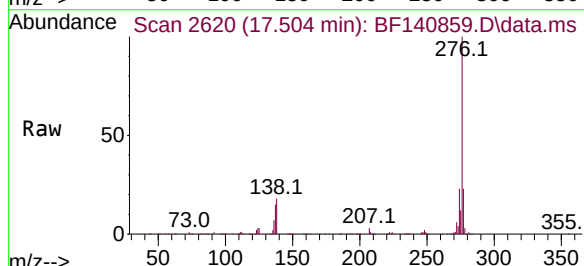
Tgt Ion:276 Resp: 434898

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 17.7 14.2 21.2





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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG No.: P5192

Instrument ID: BNA_F Calibration Date/Time: 12/17/2024 09:24

Lab File ID: BF140872.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
n-Nitrosodimethylamine	0.611	0.592		-3.1	
2-Fluorophenol	1.215	1.279		5.3	
Phenol-d6	1.609	1.590		-1.2	
Phenol	1.668	1.641		-1.6	20.0
bis(2-Chloroethyl)ether	1.244	1.251		0.6	
2-Chlorophenol	1.325	1.299		-2.0	
2,2-oxybis(1-Chloropropane)	1.465	1.450		-1.0	
n-Nitroso-di-n-propylamine	0.965	0.923	0.050	-4.4	
Nitrobenzene-d5	0.400	0.396		-1.0	
Hexachloroethane	0.570	0.537		-5.8	
Nitrobenzene	0.410	0.404		-1.5	
Isophorone	0.670	0.665		-0.7	
2-Nitrophenol	0.189	0.188		-0.5	20.0
2,4-Dimethylphenol	0.220	0.222		0.9	
bis(2-Chloroethoxy)methane	0.418	0.417		-0.2	
2,4-Dichlorophenol	0.304	0.300		-1.3	20.0
1,2,4-Trichlorobenzene	0.349	0.346		-0.9	
Naphthalene	1.099	1.077		-2.0	
Hexachlorobutadiene	0.235	0.225		-4.3	20.0
4-Chloro-3-methylphenol	0.342	0.335		-2.0	20.0
Hexachlorocyclopentadiene	0.153	0.109	0.050	-28.8	
2,4,6-Trichlorophenol	0.376	0.371		-1.3	20.0
2-Fluorobiphenyl	1.455	1.400		-3.8	
2-Chloronaphthalene	1.217	1.170		-3.9	
Dimethylphthalate	1.410	1.364		-3.3	
Acenaphthylene	1.788	1.723		-3.6	
2,6-Dinitrotoluene	0.322	0.317		-1.6	
Acenaphthene	1.142	1.100		-3.7	20.0
2,4-Dinitrophenol	0.132	0.109	0.050	-17.4	
4-Nitrophenol	0.150	0.135	0.050	-10.0	
2,4-Dinitrotoluene	0.424	0.415		-2.1	
Diethylphthalate	1.462	1.313		-10.2	
4-Chlorophenyl-phenylether	0.733	0.650		-11.3	
Fluorene	1.460	1.278		-12.5	
4,6-Dinitro-2-methylphenol	0.113	0.113		0.0	
n-Nitrosodiphenylamine	0.615	0.609		-1.0	20.0
Azobenzene	1.375	1.214		-11.7	
2,4,6-Tribromophenol	0.237	0.213		-10.1	
4-Bromophenyl-phenylether	0.224	0.220		-1.8	



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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: P5192 SAS No.: P5192 SDG No.: P5192

Instrument ID: BNA_F Calibration Date/Time: 12/17/2024 09:24

Lab File ID: BF140872.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
Hexachlorobenzene	0.254	0.253		-0.4	
Pentachlorophenol	0.093	0.086		-7.5	20.0
Phenanthrene	1.028	0.993		-3.4	
Anthracene	1.013	0.986		-2.7	
Di-n-butylphthalate	1.164	1.145		-1.6	
Fluoranthene	1.184	1.109		-6.3	20.0
Benzidine	0.408	0.385		-5.6	
Pyrene	1.779	1.616		-9.2	
Terphenyl-d14	1.268	1.166		-8.0	
Butylbenzylphthalate	0.654	0.651		-0.5	
3,3-Dichlorobenzidine	0.428	0.418		-2.3	
Benzo(a)anthracene	1.417	1.362		-3.9	
Chrysene	1.289	1.257		-2.5	
Bis(2-ethylhexyl)phthalate	0.844	0.907		7.5	
Di-n-octyl phthalate	1.277	1.409		10.3	20.0
Benzo(b)fluoranthene	1.388	1.455		4.8	
Benzo(k)fluoranthene	1.191	1.060		-11.0	
Benzo(a)pyrene	1.087	1.062		-2.3	20.0
Indeno(1,2,3-cd)pyrene	1.248	1.445		15.8	
Dibenzo(a,h)anthracene	1.034	1.206		16.6	
Benzo(g,h,i)perylene	1.052	1.208		14.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	80900	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	293024	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	171346	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	305119	20.000	ng	0.00
76) Chrysene-d12	14.027	240	214494	20.000	ng	0.00
86) Perylene-d12	15.521	264	199592	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	413757	84.193	ng	0.00
7) Phenol-d6	6.498	99	514513	79.044	ng	0.00
23) Nitrobenzene-d5	7.416	82	464348	79.283	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	146313	72.199	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	959748	77.008	ng	0.00
79) Terphenyl-d14	12.957	244	1000739	73.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	73928	34.924	ng	99
3) Pyridine	3.375	79	206893	42.204	ng	97
4) n-Nitrosodimethylamine	3.328	42	95781	38.757	ng	93
6) Aniline	6.516	93	216814	38.957	ng	98
8) 2-Chlorophenol	6.646	128	210139	39.211	ng	99
9) Benzaldehyde	6.410	77	141884	39.340	ng	98
10) Phenol	6.510	94	265444	39.347	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	202408	40.231	ng	99
12) 1,3-Dichlorobenzene	6.793	146	240606	39.401	ng	98
13) 1,4-Dichlorobenzene	6.869	146	242952	39.194	ng	99
14) 1,2-Dichlorobenzene	7.022	146	227459	38.892	ng	99
15) Benzyl Alcohol	6.998	79	181928	39.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	234637	39.589	ng	98
17) 2-Methylphenol	7.116	107	168251	39.323	ng	99
18) Hexachloroethane	7.357	117	86943	37.677	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	149405	38.265	ng	100
20) 3+4-Methylphenols	7.269	107	217025	38.252	ng	100
22) Acetophenone	7.263	105	294268	40.145	ng	99
24) Nitrobenzene	7.434	77	236583	39.430	ng	98
25) Isophorone	7.675	82	389913	39.733	ng	100
26) 2-Nitrophenol	7.751	139	110281	39.907	ng	100
27) 2,4-Dimethylphenol	7.793	122	130275	40.367	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	244546	39.898	ng	99
29) 2,4-Dichlorophenol	7.998	162	175621	39.416	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	202643	39.674	ng	98
31) Naphthalene	8.151	128	631448	39.230	ng	100
32) Benzoic acid	7.934	122	115124	37.613	ng	99
33) 4-Chloroaniline	8.204	127	209212	39.135	ng	99
34) Hexachlorobutadiene	8.263	225	131706	38.326	ng	99
35) Caprolactam	8.587	113	55005	41.467	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	196513	39.186	ng	99
37) 2-Methylnaphthalene	8.840	142	414033	38.885	ng	99
38) 1-Methylnaphthalene	8.940	142	408081	38.753	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	206485	39.207	ng	99
41) Hexachlorocyclopentadiene	8.987	237	37471	33.129	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	127096	39.412	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

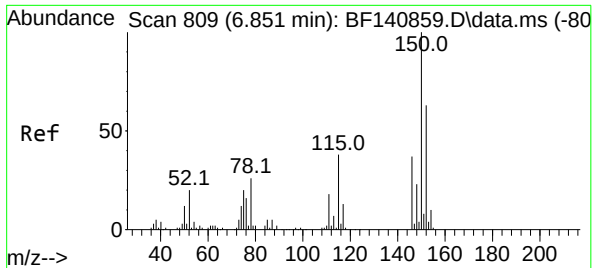
Quant Time: Dec 17 09:45:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	138117	38.966	ng	100
46) 1,1'-Biphenyl	9.304	154	527541	38.718	ng	100
47) 2-Chloronaphthalene	9.334	162	401095	38.480	ng	99
48) 2-Nitroaniline	9.434	65	123983	39.385	ng	99
49) Acenaphthylene	9.745	152	590393	38.543	ng	100
50) Dimethylphthalate	9.604	163	467456	38.696	ng	100
51) 2,6-Dinitrotoluene	9.675	165	108802	39.397	ng	98
52) Acenaphthene	9.916	154	376933	38.522	ng	98
53) 3-Nitroaniline	9.851	138	108802	39.699	ng	96
54) 2,4-Dinitrophenol	9.969	184	37206	31.895	ng	98
55) Dibenzofuran	10.092	168	568600	37.501	ng	99
56) 4-Nitrophenol	10.039	139	46205	34.044	ng	97
57) 2,4-Dinitrotoluene	10.086	165	142147	39.120	ng	99
58) Fluorene	10.434	166	438004	35.016	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	110282	38.183	ng	100
60) Diethylphthalate	10.304	149	449852	35.911	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	222856	35.468	ng	98
62) 4-Nitroaniline	10.469	138	103630	36.184	ng	96
63) Azobenzene	10.581	77	416040	35.327	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	68959	39.884	ng	97
66) n-Nitrosodiphenylamine	10.545	169	371719	39.625	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	134296	39.343	ng	100
68) Hexachlorobenzene	10.986	284	154263	39.860	ng	98
69) Atrazine	11.069	200	101496	38.739	ng	98
70) Pentachlorophenol	11.192	266	52188	36.883	ng	99
71) Phenanthrene	11.398	178	605957	38.619	ng	100
72) Anthracene	11.451	178	601930	38.955	ng	100
73) Carbazole	11.610	167	571386	37.753	ng	100
74) Di-n-butylphthalate	11.928	149	698939	39.349	ng	100
75) Fluoranthene	12.592	202	676693	37.448	ng	99
77) Benzidine	12.716	184	165063	37.705	ng	99
78) Pyrene	12.822	202	693296	36.348	ng	100
80) Butylbenzylphthalate	13.427	149	279336	39.801	ng	100
81) Benzo(a)anthracene	14.016	228	584415	38.444	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	179277	39.088	ng	98
83) Chrysene	14.051	228	539142	39.002	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	389128	42.999	ng	99
85) Di-n-octyl phthalate	14.616	149	604409	44.146	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	576644	46.297	ng	100
88) Benzo(b)fluoranthene	15.086	252	580797	41.921	ng	100
89) Benzo(k)fluoranthene	15.116	252	423225	35.611	ng	100
90) Benzo(a)pyrene	15.457	252	424036	39.087	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	481595	46.673	ng	98
92) Benzo(g,h,i)perylene	17.480	276	482409	45.935	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

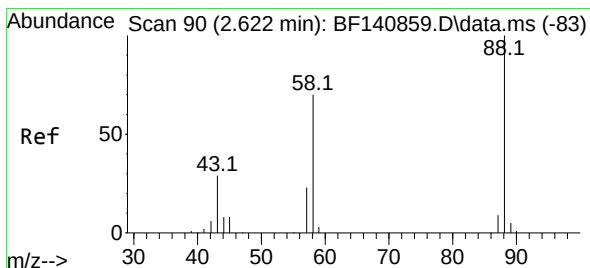
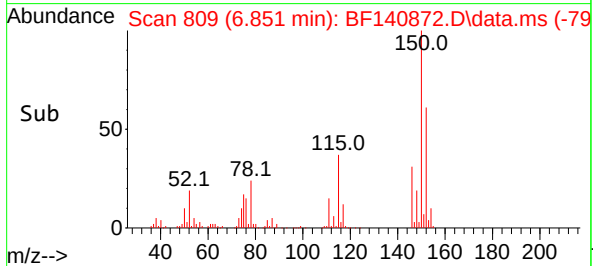
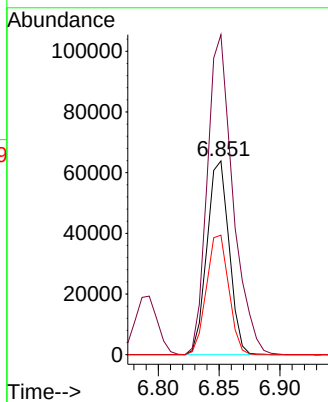
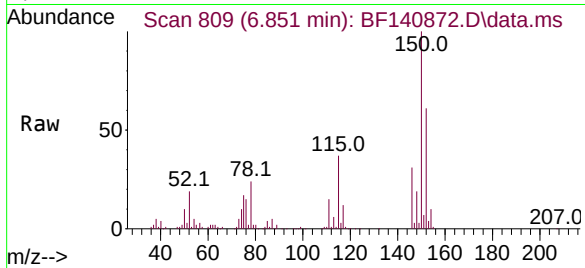
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

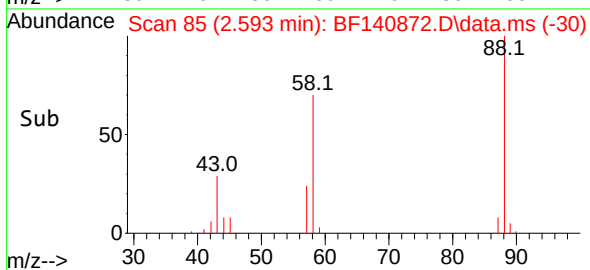
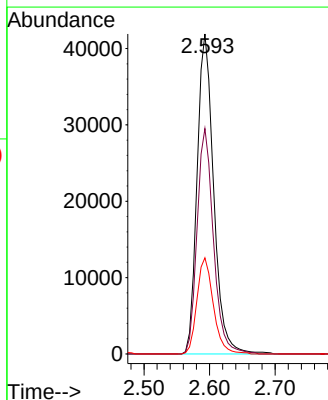
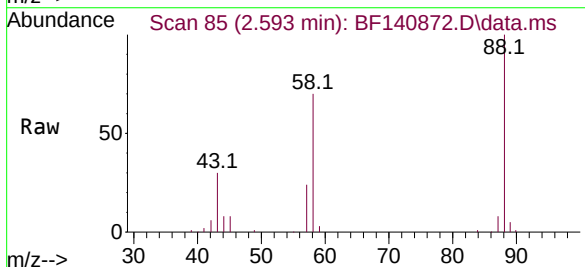
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

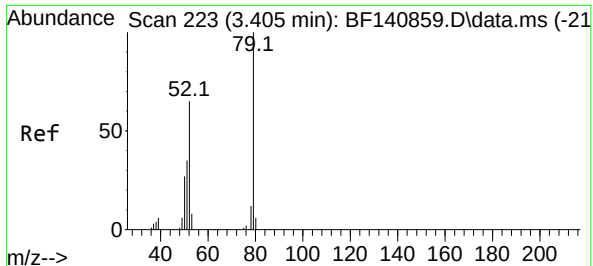
Tgt Ion:152 Resp: 80900
Ion Ratio Lower Upper
152 100
150 165.2 127.9 191.9
115 61.7 48.0 72.0



#2
1,4-Dioxane
Concen: 34.924 ng
RT: 2.593 min Scan# 85
Delta R.T. -0.029 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 88 Resp: 73928
Ion Ratio Lower Upper
88 100
58 69.4 55.8 83.8
43 29.8 22.7 34.1





#3

Pyridine

Concen: 42.204 ng

RT: 3.375 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

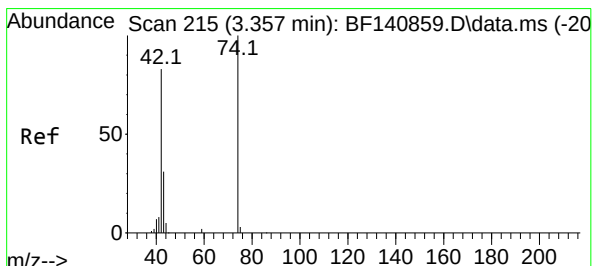
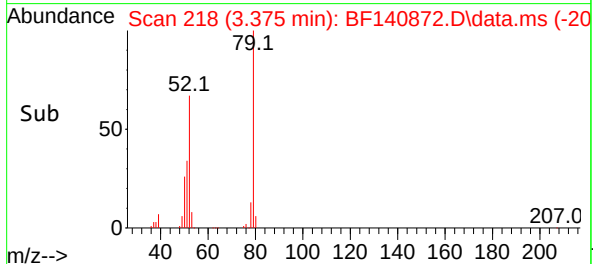
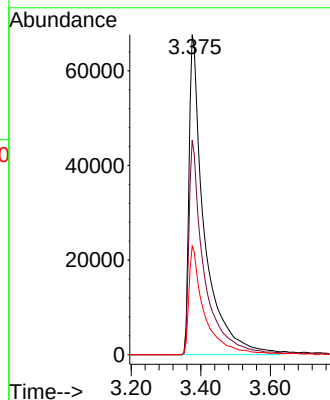
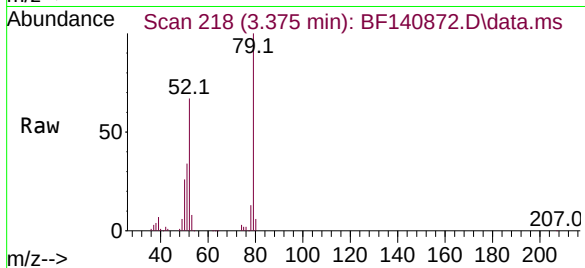
Tgt Ion: 79 Resp: 206893

Ion	Ratio	Lower	Upper

79	100		

52	67.1	51.7	77.5

51	33.9	28.2	42.4



#4

n-Nitrosodimethylamine

Concen: 38.757 ng

RT: 3.328 min Scan# 210

Delta R.T. -0.029 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

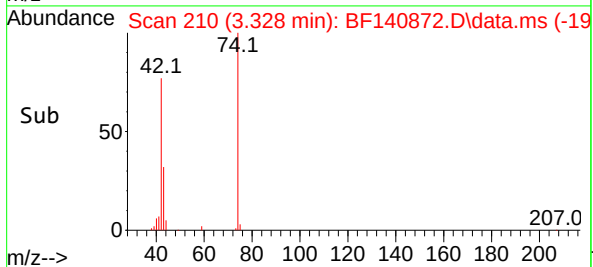
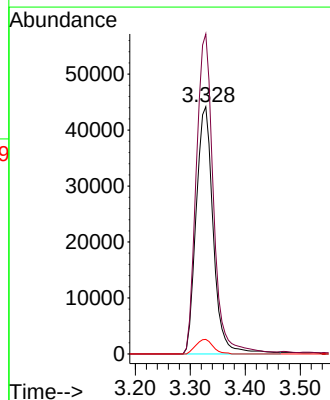
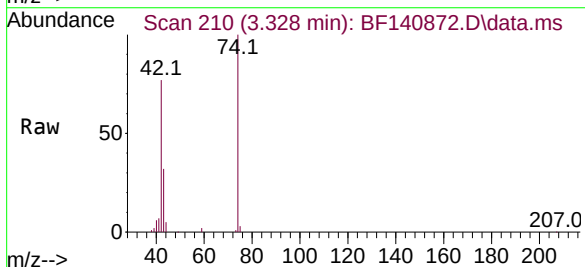
Tgt Ion: 42 Resp: 95781

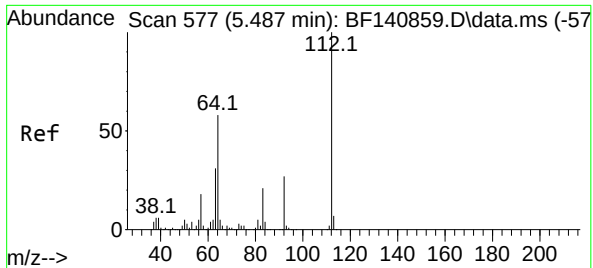
Ion	Ratio	Lower	Upper

42	100		

74	129.5	96.9	145.3

44	5.9	4.4	6.6

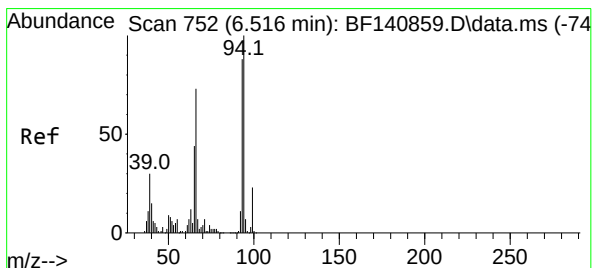
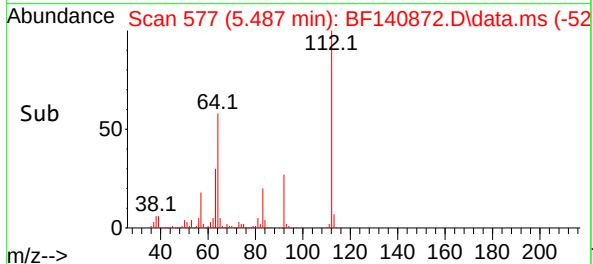
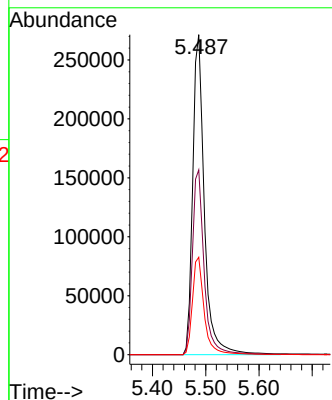
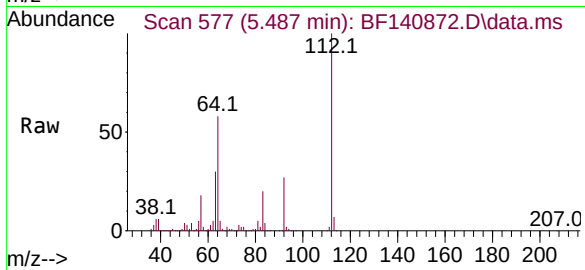




#5
2-Fluorophenol
Concen: 84.193 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

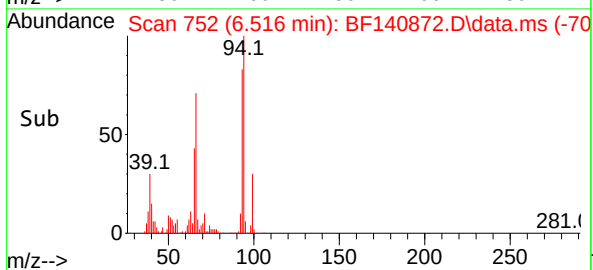
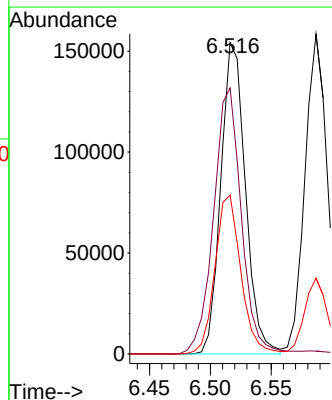
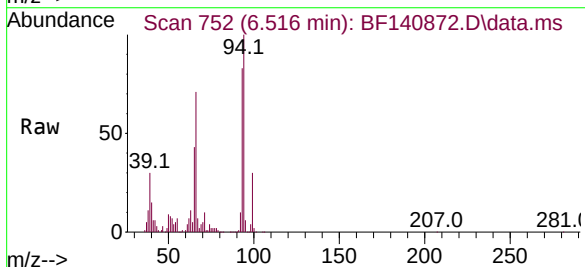
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

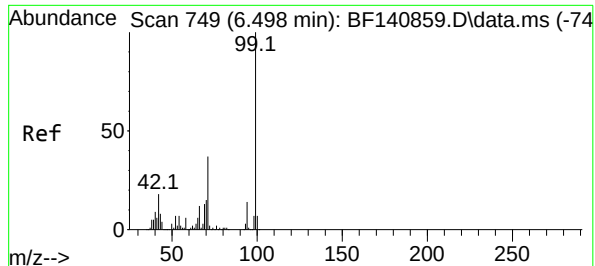
Tgt Ion: 112 Resp: 413757
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 30.5 24.9 37.3



#6
Aniline
Concen: 38.957 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 93 Resp: 216814
Ion Ratio Lower Upper
93 100
66 85.5 67.0 100.4
65 51.0 40.4 60.6





#7

Phenol-d6

Concen: 79.044 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

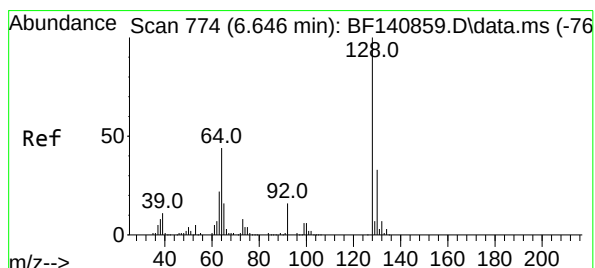
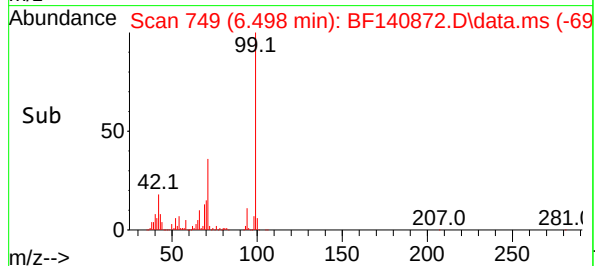
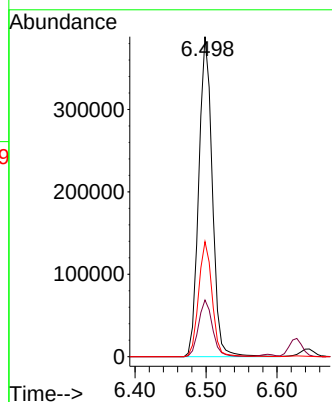
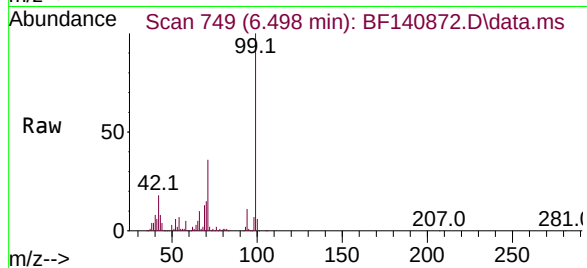
Tgt Ion: 99 Resp: 514513

Ion Ratio Lower Upper

99 100

42 17.7 14.3 21.5

71 36.0 29.9 44.9



#8

2-Chlorophenol

Concen: 39.211 ng

RT: 6.646 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

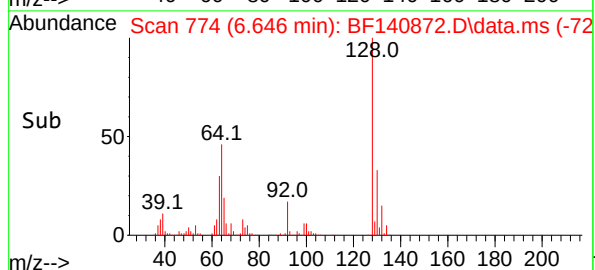
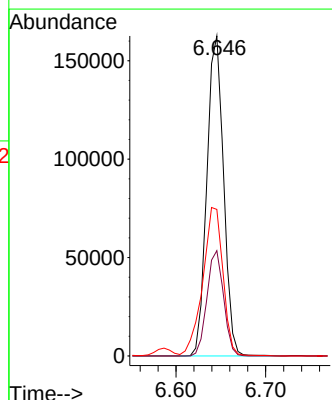
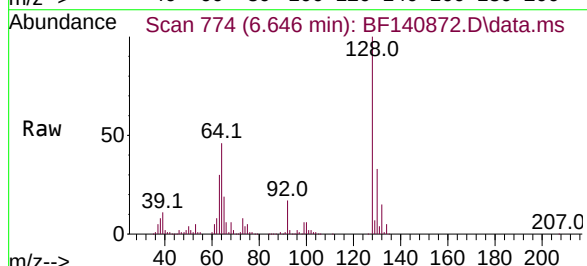
Tgt Ion: 128 Resp: 210139

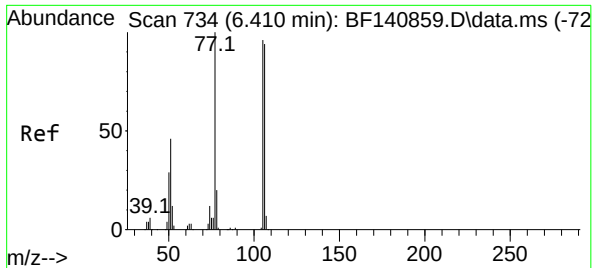
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 45.8 24.3 64.3

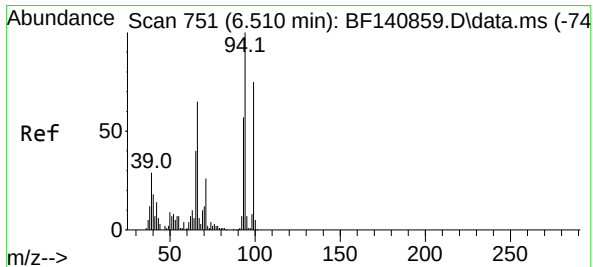
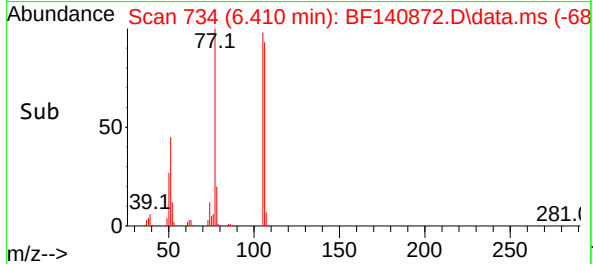
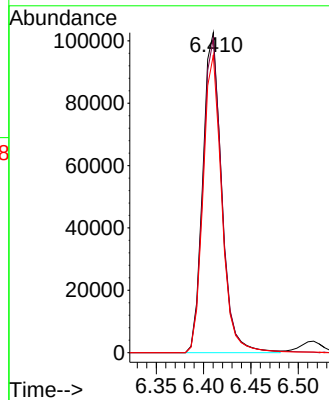
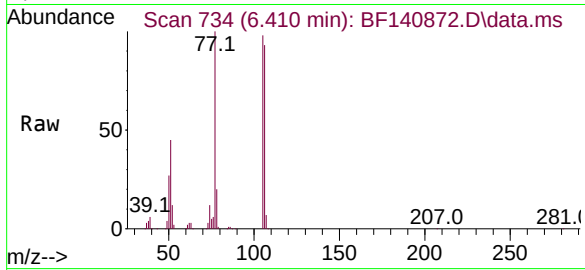




#9
Benzaldehyde
Concen: 39.340 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

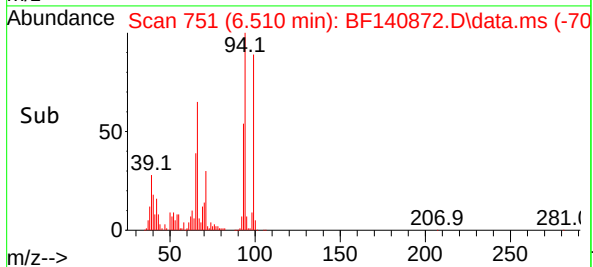
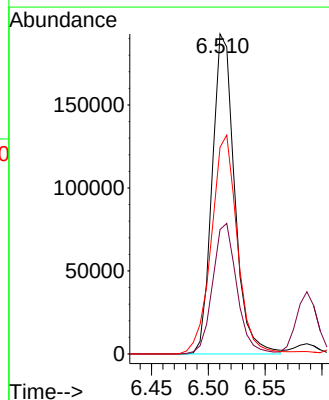
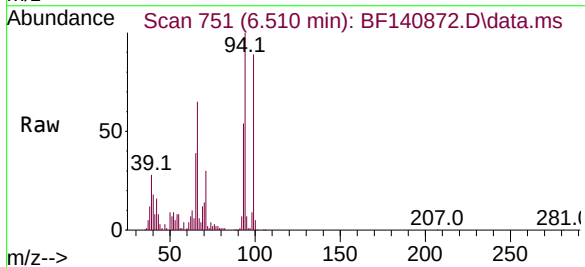
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

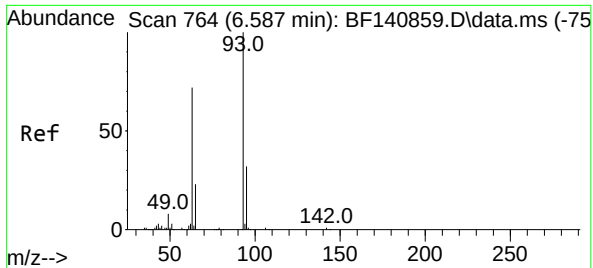
Tgt Ion: 77 Resp: 141884
Ion Ratio Lower Upper
77 100
105 98.1 75.8 115.8
106 93.0 74.1 114.1



#10
Phenol
Concen: 39.347 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 94 Resp: 265444
Ion Ratio Lower Upper
94 100
65 38.9 19.9 59.9
66 64.6 45.6 85.6

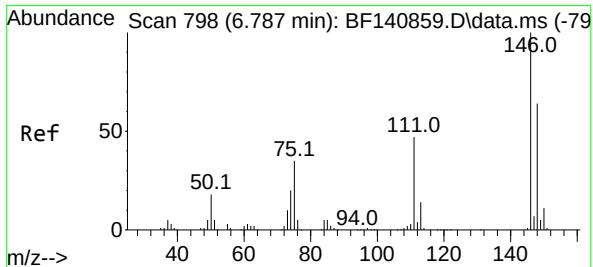
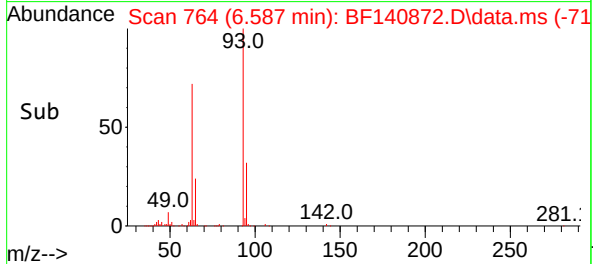
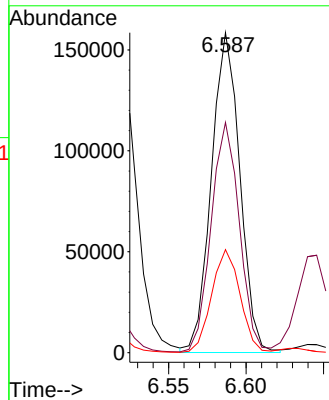
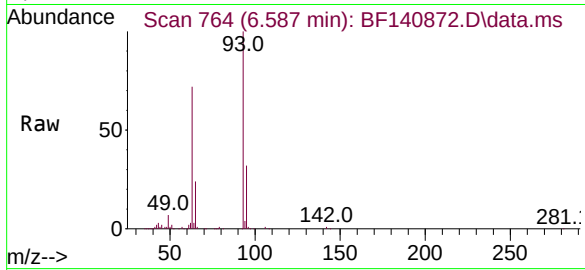




#11
bis(2-Chloroethyl)ether
Concen: 40.231 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

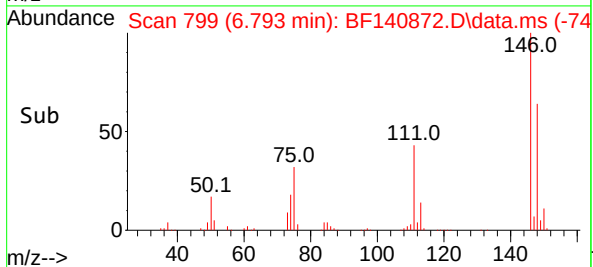
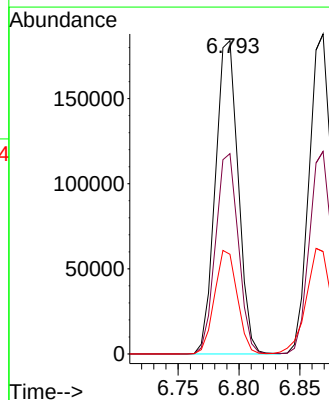
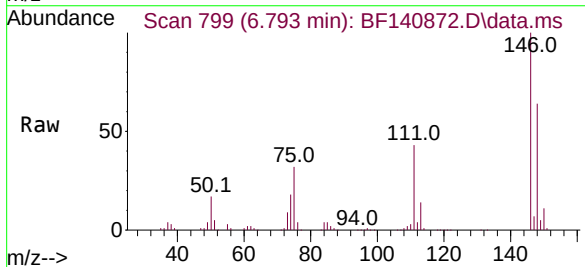
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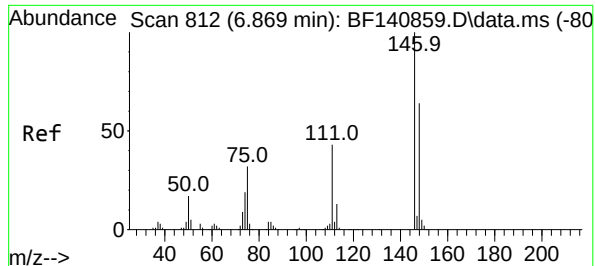
Tgt Ion: 93 Resp: 202408
Ion Ratio Lower Upper
93 100
63 72.0 51.0 91.0
95 32.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 39.401 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 146 Resp: 240606
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 31.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.194 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

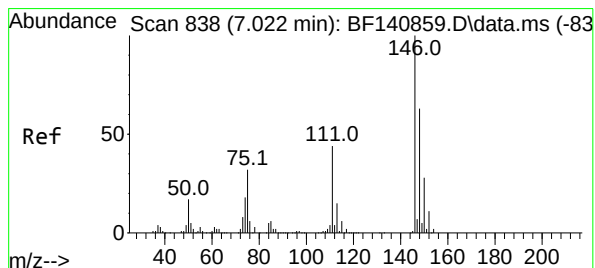
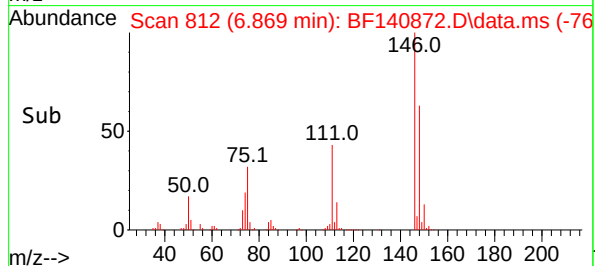
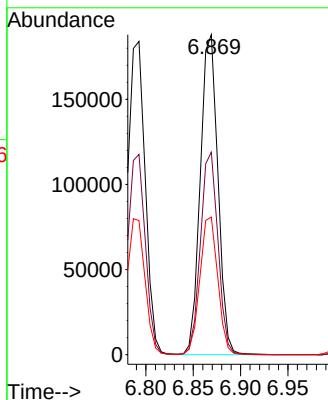
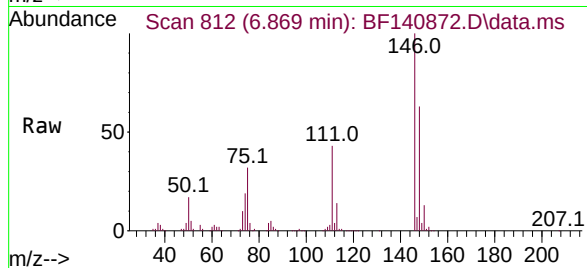
Tgt Ion:146 Resp: 242952

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 38.892 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

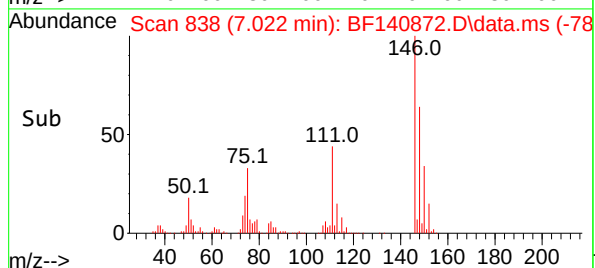
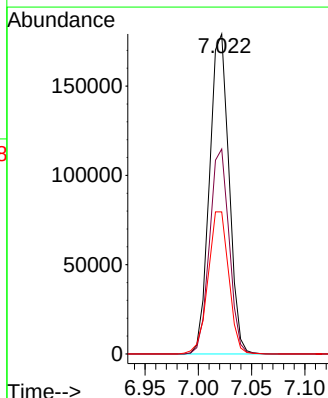
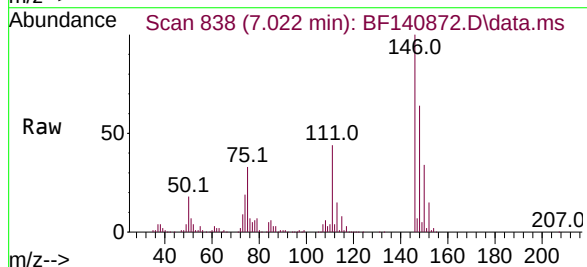
Tgt Ion:146 Resp: 227459

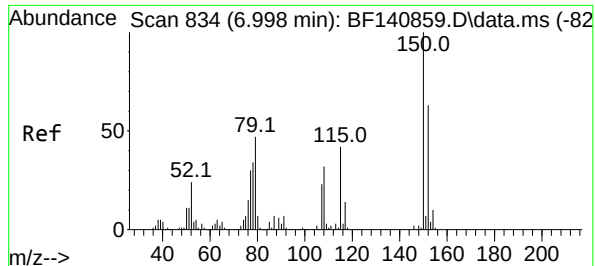
Ion Ratio Lower Upper

146 100

148 64.0 50.0 75.0

111 44.4 35.6 53.4





#15

Benzyl Alcohol

Concen: 39.090 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

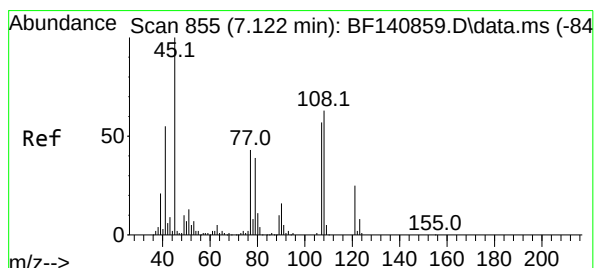
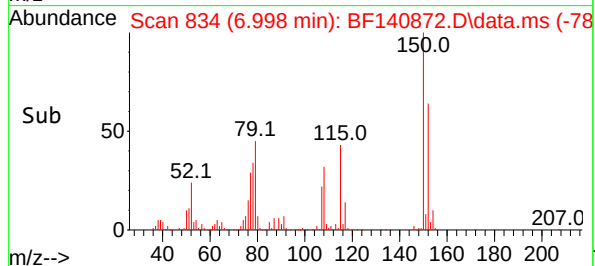
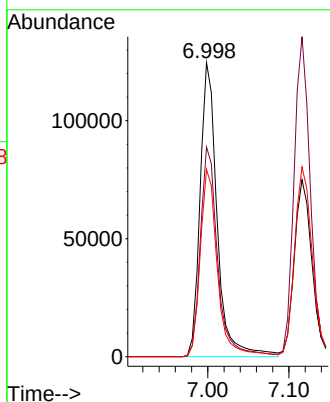
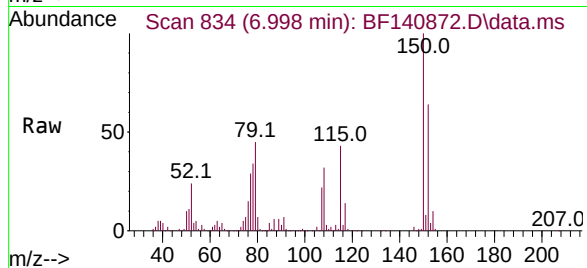
Tgt Ion: 79 Resp: 181928

Ion Ratio Lower Upper

79 100

108 71.4 55.1 82.7

77 63.7 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.589 ng

RT: 7.122 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

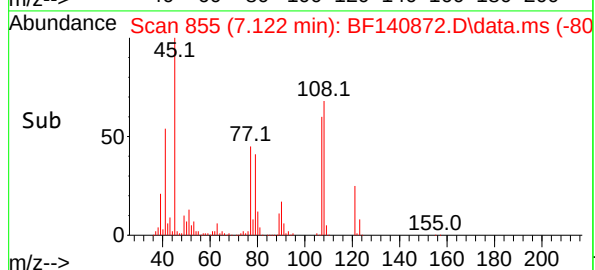
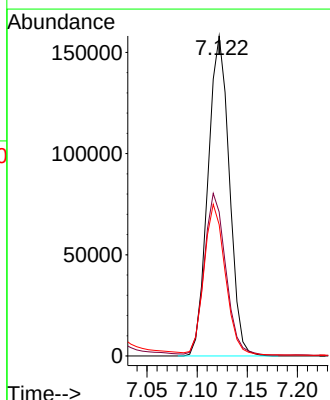
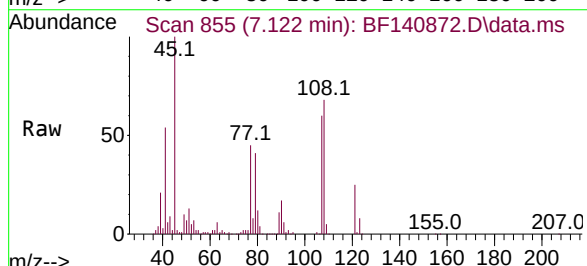
Tgt Ion: 45 Resp: 234637

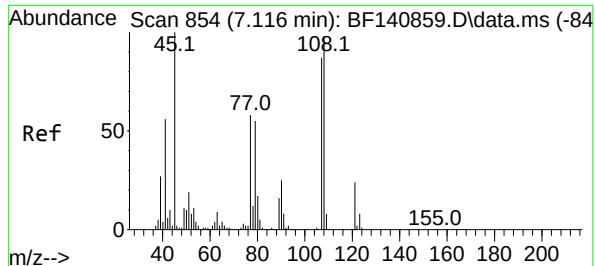
Ion Ratio Lower Upper

45 100

77 45.0 23.3 63.3

79 41.1 20.0 60.0

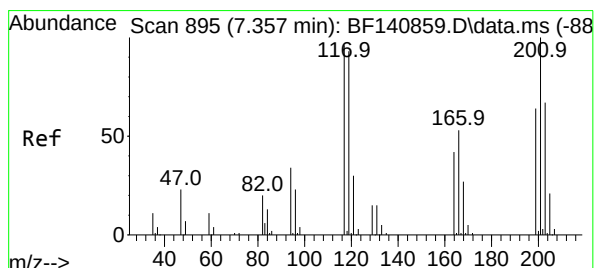
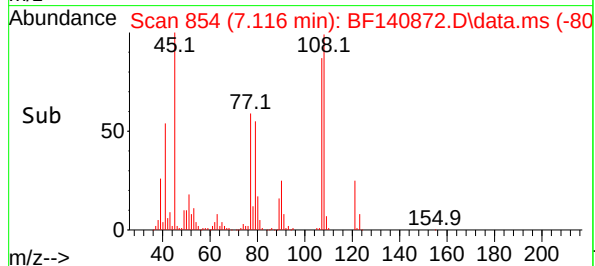
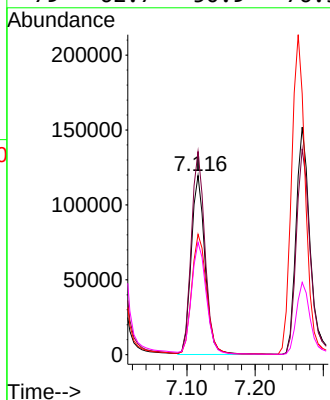
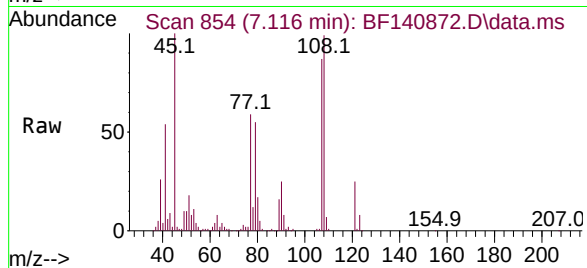




#17
2-Methylphenol
Concen: 39.323 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

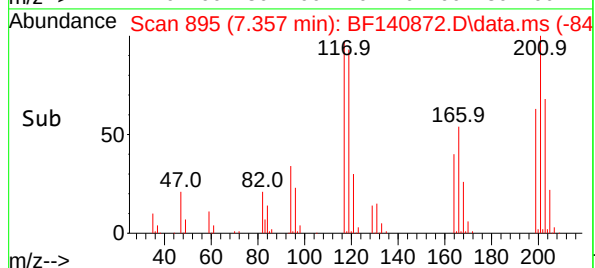
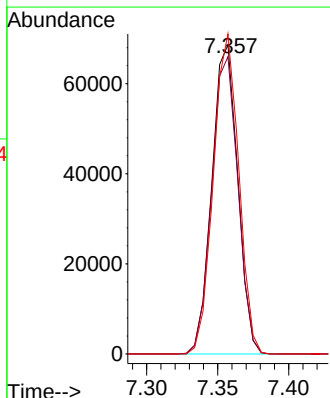
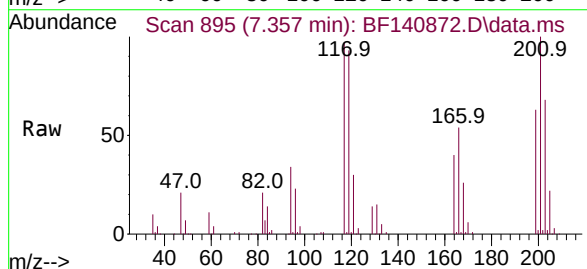
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

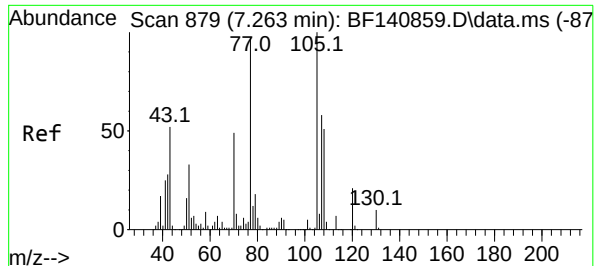
Tgt Ion:	107	Resp:	168251
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.4
77	67.2	53.8	80.6
79	62.7	50.9	76.3



#18
Hexachloroethane
Concen: 37.677 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:	117	Resp:	86943
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	103.5	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.265 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 149405

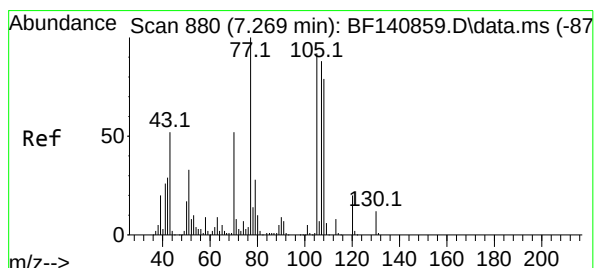
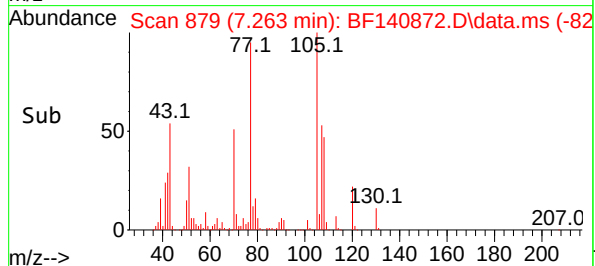
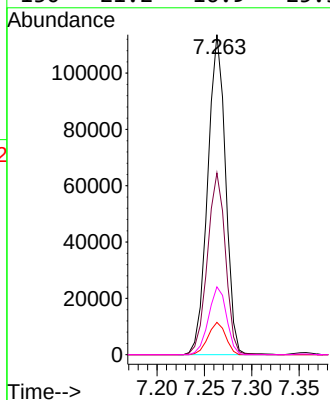
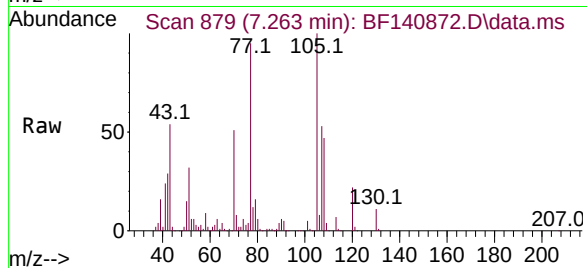
Ion Ratio Lower Upper

70 100

42 56.8 45.3 67.9

101 10.1 8.0 12.0

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.252 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion: 107 Resp: 217025

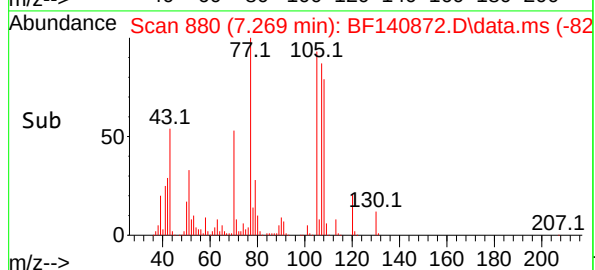
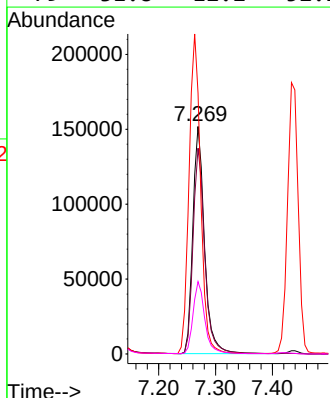
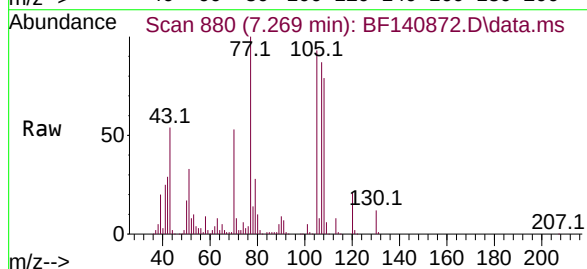
Ion Ratio Lower Upper

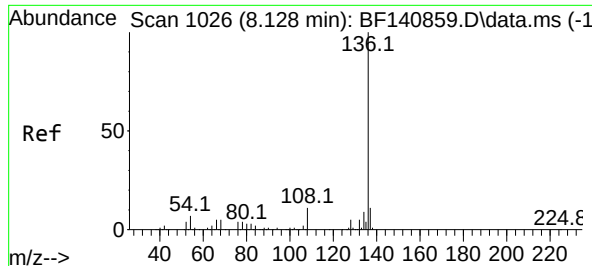
107 100

108 90.4 70.1 110.1

77 114.6 94.4 134.4

79 31.8 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: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 293024

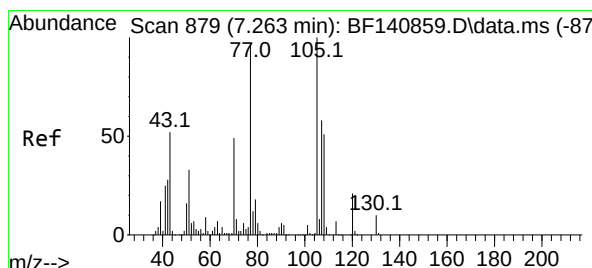
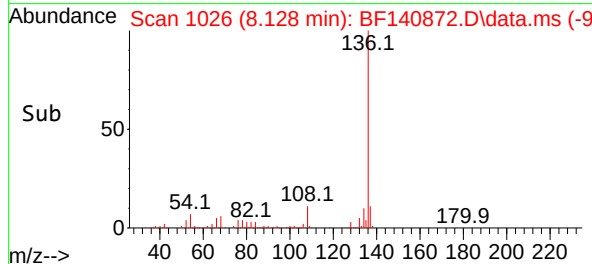
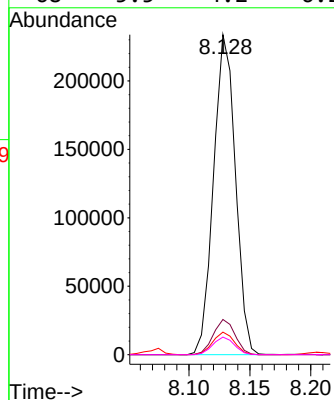
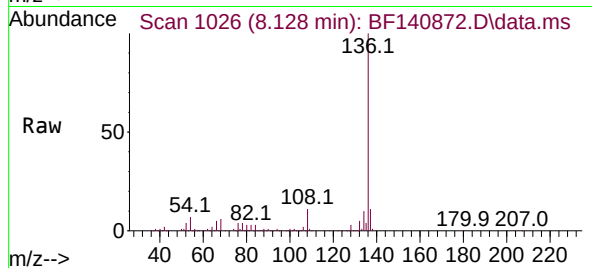
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.1 5.6 8.4

68 5.5 4.2 6.2



#22

Acetophenone

Concen: 40.145 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:105 Resp: 294268

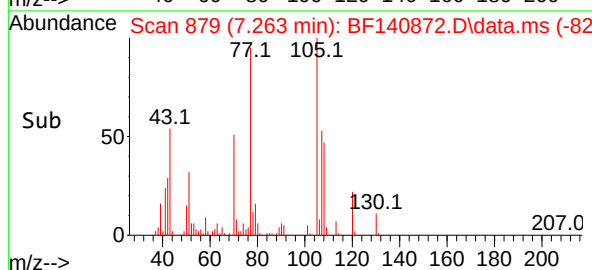
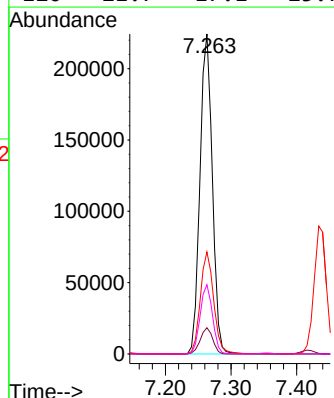
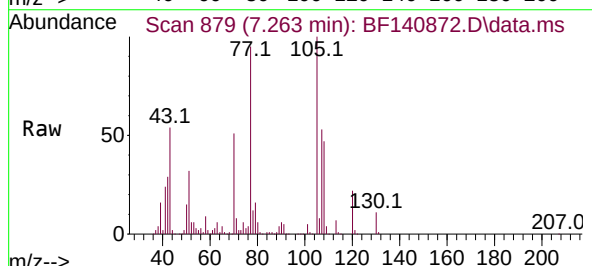
Ion Ratio Lower Upper

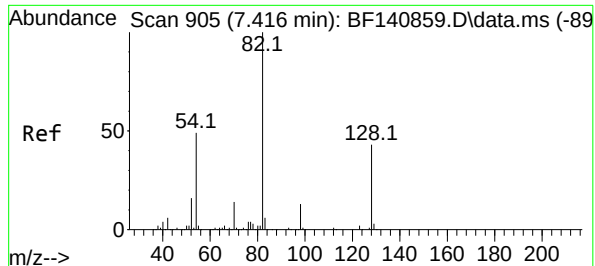
105 100

71 8.2 6.2 9.4

51 31.9 26.3 39.5

120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 79.283 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

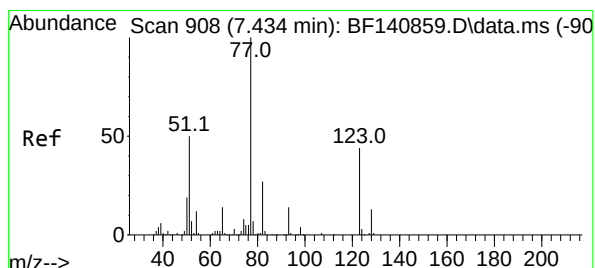
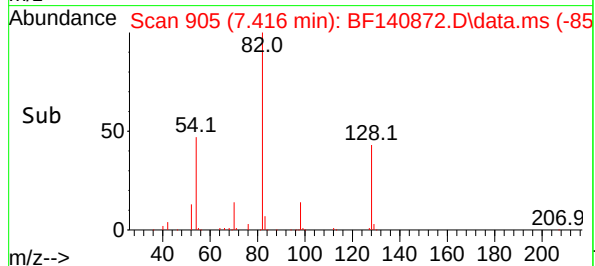
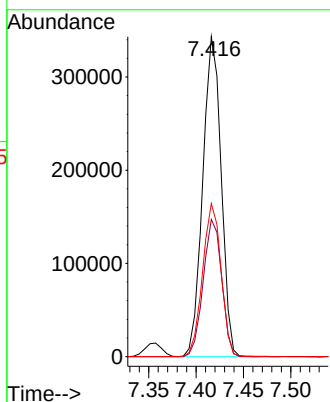
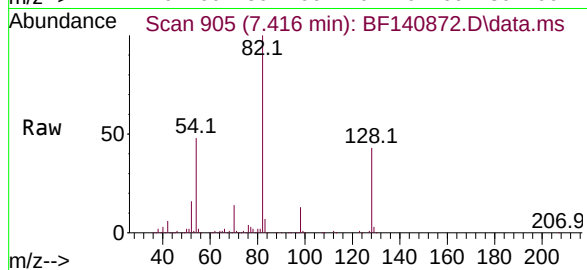
Tgt Ion: 82 Resp: 464348

Ion Ratio Lower Upper

82 100

128 42.9 34.4 51.6

54 47.9 38.8 58.2



#24

Nitrobenzene

Concen: 39.430 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

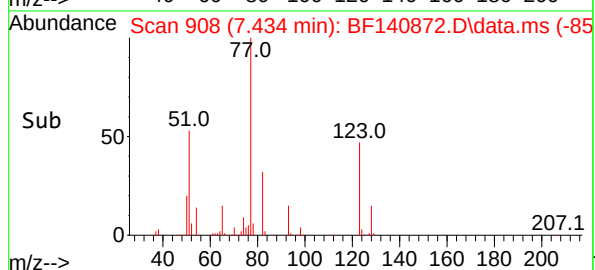
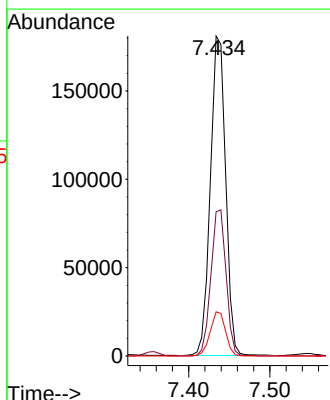
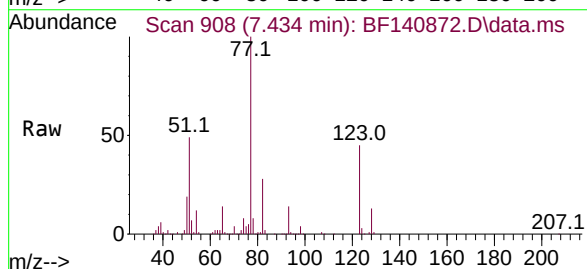
Tgt Ion: 77 Resp: 236583

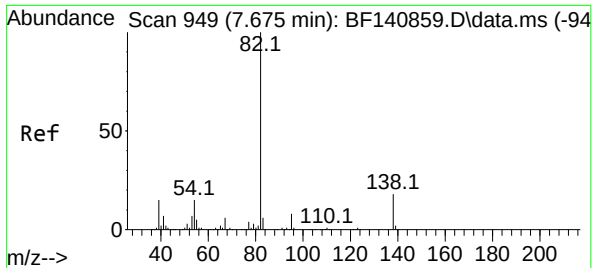
Ion Ratio Lower Upper

77 100

123 45.0 35.0 52.4

65 13.8 11.4 17.0

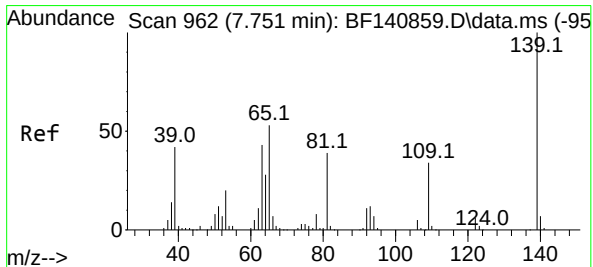
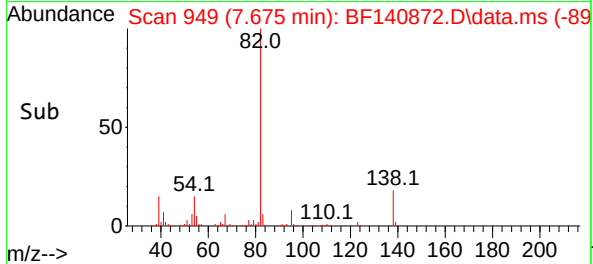
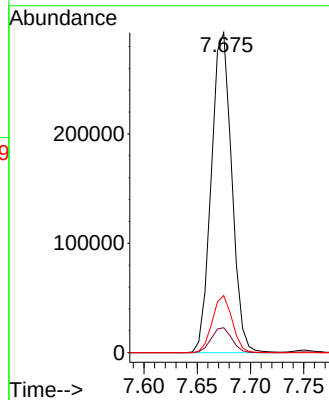
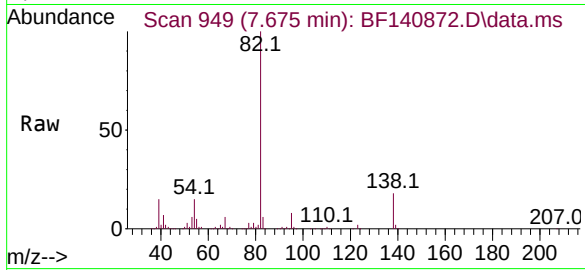




#25
Isophorone
Concen: 39.733 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

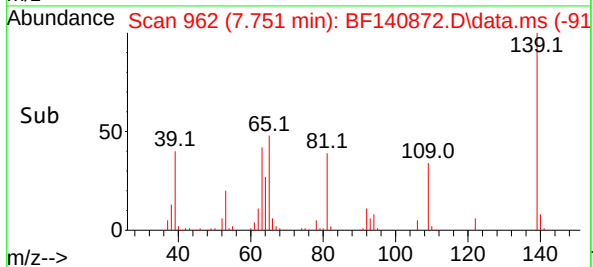
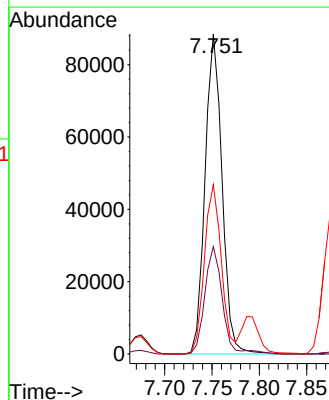
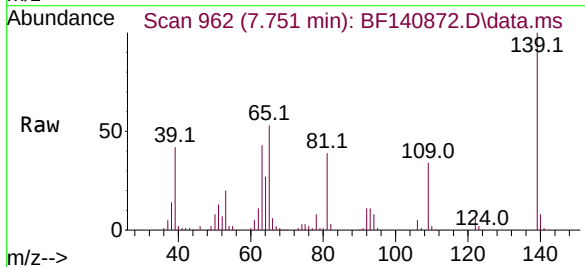
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

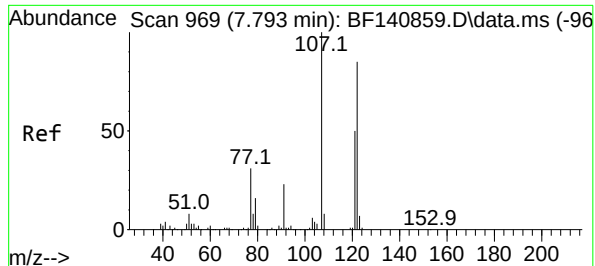
Tgt Ion: 82 Resp: 389913
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.9 14.1 21.1



#26
2-Nitrophenol
Concen: 39.907 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion: 139 Resp: 110281
Ion Ratio Lower Upper
139 100
109 33.5 26.9 40.3
65 52.9 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.367 ng

RT: 7.793 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

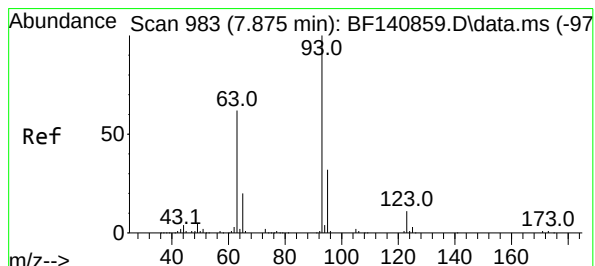
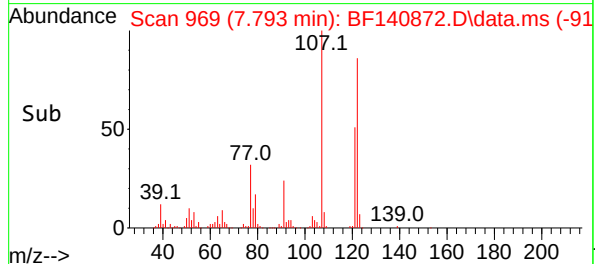
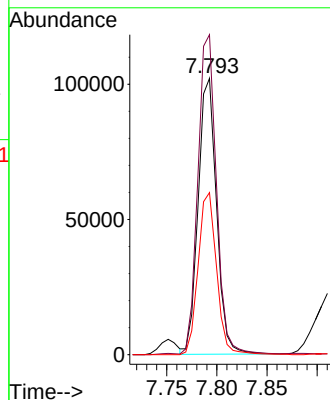
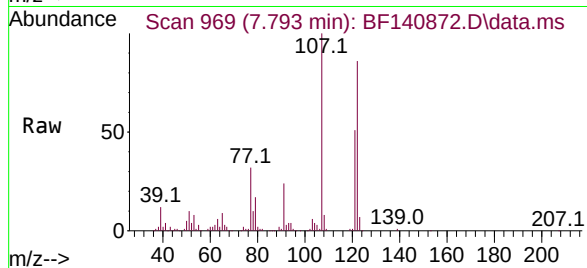
Tgt Ion:122 Resp: 130275

Ion Ratio Lower Upper

122 100

107 115.8 92.6 139.0

121 58.7 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.898 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

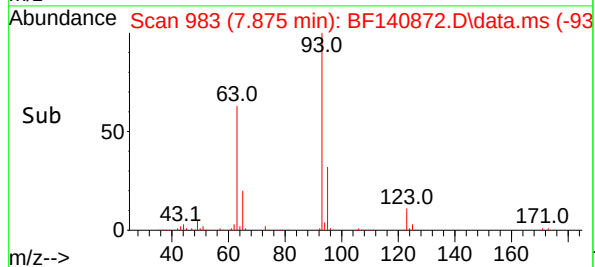
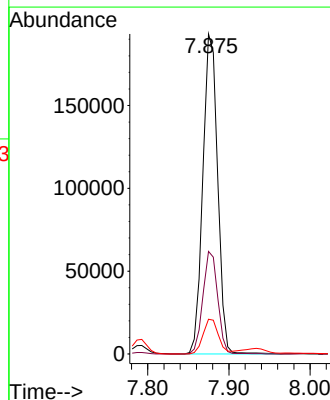
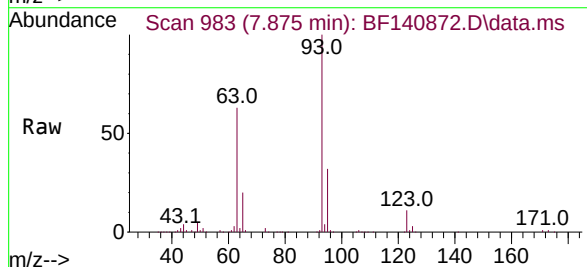
Tgt Ion: 93 Resp: 244546

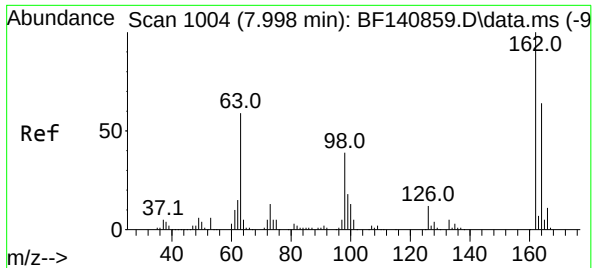
Ion Ratio Lower Upper

93 100

95 32.0 25.3 37.9

123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.416 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

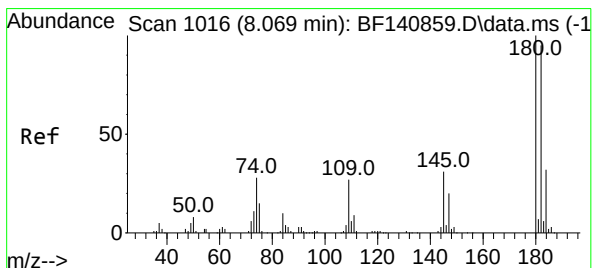
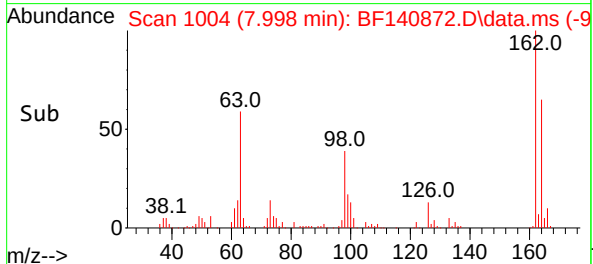
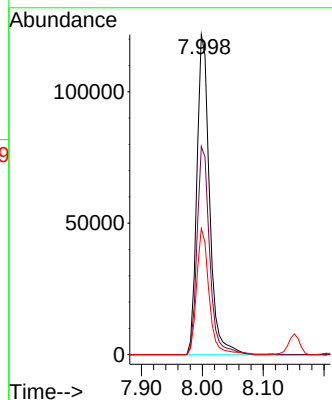
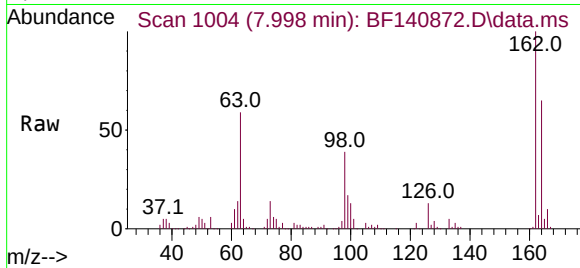
Tgt Ion:162 Resp: 175621

Ion Ratio Lower Upper

162 100

164 65.0 43.7 83.7

98 39.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 39.674 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

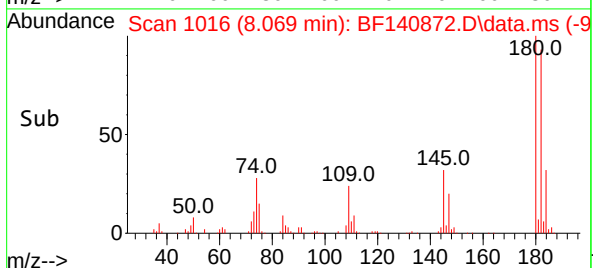
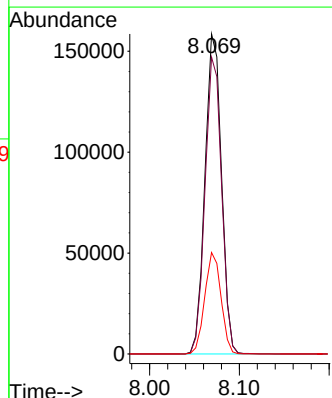
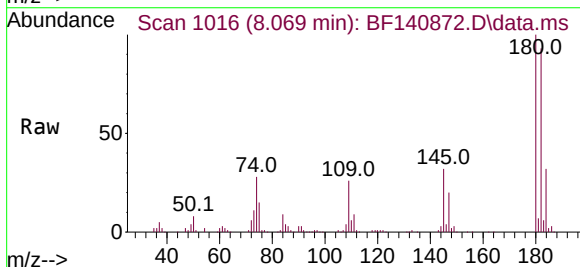
Tgt Ion:180 Resp: 202643

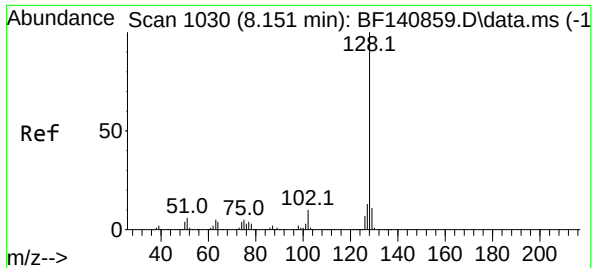
Ion Ratio Lower Upper

180 100

182 92.7 75.8 113.6

145 31.7 25.2 37.8





#31

Naphthalene

Concen: 39.230 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

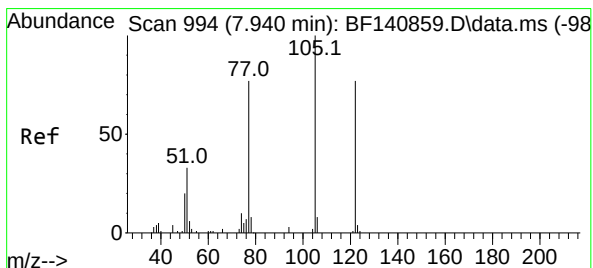
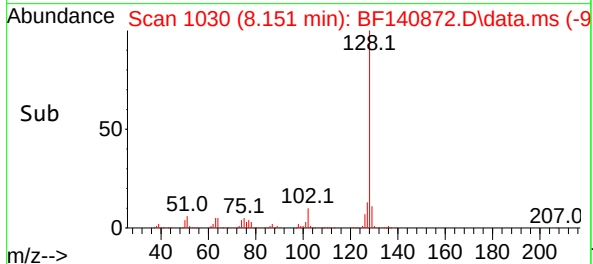
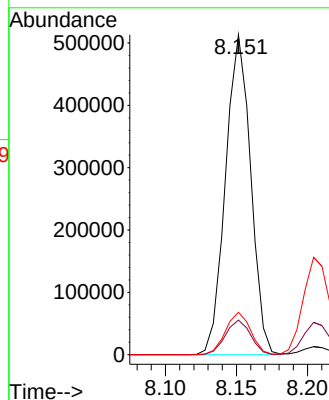
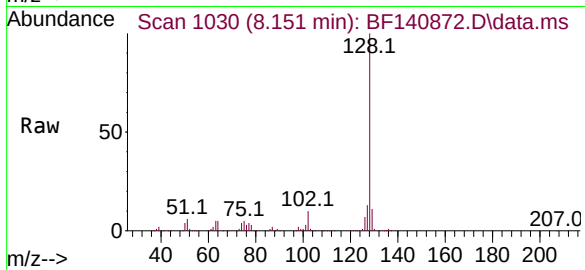
Tgt Ion:128 Resp: 631448

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 37.613 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

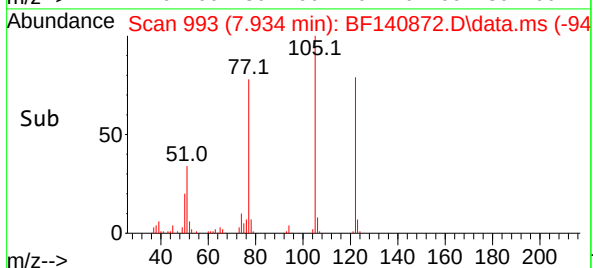
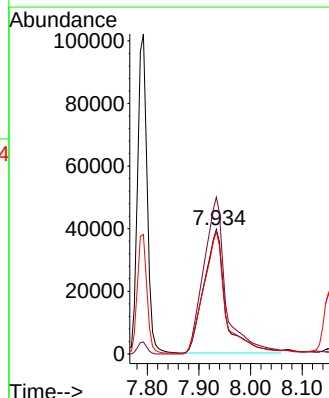
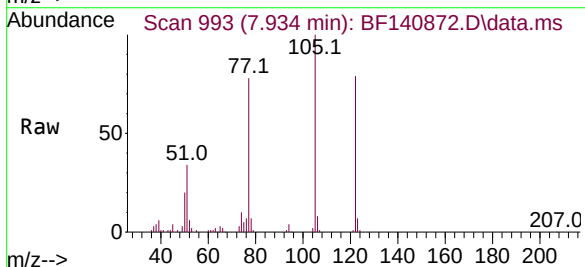
Tgt Ion:122 Resp: 115124

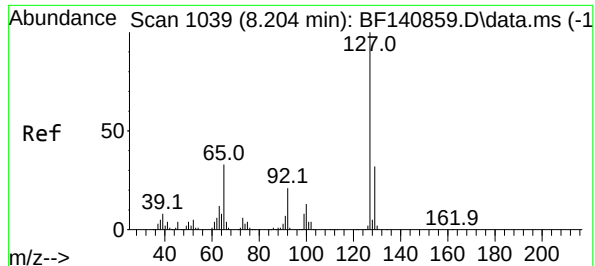
Ion Ratio Lower Upper

122 100

105 126.0 108.3 148.3

77 98.3 78.8 118.8





#33

4-Chloroaniline

Concen: 39.135 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 209212

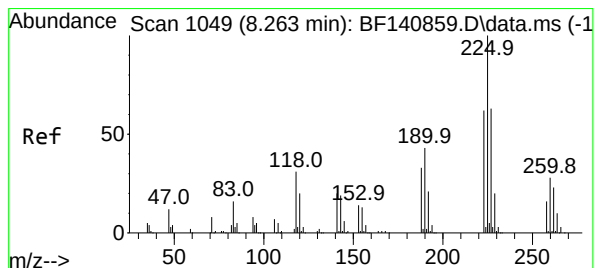
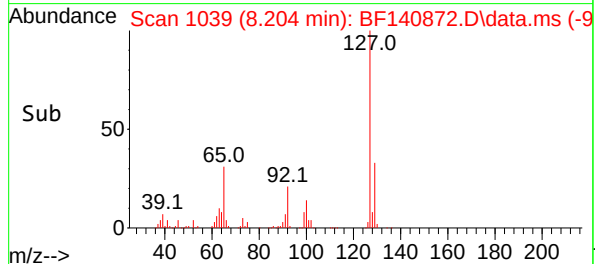
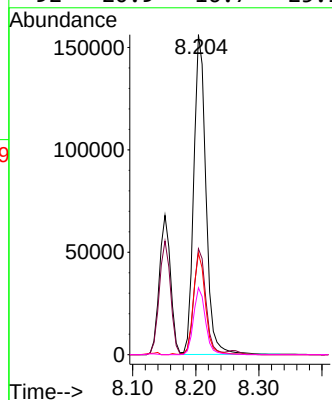
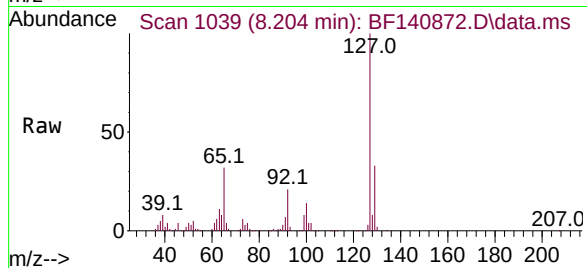
Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 31.7 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 38.326 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

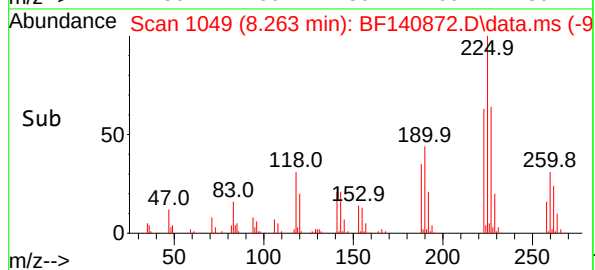
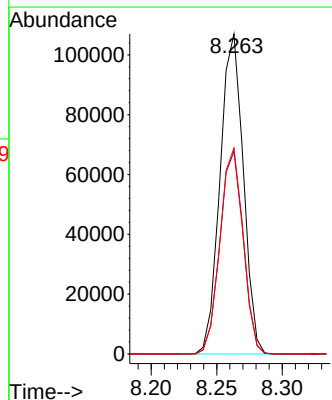
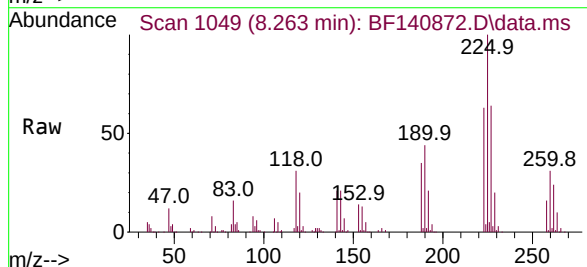
Tgt Ion:225 Resp: 131706

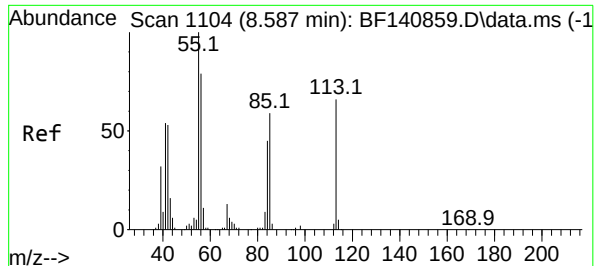
Ion Ratio Lower Upper

225 100

223 63.3 49.6 74.4

227 64.4 50.7 76.1





#35

Caprolactam

Concen: 41.467 ng

RT: 8.587 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

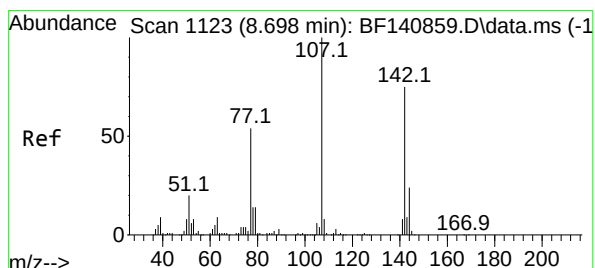
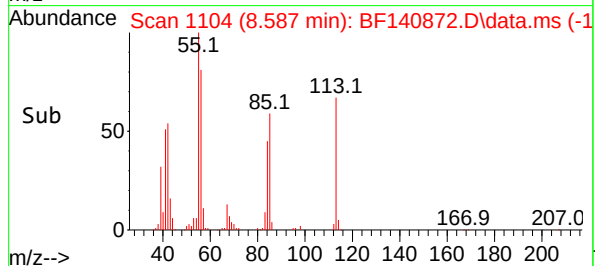
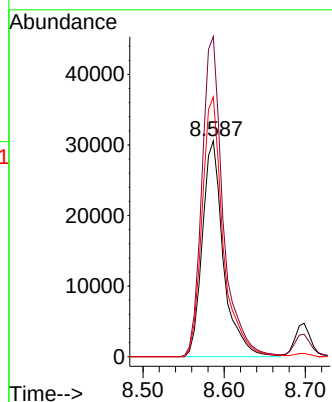
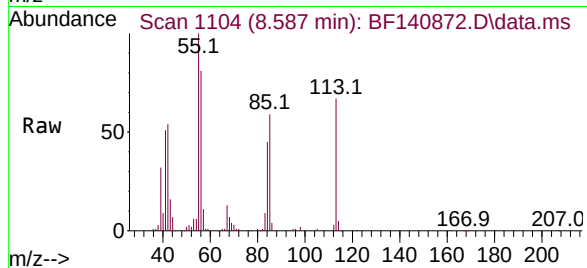
Tgt Ion:113 Resp: 55005

Ion Ratio Lower Upper

113 100

55 148.3 132.3 172.3

56 120.4 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 39.186 ng

RT: 8.698 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

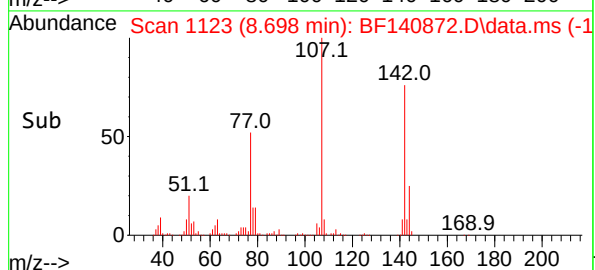
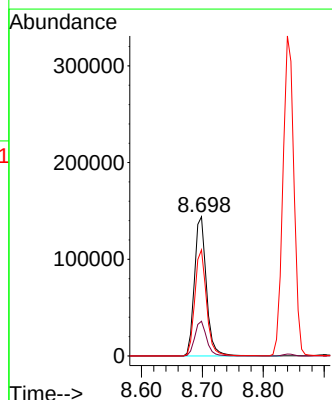
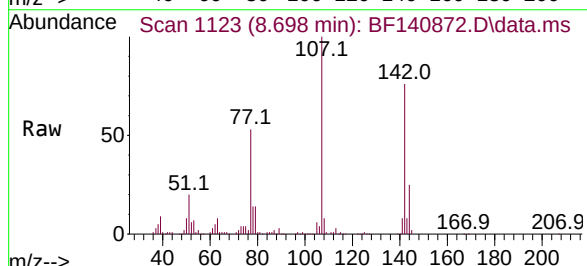
Tgt Ion:107 Resp: 196513

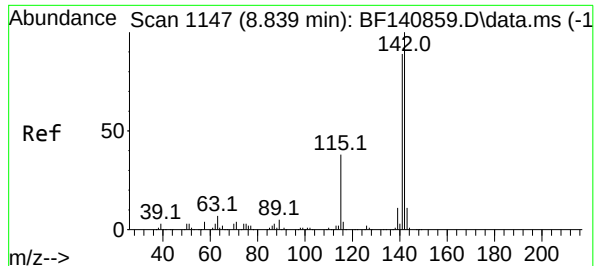
Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.2

142 76.2 60.3 90.5

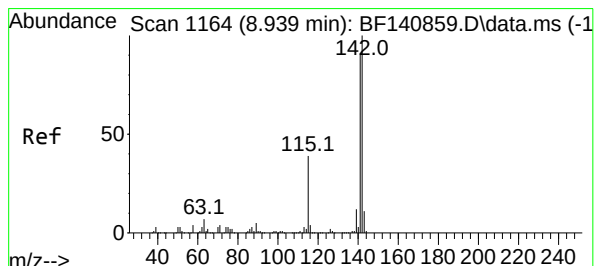
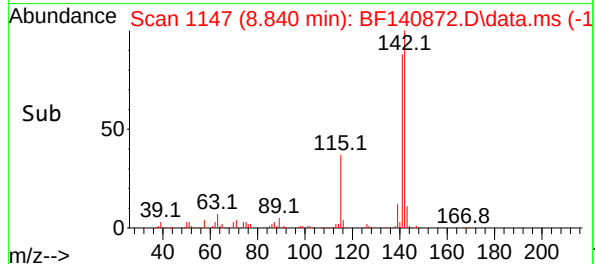
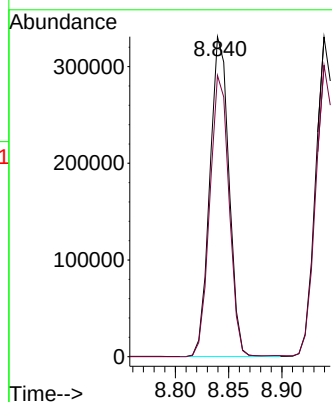
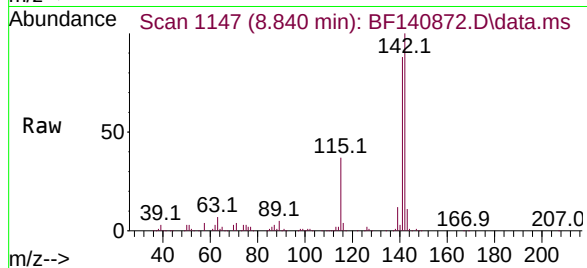




#37
2-Methylnaphthalene
Concen: 38.885 ng
RT: 8.840 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

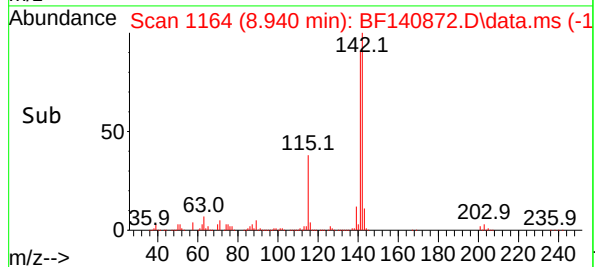
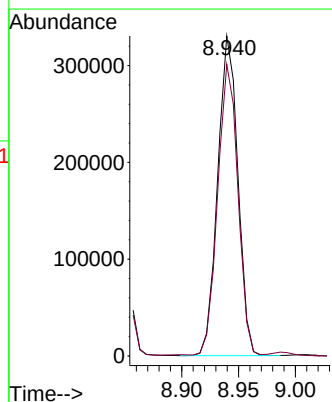
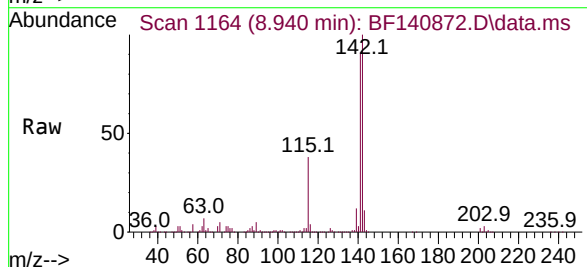
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

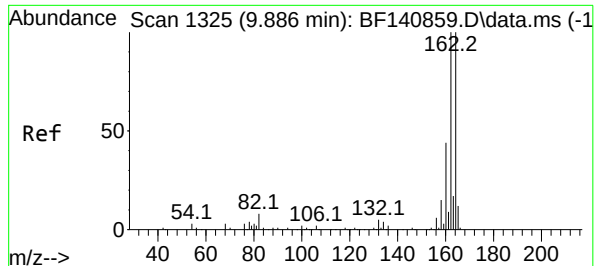
Tgt Ion:142 Resp: 414033
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6



#38
1-Methylnaphthalene
Concen: 38.753 ng
RT: 8.940 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:142 Resp: 408081
Ion Ratio Lower Upper
142 100
141 91.2 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: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

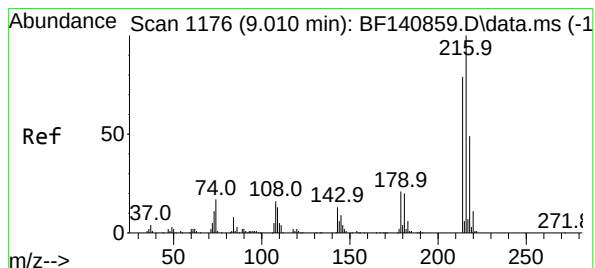
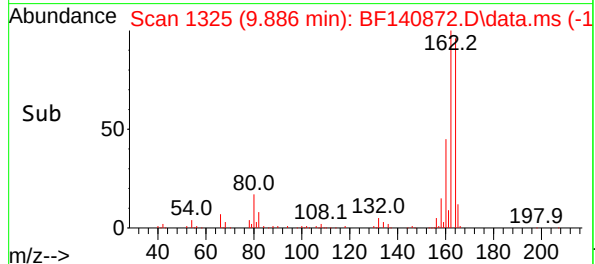
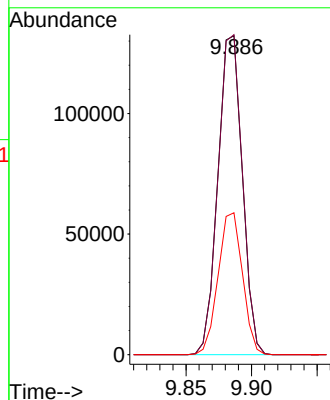
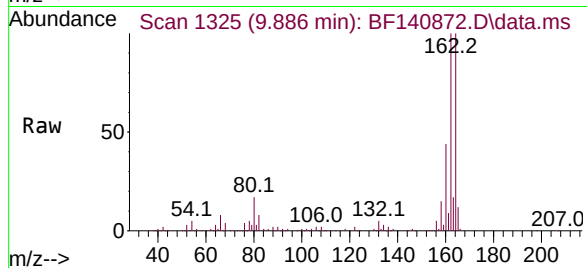
Tgt Ion:164 Resp: 171346

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 44.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.207 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:216 Resp: 206485

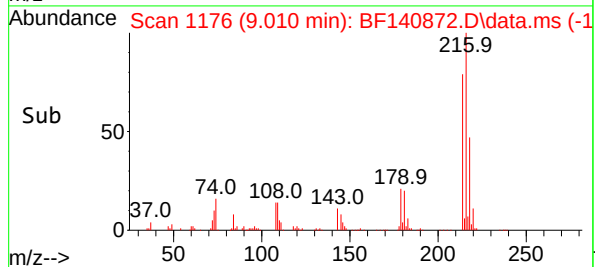
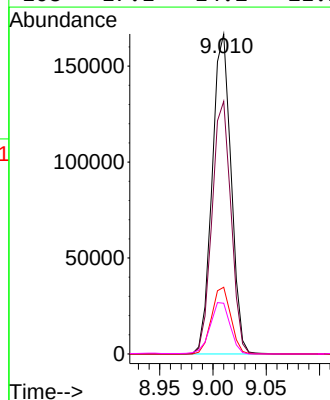
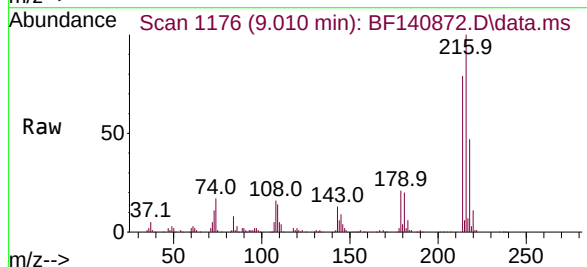
Ion Ratio Lower Upper

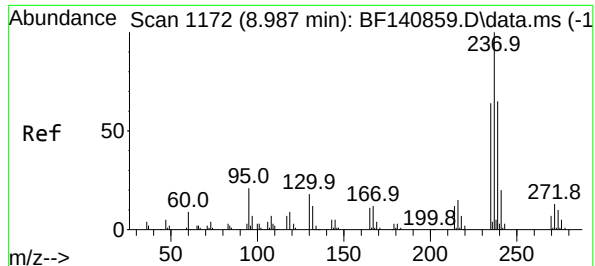
216 100

214 79.0 63.6 95.4

179 21.1 17.0 25.4

108 17.1 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 33.129 ng

RT: 8.987 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

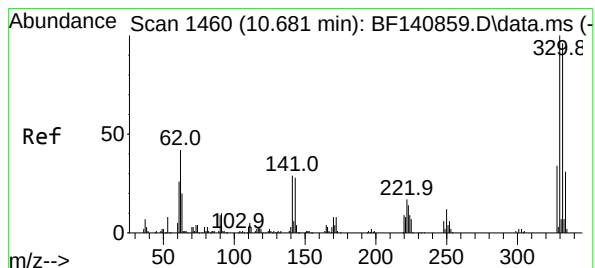
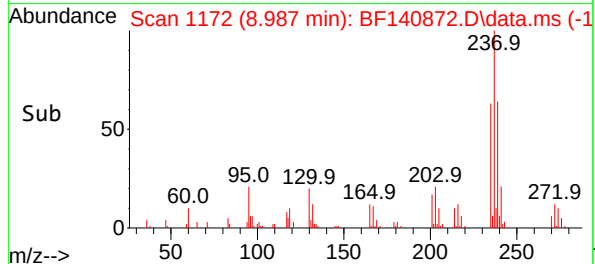
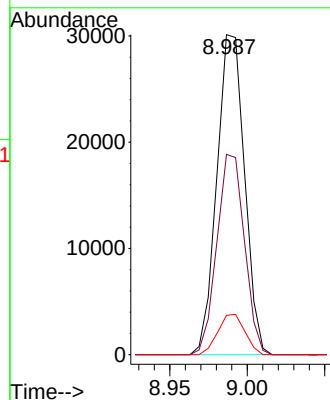
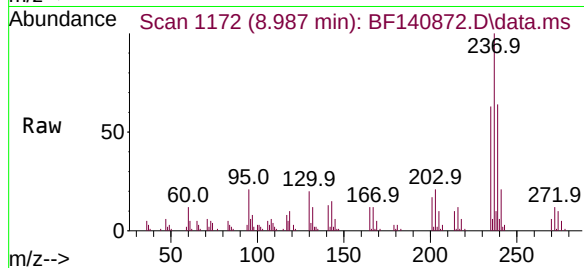
Tgt Ion:237 Resp: 37471

Ion Ratio Lower Upper

237 100

235 62.6 43.7 83.7

272 12.3 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 72.199 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

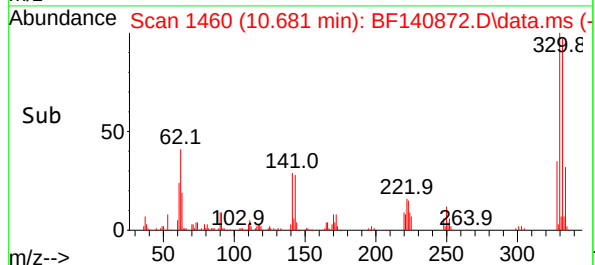
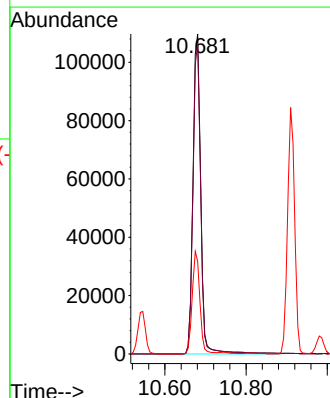
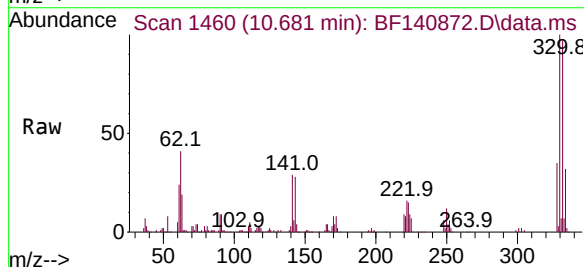
Tgt Ion:330 Resp: 146313

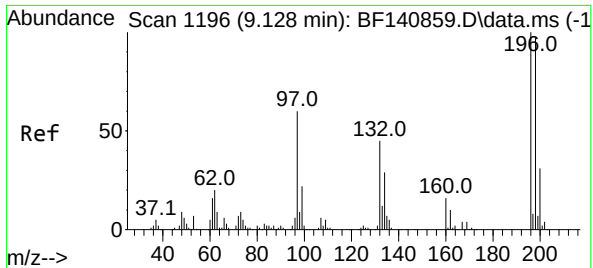
Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 31.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 39.412 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

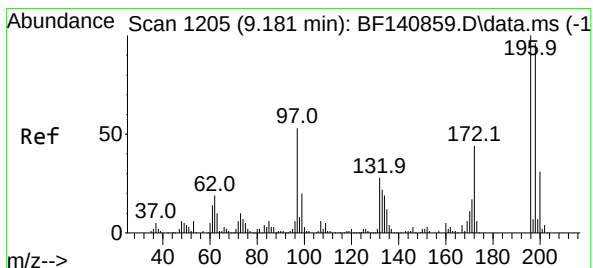
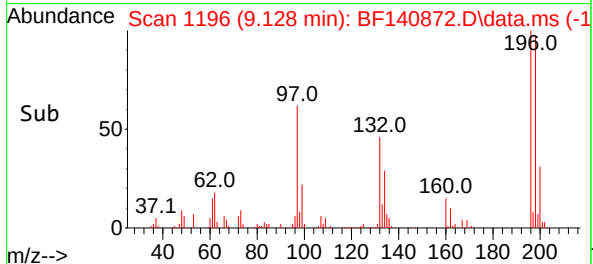
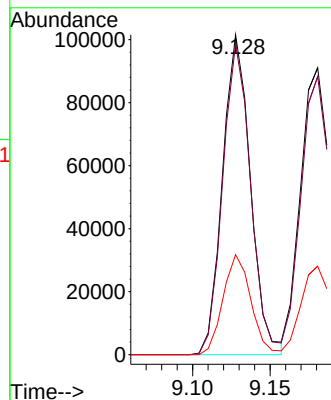
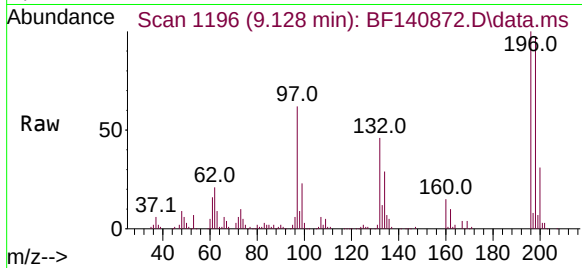
Tgt Ion:196 Resp: 127096

Ion Ratio Lower Upper

196 100

198 97.2 77.4 116.0

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.966 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Tgt Ion:196 Resp: 138117

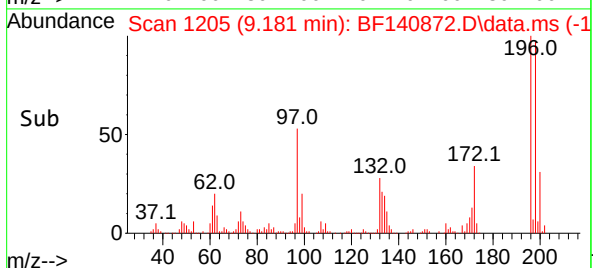
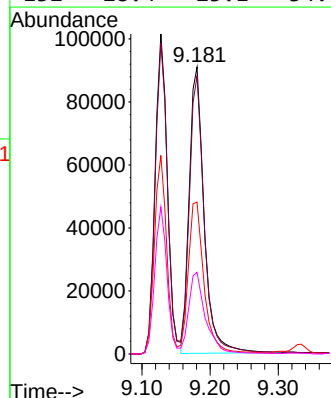
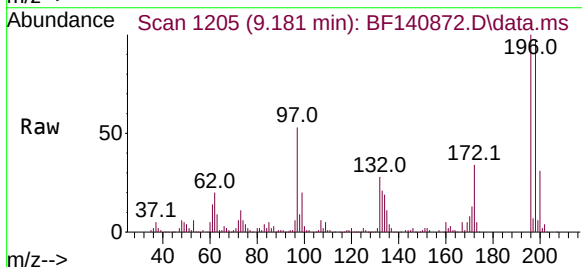
Ion Ratio Lower Upper

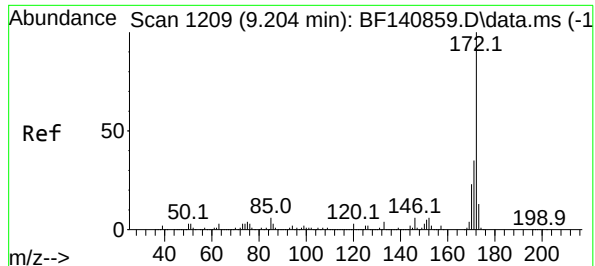
196 100

198 96.9 77.2 115.8

97 52.9 42.2 63.4

132 28.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 77.008 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

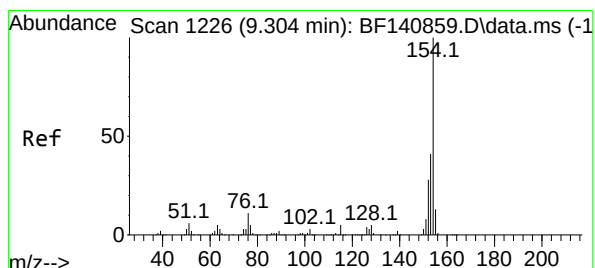
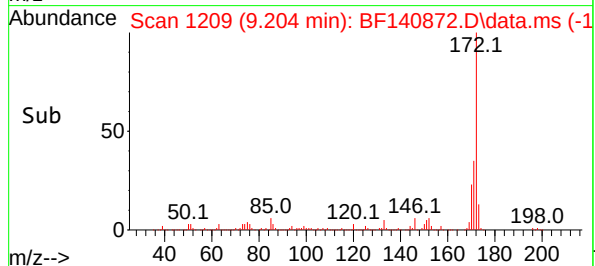
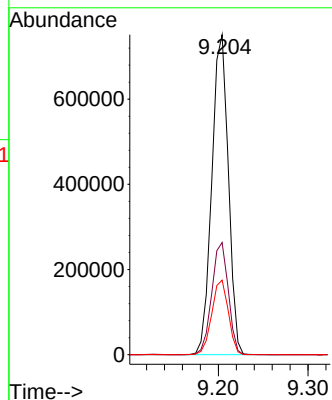
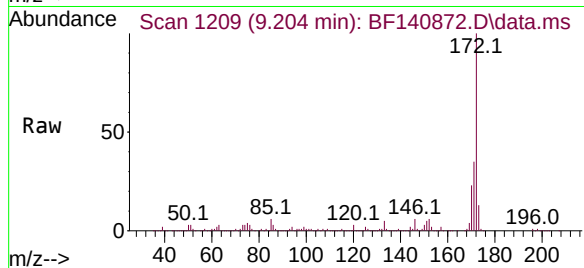
Tgt Ion:172 Resp: 959748

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.718 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

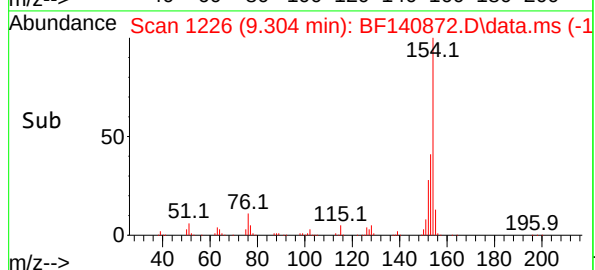
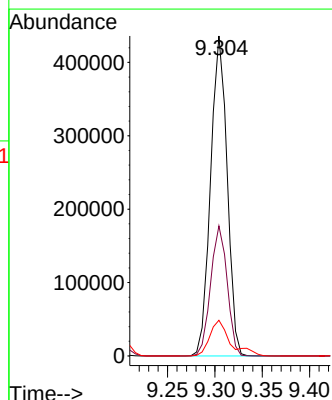
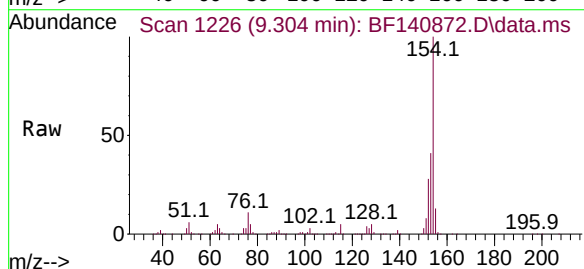
Tgt Ion:154 Resp: 527541

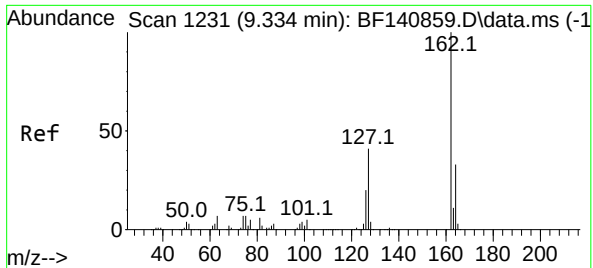
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 38.480 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

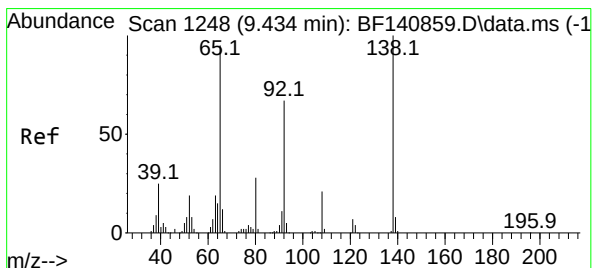
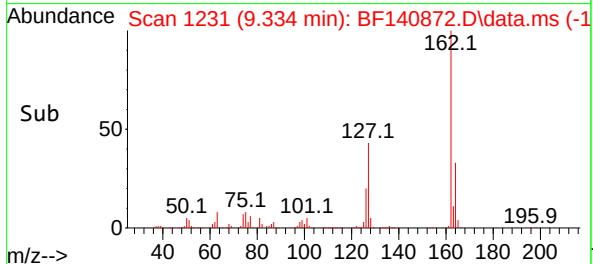
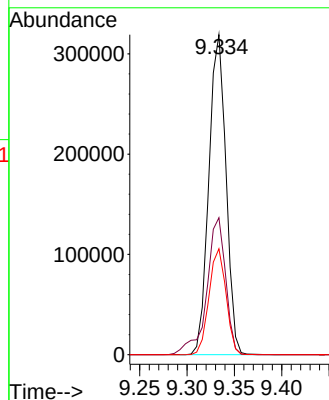
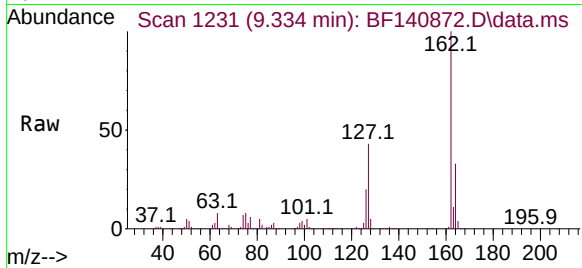
Tgt Ion:162 Resp: 401095

Ion Ratio Lower Upper

162 100

127 42.8 33.5 50.3

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 39.385 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

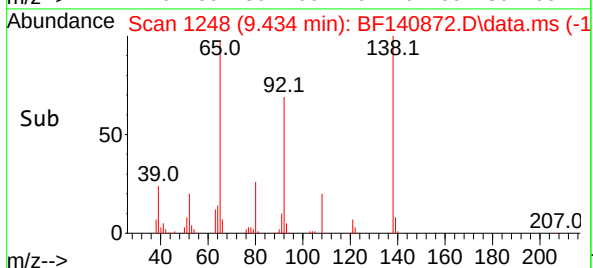
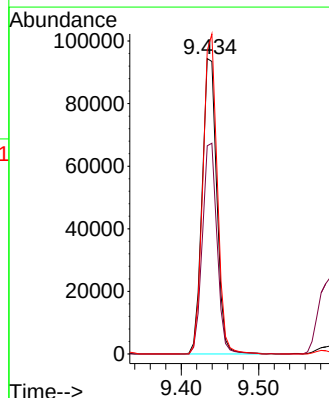
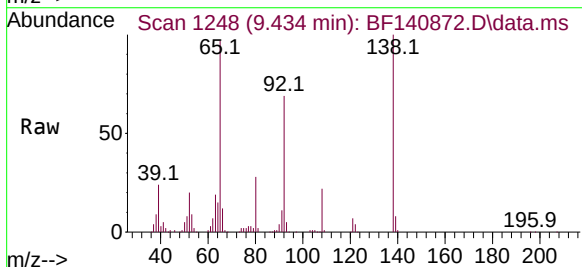
Tgt Ion: 65 Resp: 123983

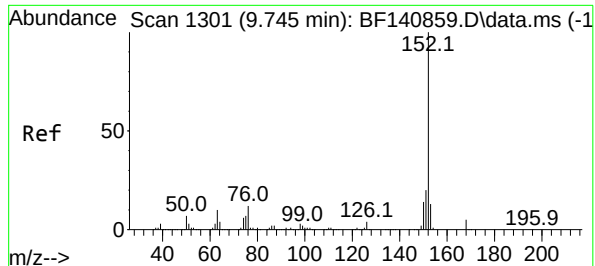
Ion Ratio Lower Upper

65 100

92 70.5 56.3 84.5

138 102.7 83.8 125.6





#49

Acenaphthylene

Concen: 38.543 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

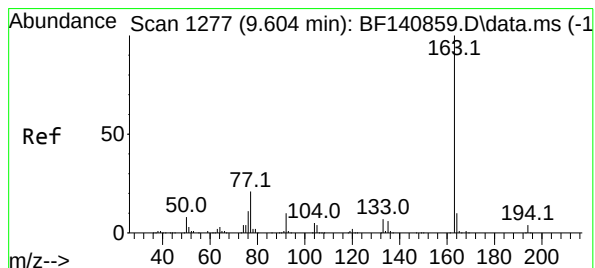
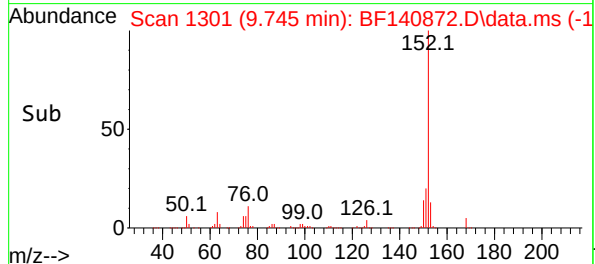
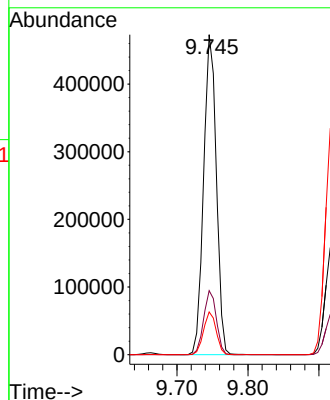
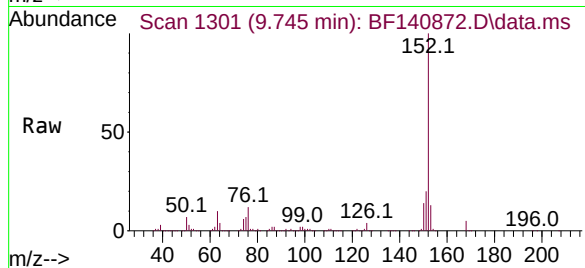
Tgt Ion:152 Resp: 590393

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 38.696 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

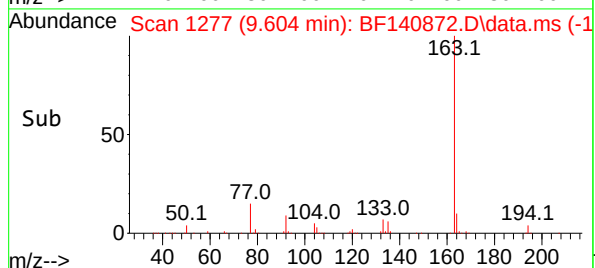
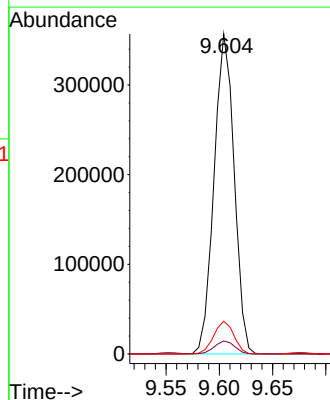
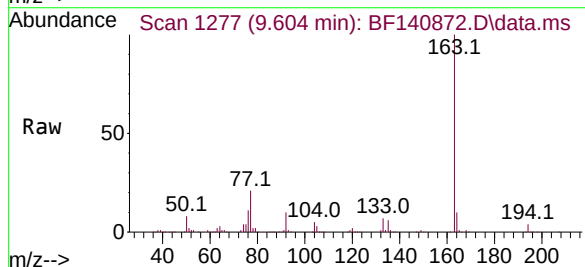
Tgt Ion:163 Resp: 467456

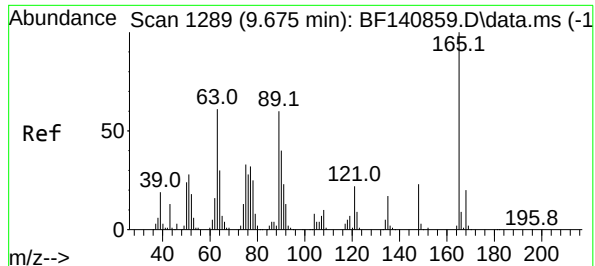
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.397 ng

RT: 9.675 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

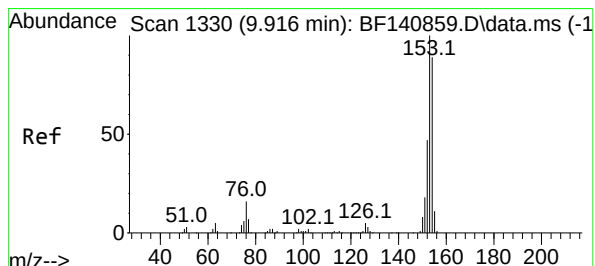
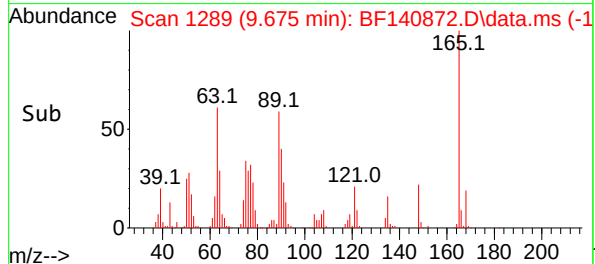
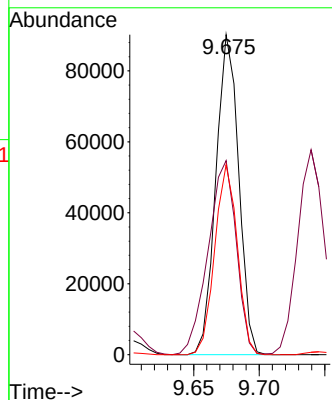
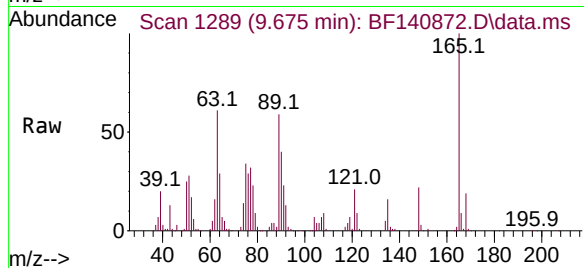
Tgt Ion:165 Resp: 108802

Ion Ratio Lower Upper

165 100

63 60.6 49.7 74.5

89 59.4 48.2 72.4



#52

Acenaphthene

Concen: 38.522 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

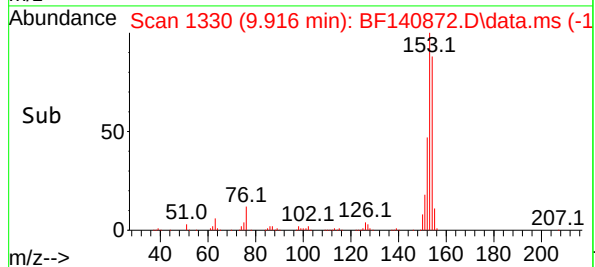
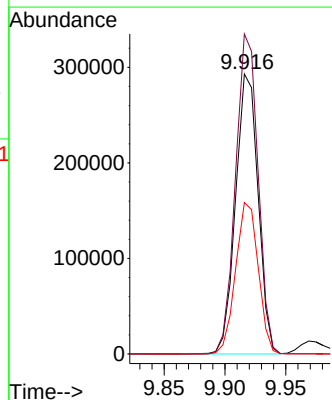
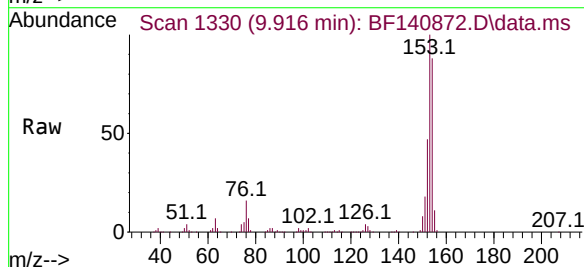
Tgt Ion:154 Resp: 376933

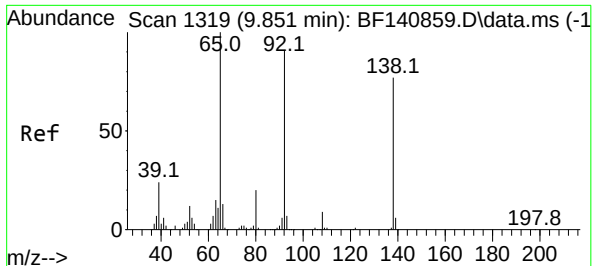
Ion Ratio Lower Upper

154 100

153 114.3 89.9 134.9

152 54.1 42.6 63.8





#53

3-Nitroaniline

Concen: 39.699 ng

RT: 9.851 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

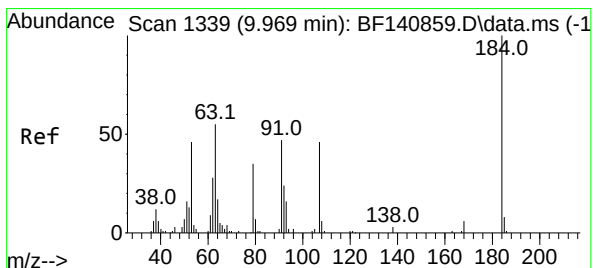
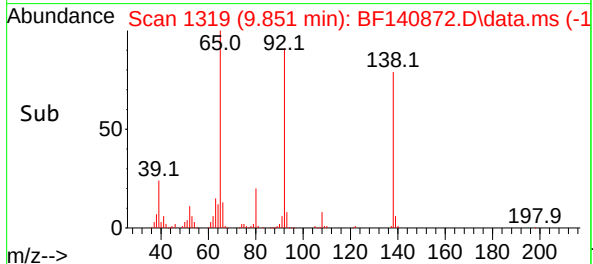
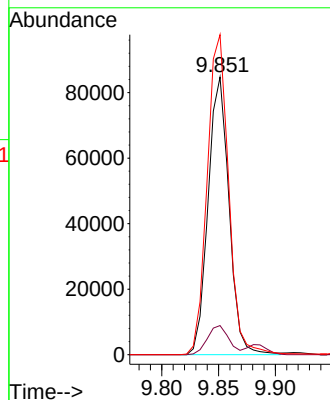
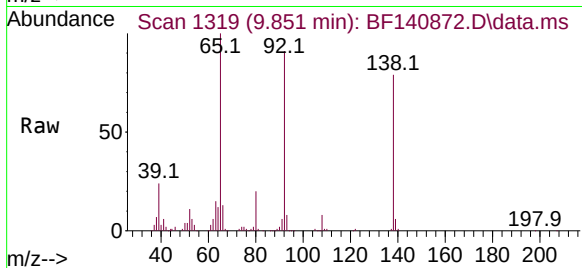
Tgt Ion:138 Resp: 108802

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

92 115.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 31.895 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

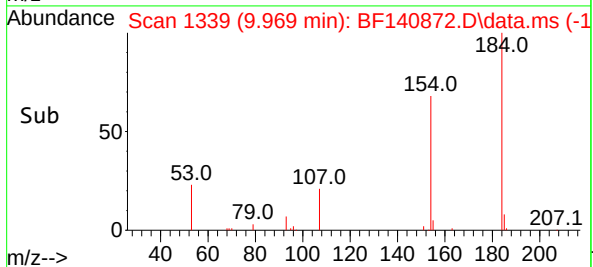
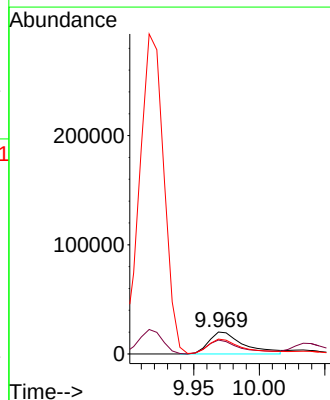
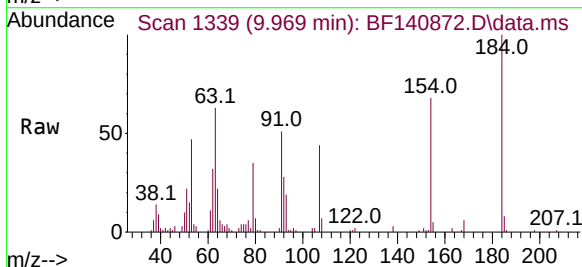
Tgt Ion:184 Resp: 37206

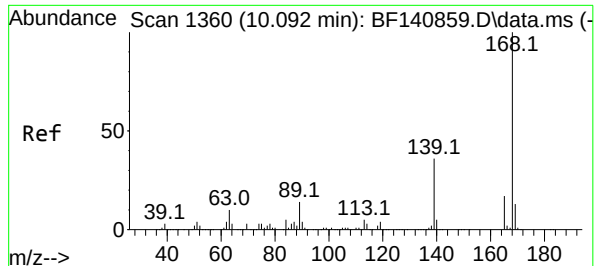
Ion Ratio Lower Upper

184 100

63 63.4 51.6 77.4

154 67.7 56.1 84.1





#55

Dibenzenofuran

Concen: 37.501 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

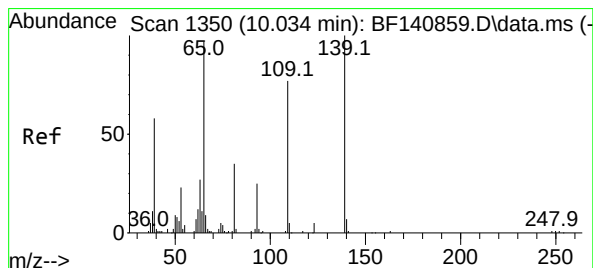
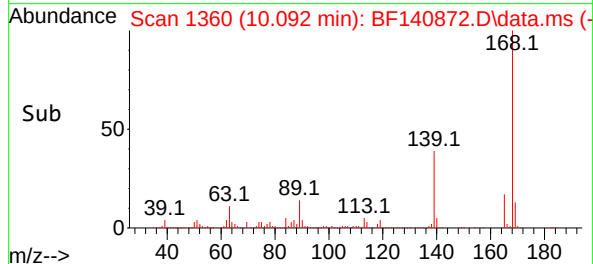
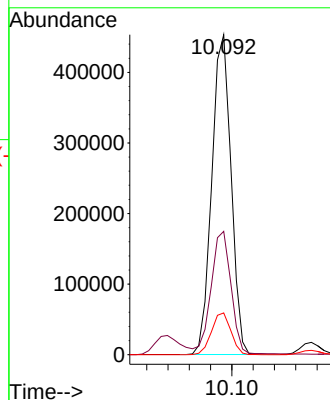
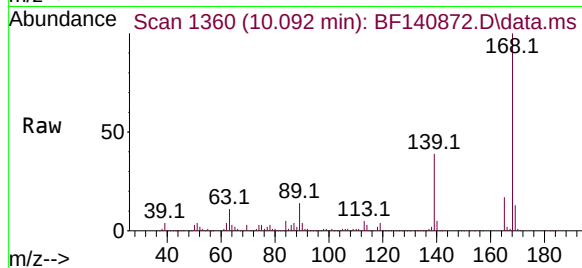
Tgt Ion:168 Resp: 568600

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 34.044 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

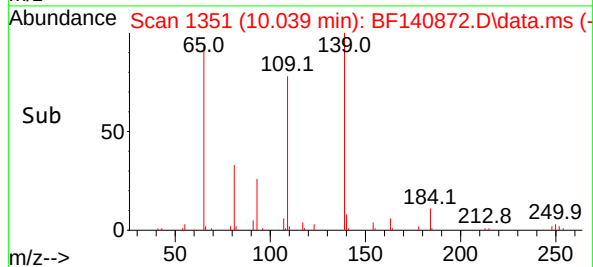
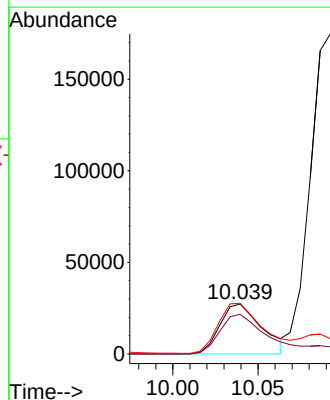
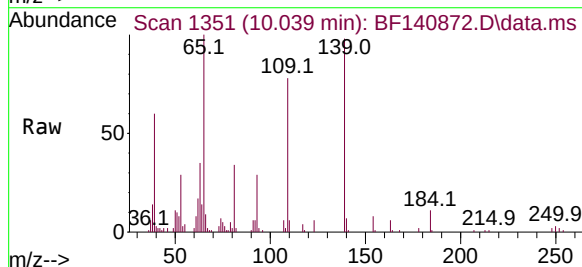
Tgt Ion:139 Resp: 46205

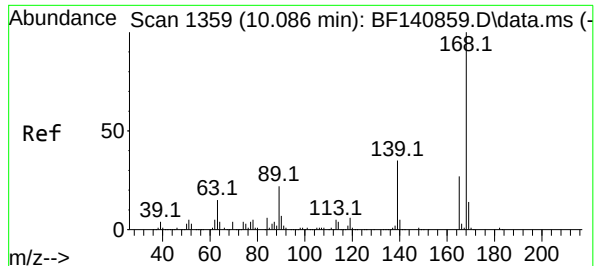
Ion Ratio Lower Upper

139 100

109 79.4 56.7 96.7

65 101.7 78.1 118.1

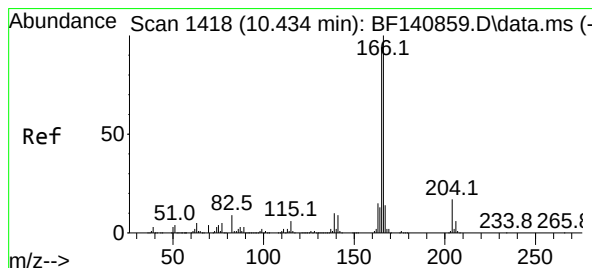
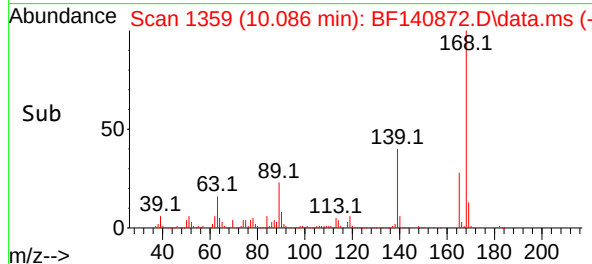
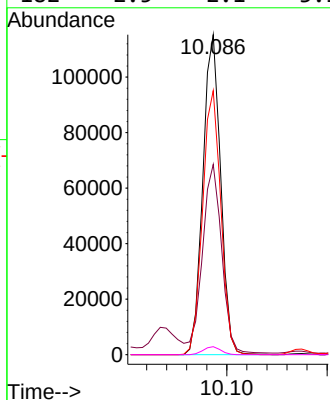
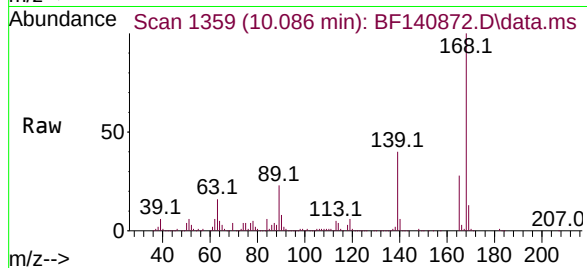




#57
2,4-Dinitrotoluene
Concen: 39.120 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

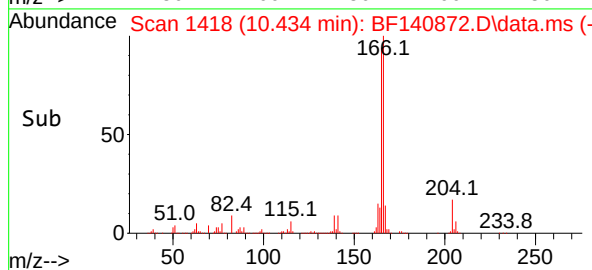
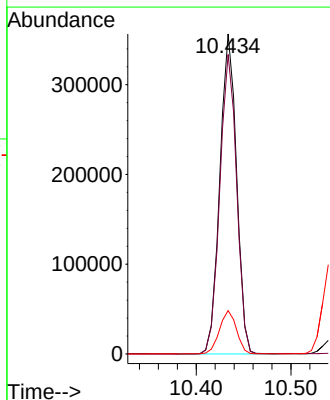
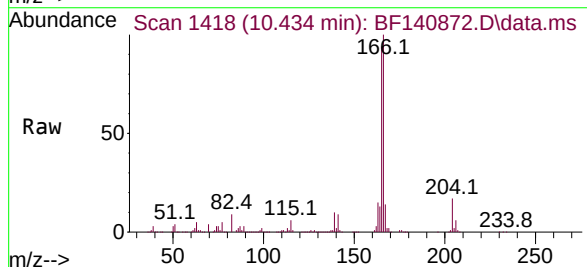
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

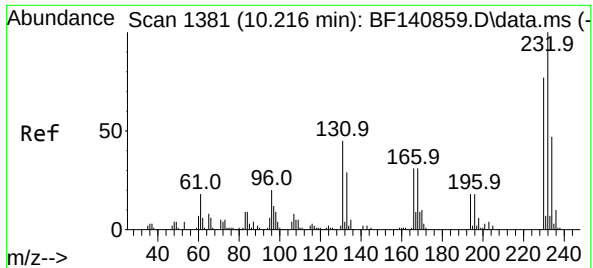
Tgt Ion:165 Resp: 142147
Ion Ratio Lower Upper
165 100
63 59.4 49.3 73.9
89 82.5 66.2 99.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 35.016 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:166 Resp: 438004
Ion Ratio Lower Upper
166 100
165 93.6 75.1 112.7
167 13.6 11.1 16.7

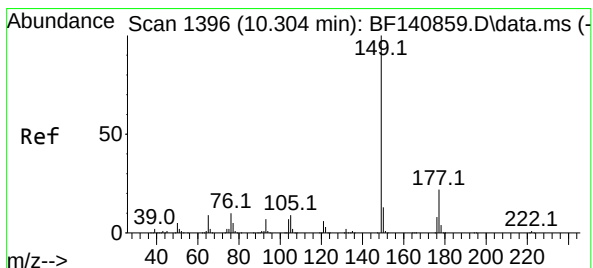
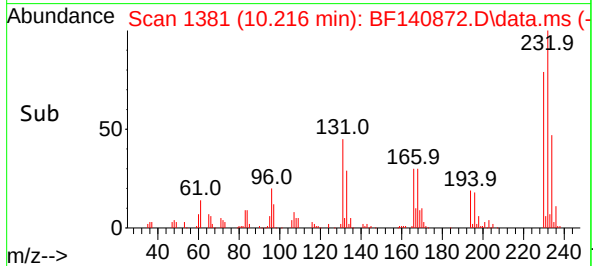
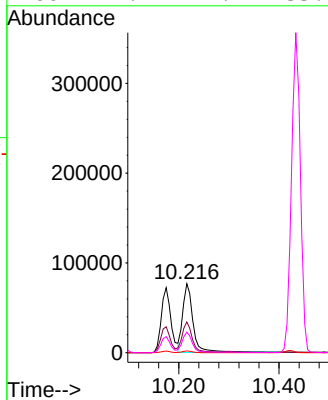
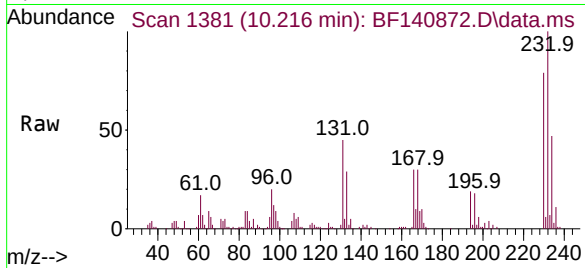




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.183 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

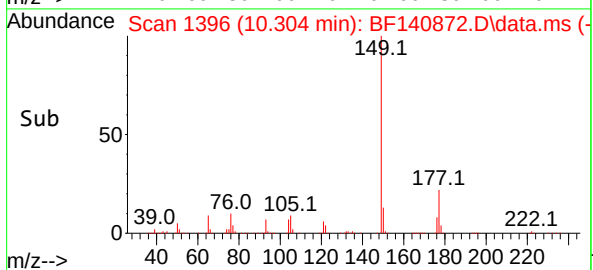
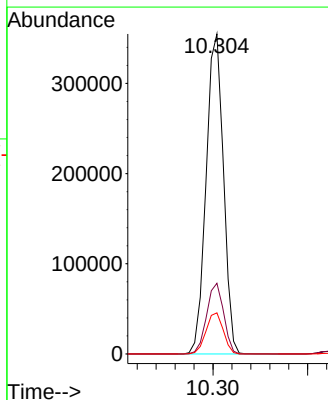
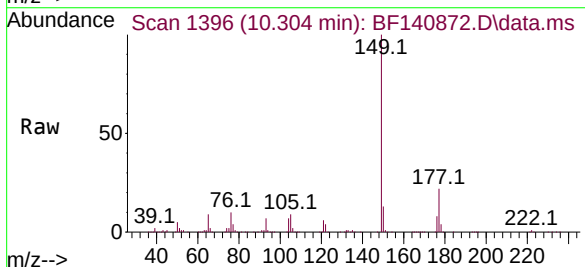
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

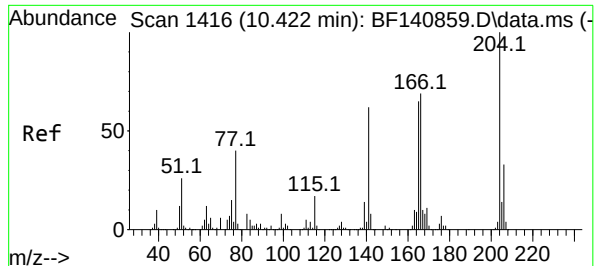
Tgt Ion:232 Resp: 110282
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.4 1.8 2.8
166 27.7 22.4 33.6



#60
Diethylphthalate
Concen: 35.911 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 449852
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.8 10.1 15.1

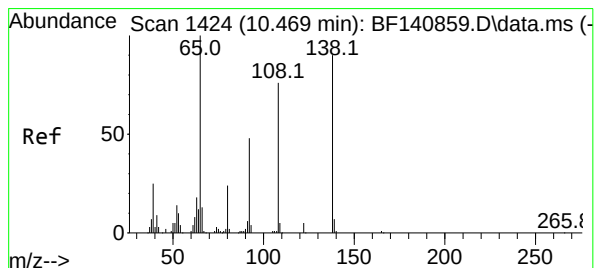
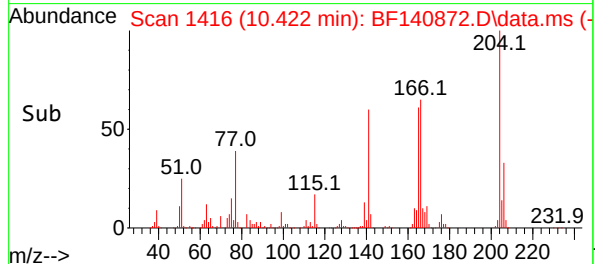
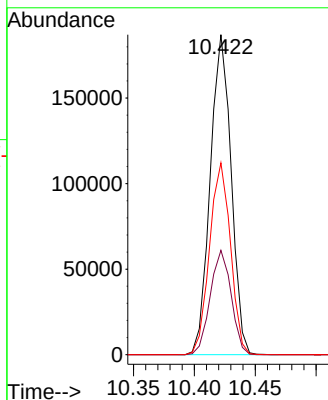
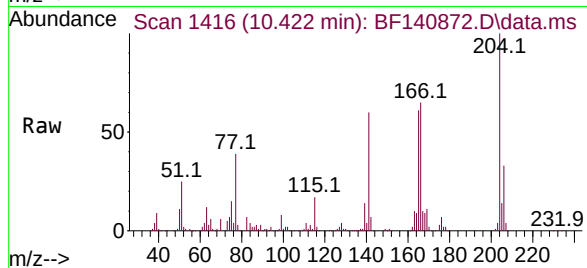




#61
4-Chlorophenyl-phenylether
Concen: 35.468 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

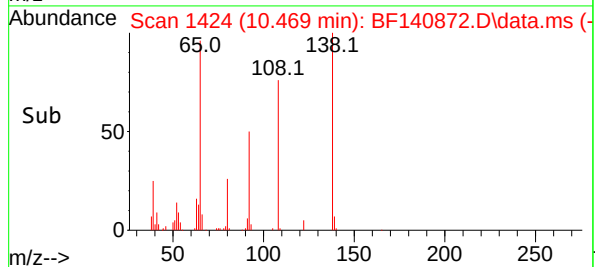
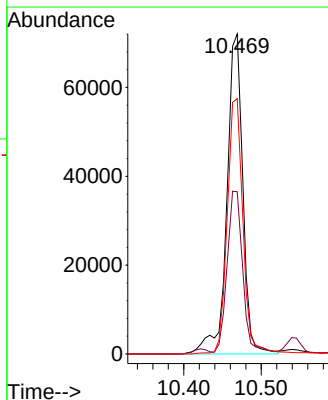
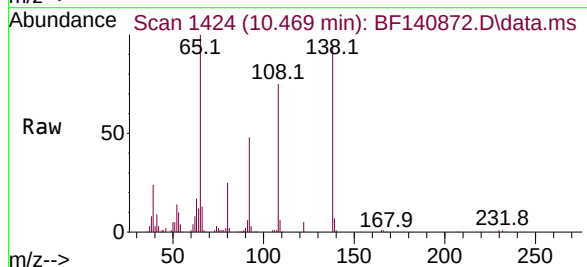
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

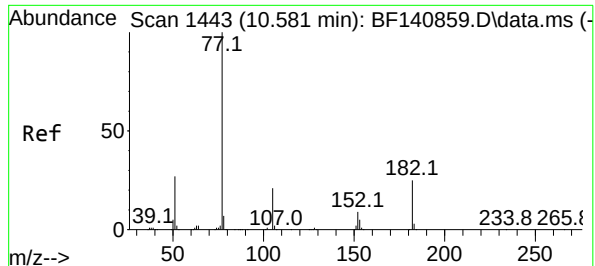
Tgt Ion:204 Resp: 222856
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.0 50.0 75.0



#62
4-Nitroaniline
Concen: 36.184 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:138 Resp: 103630
Ion Ratio Lower Upper
138 100
92 50.7 32.6 72.6
108 79.8 64.1 104.1

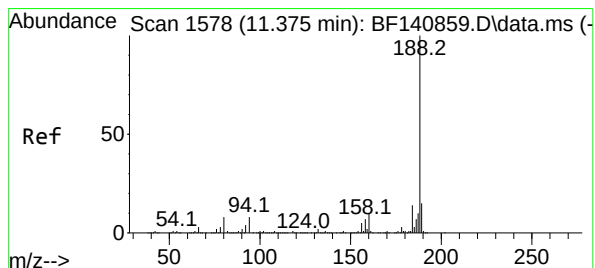
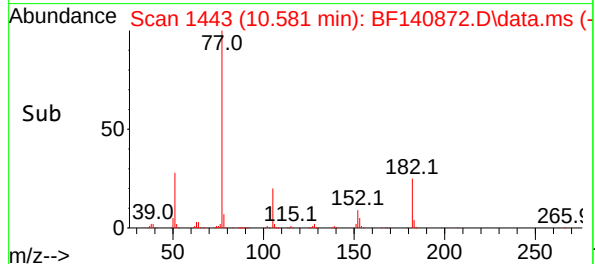
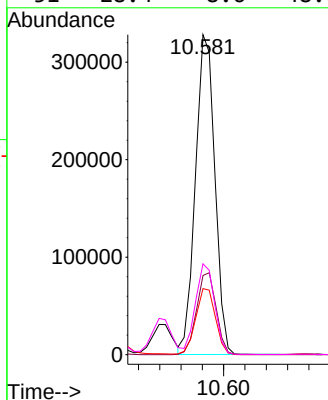
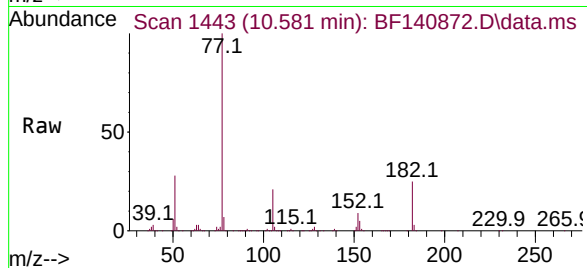




#63
Azobenzene
Concen: 35.327 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

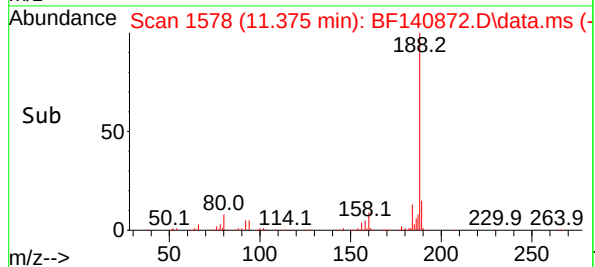
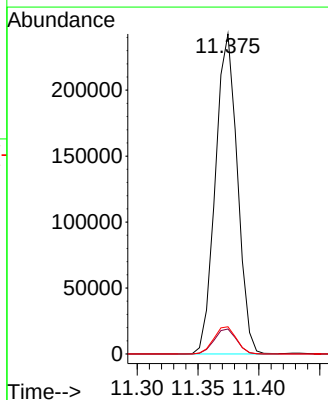
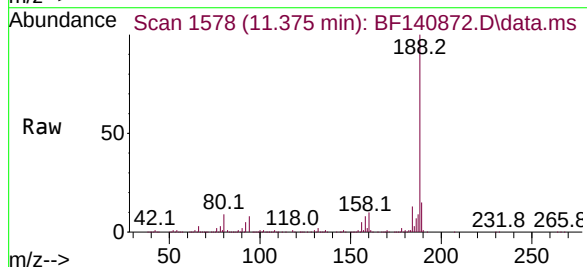
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

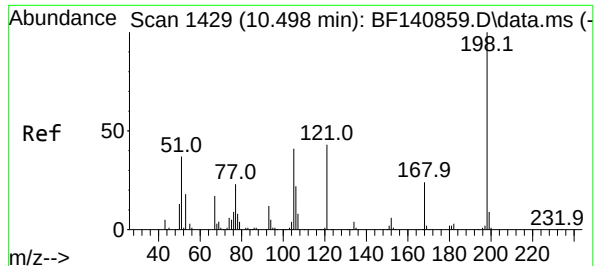
Tgt Ion: 77	Resp: 416040
Ion Ratio	Lower Upper
77 100	
182 24.7	4.5 44.5
105 20.7	0.9 40.9
51 28.4	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:188	Resp: 305119
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.5	6.8 10.2

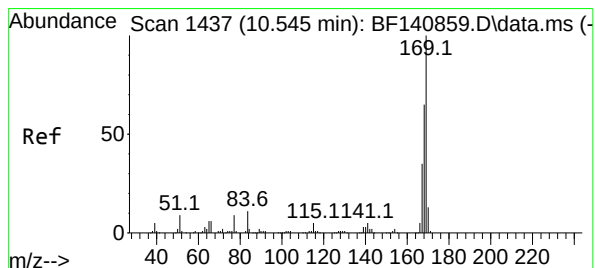
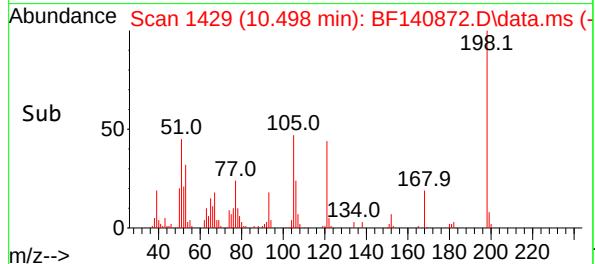
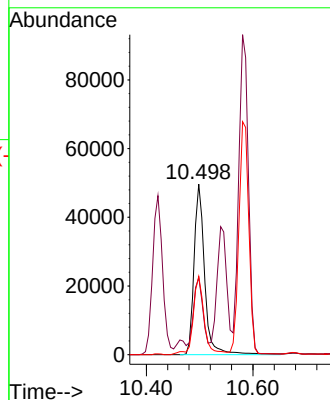
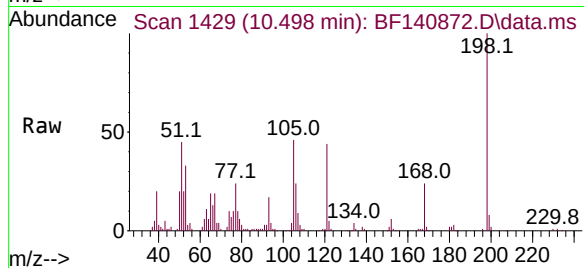




#65
4,6-Dinitro-2-methylphenol
Concen: 39.884 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

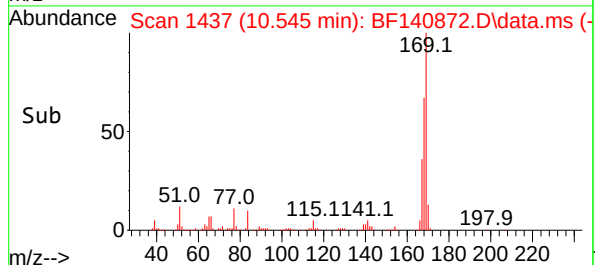
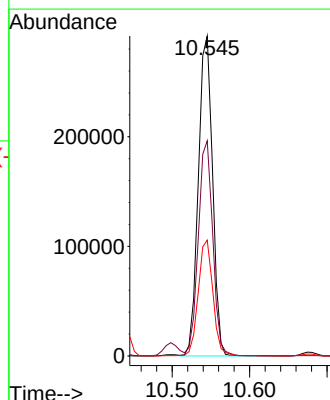
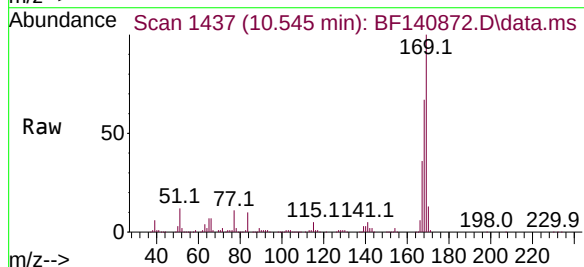
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

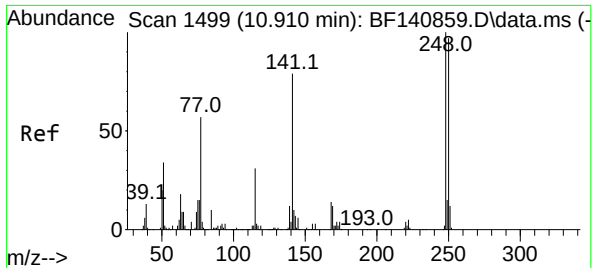
Tgt Ion:198 Resp: 68959
Ion Ratio Lower Upper
198 100
51 45.1 24.4 64.4
105 45.8 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 39.625 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:169 Resp: 371719
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.2 28.3 42.5

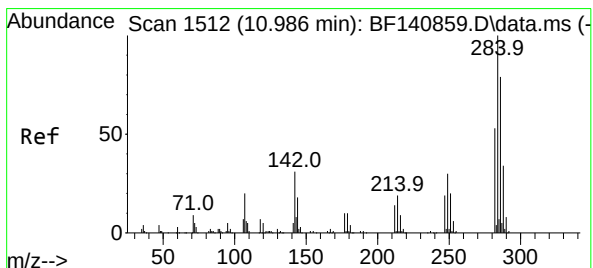
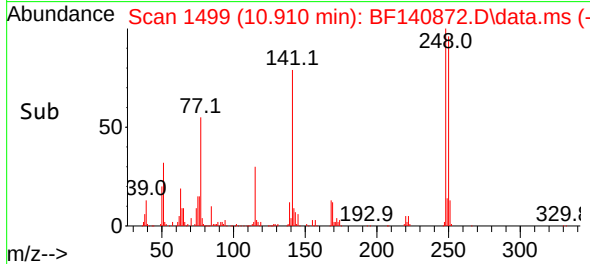
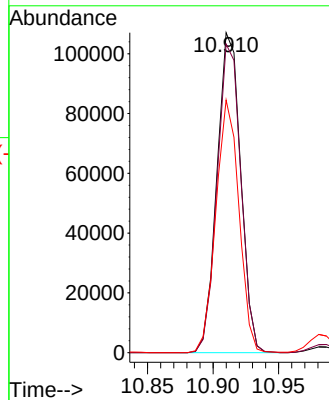
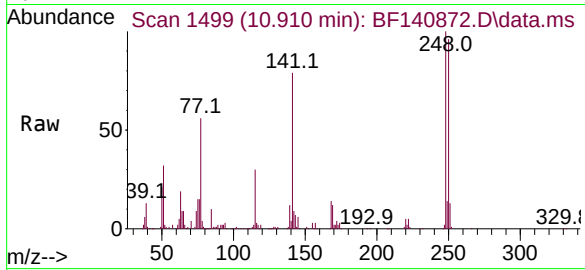




#67
4-Bromophenyl-phenylether
Concen: 39.343 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

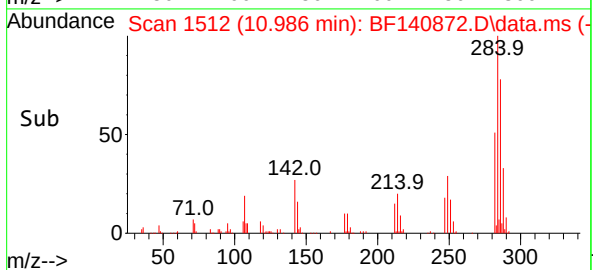
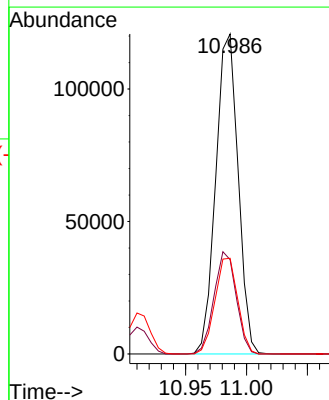
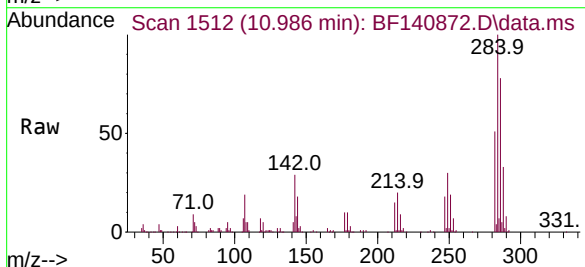
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

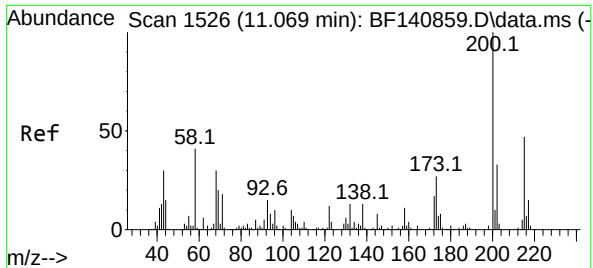
Tgt Ion:248 Resp: 134296
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.2
141 78.9 62.9 94.3



#68
Hexachlorobenzene
Concen: 39.860 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:284 Resp: 154263
Ion Ratio Lower Upper
284 100
142 29.4 24.6 36.8
249 29.9 24.3 36.5





#69

Atrazine

Concen: 38.739 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

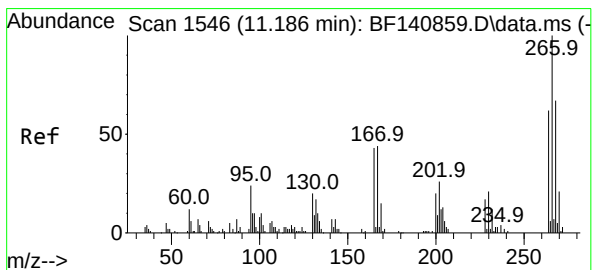
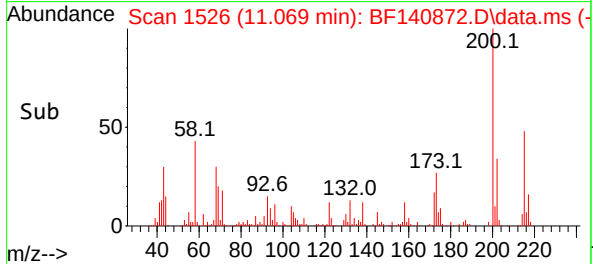
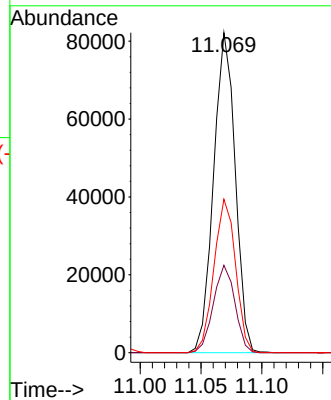
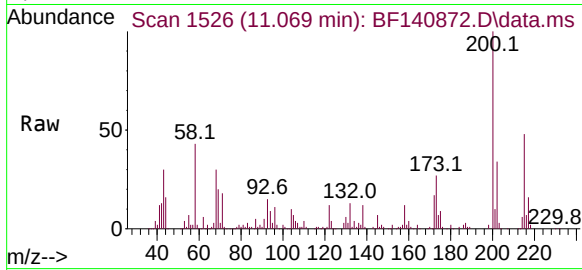
Tgt Ion:200 Resp: 101496

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 36.883 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

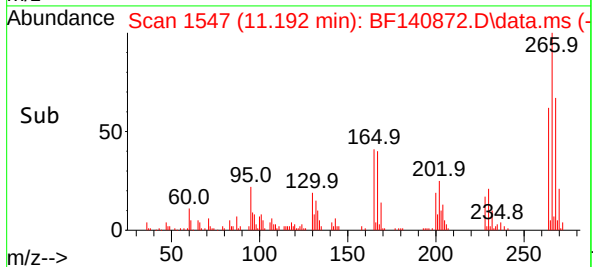
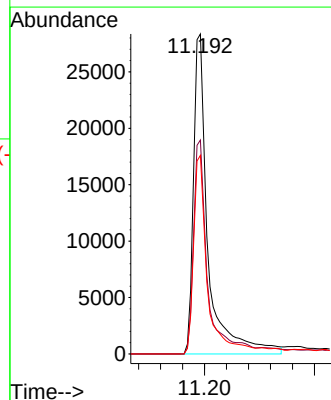
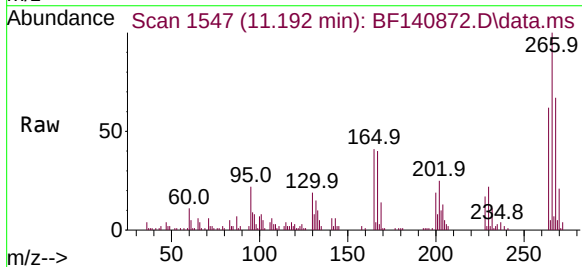
Tgt Ion:266 Resp: 52188

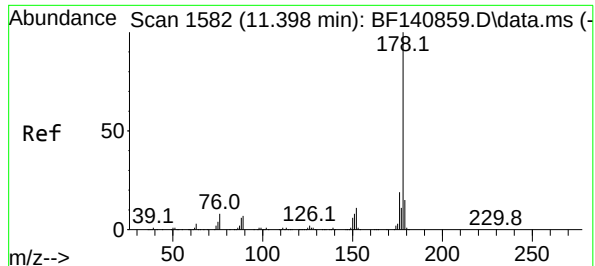
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 62.1 49.4 74.2





#71

Phenanthrene

Concen: 38.619 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

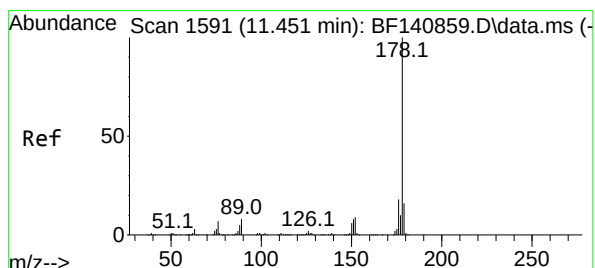
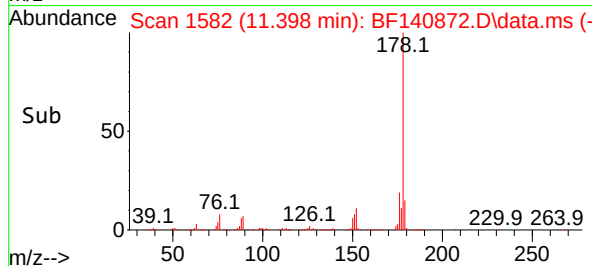
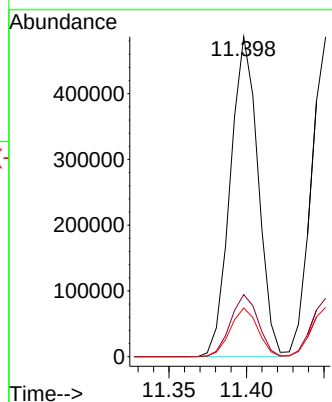
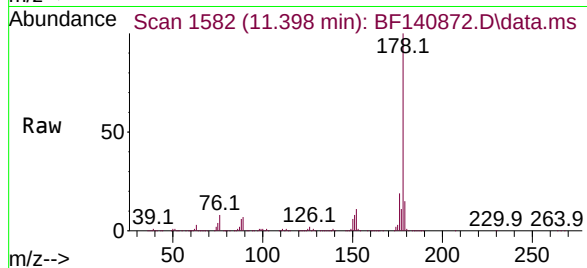
Tgt Ion:178 Resp: 605957

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.2 12.1 18.1



#72

Anthracene

Concen: 38.955 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

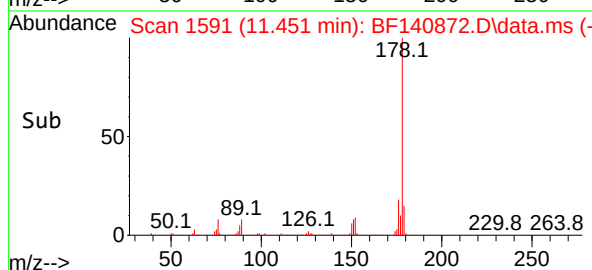
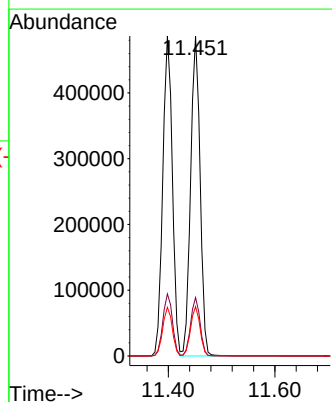
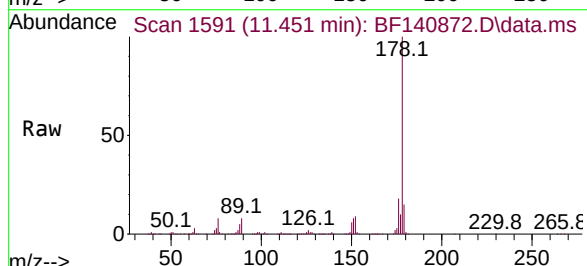
Tgt Ion:178 Resp: 601930

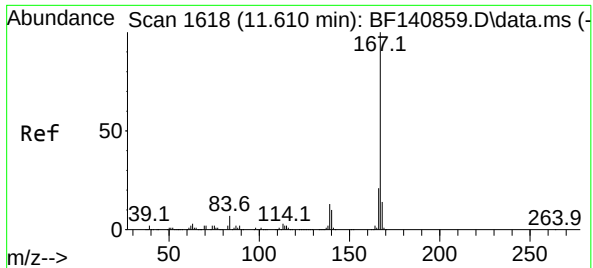
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 15.4 12.6 18.8

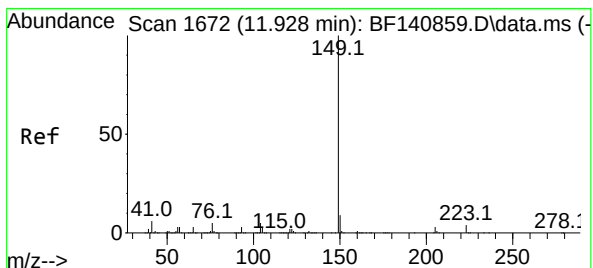
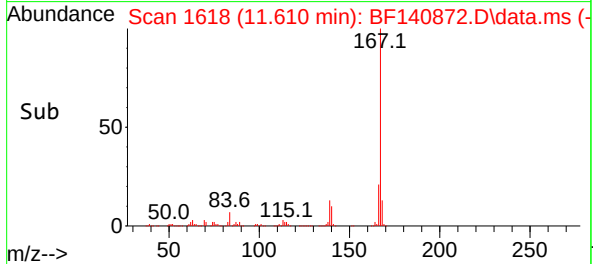
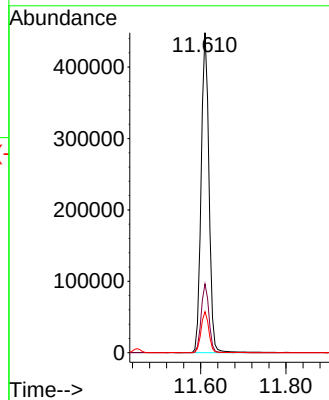
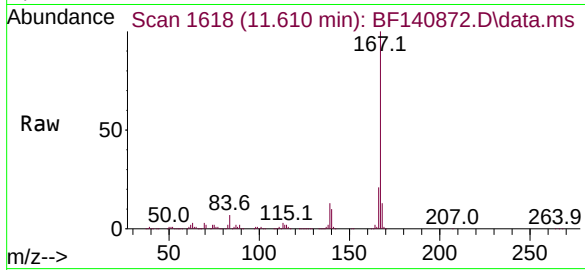




#73
Carbazole
Concen: 37.753 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

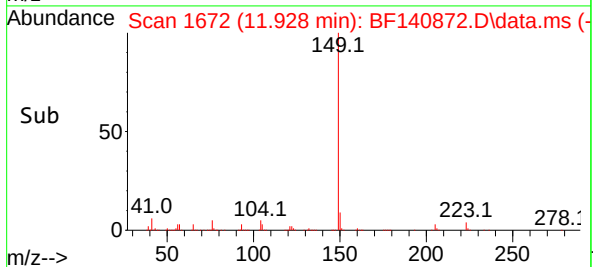
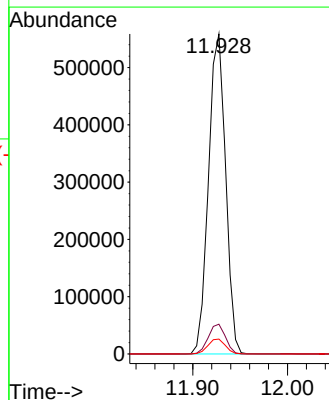
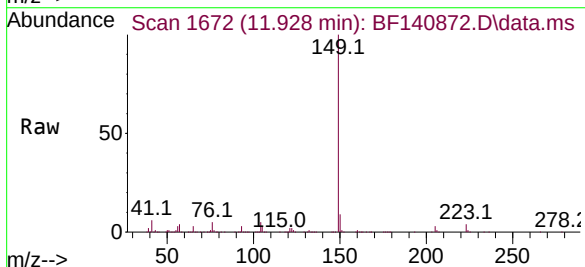
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

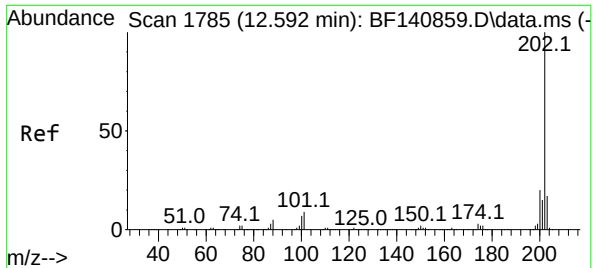
Tgt Ion:167 Resp: 571386
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.8 10.2 15.2



#74
Di-n-butylphthalate
Concen: 39.349 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 698939
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.7 3.8 5.8

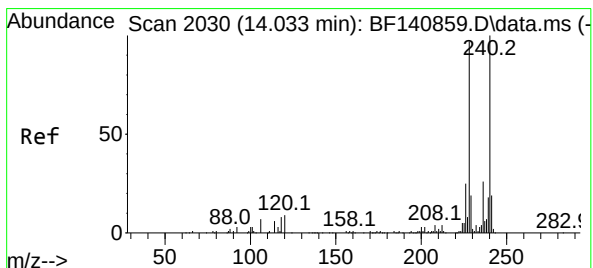
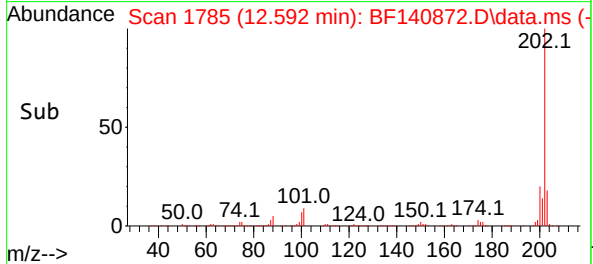
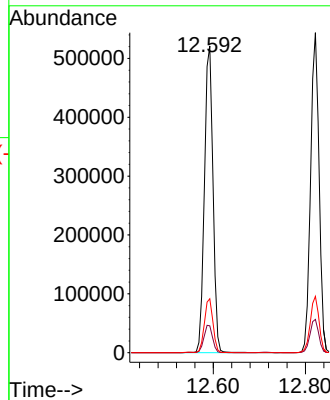
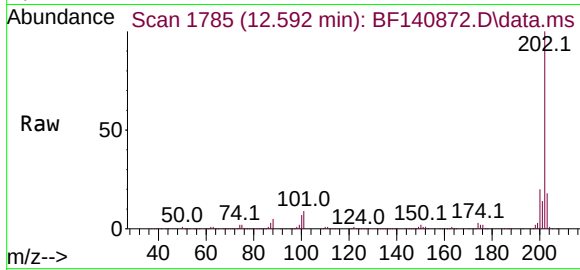




#75
Fluoranthene
Concen: 37.448 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

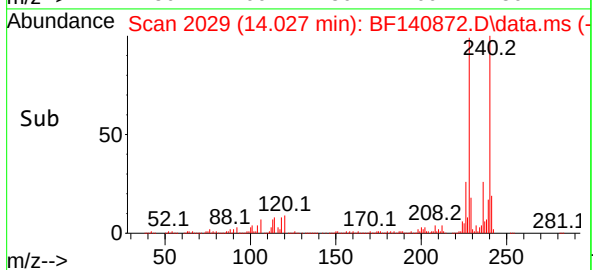
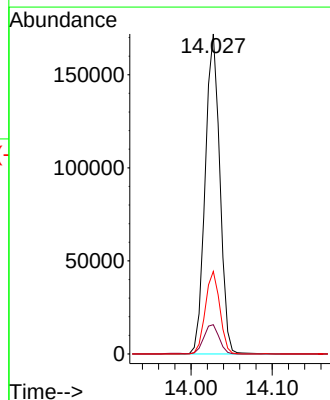
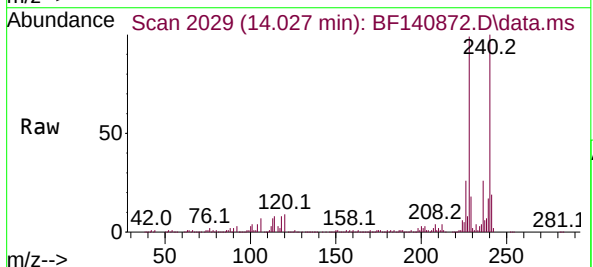
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

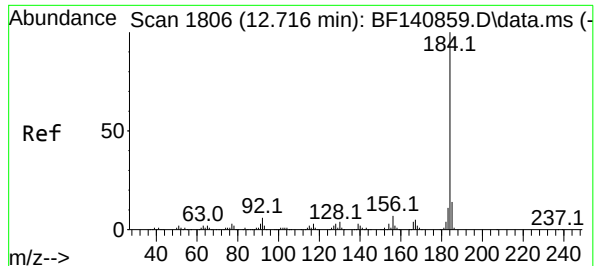
Tgt Ion:202 Resp: 676693
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.3
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:240 Resp: 214494
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.8 20.5 30.7





#77

Benzidine

Concen: 37.705 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

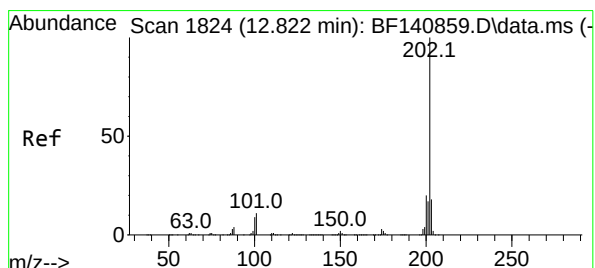
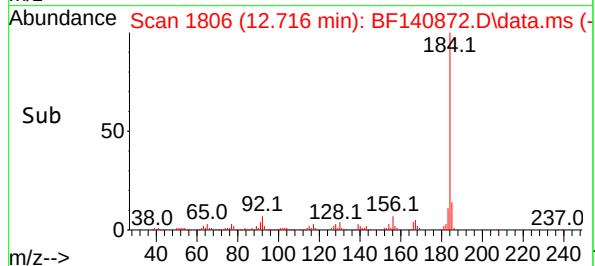
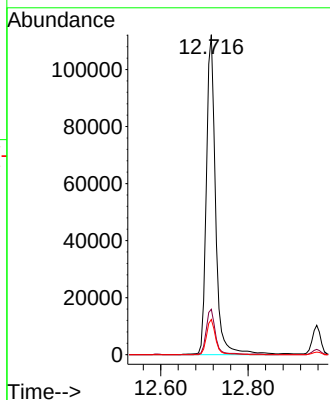
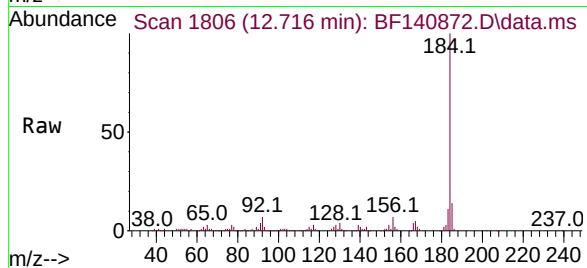
Tgt Ion:184 Resp: 165063

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 11.0 9.0 13.4



#78

Pyrene

Concen: 36.348 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

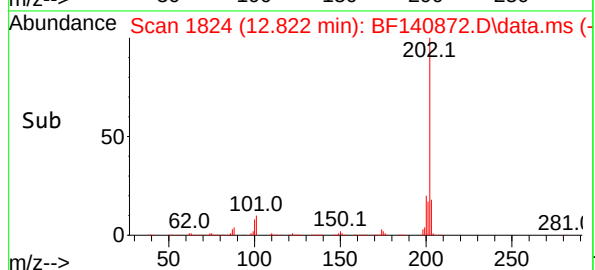
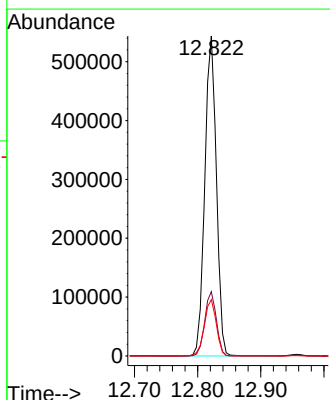
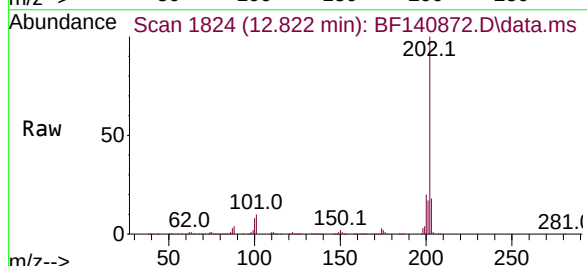
Tgt Ion:202 Resp: 693296

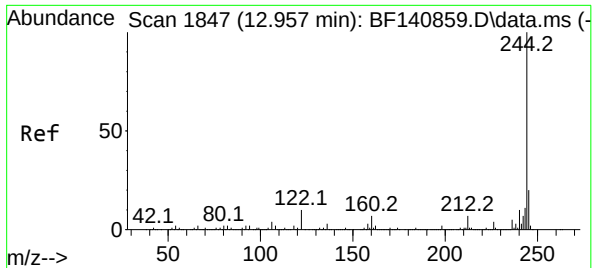
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.6 14.2 21.4

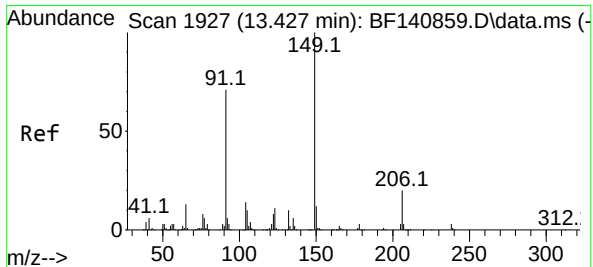
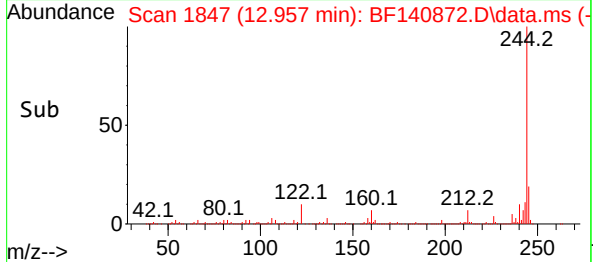
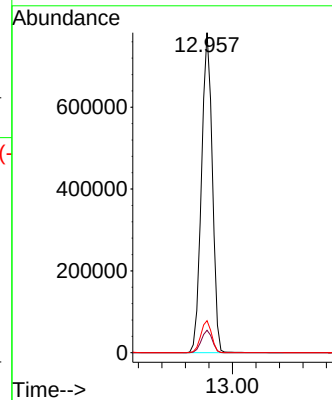
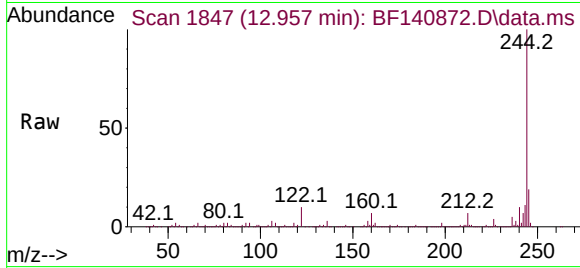




#79
Terphenyl-d14
Concen: 73.570 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

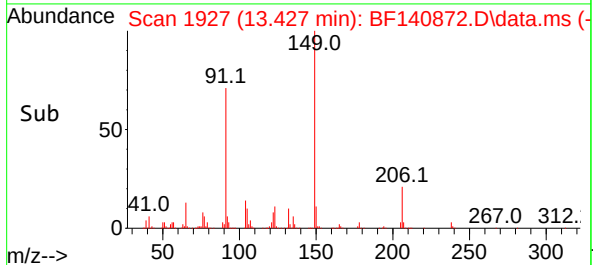
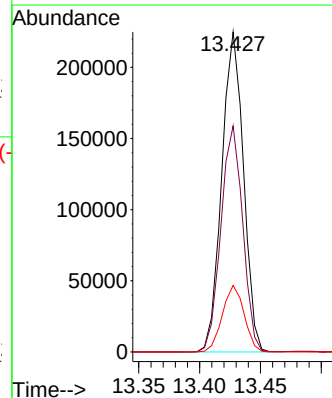
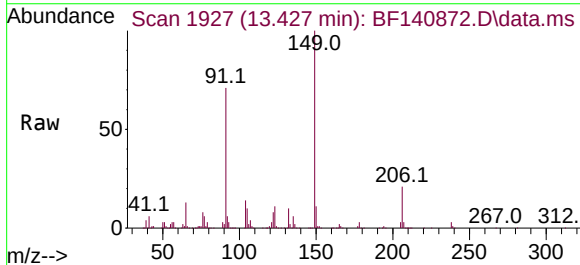
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

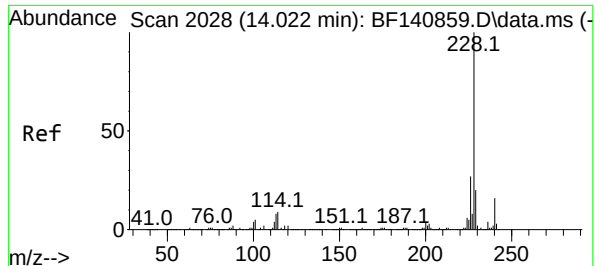
Tgt Ion:244 Resp: 1000739
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.0 8.2 12.2



#80
Butylbenzylphthalate
Concen: 39.801 ng
RT: 13.427 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 279336
Ion Ratio Lower Upper
149 100
91 70.7 56.7 85.1
206 20.8 16.4 24.6

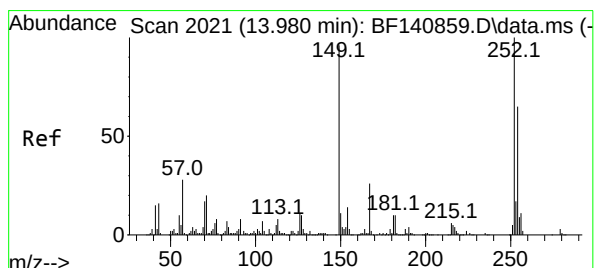
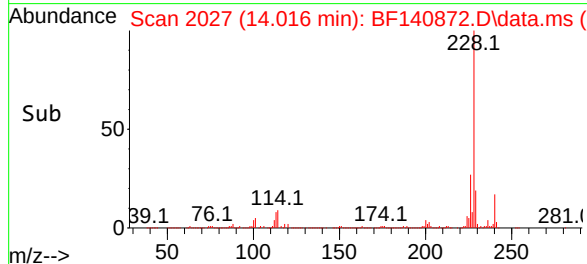
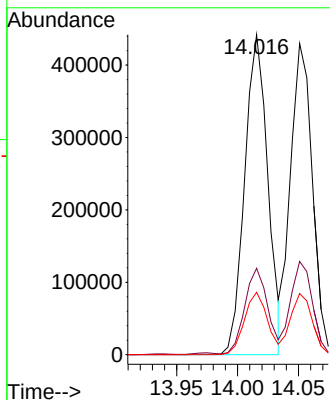
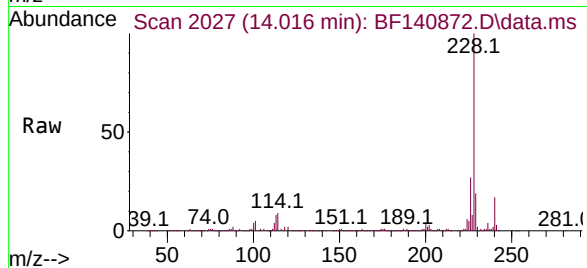




#81
Benzo(a)anthracene
Concen: 38.444 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

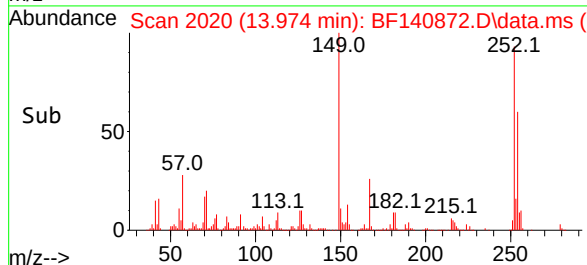
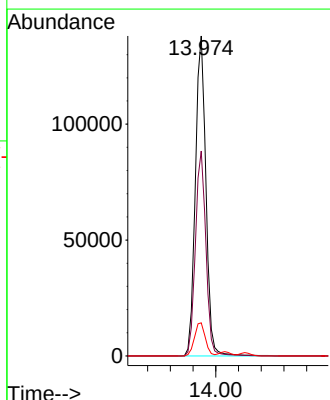
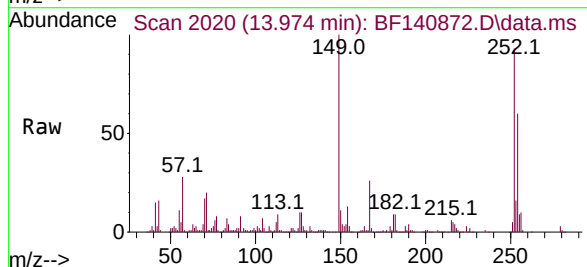
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

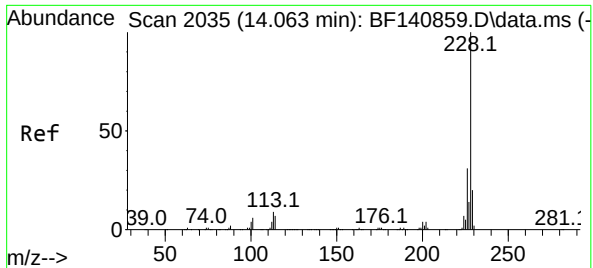
Tgt Ion:228 Resp: 584415
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.088 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:252 Resp: 179277
Ion Ratio Lower Upper
252 100
254 64.0 52.3 78.5
126 10.3 8.4 12.6

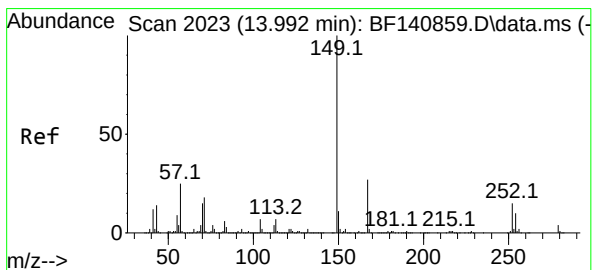
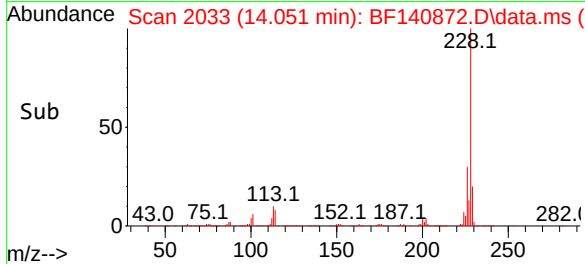
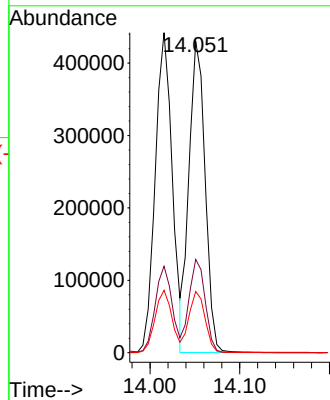
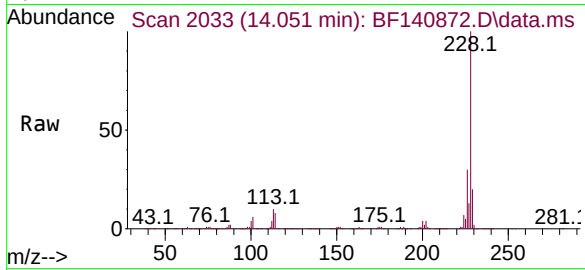




#83
Chrysene
Concen: 39.002 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

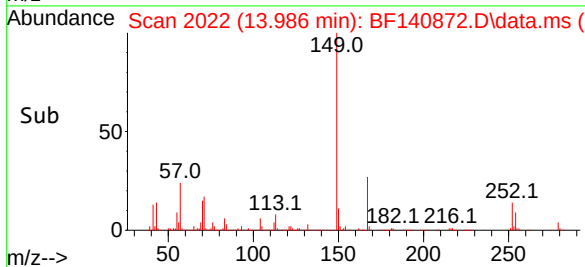
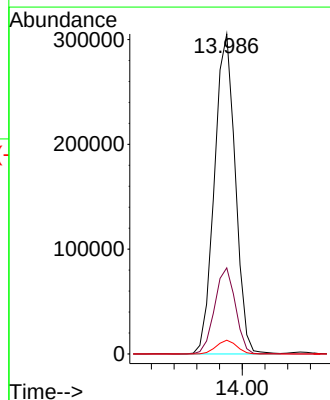
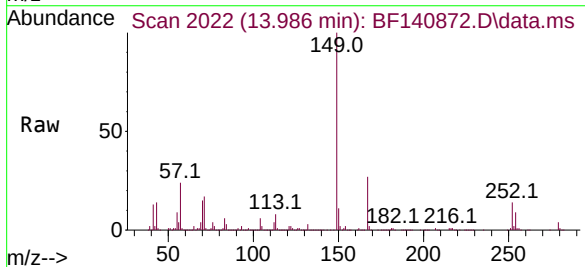
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

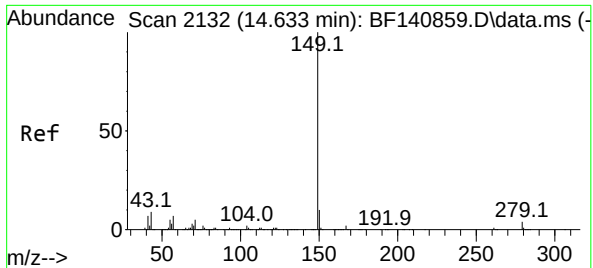
Tgt Ion:228 Resp: 539142
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.999 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:149 Resp: 389128
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.3 3.5 5.3

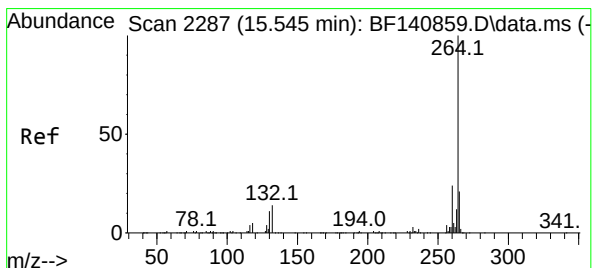
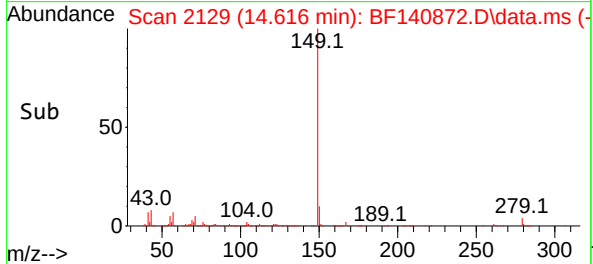
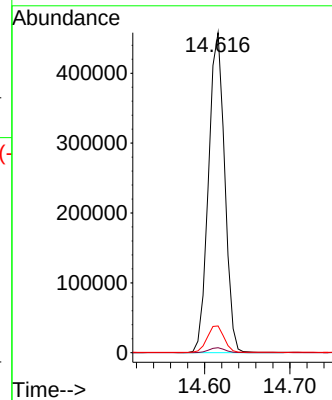
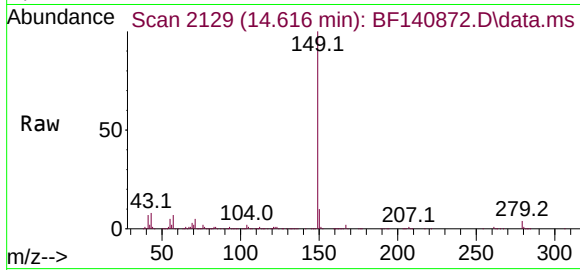




#85
Di-n-octyl phthalate
Concen: 44.146 ng
RT: 14.616 min Scan# 2132
Delta R.T. -0.018 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

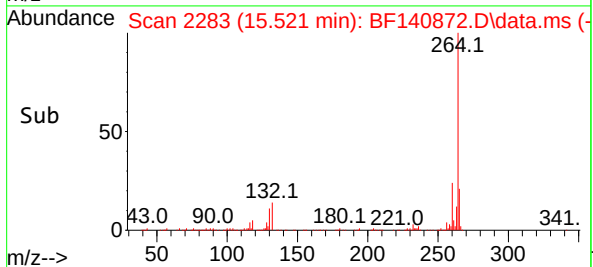
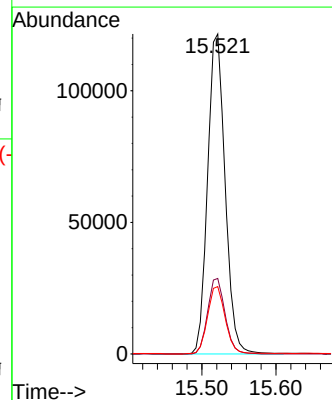
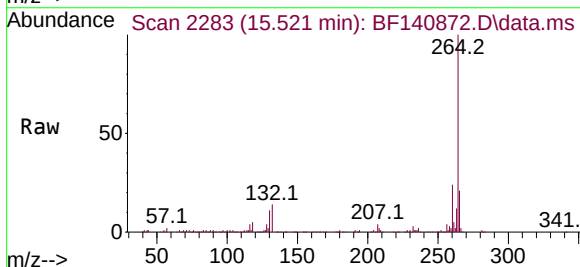
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

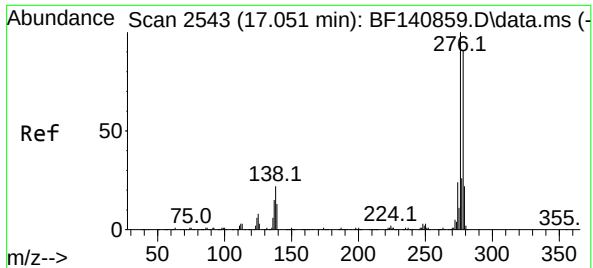
Tgt Ion:149 Resp: 604409
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:264 Resp: 199592
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.1 17.0 25.4

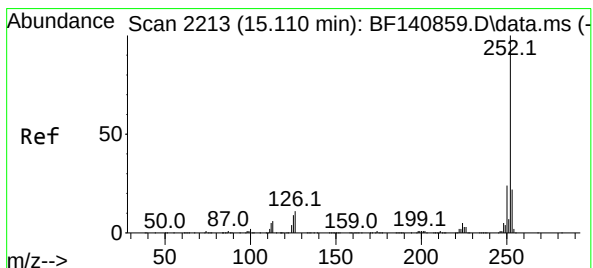
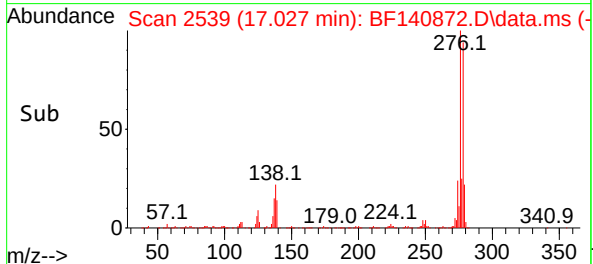
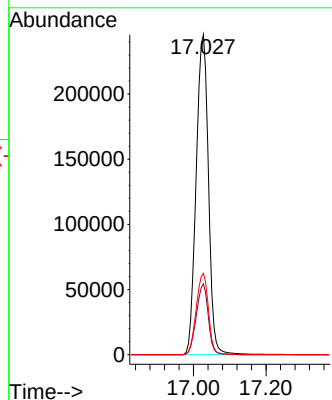
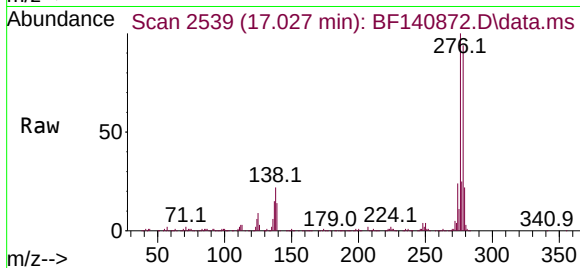




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.297 ng
RT: 17.027 min Scan# 2109
Delta R.T. -0.023 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

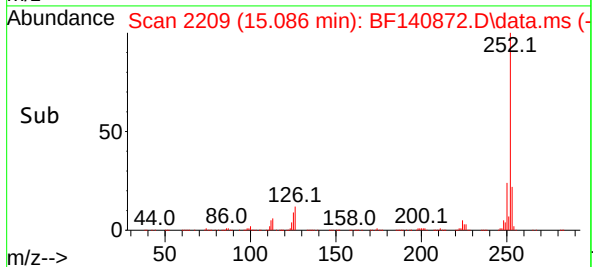
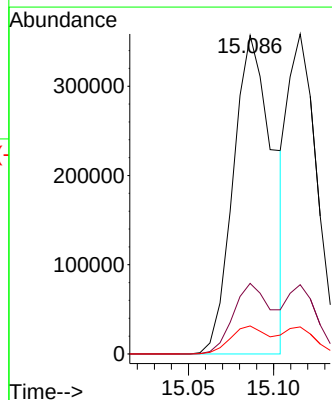
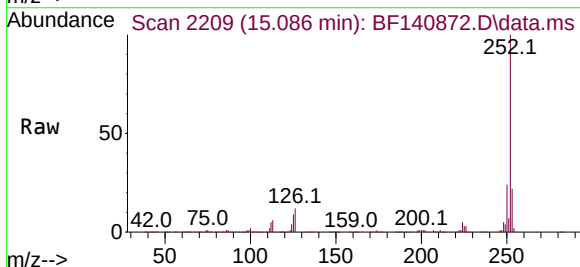
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

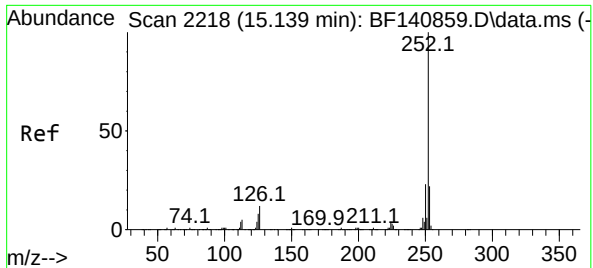
Tgt Ion:276 Resp: 576644
Ion Ratio Lower Upper
276 100
138 21.4 16.9 25.3
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 41.921 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.024 min
Lab File: BF140872.D
Acq: 17 Dec 2024 09:24

Tgt Ion:252 Resp: 580797
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 35.611 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

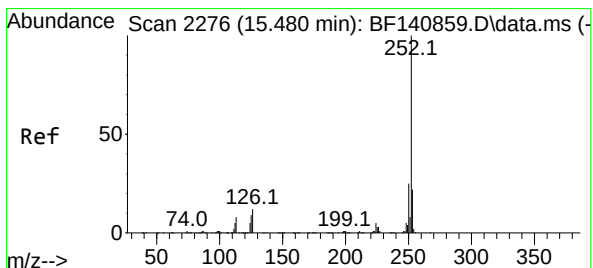
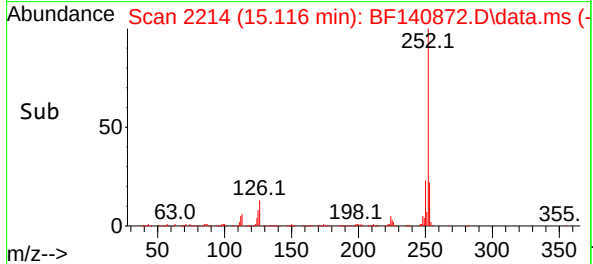
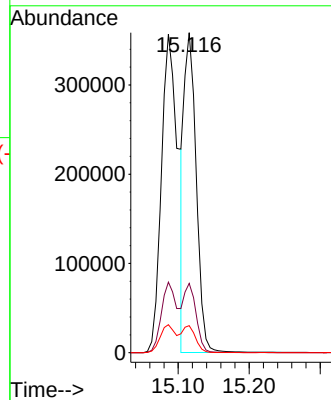
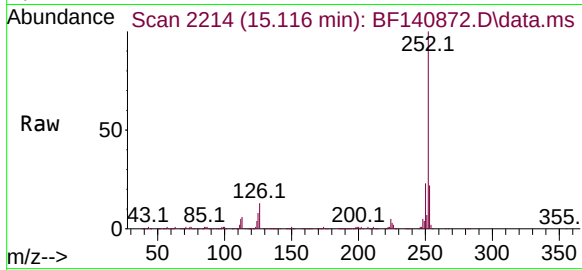
Tgt Ion:252 Resp: 423225

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.087 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.023 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

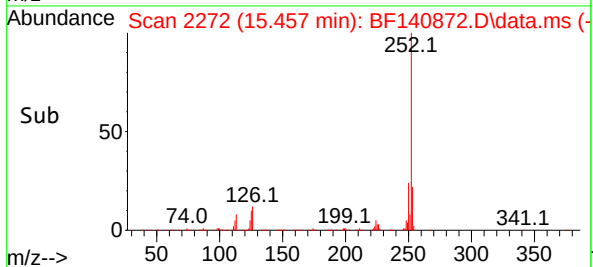
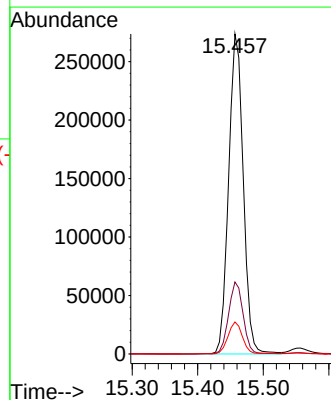
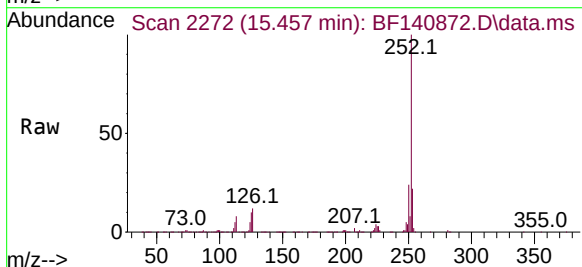
Tgt Ion:252 Resp: 424036

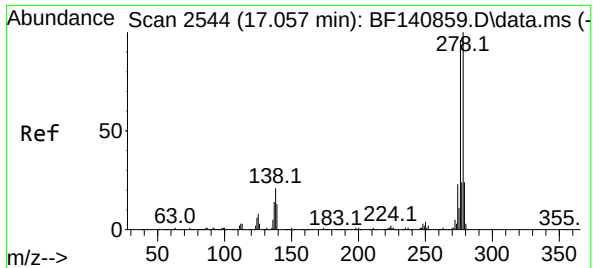
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.0 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 46.673 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

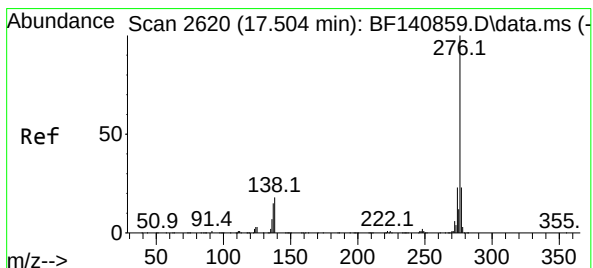
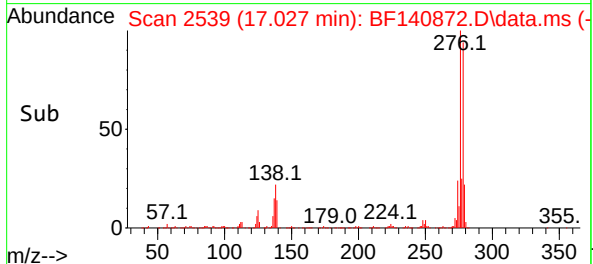
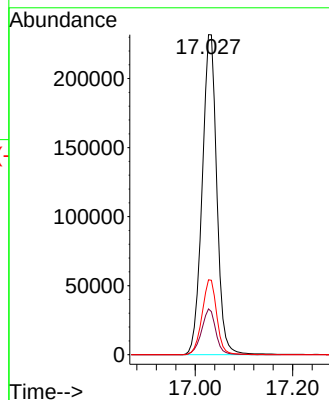
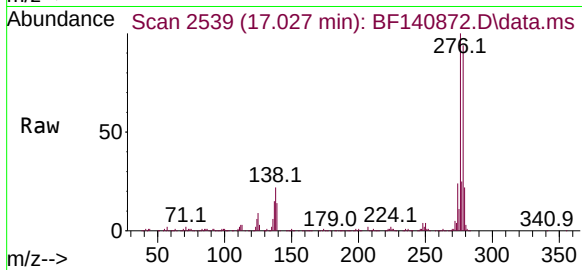
Tgt Ion:278 Resp: 481595

Ion Ratio Lower Upper

278 100

139 14.3 10.6 16.0

279 23.4 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 45.935 ng

RT: 17.480 min Scan# 2616

Delta R.T. -0.023 min

Lab File: BF140872.D

Acq: 17 Dec 2024 09:24

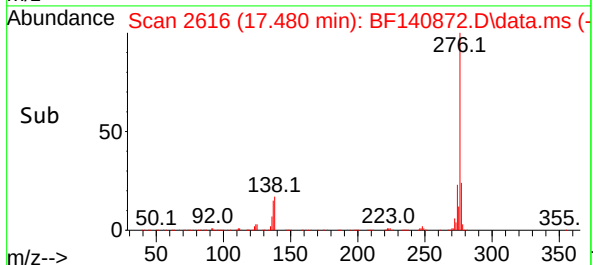
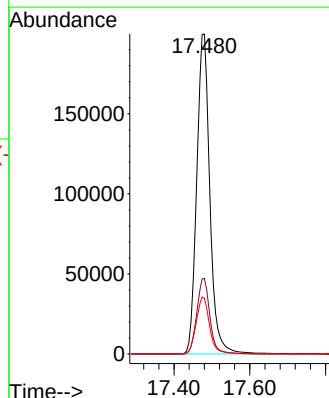
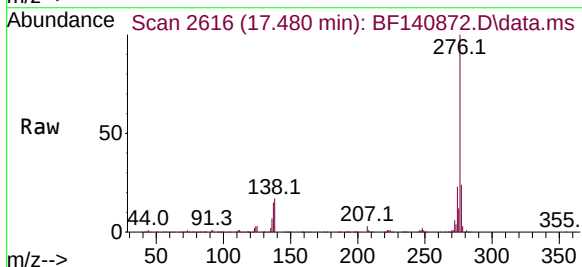
Tgt Ion:276 Resp: 482409

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 17.4 14.2 21.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	104	0.00
2	1,4-Dioxane	0.523	0.457	12.6	95	-0.03
3	Pyridine	1.212	1.279	-5.5	109	-0.03
4	n-Nitrosodimethylamine	0.611	0.592	3.1	102	-0.03
5 S	2-Fluorophenol	1.215	1.279	-5.3	111	0.00
6	Aniline	1.376	1.340	2.6	102	0.00
7 S	Phenol-d6	1.609	1.590	1.2	106	0.00
8	2-Chlorophenol	1.325	1.299	2.0	104	0.00
9	Benzaldehyde	0.892	0.877	1.7	106	0.00
10 C	Phenol	1.668	1.641	1.6	105	0.00
11	bis(2-Chloroethyl)ether	1.244	1.251	-0.6	106	0.00
12	1,3-Dichlorobenzene	1.510	1.487	1.5	105	0.00
13 C	1,4-Dichlorobenzene	1.532	1.502	2.0	104	0.00
14	1,2-Dichlorobenzene	1.446	1.406	2.8	102	0.00
15	Benzyl Alcohol	1.151	1.124	2.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	1.465	1.450	1.0	105	0.00
17	2-Methylphenol	1.058	1.040	1.7	104	0.00
18	Hexachloroethane	0.570	0.537	5.8	101	0.00
19 P	n-Nitroso-di-n-propylamine	0.965	0.923	4.4	104	0.00
20	3+4-Methylphenols	1.403	1.341	4.4	103	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22	Acetophenone	0.500	0.502	-0.4	102	0.00
23 S	Nitrobenzene-d5	0.400	0.396	1.0	101	0.00
24	Nitrobenzene	0.410	0.404	1.5	100	0.00
25	Isophorone	0.670	0.665	0.7	102	0.00
26 C	2-Nitrophenol	0.189	0.188	0.5	100	0.00
27	2,4-Dimethylphenol	0.220	0.222	-0.9	101	0.00
28	bis(2-Chloroethoxy)methane	0.418	0.417	0.2	100	0.00
29 C	2,4-Dichlorophenol	0.304	0.300	1.3	100	0.00
30	1,2,4-Trichlorobenzene	0.349	0.346	0.9	101	0.00
31	Naphthalene	1.099	1.077	2.0	101	0.00
32	Benzoic acid	0.209	0.196	6.2	93	0.00
33	4-Chloroaniline	0.365	0.357	2.2	99	0.00
34 C	Hexachlorobutadiene	0.235	0.225	4.3	97	0.00
35	Caprolactam	0.091	0.094	-3.3	104	0.00
36 C	4-Chloro-3-methylphenol	0.342	0.335	2.0	99	0.00
37	2-Methylnaphthalene	0.727	0.706	2.9	98	0.00
38	1-Methylnaphthalene	0.719	0.696	3.2	98	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	0.615	0.603	2.0	99	0.00
41 P	Hexachlorocyclopentadiene	0.153	0.109	28.8#	74	0.00
42 S	2,4,6-Tribromophenol	0.237	0.213	10.1	85	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.371	1.3	97	0.00
44	2,4,5-Trichlorophenol	0.414	0.403	2.7	97	0.00
45 S	2-Fluorobiphenyl	1.455	1.400	3.8	98	0.00
46	1,1'-Biphenyl	1.590	1.539	3.2	97	0.00
47	2-Chloronaphthalene	1.217	1.170	3.9	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	0.362	1.4	97	0.00
49	Acenaphthylene	1.788	1.723	3.6	95	0.00
50	Dimethylphthalate	1.410	1.364	3.3	96	0.00
51	2,6-Dinitrotoluene	0.322	0.317	1.6	97	0.00
52 C	Acenaphthene	1.142	1.100	3.7	94	0.00
53	3-Nitroaniline	0.320	0.317	0.9	96	0.00
54 P	2,4-Dinitrophenol	0.132	0.109	17.4	78	0.00
55	Dibenzofuran	1.770	1.659	6.3	92	0.00
56 P	4-Nitrophenol	0.150	0.135	10.0	78	0.00
57	2,4-Dinitrotoluene	0.424	0.415	2.1	95	0.00
58	Fluorene	1.460	1.278	12.5	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.337	0.322	4.5	87	0.00
60	Diethylphthalate	1.462	1.313	10.2	87	0.00
61	4-Chlorophenyl-phenylether	0.733	0.650	11.3	87	0.00
62	4-Nitroaniline	0.334	0.302	9.6	86	0.00
63	Azobenzene	1.375	1.214	11.7	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	0.113	0.113	0.0	82	0.00
66 c	n-Nitrosodiphenylamine	0.615	0.609	1.0	86	0.00
67	4-Bromophenyl-phenylether	0.224	0.220	1.8	84	0.00
68	Hexachlorobenzene	0.254	0.253	0.4	87	0.00
69	Atrazine	0.172	0.166	3.5	84	0.00
70 C	Pentachlorophenol	0.093	0.086	7.5	74	0.00
71	Phenanthrene	1.028	0.993	3.4	85	0.00
72	Anthracene	1.013	0.986	2.7	86	0.00
73	Carbazole	0.992	0.936	5.6	83	0.00
74	Di-n-butylphthalate	1.164	1.145	1.6	86	0.00
75 C	Fluoranthene	1.184	1.109	6.3	83	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77	Benzydine	0.408	0.385	5.6	85	0.00
78	Pyrene	1.779	1.616	9.2	85	0.00
79 S	Terphenyl-d14	1.268	1.166	8.0	86	0.00
80	Butylbenzylphthalate	0.654	0.651	0.5	90	0.00
81	Benzo(a)anthracene	1.417	1.362	3.9	89	0.00
82	3,3'-Dichlorobenzidine	0.428	0.418	2.3	90	0.00
83	Chrysene	1.289	1.257	2.5	88	-0.01
84	Bis(2-ethylhexyl)phthalate	0.844	0.907	-7.5	98	0.00
85 c	Di-n-octyl phthalate	1.277	1.409	-10.3	103	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	98	-0.02
87	Indeno(1,2,3-cd)pyrene	1.248	1.445	-15.8	112	-0.02
88	Benzo(b)fluoranthene	1.388	1.455	-4.8	111	-0.02
89	Benzo(k)fluoranthene	1.191	1.060	11.0	85	-0.02
90 C	Benzo(a)pyrene	1.087	1.062	2.3	97	-0.02
91	Dibenzo(a,h)anthracene	1.034	1.206	-16.6	112	-0.03
92	Benzo(g,h,i)perylene	1.052	1.208	-14.8	111	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140872.D
Acq On : 17 Dec 2024 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 17 09:45:23 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\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_F
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Quant Time: Dec 17 09:45:23 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	104	0.00
2	1,4-Dioxane	40.000	34.924	12.7	95	-0.03
3	Pyridine	40.000	42.204	-5.5	109	-0.03
4	n-Nitrosodimethylamine	40.000	38.757	3.1	102	-0.03
5 S	2-Fluorophenol	80.000	84.193	-5.2	111	0.00
6	Aniline	40.000	38.957	2.6	102	0.00
7 S	Phenol-d6	80.000	79.044	1.2	106	0.00
8	2-Chlorophenol	40.000	39.211	2.0	104	0.00
9	Benzaldehyde	40.000	39.340	1.6	106	0.00
10 C	Phenol	40.000	39.347	1.6	105	0.00
11	bis(2-Chloroethyl)ether	40.000	40.231	-0.6	106	0.00
12	1,3-Dichlorobenzene	40.000	39.401	1.5	105	0.00
13 C	1,4-Dichlorobenzene	40.000	39.194	2.0	104	0.00
14	1,2-Dichlorobenzene	40.000	38.892	2.8	102	0.00
15	Benzyl Alcohol	40.000	39.090	2.3	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.589	1.0	105	0.00
17	2-Methylphenol	40.000	39.323	1.7	104	0.00
18	Hexachloroethane	40.000	37.677	5.8	101	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.265	4.3	104	0.00
20	3+4-Methylphenols	40.000	38.252	4.4	103	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22	Acetophenone	40.000	40.145	-0.4	102	0.00
23 S	Nitrobenzene-d5	80.000	79.283	0.9	101	0.00
24	Nitrobenzene	40.000	39.430	1.4	100	0.00
25	Isophorone	40.000	39.733	0.7	102	0.00
26 C	2-Nitrophenol	40.000	39.907	0.2	100	0.00
27	2,4-Dimethylphenol	40.000	40.367	-0.9	101	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.898	0.3	100	0.00
29 C	2,4-Dichlorophenol	40.000	39.416	1.5	100	0.00
30	1,2,4-Trichlorobenzene	40.000	39.674	0.8	101	0.00
31	Naphthalene	40.000	39.230	1.9	101	0.00
32	Benzoic acid	40.000	37.613	6.0	93	0.00
33	4-Chloroaniline	40.000	39.135	2.2	99	0.00
34 C	Hexachlorobutadiene	40.000	38.326	4.2	97	0.00
35	Caprolactam	40.000	41.467	-3.7	104	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.186	2.0	99	0.00
37	2-Methylnaphthalene	40.000	38.885	2.8	98	0.00
38	1-Methylnaphthalene	40.000	38.753	3.1	98	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.207	2.0	99	0.00
41 P	Hexachlorocyclopentadiene	40.000	33.129	17.2	74	0.00
42 S	2,4,6-Tribromophenol	80.000	72.199	9.8	85	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.412	1.5	97	0.00
44	2,4,5-Trichlorophenol	40.000	38.966	2.6	97	0.00
45 S	2-Fluorobiphenyl	80.000	77.008	3.7	98	0.00
46	1,1'-Biphenyl	40.000	38.718	3.2	97	0.00
47	2-Chloronaphthalene	40.000	38.480	3.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140872.D
 Acq On : 17 Dec 2024 09:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 17 09:45:23 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	39.385	1.5	97	0.00
49	Acenaphthylene	40.000	38.543	3.6	95	0.00
50	Dimethylphthalate	40.000	38.696	3.3	96	0.00
51	2,6-Dinitrotoluene	40.000	39.397	1.5	97	0.00
52 C	Acenaphthene	40.000	38.522	3.7	94	0.00
53	3-Nitroaniline	40.000	39.699	0.8	96	0.00
54 P	2,4-Dinitrophenol	40.000	31.895	20.3	78	0.00
55	Dibenzofuran	40.000	37.501	6.2	92	0.00
56 P	4-Nitrophenol	40.000	34.044	14.9	78	0.00
57	2,4-Dinitrotoluene	40.000	39.120	2.2	95	0.00
58	Fluorene	40.000	35.016	12.5	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.183	4.5	87	0.00
60	Diethylphthalate	40.000	35.911	10.2	87	0.00
61	4-Chlorophenyl-phenylether	40.000	35.468	11.3	87	0.00
62	4-Nitroaniline	40.000	36.184	9.5	86	0.00
63	Azobenzene	40.000	35.327	11.7	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.884	0.3	82	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.625	0.9	86	0.00
67	4-Bromophenyl-phenylether	40.000	39.343	1.6	84	0.00
68	Hexachlorobenzene	40.000	39.860	0.4	87	0.00
69	Atrazine	40.000	38.739	3.2	84	0.00
70 C	Pentachlorophenol	40.000	36.883	7.8	74	0.00
71	Phenanthrene	40.000	38.619	3.5	85	0.00
72	Anthracene	40.000	38.955	2.6	86	0.00
73	Carbazole	40.000	37.753	5.6	83	0.00
74	Di-n-butylphthalate	40.000	39.349	1.6	86	0.00
75 C	Fluoranthene	40.000	37.448	6.4	83	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77	Benzydine	40.000	37.705	5.7	85	0.00
78	Pyrene	40.000	36.348	9.1	85	0.00
79 S	Terphenyl-d14	80.000	73.570	8.0	86	0.00
80	Butylbenzylphthalate	40.000	39.801	0.5	90	0.00
81	Benzo(a)anthracene	40.000	38.444	3.9	89	0.00
82	3,3'-Dichlorobenzidine	40.000	39.088	2.3	90	0.00
83	Chrysene	40.000	39.002	2.5	88	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	42.999	-7.5	98	0.00
85 c	Di-n-octyl phthalate	40.000	44.146	-10.4	103	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	98	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	46.297	-15.7	112	-0.02
88	Benzo(b)fluoranthene	40.000	41.921	-4.8	111	-0.02
89	Benzo(k)fluoranthene	40.000	35.611	11.0	85	-0.02
90 C	Benzo(a)pyrene	40.000	39.087	2.3	97	-0.02
91	Dibenzo(a,h)anthracene	40.000	46.673	-16.7	112	-0.03
92	Benzo(g,h,i)perylene	40.000	45.935	-14.8	111	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140872.D
Acq On : 17 Dec 2024 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Dec 17 09:45:23 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



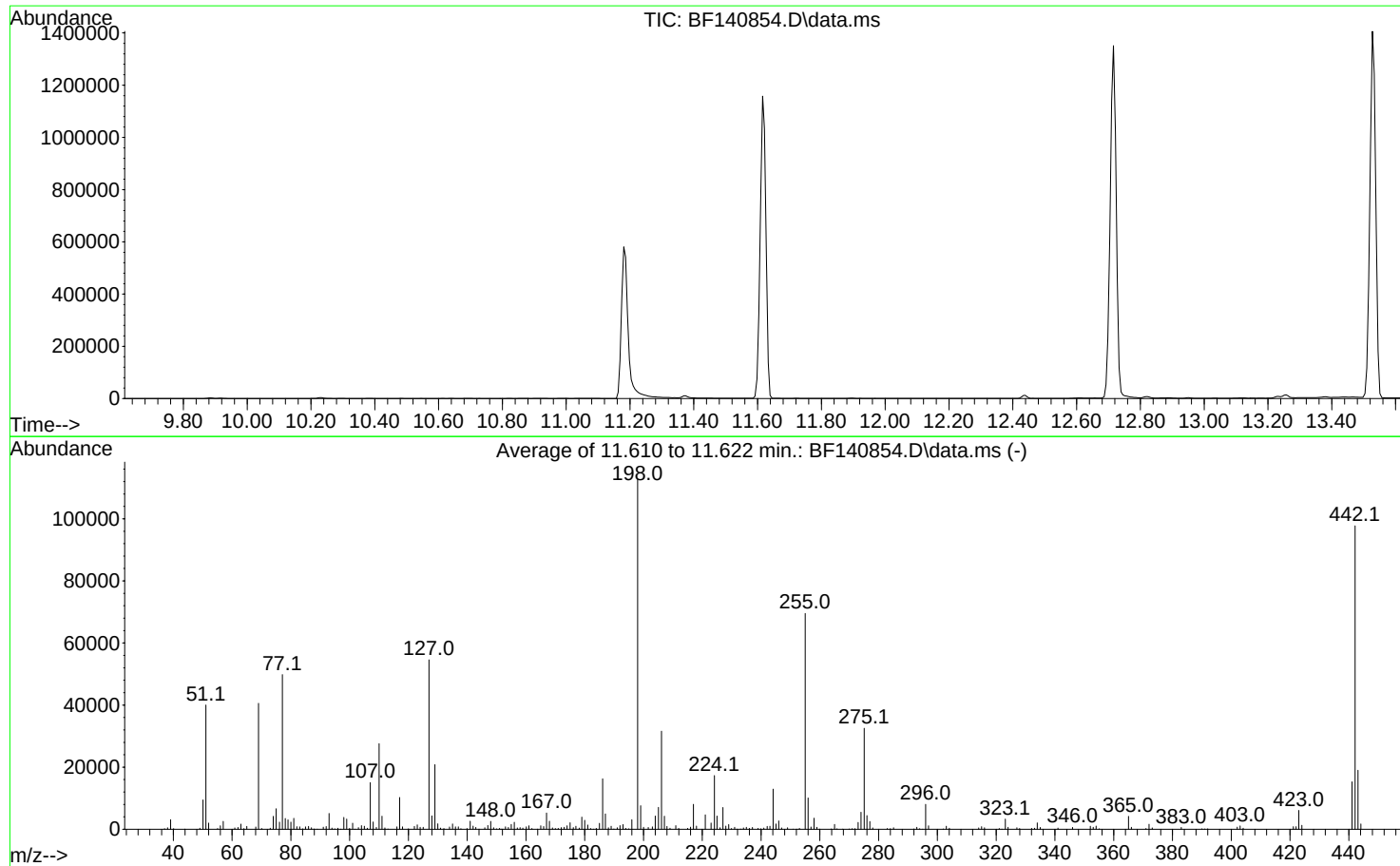
QC SAMPLE DATA

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

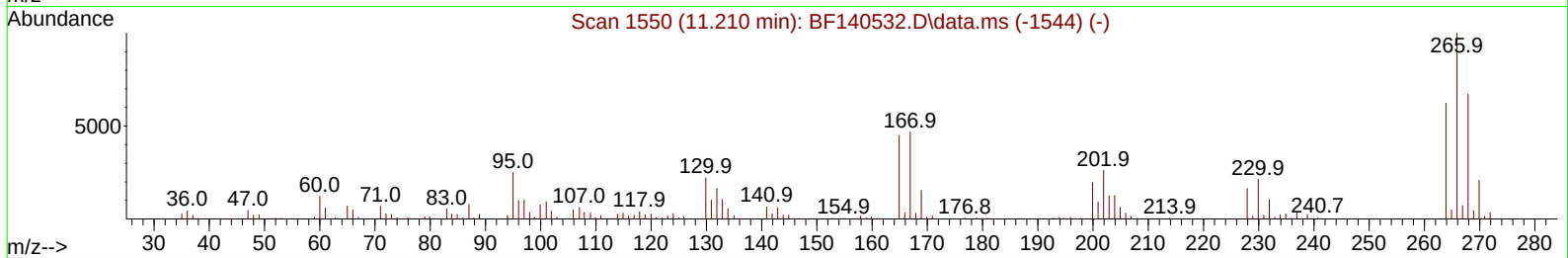
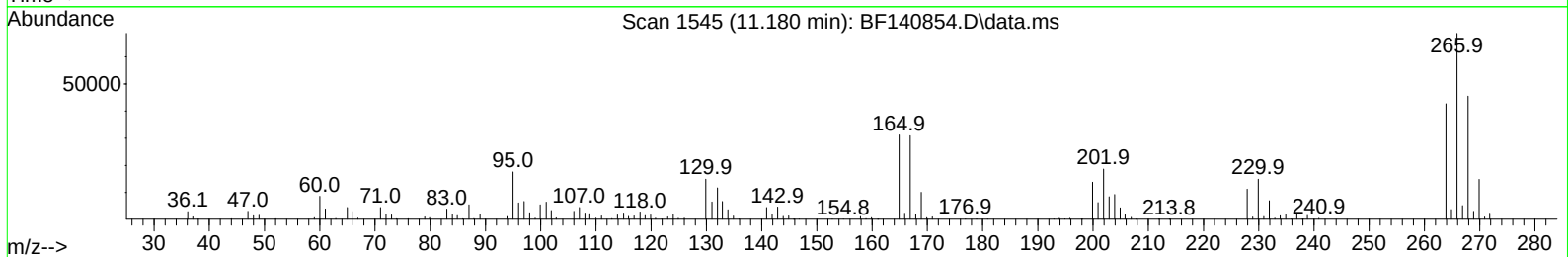
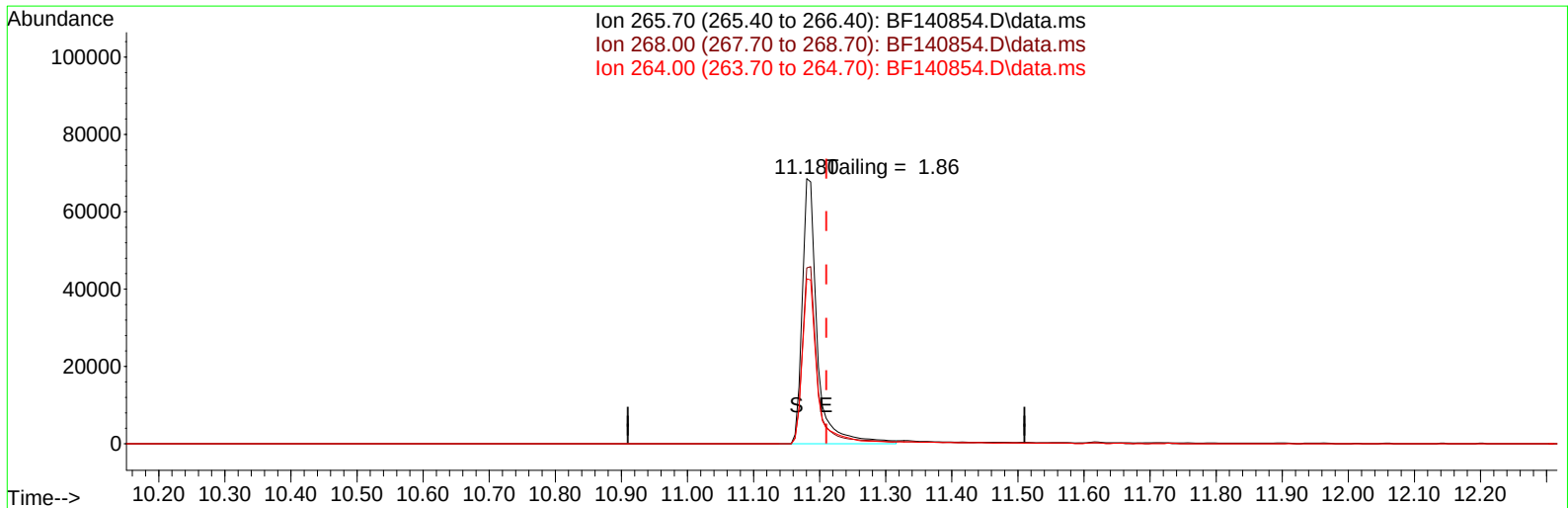
Date	Instrument Name	DFTPP Data File
12/16/2024	BNA_F	<u>BF140854.D</u>
Compound Name	Response	Retention Time
DDT	360303	13.527
DDD	6357	13.257
DDE	1383	12.892
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7740	368043	2.10

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

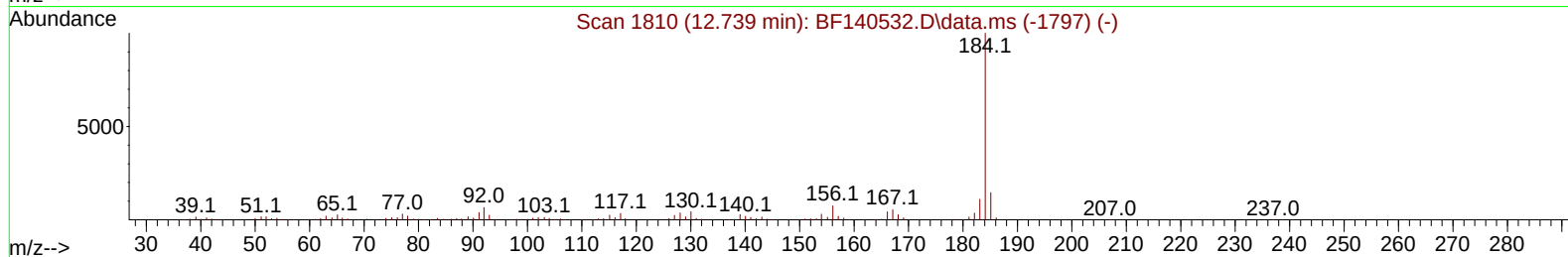
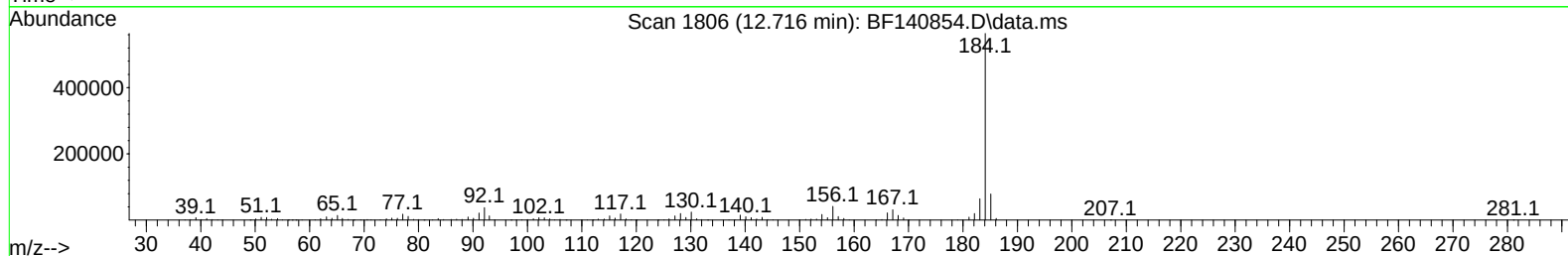
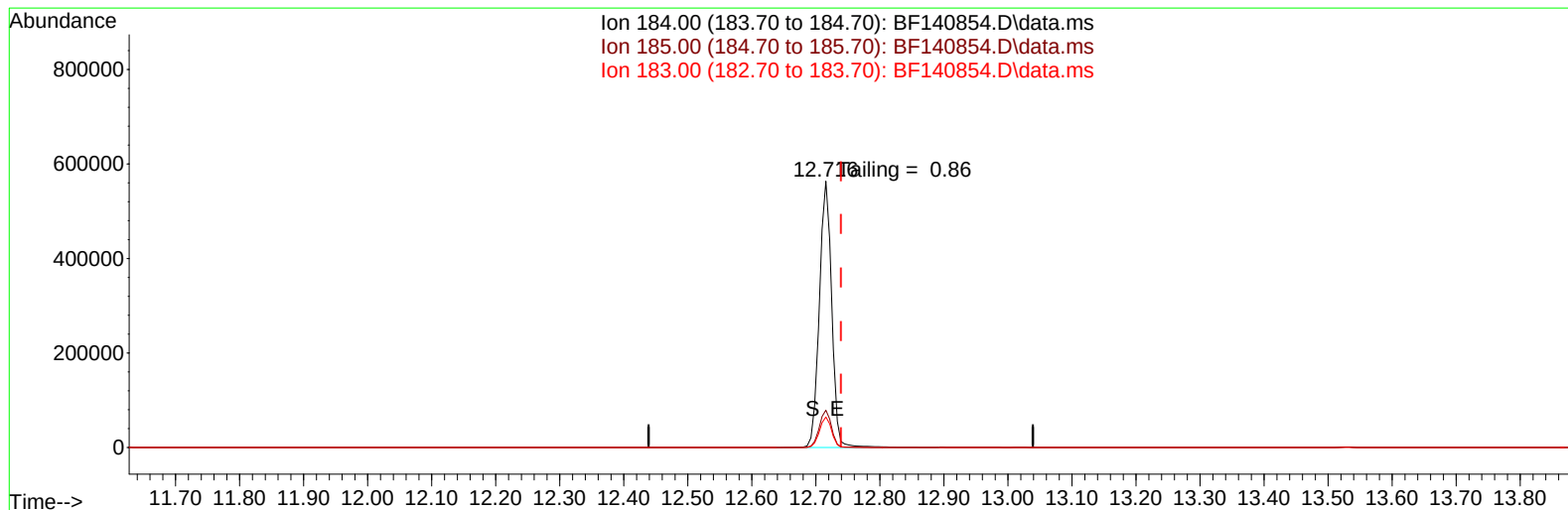
response 108541

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

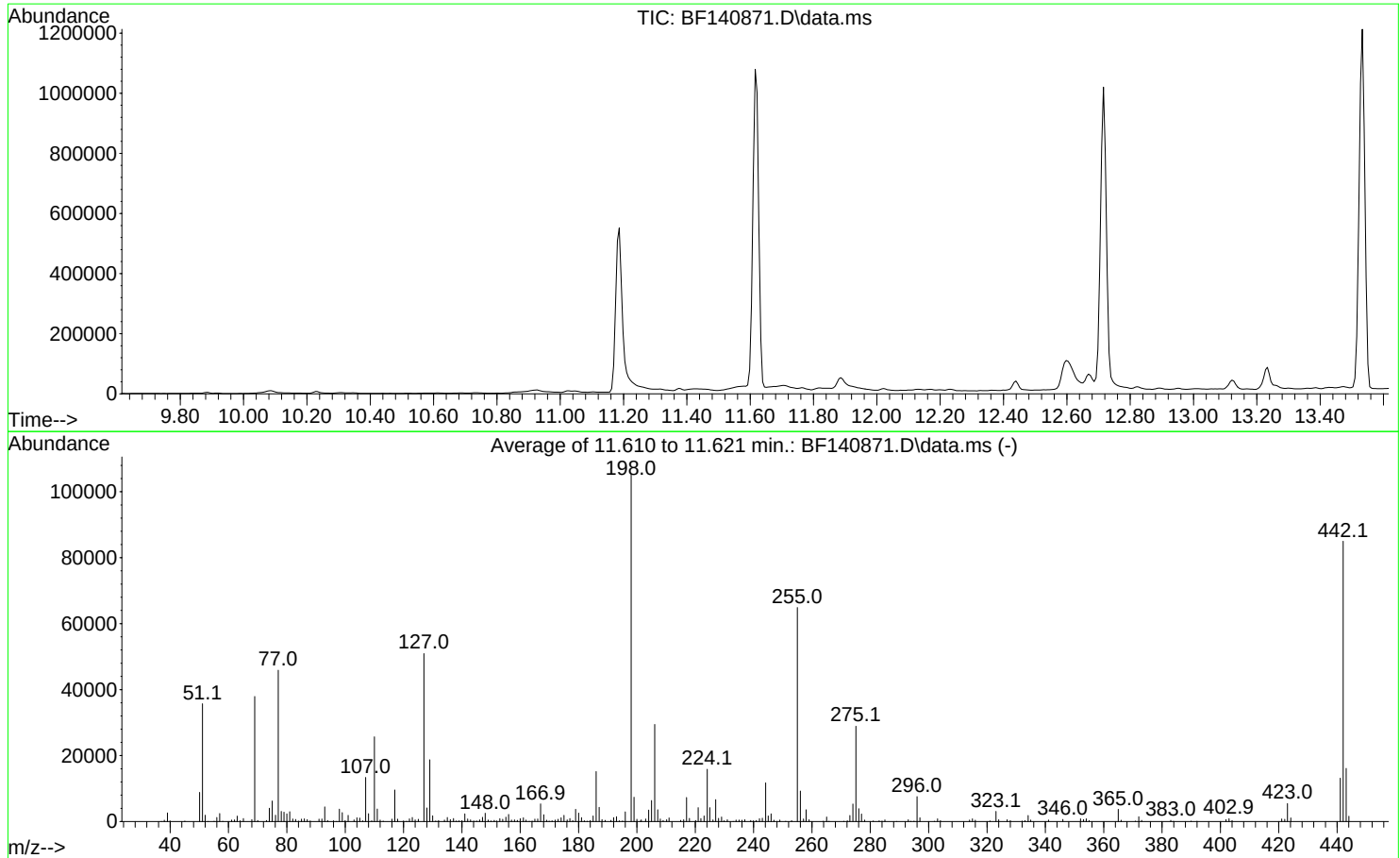
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.01
183.00	11.00	11.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140871.D
Acq On : 17 Dec 2024 08:58
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	33.9	35723	PASS
68	69	0.00	2	1.6	613	PASS
69	198	0.00	100	36.0	37923	PASS
70	69	0.00	2	0.8	308	PASS
127	198	10	80	48.4	50941	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	105283	PASS
199	198	5	9	7.0	7376	PASS
275	198	10	60	27.5	28917	PASS
365	198	1	100	3.5	3701	PASS
441	198	0.01	100	12.5	13159	PASS
442	442	50	100	100.0	84981	PASS
443	442	15	24	19.0	16139	PASS

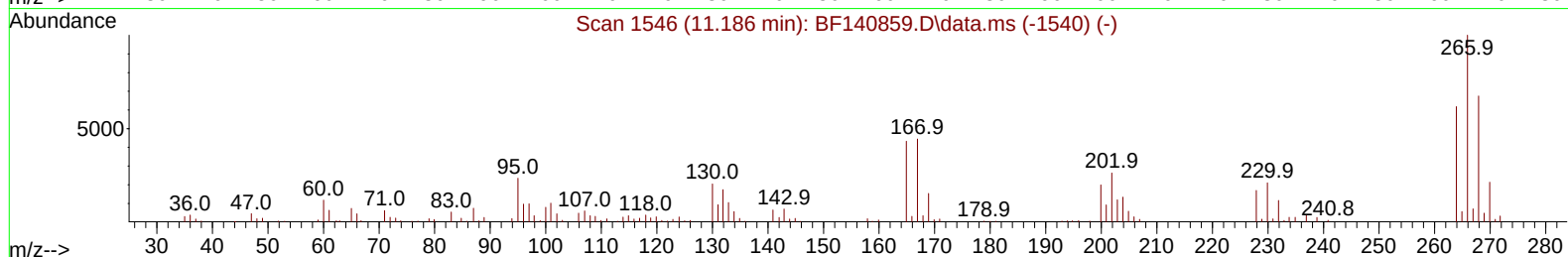
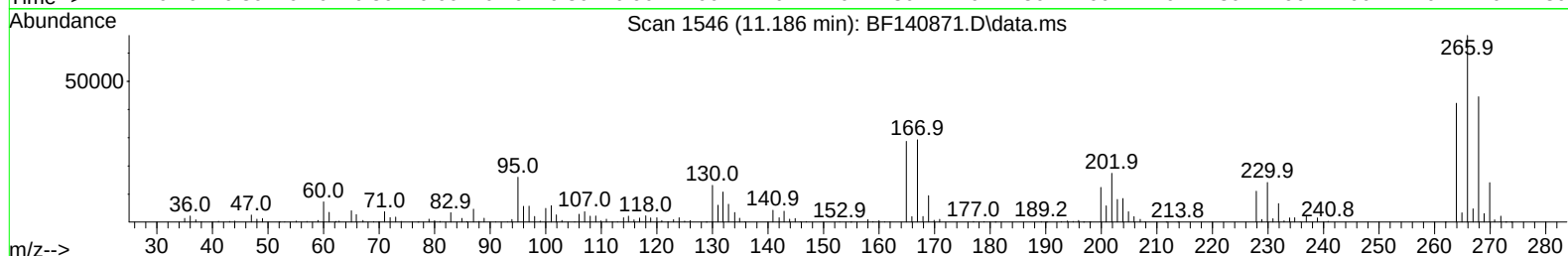
DDT Breakdown

Date	Instrument Name	DFTPP Data File
12/17/2024	BNA_F	<u>BF140871.D</u>
Compound Name	Response	Retention Time
DDT	301277	13.533
DDD	21919	13.233
DDE	1352	12.892
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
23271	324548	7.17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Instrument :
BNA_F
ClientSampleId :
DFTPP

lon 265.70 (265.40 to 266.40): BF140871.D\data.ms
lon 268.00 (267.70 to 268.70): BF140871.D\data.ms
lon 264.00 (263.70 to 264.70): BF140871.D\data.ms



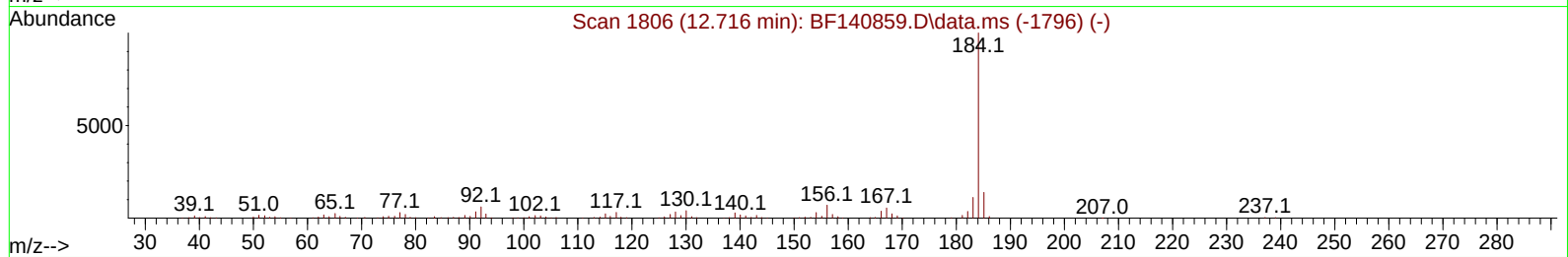
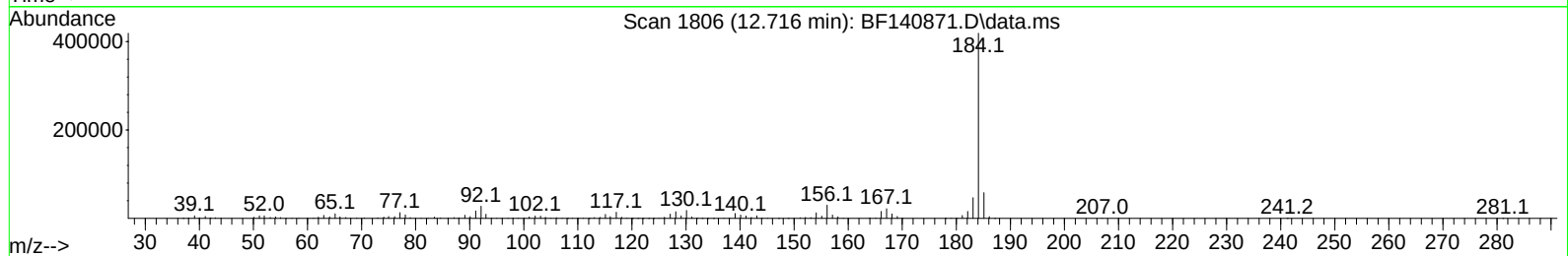
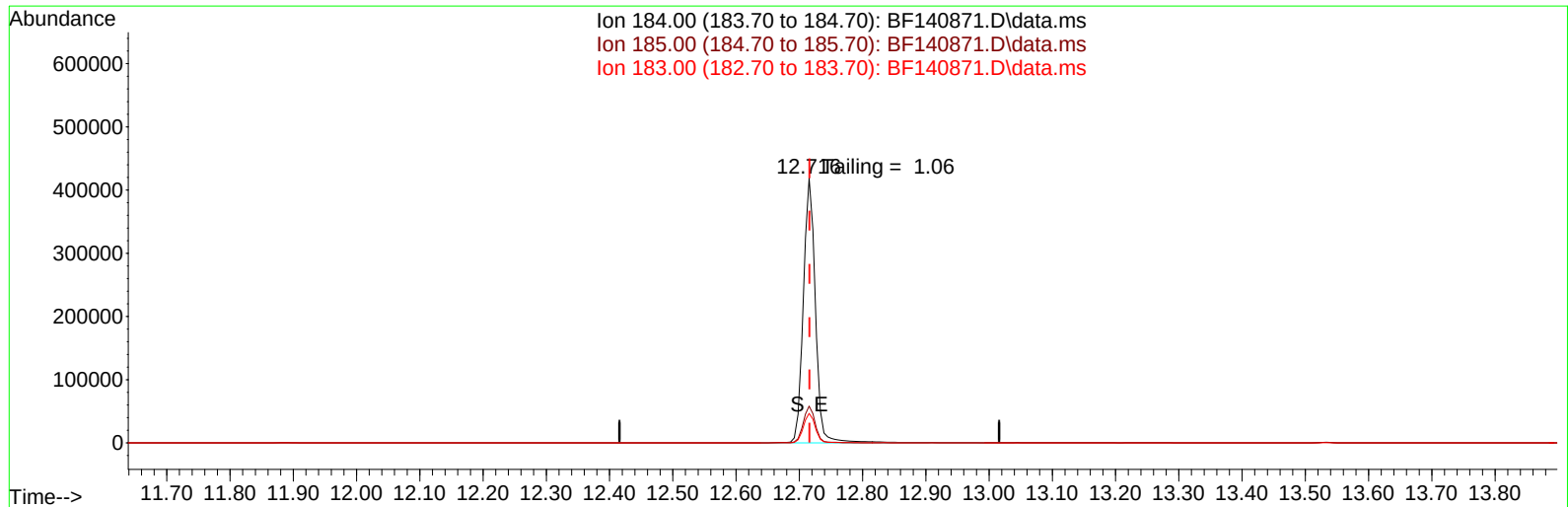
TIC: BF140871.D\data.ms

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.50	67.21
264.00	61.80	63.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140871.D
Acq On : 17 Dec 2024 08:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Dec 17 10:34:06 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 16:59:50 2024
Response via : Initial Calibration



TIC: BF140871.D\data.ms

(77) Benzidine

12.716min (-0.000) 4637.75 ng

response 561870

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	13.89
183.00	11.20	11.16
0.00	0.00	0.00

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BL	SDG No.:	P5192
Lab Sample ID:	PB165479BL	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140869.D	1	12/09/24 08:38	12/16/24 19:19	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.00	U	1.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	5.00	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
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BL	SDG No.:	P5192
Lab Sample ID:	PB165479BL	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140869.D	1	12/09/24 08:38	12/16/24 19:19	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
103-33-3	Azobenzene	1.20	U	1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	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
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
92-87-5	Benzidine	4.10	U	4.10	10.0	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	85.2		60 - 140	85%	SPK: 100
13127-88-3	Phenol-d6	86.3		60 - 140	86%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.7		60 - 140	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.5		60 - 140	84%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BL	SDG No.:	P5192
Lab Sample ID:	PB165479BL	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140869.D	1	12/09/24 08:38	12/16/24 19:19	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.4		60 - 140	76%	SPK: 100
1718-51-0	Terphenyl-d14	87.6		60 - 140	88%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	82800	6.845
1146-65-2	Naphthalene-d8	328000	8.128
15067-26-2	Acenaphthene-d10	202000	9.881
1517-22-2	Phenanthrene-d10	401000	11.369
1719-03-5	Chrysene-d12	263000	14.021
1520-96-3	Perylene-d12	223000	15.504

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\BF121624\
Data File : BF140869.D
Acq On : 16 Dec 2024 19:19
Operator : RC/JU
Sample : PB165479BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165479BL

Quant Time: Dec 17 00:04:35 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	82805	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	327708	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	201977	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	401301	20.000	ng	0.00
76) Chrysene-d12	14.021	240	262998	20.000	ng	-0.01
86) Perylene-d12	15.504	264	223090	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	428340	85.155	ng	0.00
7) Phenol-d6	6.493	99	575231	86.339	ng	0.00
23) Nitrobenzene-d5	7.410	82	613547	93.670	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	182399	76.355	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1240710	84.455	ng	0.00
79) Terphenyl-d14	12.957	244	1461608	87.634	ng	0.00

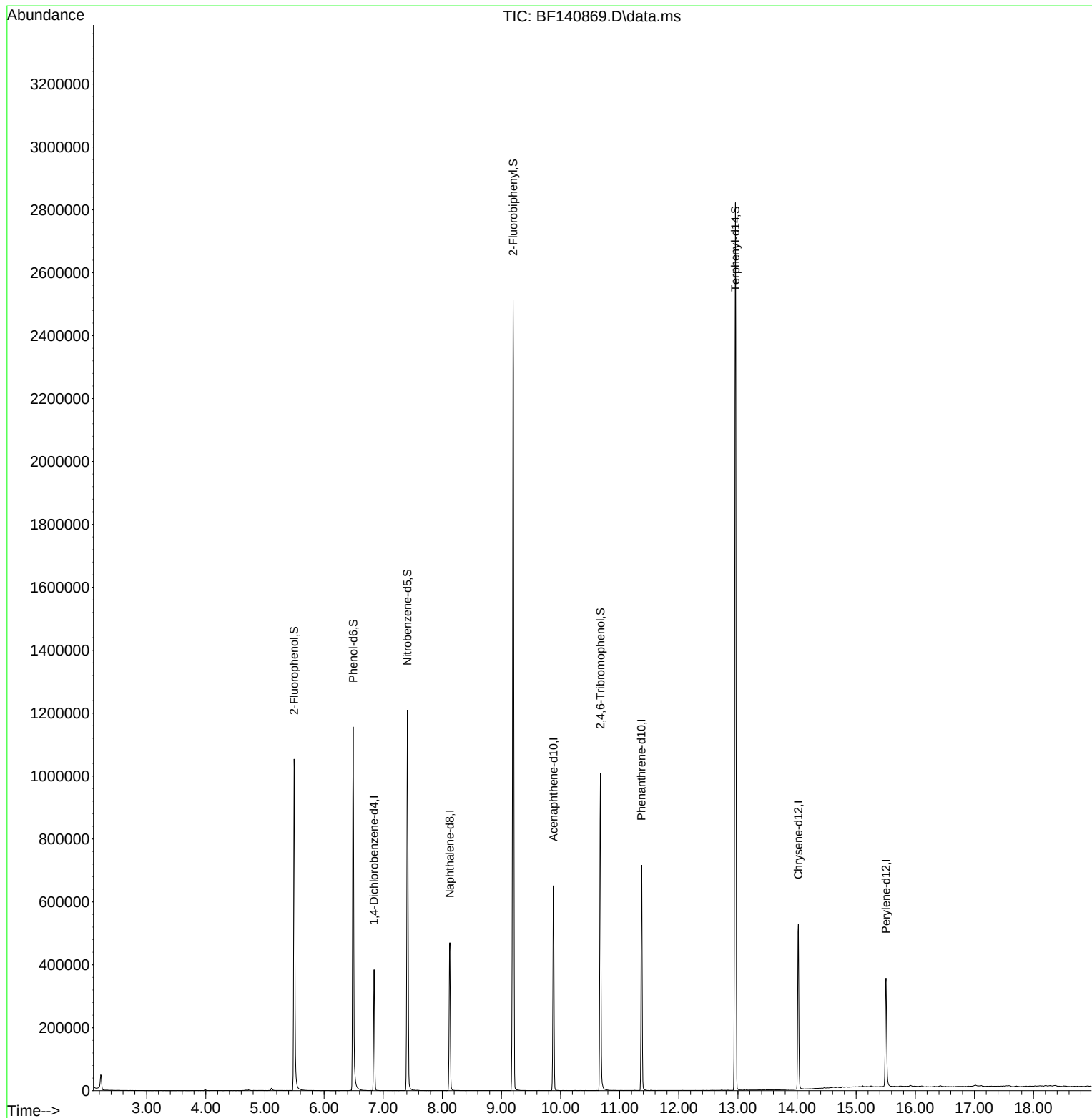
Target Compounds	Qvalue

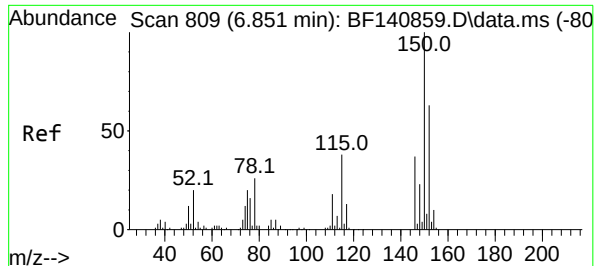
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140869.D
Acq On : 16 Dec 2024 19:19
Operator : RC/JU
Sample : PB165479BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165479BL

Quant Time: Dec 17 00:04:35 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

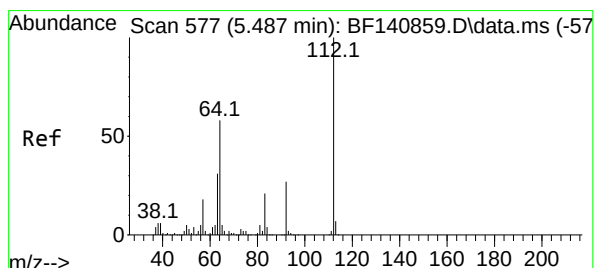
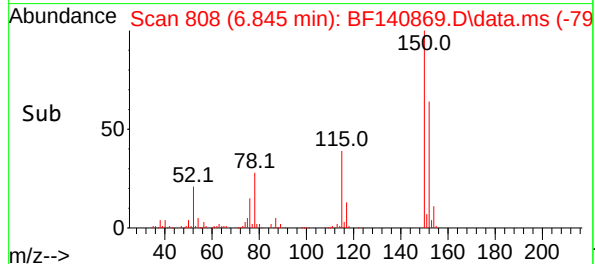
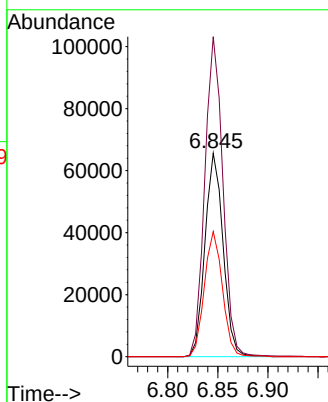
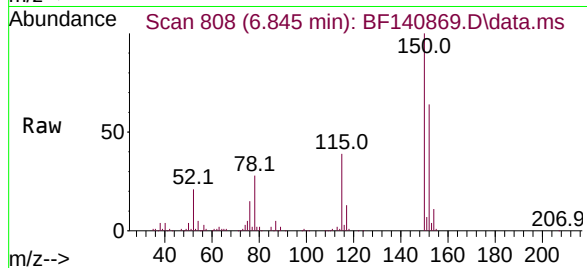




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140869.D
Acq: 16 Dec 2024 19:19

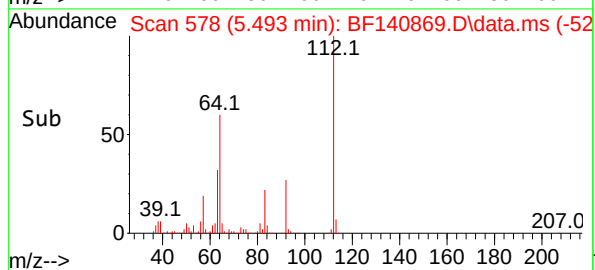
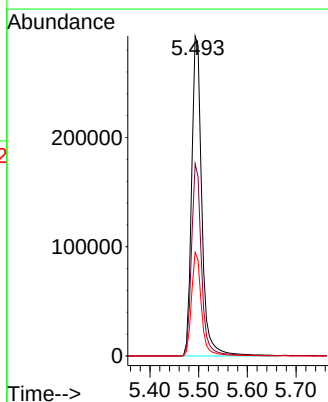
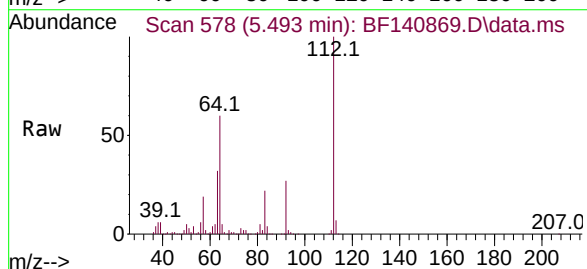
Instrument :
BNA_F
ClientSampleId :
PB165479BL

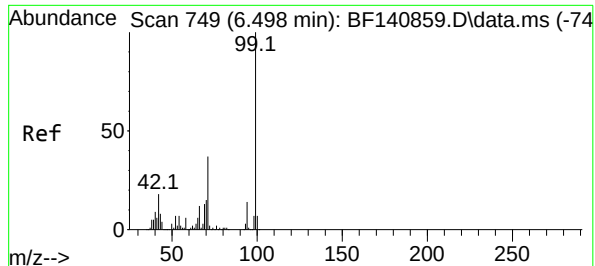
Tgt Ion:152 Resp: 82805
Ion Ratio Lower Upper
152 100
150 157.2 127.9 191.9
115 61.5 48.0 72.0



#5
2-Fluorophenol
Concen: 85.155 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140869.D
Acq: 16 Dec 2024 19:19

Tgt Ion:112 Resp: 428340
Ion Ratio Lower Upper
112 100
64 60.0 46.1 69.1
63 32.4 24.9 37.3





#7

Phenol-d6

Concen: 86.339 ng

RT: 6.493 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF140869.D

Acq: 16 Dec 2024 19:19

Instrument :

BNA_F

ClientSampleId :

PB165479BL

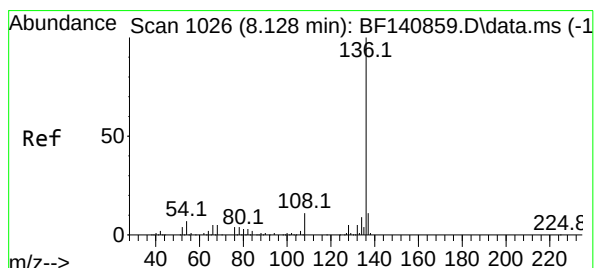
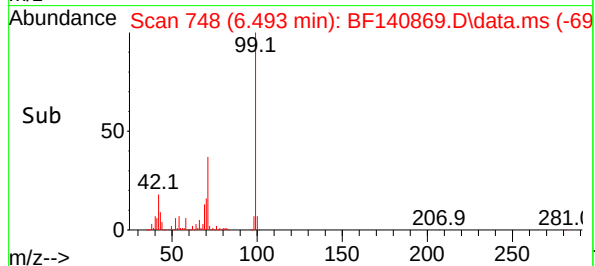
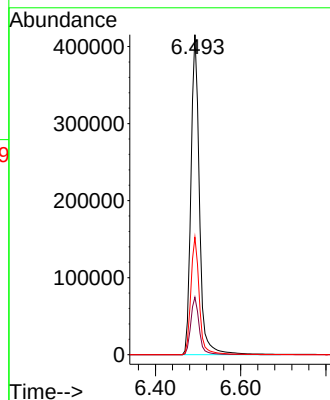
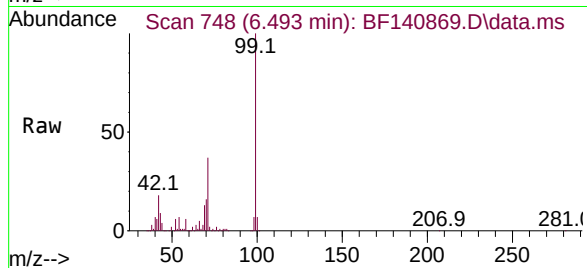
Tgt Ion: 99 Resp: 575231

Ion Ratio Lower Upper

99 100

42 17.9 14.3 21.5

71 36.7 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: BF140869.D

Acq: 16 Dec 2024 19:19

Tgt Ion: 136 Resp: 327708

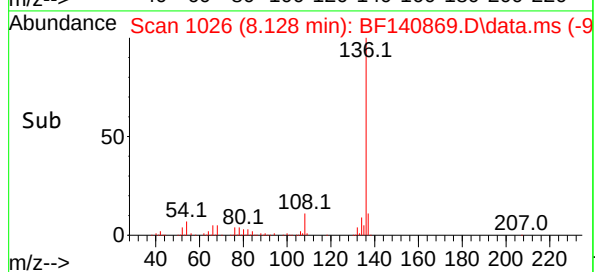
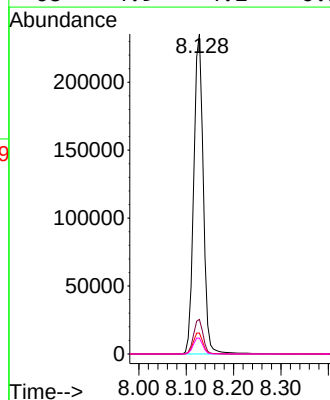
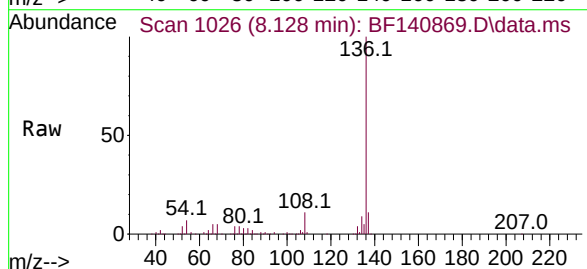
Ion Ratio Lower Upper

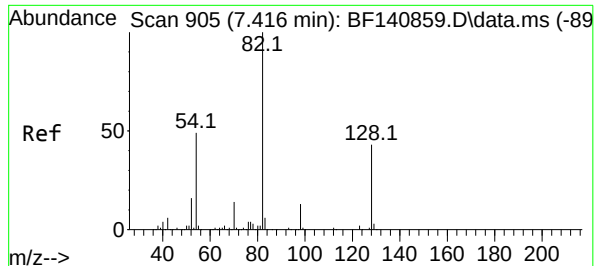
136 100

137 10.8 9.0 13.4

54 6.5 5.6 8.4

68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 93.670 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140869.D

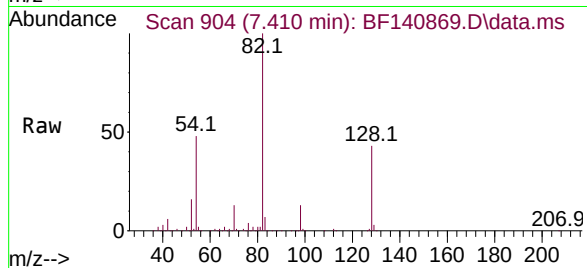
Acq: 16 Dec 2024 19:19

Instrument :

BNA_F

ClientSampleId :

PB165479BL



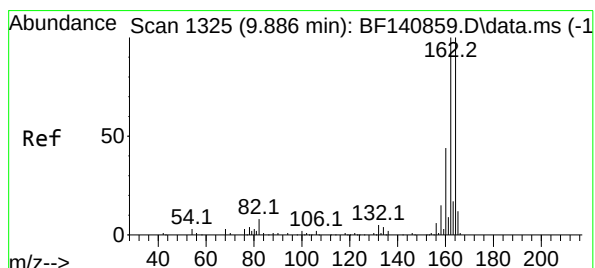
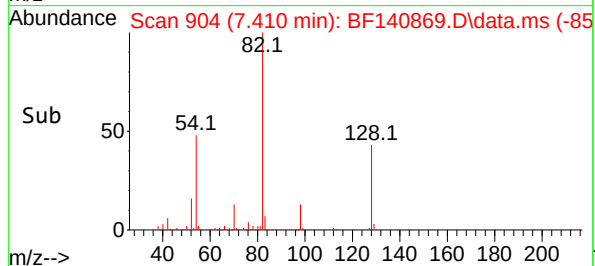
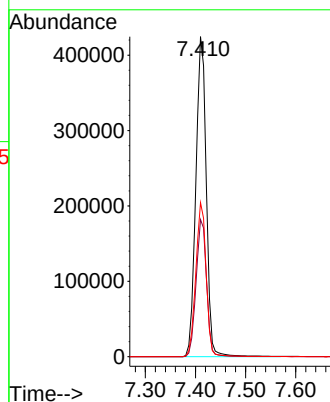
Tgt Ion: 82 Resp: 613547

Ion Ratio Lower Upper

82 100

128 42.8 34.4 51.6

54 48.2 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: BF140869.D

Acq: 16 Dec 2024 19:19

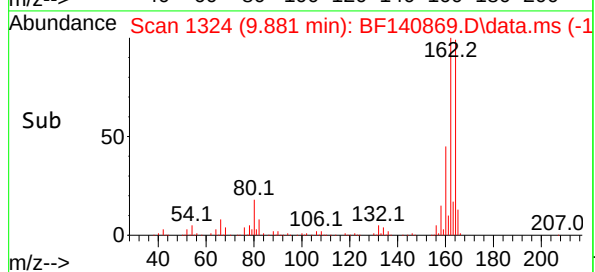
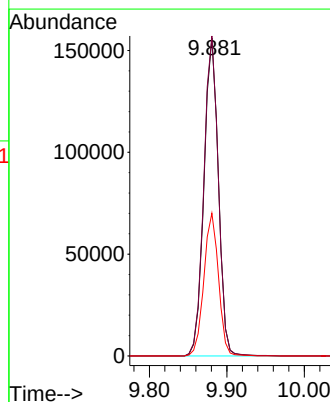
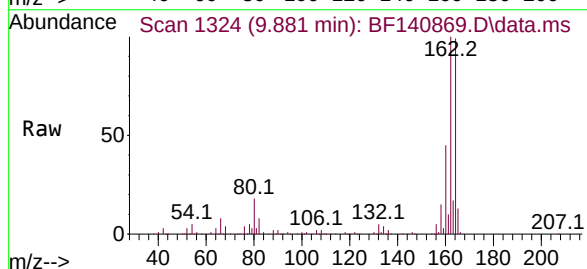
Tgt Ion: 164 Resp: 201977

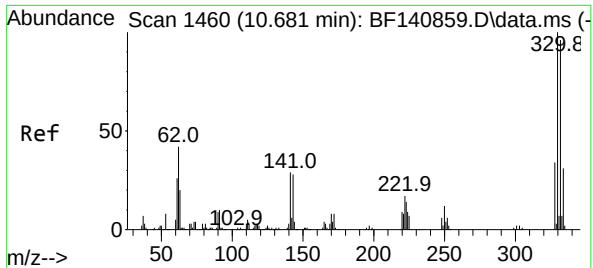
Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

160 44.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 76.355 ng

RT: 10.675 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF140869.D

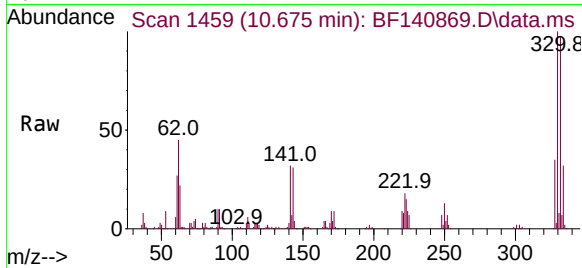
Acq: 16 Dec 2024 19:19

Instrument :

BNA_F

ClientSampleId :

PB165479BL



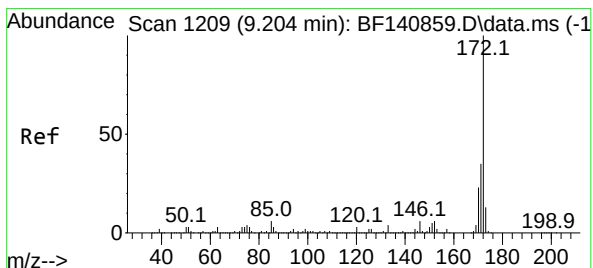
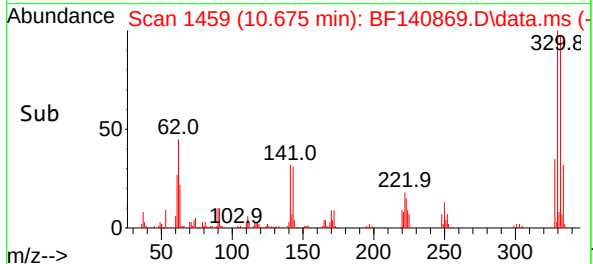
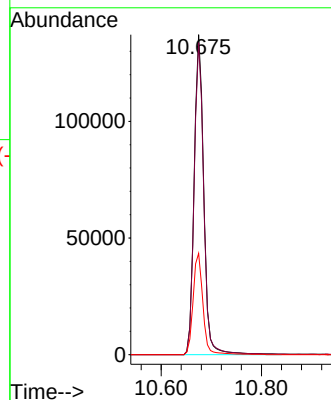
Tgt Ion:330 Resp: 182399

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 32.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.455 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140869.D

Acq: 16 Dec 2024 19:19

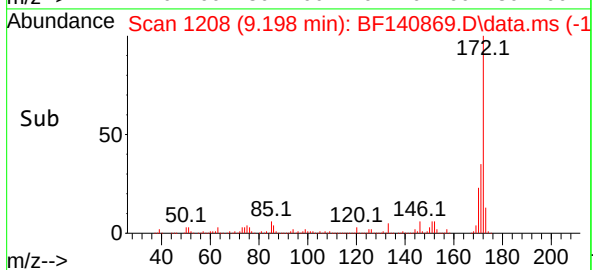
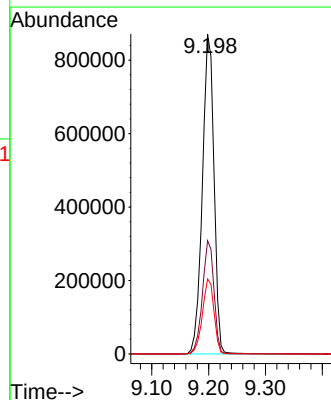
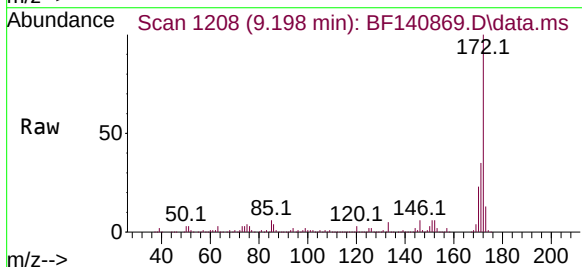
Tgt Ion:172 Resp: 1240710

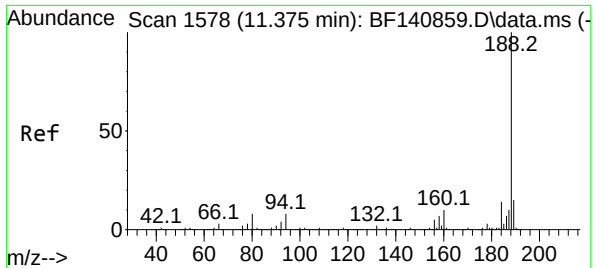
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 18.6 28.0

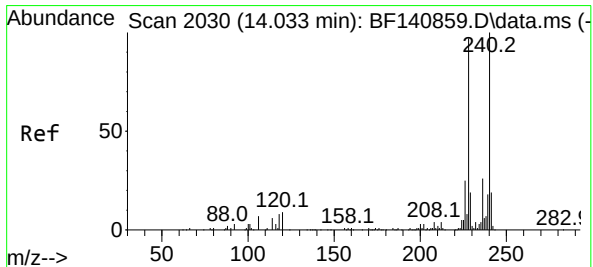
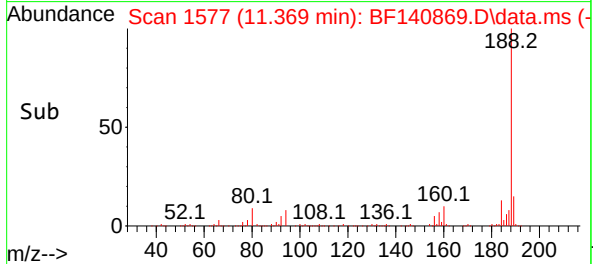
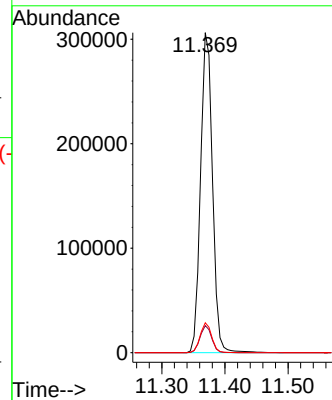
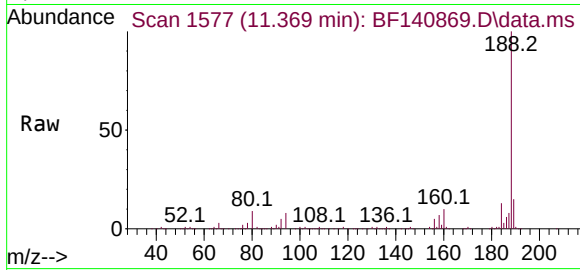




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140869.D
Acq: 16 Dec 2024 19:19

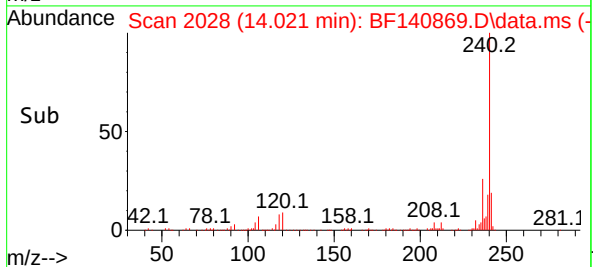
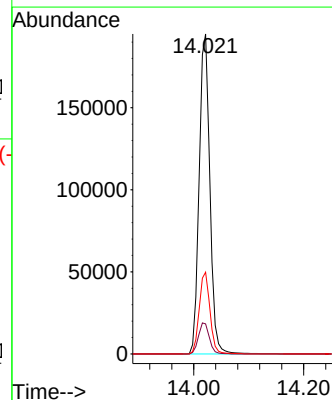
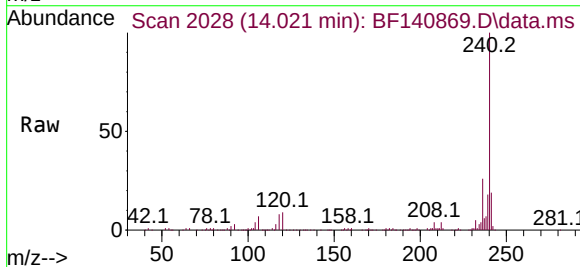
Instrument :
BNA_F
ClientSampleId :
PB165479BL

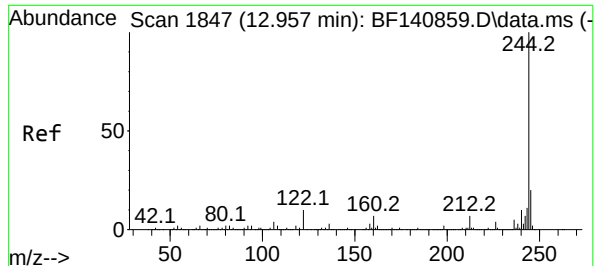
Tgt Ion:188 Resp: 401301
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140869.D
Acq: 16 Dec 2024 19:19

Tgt Ion:240 Resp: 262998
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 87.634 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140869.D

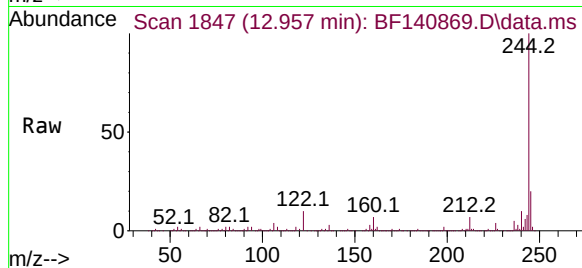
Acq: 16 Dec 2024 19:19

Instrument :

BNA_F

ClientSampleId :

PB165479BL



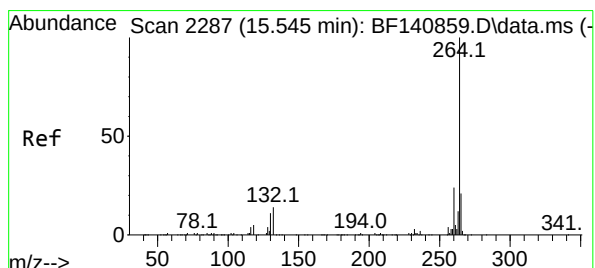
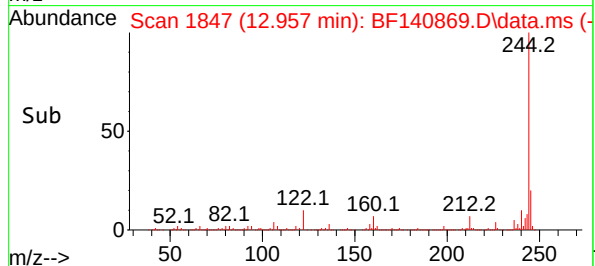
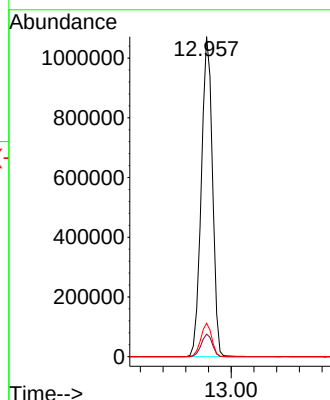
Tgt Ion:244 Resp: 1461608

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140869.D

Acq: 16 Dec 2024 19:19

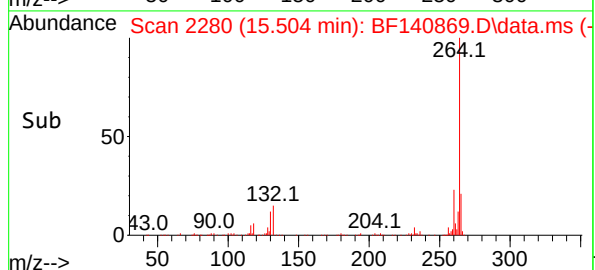
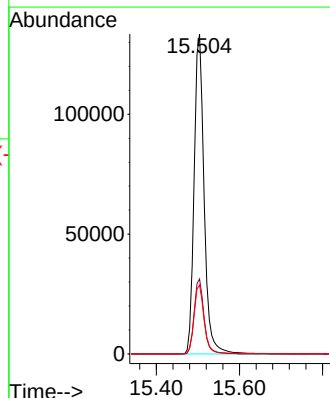
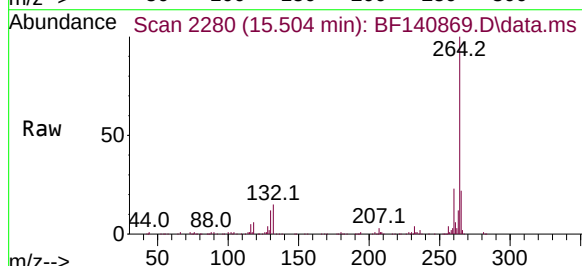
Tgt Ion:264 Resp: 223090

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.6 17.0 25.4



Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BS	SDG No.:	P5192
Lab Sample ID:	PB165479BS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140867.D	1	12/09/24 08:38	12/16/24 18:26	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	50.5		1.00	10.0	ug/L
108-95-2	Phenol	48.9		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.4		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	49.6		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.4		1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.3		1.50	5.00	ug/L
67-72-1	Hexachloroethane	46.2		1.00	5.00	ug/L
98-95-3	Nitrobenzene	47.0		1.30	5.00	ug/L
78-59-1	Isophorone	50.5		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	49.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	59.5		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.7		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	48.9		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.5		1.10	5.00	ug/L
91-20-3	Naphthalene	47.1		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.4		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	47.7		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.6		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	47.8		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.4		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	50.0		0.93	5.00	ug/L
208-96-8	Acenaphthylene	51.5		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.0		1.20	5.00	ug/L
83-32-9	Acenaphthene	49.0		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	83.9	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	99.7	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	48.8		1.50	5.00	ug/L
84-66-2	Diethylphthalate	49.6		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.0		0.98	5.00	ug/L

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BS	SDG No.:	P5192
Lab Sample ID:	PB165479BS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140867.D	1	12/09/24 08:38	12/16/24 18:26	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	47.2		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.4		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	51.2		0.89	5.00	ug/L
103-33-3	Azobenzene	47.8		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.1		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	48.1		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	99.3	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	49.9		0.89	5.00	ug/L
120-12-7	Anthracene	51.4		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	47.7		1.30	5.00	ug/L
92-87-5	Benzidine	44.8		4.10	10.0	ug/L
129-00-0	Pyrene	46.5		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.0		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.7		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	49.7		0.94	5.00	ug/L
218-01-9	Chrysene	48.3		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.8		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	53.0		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.2		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	52.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	54.6		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.7		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.4		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	51.1		1.20	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	96.3	60 - 140	96%	SPK: 100
13127-88-3	Phenol-d6	92.2	60 - 140	92%	SPK: 100
4165-60-0	Nitrobenzene-d5	96.9	60 - 140	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.2	60 - 140	94%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BS	SDG No.:	P5192
Lab Sample ID:	PB165479BS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140867.D	1	12/09/24 08:38	12/16/24 18:26	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.2		60 - 140	94%	SPK: 100
1718-51-0	Terphenyl-d14	94.4		60 - 140	94%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	68100	6.846
1146-65-2	Naphthalene-d8	255000	8.128
15067-26-2	Acenaphthene-d10	146000	9.886
1517-22-2	Phenanthrene-d10	281000	11.375
1719-03-5	Chrysene-d12	199000	14.022
1520-96-3	Perylene-d12	173000	15.504

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\BF121624\
 Data File : BF140867.D
 Acq On : 16 Dec 2024 18:26
 Operator : RC/JU
 Sample : PB165479BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

Quant Time: Dec 17 00:03:46 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	6.846	152	68083	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	254612	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	145533	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	280715	20.000	ng	0.00
76) Chrysene-d12	14.022	240	199131	20.000	ng	-0.01
86) Perylene-d12	15.504	264	173133	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	398277	96.300	ng	0.01
7) Phenol-d6	6.498	99	505259	92.236	ng	0.00
23) Nitrobenzene-d5	7.416	82	492959	96.866	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	162146	94.203	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	997094	94.195	ng	0.00
79) Terphenyl-d14	12.957	244	1191545	94.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	72393	40.638	ng	99
3) Pyridine	3.505	79	179905	43.607	ng	98
4) n-Nitrosodimethylamine	3.463	42	105089	50.529	ng	98
6) Aniline	6.516	93	183007	39.073	ng	89
8) 2-Chlorophenol	6.640	128	223754	49.612	ng	98
9) Benzaldehyde	6.404	77	58061	19.129	ng	97
10) Phenol	6.510	94	277673	48.908	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	209228	49.416	ng	99
12) 1,3-Dichlorobenzene	6.787	146	239625	46.627	ng	99
13) 1,4-Dichlorobenzene	6.863	146	241971	46.385	ng	99
14) 1,2-Dichlorobenzene	7.016	146	227129	46.146	ng	98
15) Benzyl Alcohol	6.998	79	204958	52.329	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	246230	49.367	ng	85
17) 2-Methylphenol	7.116	107	177038	49.167	ng	97
18) Hexachloroethane	7.351	117	89672	46.175	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	162081	49.326	ng	99
20) 3+4-Methylphenols	7.269	107	235014	49.220	ng	94
22) Acetophenone	7.263	105	314177	49.327	ng	98
24) Nitrobenzene	7.434	77	245009	46.994	ng	100
25) Isophorone	7.675	82	430396	50.474	ng	99
26) 2-Nitrophenol	7.751	139	118309	49.271	ng	98
27) 2,4-Dimethylphenol	7.787	122	166942	59.532	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	259615	48.747	ng	99
29) 2,4-Dichlorophenol	7.998	162	189211	48.872	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	201718	45.451	ng	99
31) Naphthalene	8.151	128	658553	47.086	ng	99
32) Benzoic acid	7.945	122	116554	43.825	ng	100
33) 4-Chloroaniline	8.204	127	102486	22.063	ng	99
34) Hexachlorobutadiene	8.257	225	138666	46.439	ng	100
35) Caprolactam	8.587	113	55387m	48.055	ng	
36) 4-Chloro-3-methylphenol	8.704	107	207785	47.685	ng	99
37) 2-Methylnaphthalene	8.839	142	436861	47.219	ng	100
38) 1-Methylnaphthalene	8.940	142	406632	44.441	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	218888	48.934	ng	99
41) Hexachlorocyclopentadiene	8.987	237	119635	76.612	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130798	47.754	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140867.D
 Acq On : 16 Dec 2024 18:26
 Operator : RC/JU
 Sample : PB165479BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BS

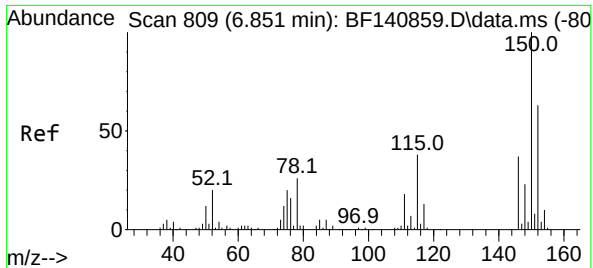
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	139286	46.266	ng	99
46) 1,1'-Biphenyl	9.304	154	547151	47.280	ng	100
47) 2-Chloronaphthalene	9.334	162	410810	46.403	ng	99
48) 2-Nitroaniline	9.439	65	129999	48.620	ng	96
49) Acenaphthylene	9.745	152	669595	51.466	ng	100
50) Dimethylphthalate	9.604	163	512580	49.957	ng	100
51) 2,6-Dinitrotoluene	9.681	165	107961	46.027	ng	97
52) Acenaphthene	9.916	154	406902	48.961	ng	99
53) 3-Nitroaniline	9.851	138	70003	30.073	ng	98
54) 2,4-Dinitrophenol	9.969	184	96418	83.899	ng	98
55) Dibenzofuran	10.092	168	617122	47.921	ng	99
56) 4-Nitrophenol	10.034	139	126331	99.734	ng	89
57) 2,4-Dinitrotoluene	10.086	165	150626	48.806	ng	98
58) Fluorene	10.434	166	501643	47.217	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	122273	49.843	ng	98
60) Diethylphthalate	10.304	149	528222	49.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	256421	48.048	ng	98
62) 4-Nitroaniline	10.469	138	109152	44.872	ng	94
63) Azobenzene	10.586	77	478016	47.789	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	77066	48.448	ng	97
66) n-Nitrosodiphenylamine	10.545	169	441708	51.179	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	154268	49.123	ng	99
68) Hexachlorobenzene	10.986	284	171401	48.139	ng	99
69) Atrazine	11.075	200	148546	61.626	ng	98
70) Pentachlorophenol	11.186	266	129262	99.297	ng	98
71) Phenanthrene	11.398	178	720647	49.922	ng	99
72) Anthracene	11.451	178	730638	51.395	ng	99
73) Carbazole	11.610	167	670829	48.176	ng	100
74) Di-n-butylphthalate	11.928	149	820883	50.232	ng	99
75) Fluoranthene	12.592	202	793652	47.739	ng	100
77) Benzidine	12.716	184	182015	44.785	ng	99
78) Pyrene	12.822	202	822879	46.470	ng	100
80) Butylbenzylphthalate	13.427	149	325666	49.982	ng	100
81) Benzo(a)anthracene	14.016	228	700740	49.652	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	135088	31.726	ng	98
83) Chrysene	14.051	228	619338	48.259	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	443635	52.805	ng	99
85) Di-n-octyl phthalate	14.598	149	673998	53.027	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	591338	54.732	ng	99
88) Benzo(b)fluoranthene	15.074	252	578802	48.161	ng	99
89) Benzo(k)fluoranthene	15.104	252	540198	52.400	ng	100
90) Benzo(a)pyrene	15.445	252	513351	54.551	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	486982	54.407	ng	99
92) Benzo(g,h,i)perylene	17.457	276	465302	51.077	ng	99

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

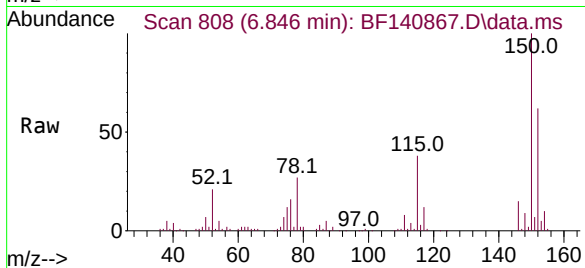
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BNA_F
ClientSampleId :
PB165479BS

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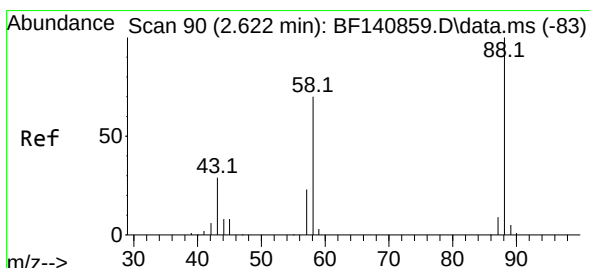
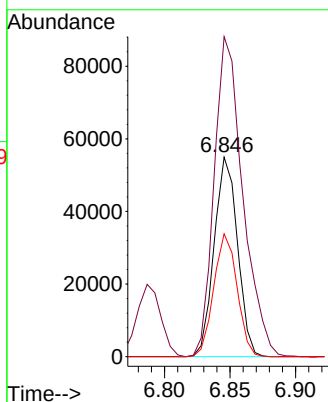
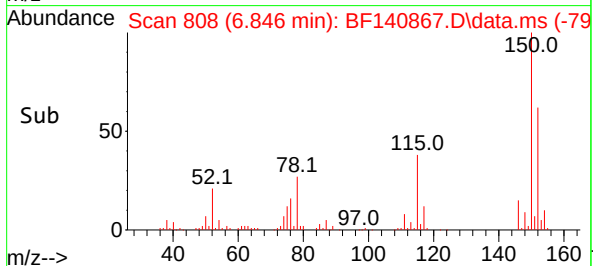


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Instrument :
BNA_F
ClientSampleId :
PB165479BS

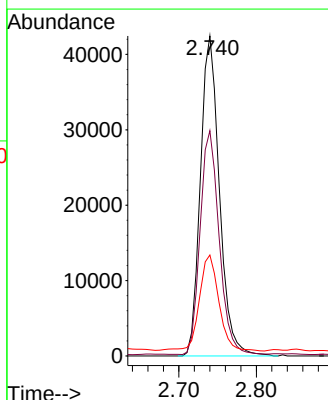
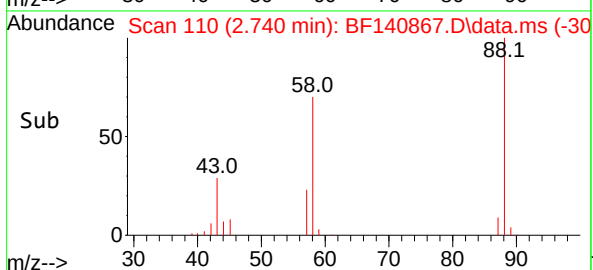
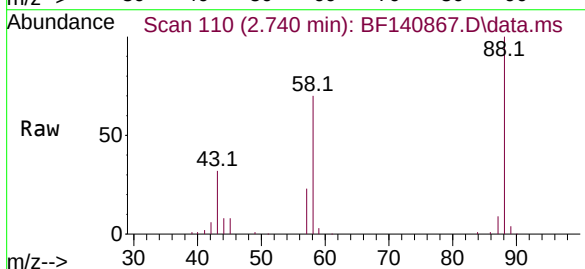


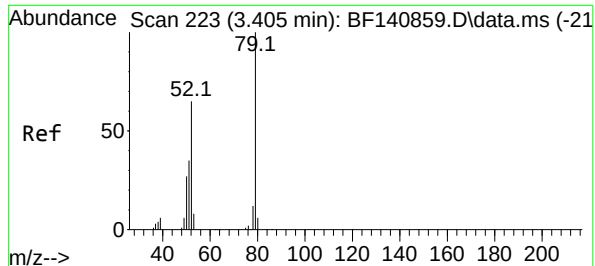
Tgt Ion:152 Resp: 68083
Ion Ratio Lower Upper
152 100
150 160.4 127.9 191.9
115 61.6 48.0 72.0



#2
1,4-Dioxane
Concen: 40.638 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.118 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 88 Resp: 72393
Ion Ratio Lower Upper
88 100
58 69.7 55.8 83.8
43 30.9 22.7 34.1





#3

Pyridine

Concen: 43.607 ng

RT: 3.505 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF140867.D

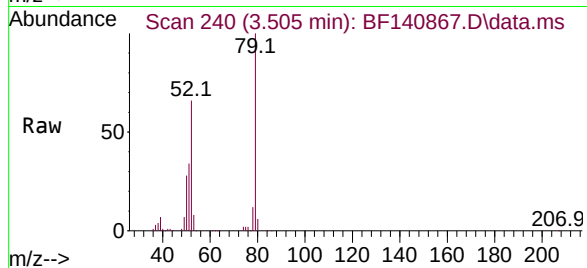
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Instrument :

BNA_F

ClientSampleId :

PB165479BS



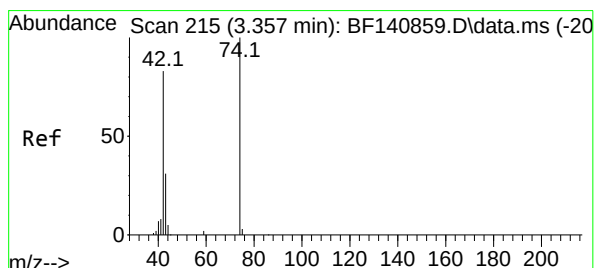
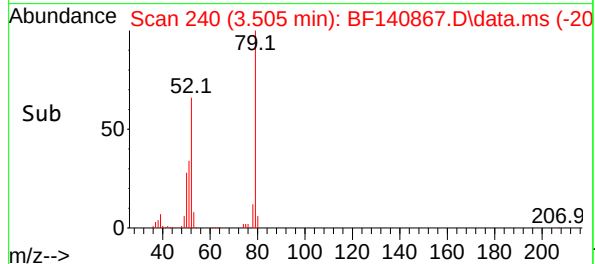
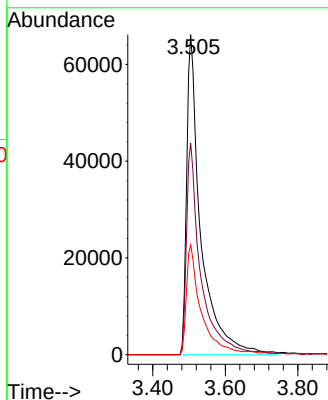
Tgt Ion: 79 Resp: 179905

Ion	Ratio	Lower	Upper

79	100		

52	66.2	51.7	77.5

51	34.3	28.2	42.4



#4

n-Nitrosodimethylamine

Concen: 50.529 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.106 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

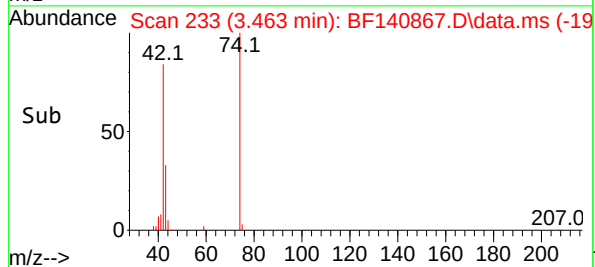
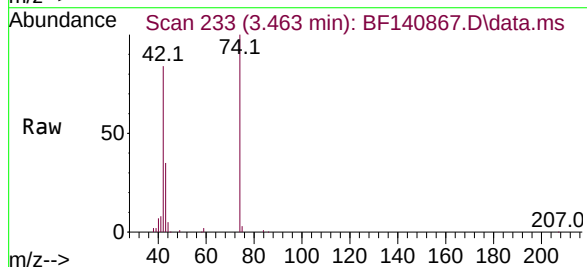
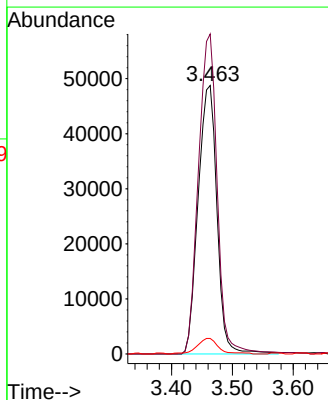
Tgt Ion: 42 Resp: 105089

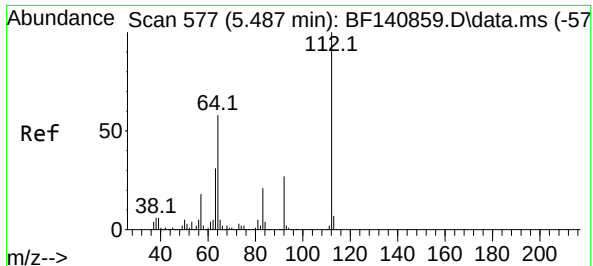
Ion	Ratio	Lower	Upper

42	100		

74	119.2	96.9	145.3

44	5.8	4.4	6.6

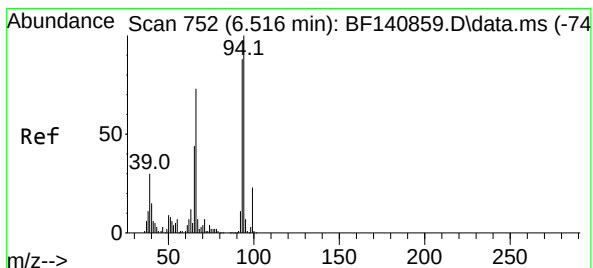
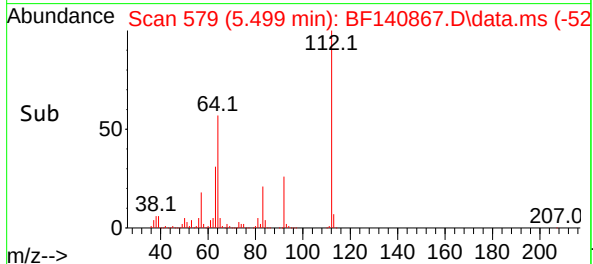
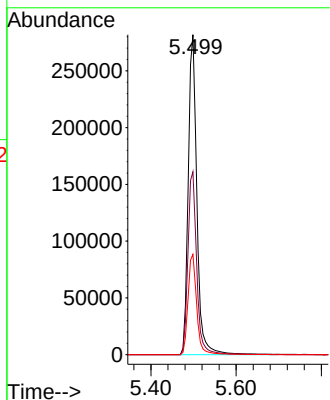
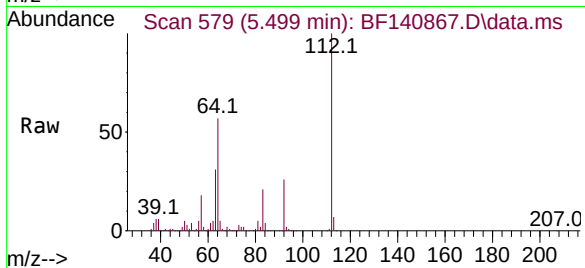




#5
2-Fluorophenol
Concen: 96.300 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

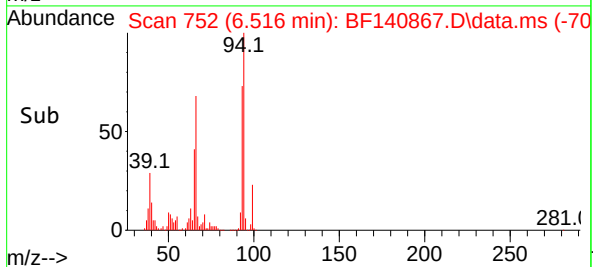
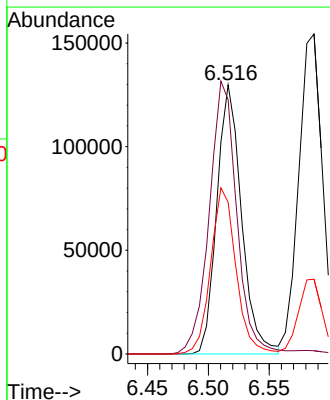
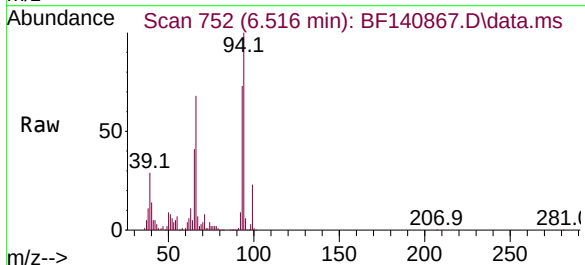
Instrument :
BNA_F
ClientSampleId :
PB165479BS

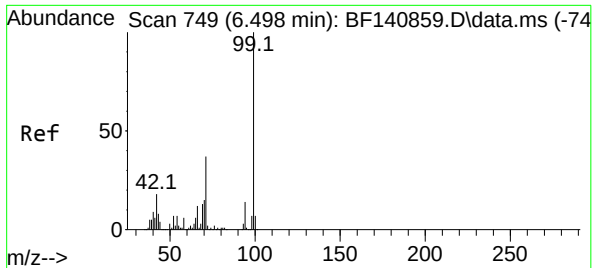
Tgt Ion:112 Resp: 398277
Ion Ratio Lower Upper
112 100
64 57.1 46.1 69.1
63 31.4 24.9 37.3



#6
Aniline
Concen: 39.073 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 93 Resp: 183007
Ion Ratio Lower Upper
93 100
66 94.4 67.0 100.4
65 56.4 40.4 60.6

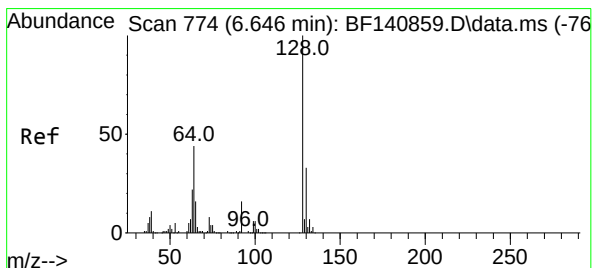
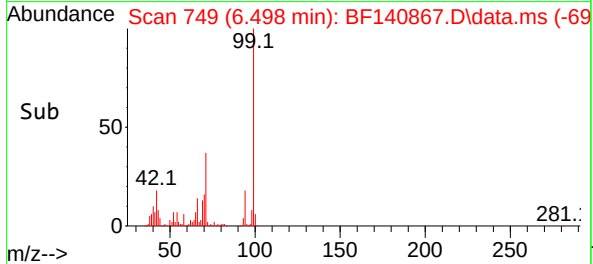
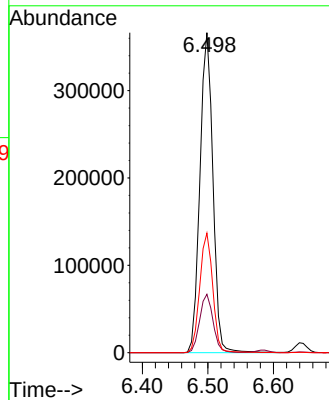
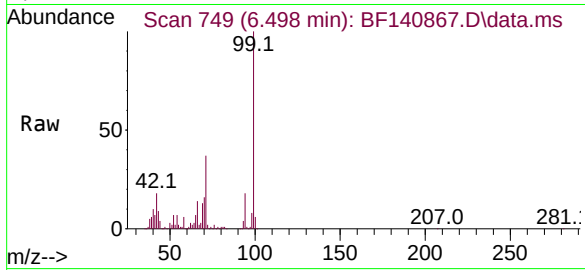




#7
Phenol-d6
Concen: 92.236 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

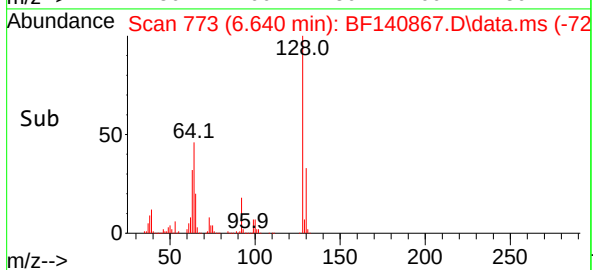
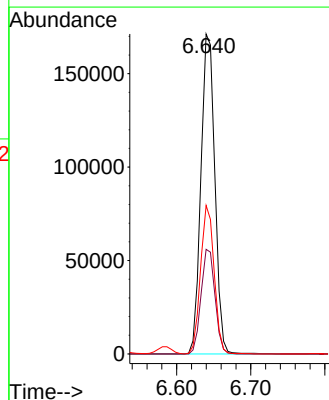
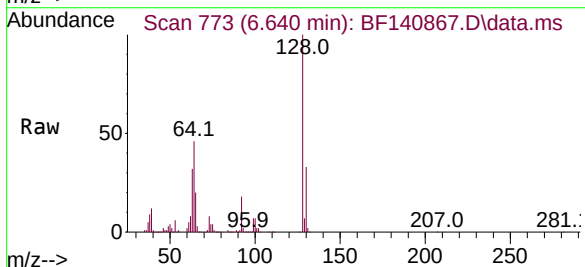
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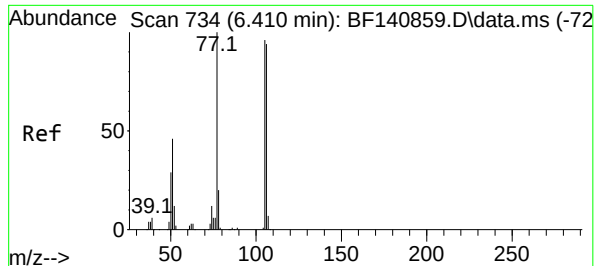
Tgt Ion: 99 Resp: 505259
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 37.4 29.9 44.9



#8
2-Chlorophenol
Concen: 49.612 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 128 Resp: 223754
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 46.4 24.3 64.3





#9

Benzaldehyde

Concen: 19.129 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

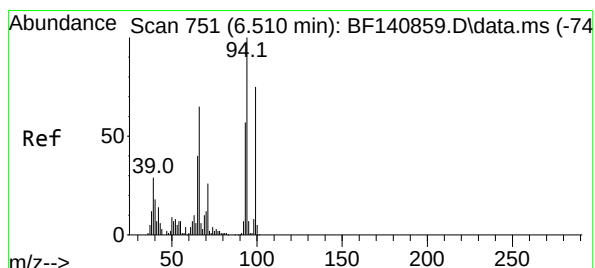
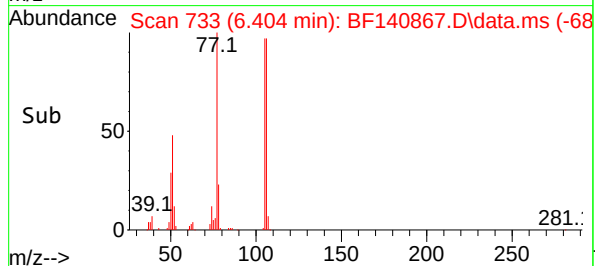
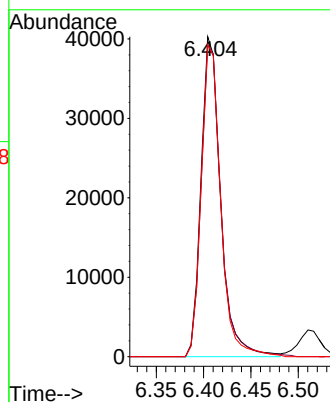
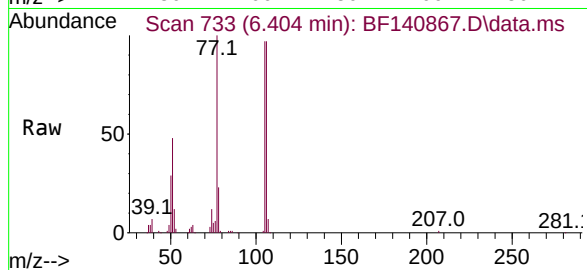
BNA_F

ClientSampleId :

PB165479BS

Tgt Ion: 77 Resp: 58061

Ion	Ratio	Lower	Upper
77	100		
105	97.5	75.8	115.8
106	97.5	74.1	114.1



#10

Phenol

Concen: 48.908 ng

RT: 6.510 min Scan# 751

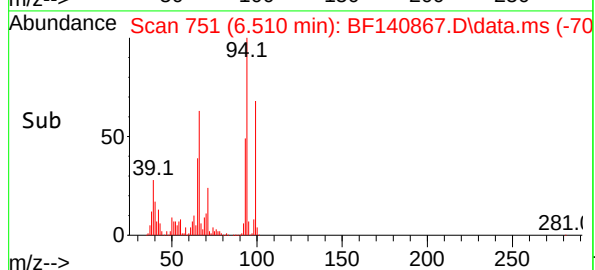
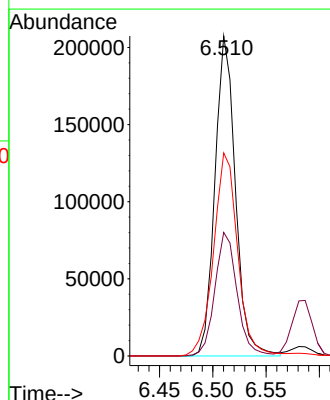
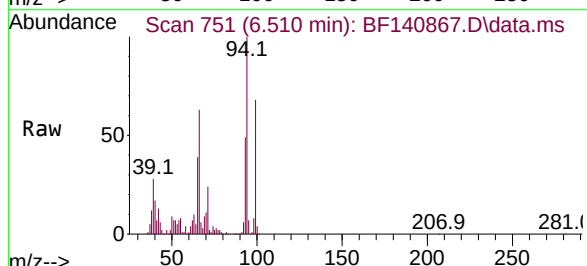
Delta R.T. 0.000 min

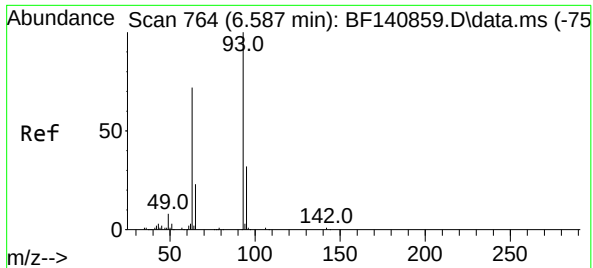
Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion: 94 Resp: 277673

Ion	Ratio	Lower	Upper
94	100		
65	38.6	19.9	59.9
66	63.4	45.6	85.6





#11

bis(2-Chloroethyl)ether

Concen: 49.416 ng

RT: 6.587 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

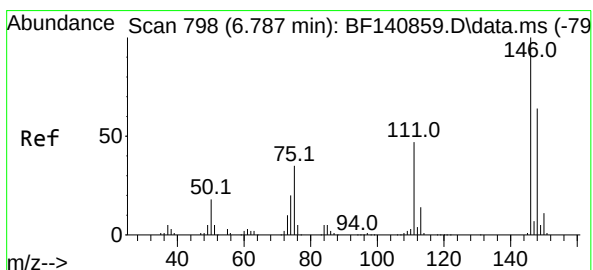
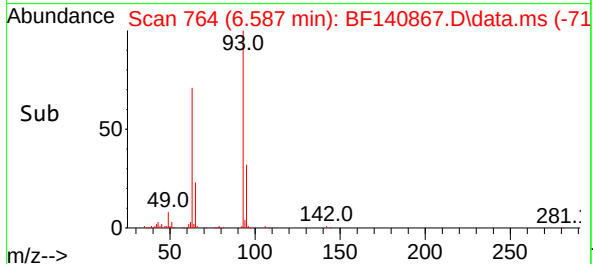
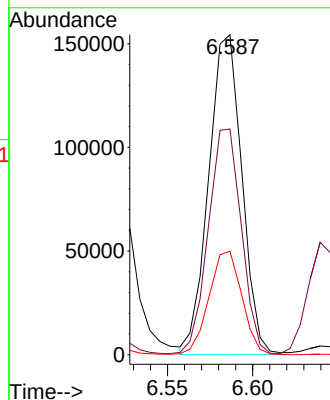
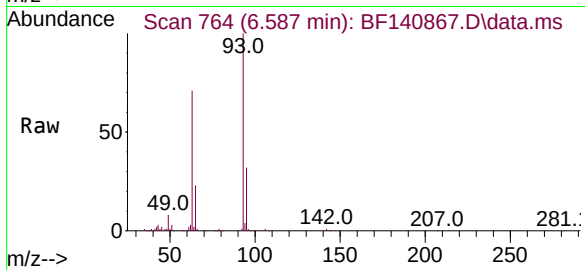
Tgt Ion: 93 Resp: 209228

Ion Ratio Lower Upper

93 100

63 70.5 51.0 91.0

95 32.3 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 46.627 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

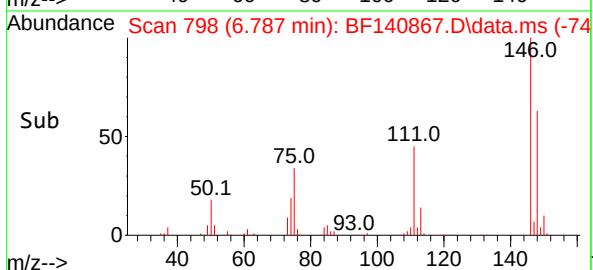
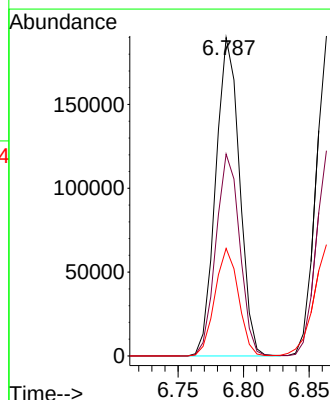
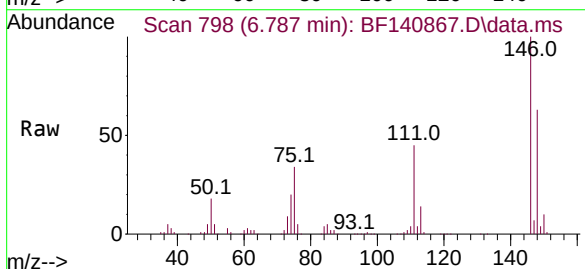
Tgt Ion: 146 Resp: 239625

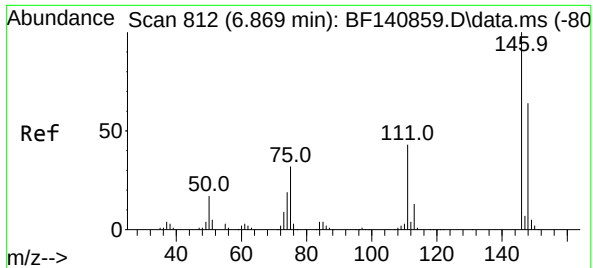
Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

75 33.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 46.385 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

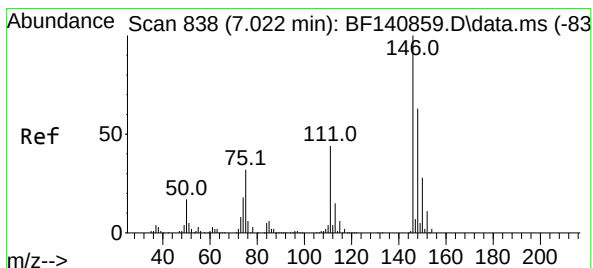
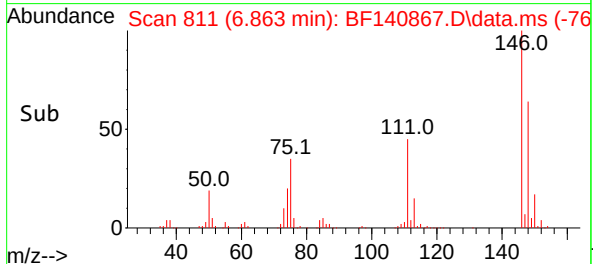
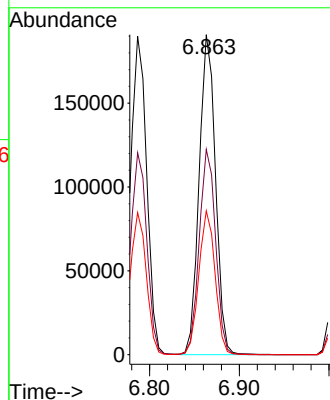
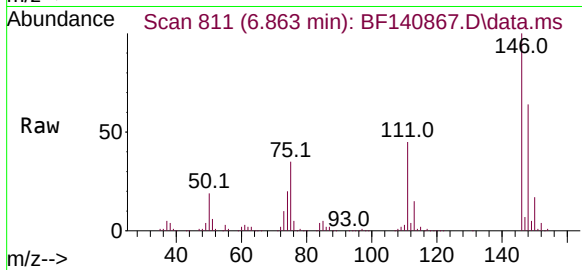
Tgt Ion:146 Resp: 241971

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 45.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 46.146 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

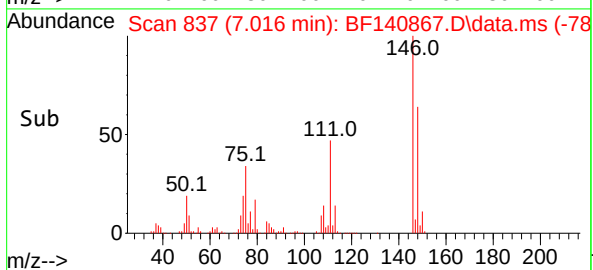
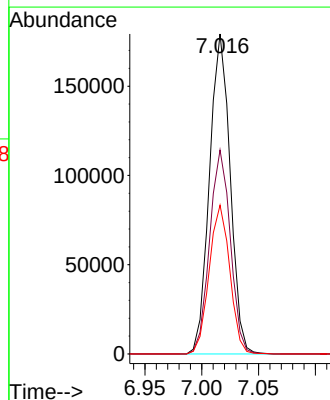
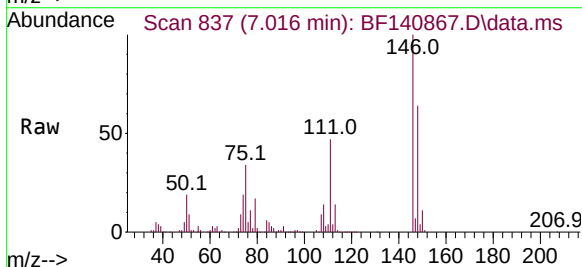
Tgt Ion:146 Resp: 227129

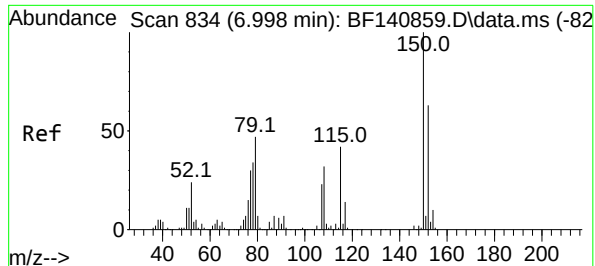
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 46.5 35.6 53.4





#15

Benzyl Alcohol

Concen: 52.329 ng

RT: 6.998 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

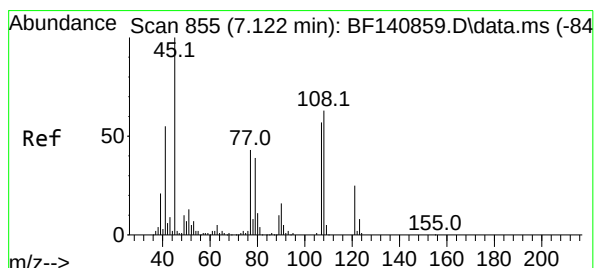
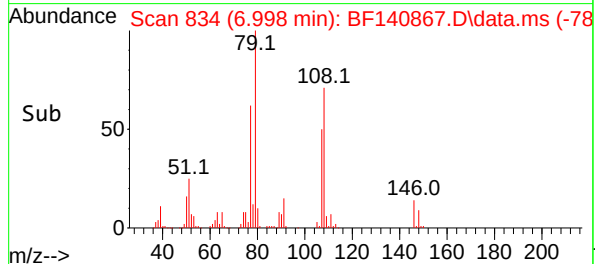
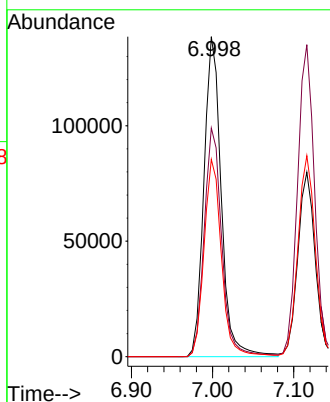
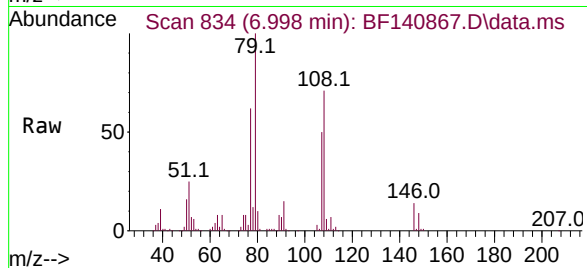
Tgt Ion: 79 Resp: 204958

Ion Ratio Lower Upper

79 100

108 71.4 55.1 82.7

77 61.7 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.367 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

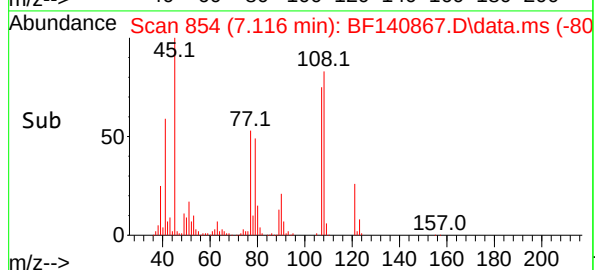
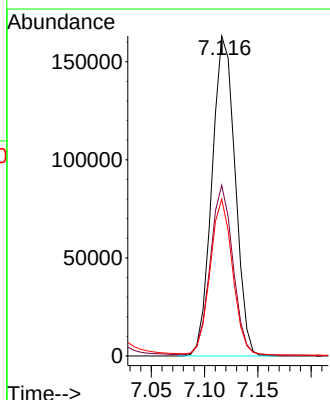
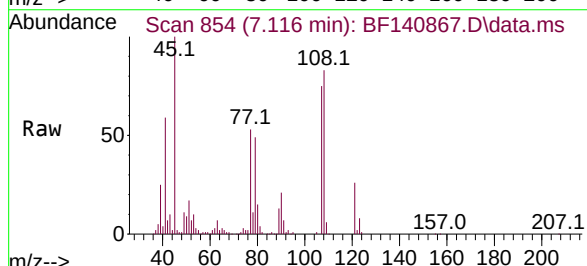
Tgt Ion: 45 Resp: 246230

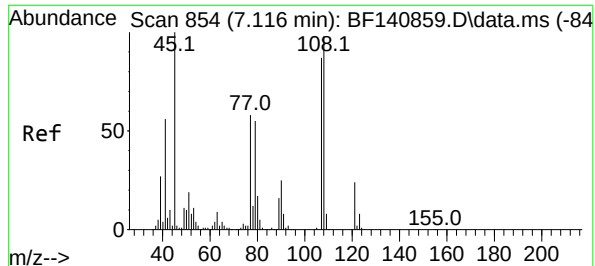
Ion Ratio Lower Upper

45 100

77 53.3 23.3 63.3

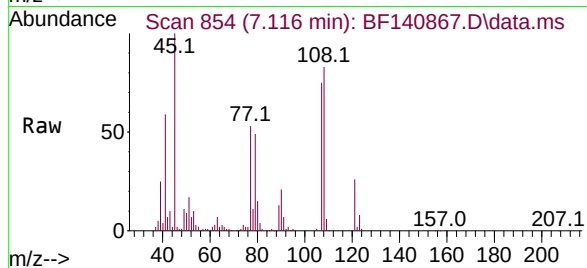
79 49.0 20.0 60.0



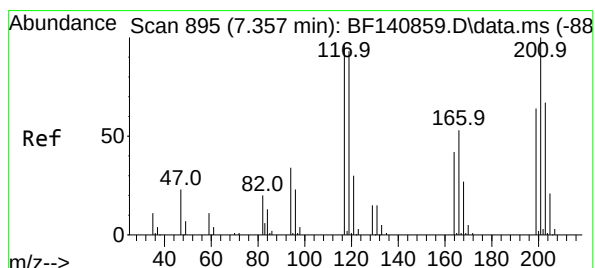
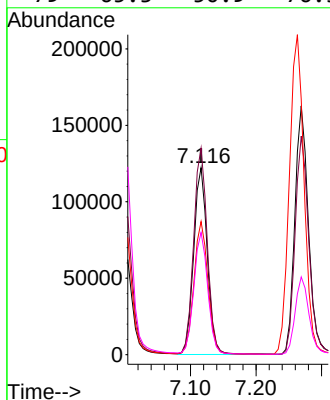
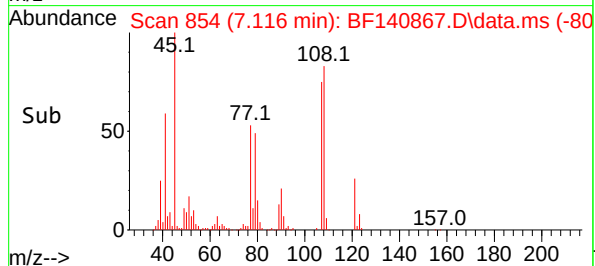


#17
2-Methylphenol
Concen: 49.167 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

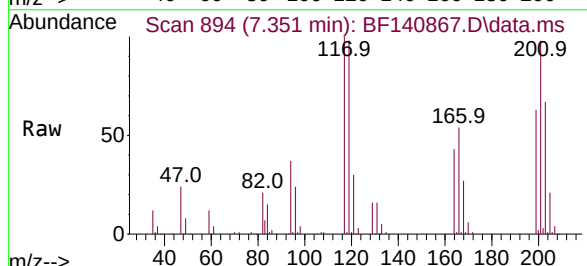
Instrument :
BNA_F
ClientSampleId :
PB165479BS



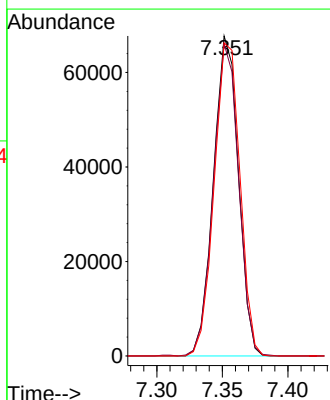
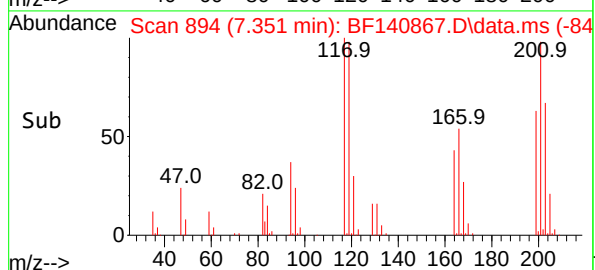
Tgt Ion:	107	Resp:	177038
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.2	135.4
77	71.1	53.8	80.6
79	65.3	50.9	76.3

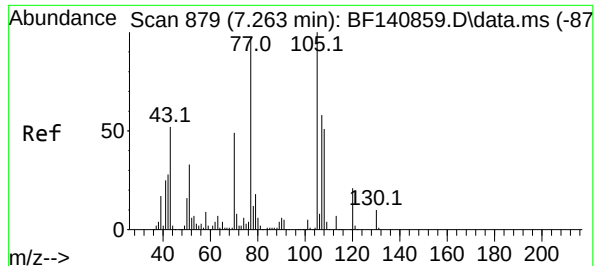


#18
Hexachloroethane
Concen: 46.175 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26



Tgt Ion:	117	Resp:	89672
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
201	97.9	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 49.326 ng

RT: 7.263 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

Tgt Ion: 70 Resp: 162081

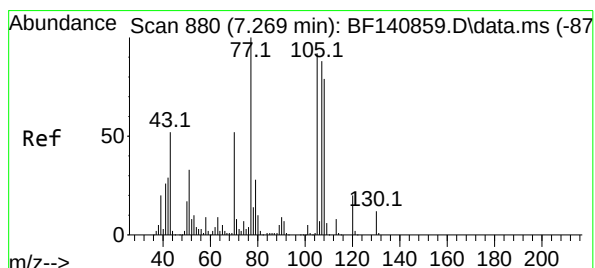
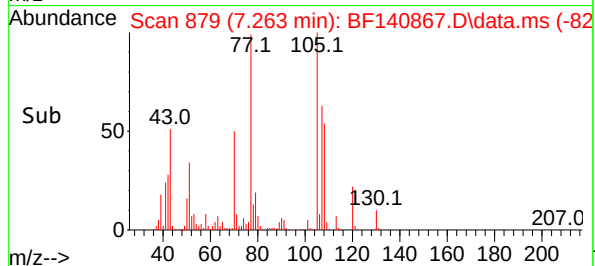
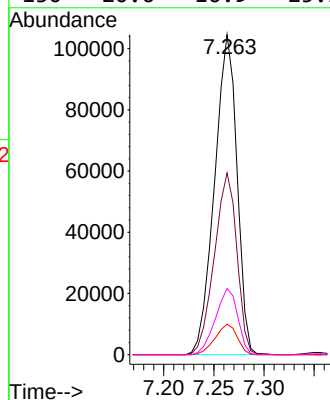
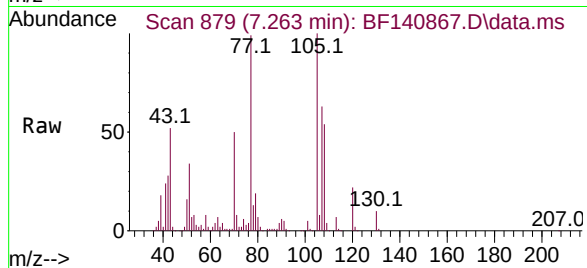
Ion Ratio Lower Upper

70 100

42 56.7 45.3 67.9

101 9.5 8.0 12.0

130 20.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 49.220 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion: 107 Resp: 235014

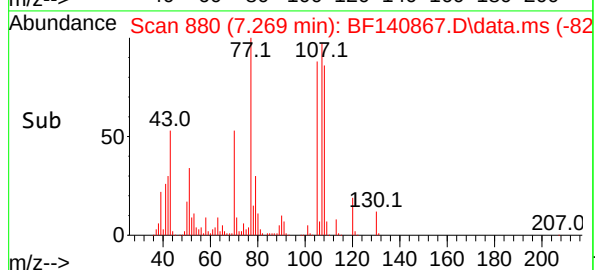
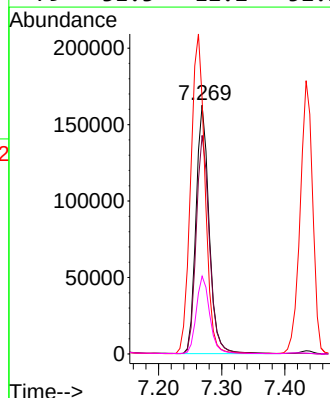
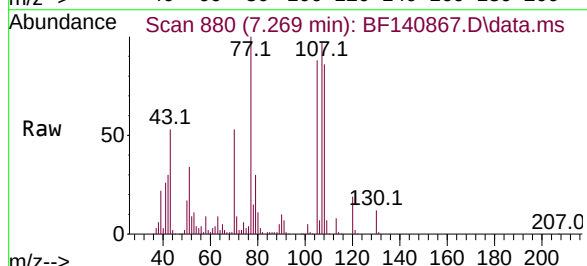
Ion Ratio Lower Upper

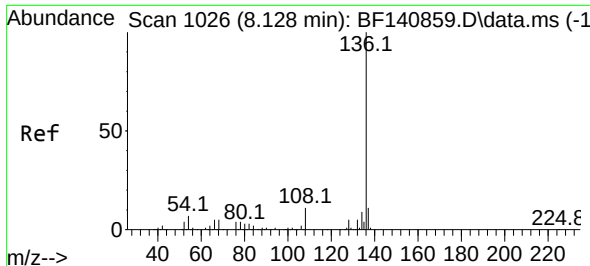
107 100

108 87.8 70.1 110.1

77 102.6 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: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

Tgt Ion:136 Resp: 254612

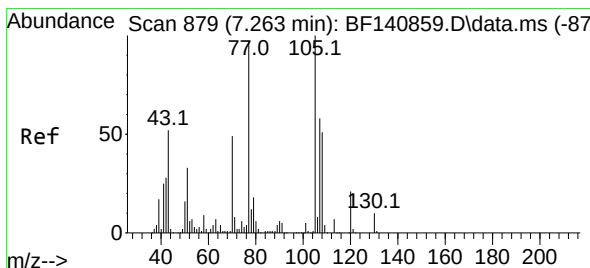
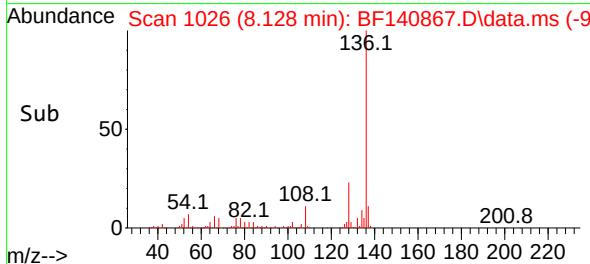
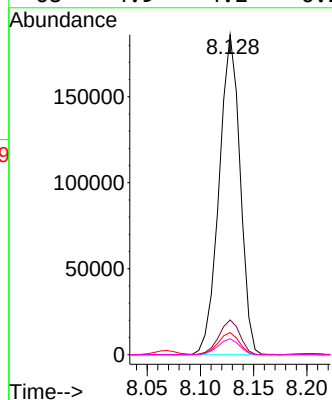
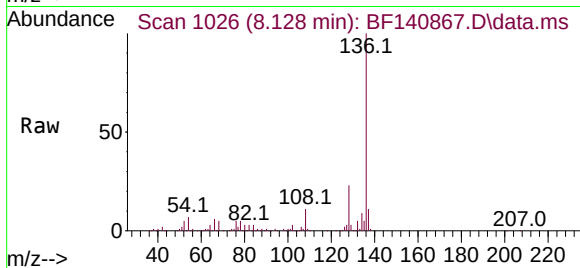
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.9 5.6 8.4

68 4.9 4.2 6.2



#22

Acetophenone

Concen: 49.327 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion:105 Resp: 314177

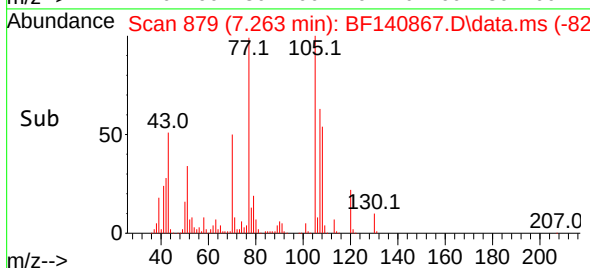
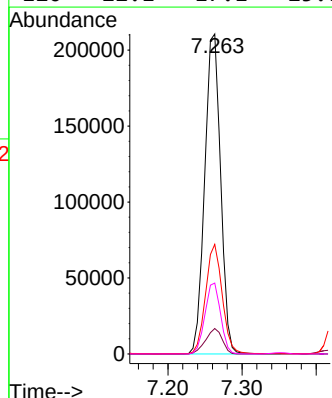
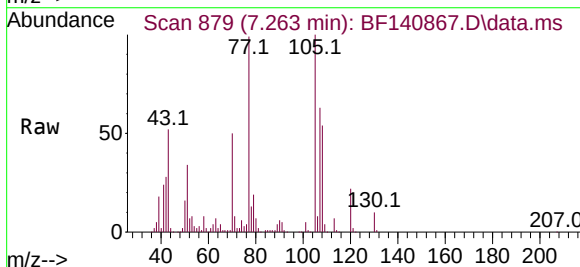
Ion Ratio Lower Upper

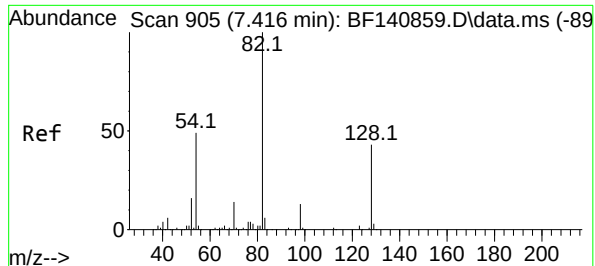
105 100

71 7.9 6.2 9.4

51 34.2 26.3 39.5

120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 96.866 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

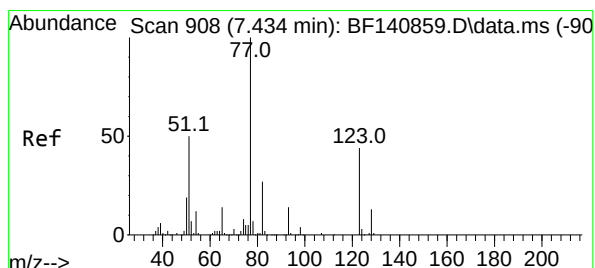
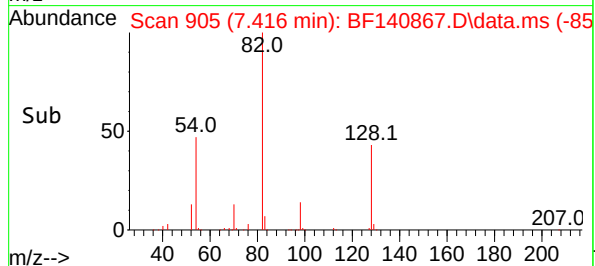
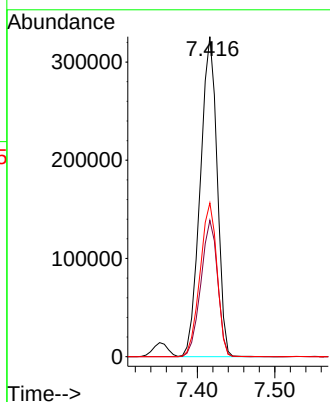
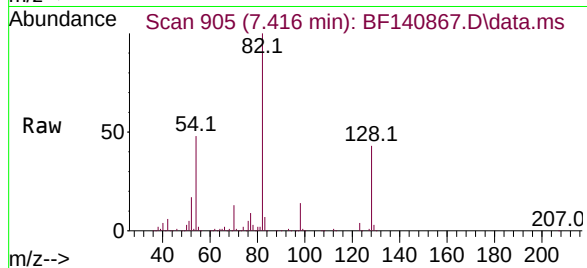
Tgt Ion: 82 Resp: 492959

Ion Ratio Lower Upper

82 100

128 42.6 34.4 51.6

54 48.0 38.8 58.2



#24

Nitrobenzene

Concen: 46.994 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

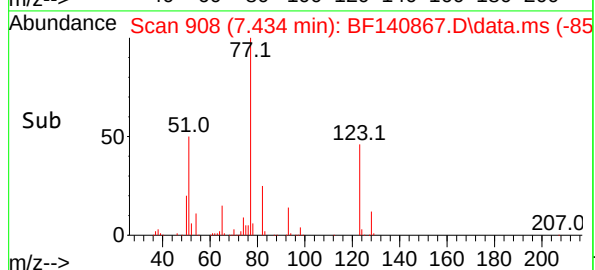
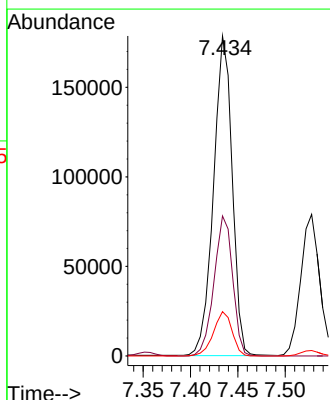
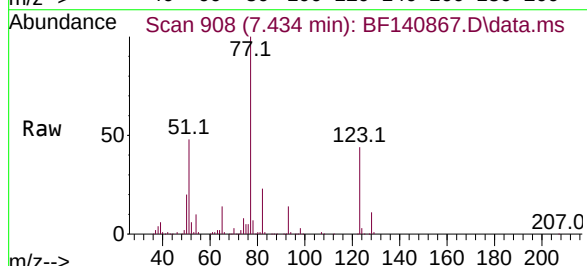
Tgt Ion: 77 Resp: 245009

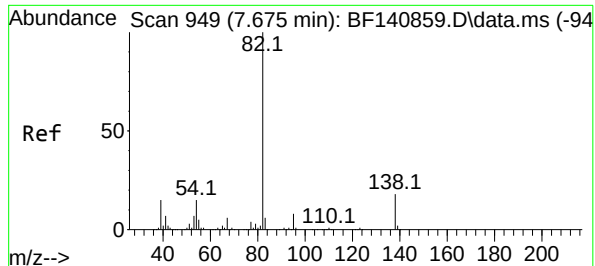
Ion Ratio Lower Upper

77 100

123 43.7 35.0 52.4

65 13.9 11.4 17.0





#25

Isophorone

Concen: 50.474 ng

RT: 7.675 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

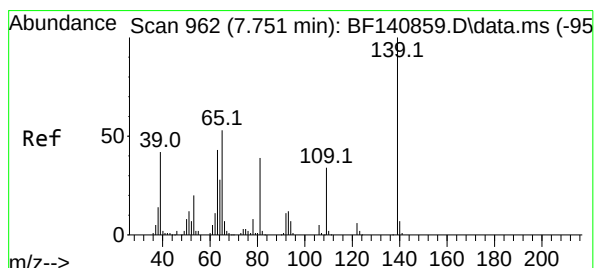
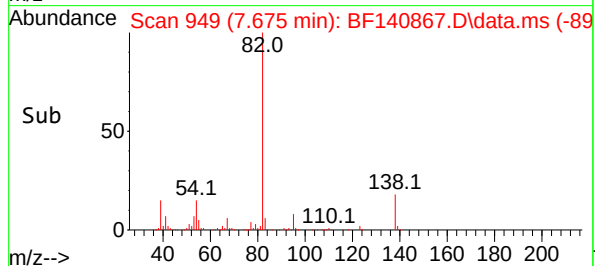
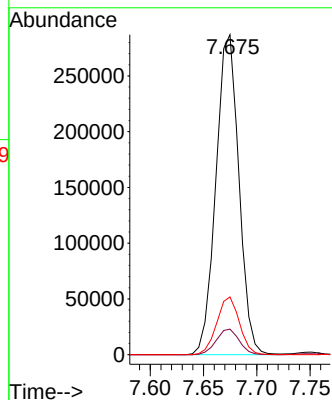
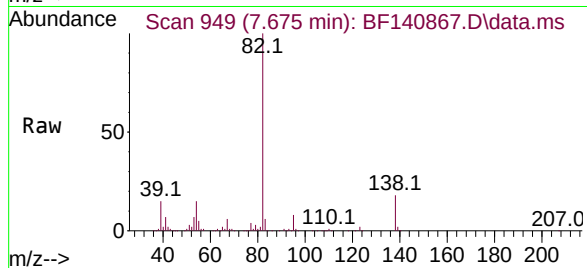
Tgt Ion: 82 Resp: 430396

Ion Ratio Lower Upper

82 100

95 8.0 6.3 9.5

138 18.0 14.1 21.1



#26

2-Nitrophenol

Concen: 49.271 ng

RT: 7.751 min Scan# 962

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

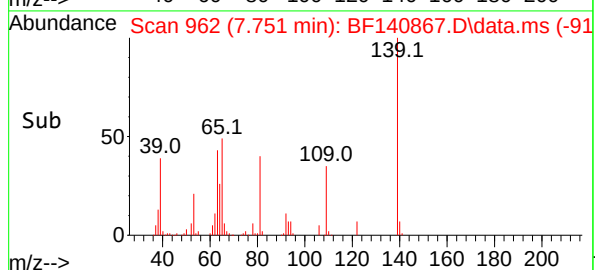
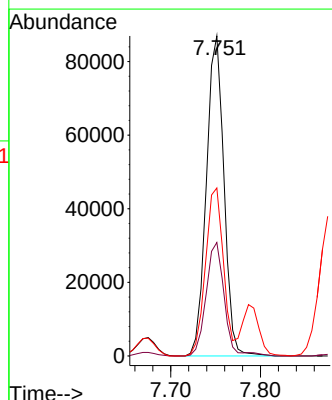
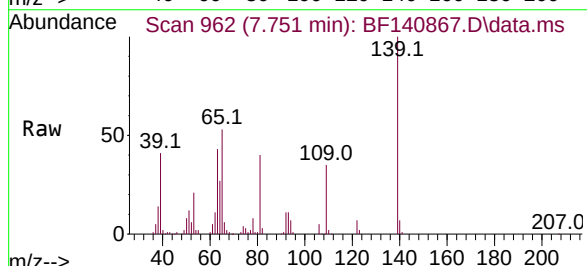
Tgt Ion:139 Resp: 118309

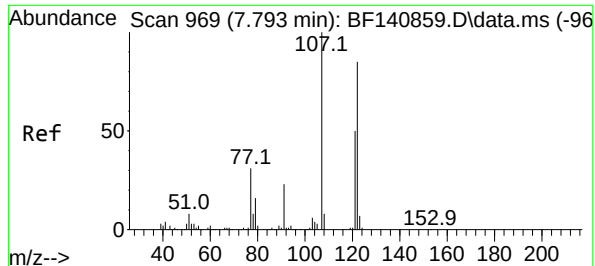
Ion Ratio Lower Upper

139 100

109 35.4 26.9 40.3

65 52.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 59.532 ng

RT: 7.787 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

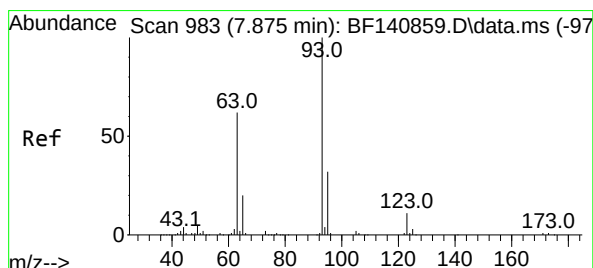
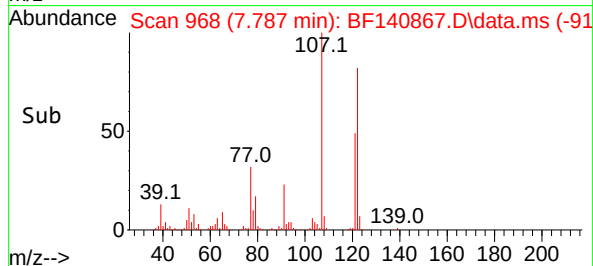
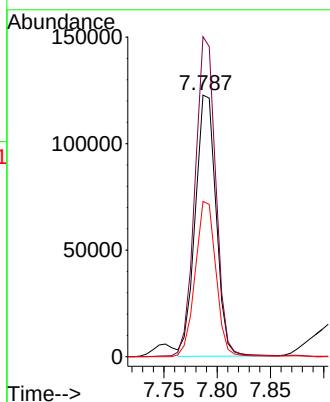
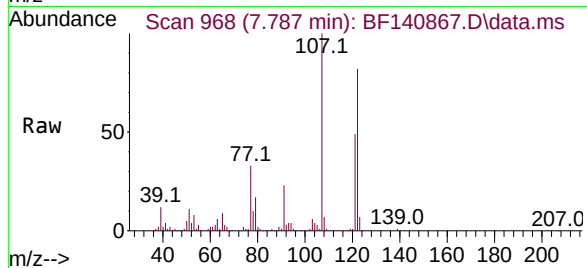
Tgt Ion:122 Resp: 166942

Ion Ratio Lower Upper

122 100

107 122.3 92.6 139.0

121 59.3 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.747 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

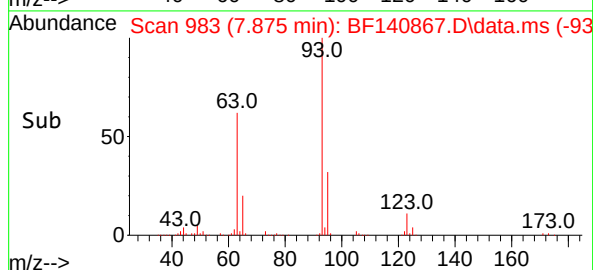
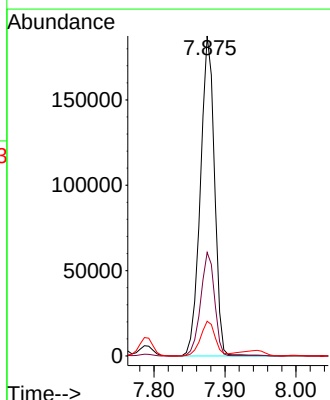
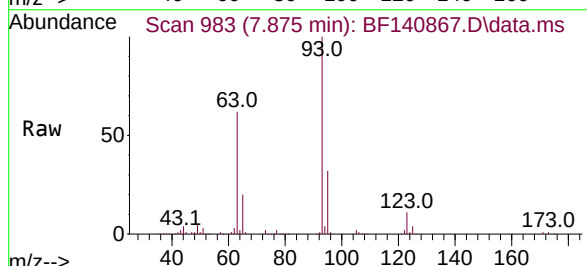
Tgt Ion: 93 Resp: 259615

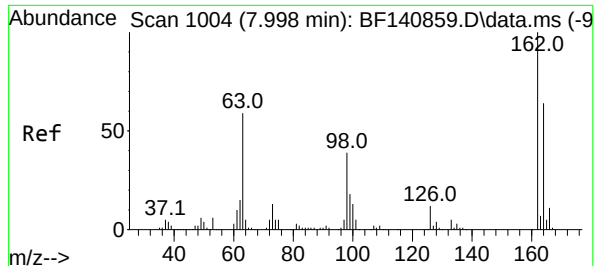
Ion Ratio Lower Upper

93 100

95 32.4 25.3 37.9

123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 48.872 ng

RT: 7.998 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

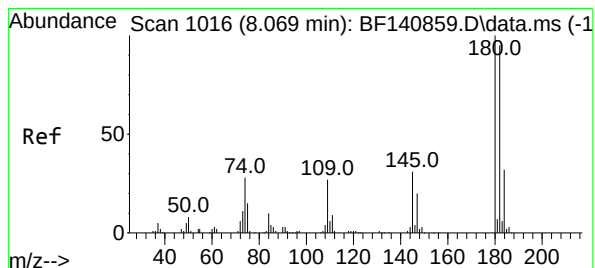
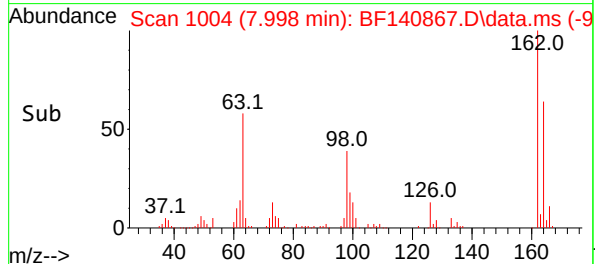
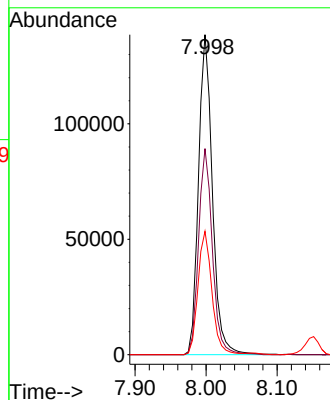
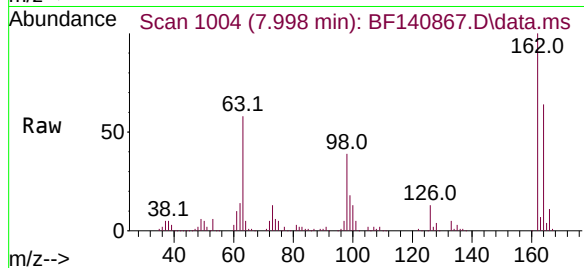
Tgt Ion:162 Resp: 189211

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 38.5 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 45.451 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

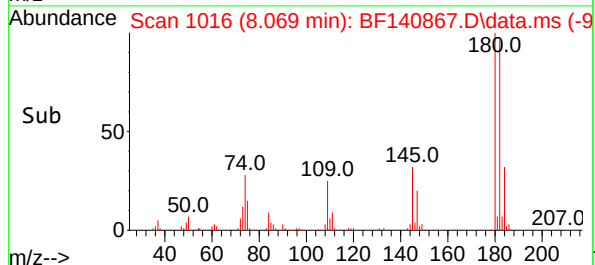
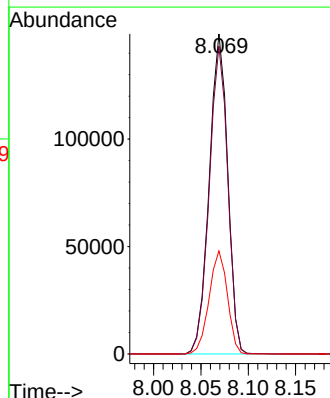
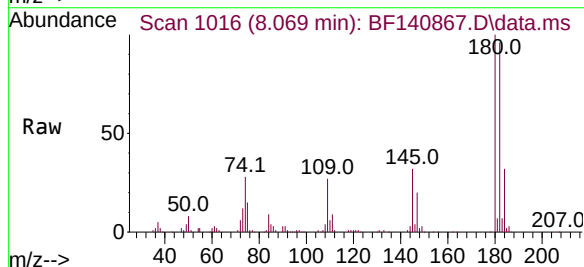
Tgt Ion:180 Resp: 201718

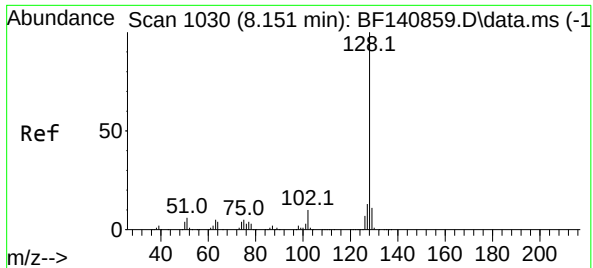
Ion Ratio Lower Upper

180 100

182 96.2 75.8 113.6

145 32.2 25.2 37.8





#31

Naphthalene

Concen: 47.086 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

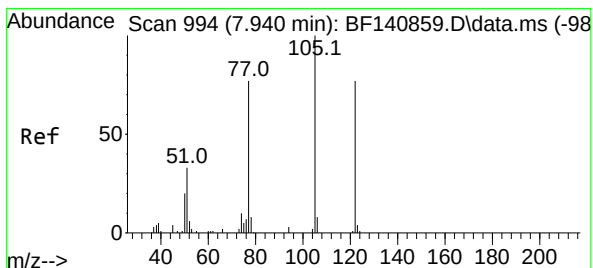
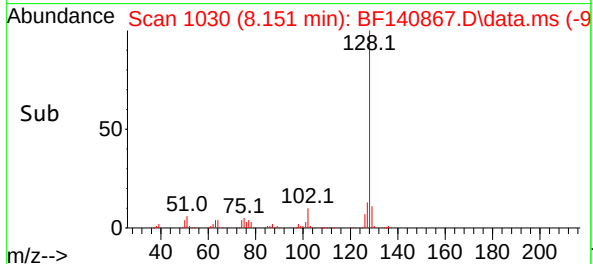
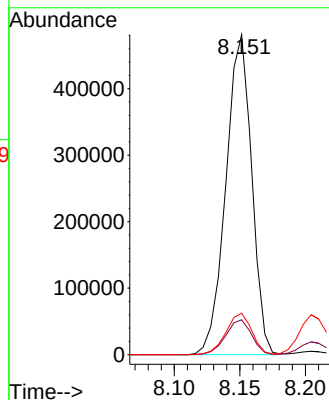
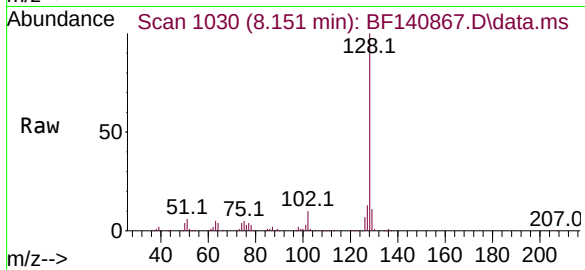
BNA_F

ClientSampleId :

PB165479BS

Tgt Ion:128 Resp: 658553

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.6	16.0



#32

Benzoic acid

Concen: 43.825 ng

RT: 7.945 min Scan# 995

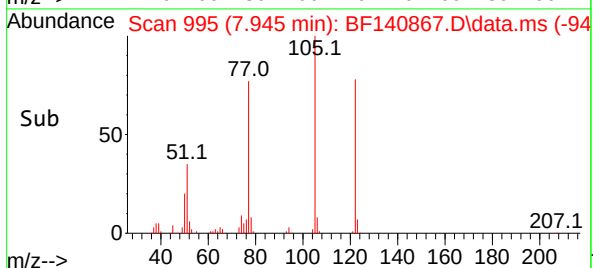
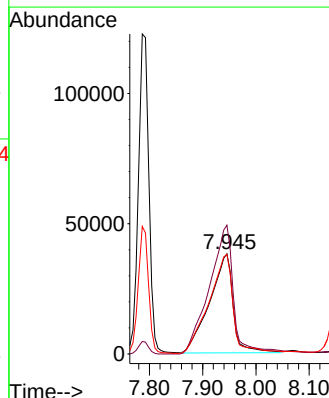
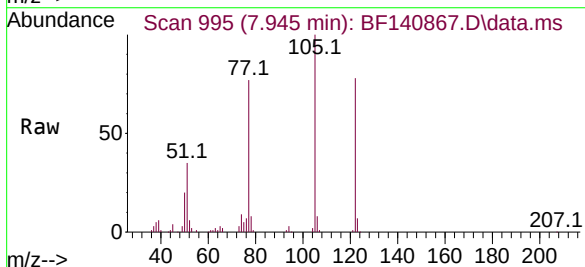
Delta R.T. 0.005 min

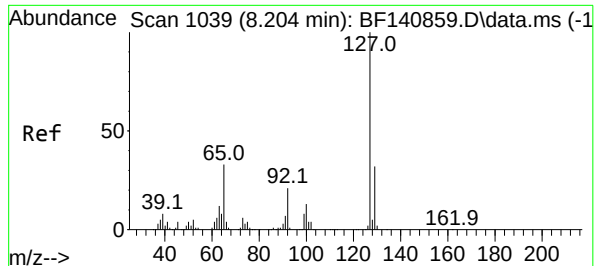
Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion:122 Resp: 116554

Ion	Ratio	Lower	Upper
122	100		
105	128.6	108.3	148.3
77	99.4	78.8	118.8





#33

4-Chloroaniline

Concen: 22.063 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

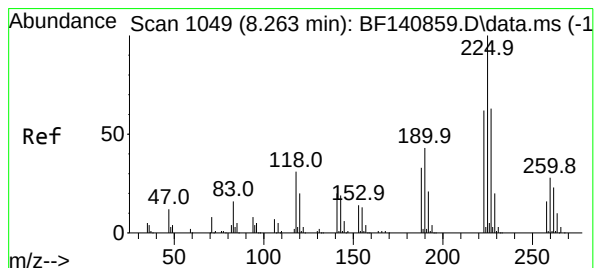
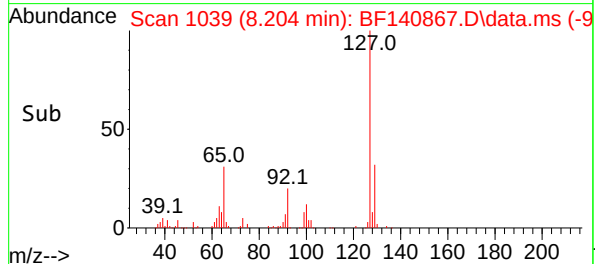
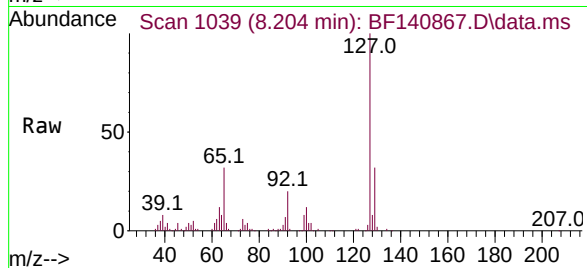
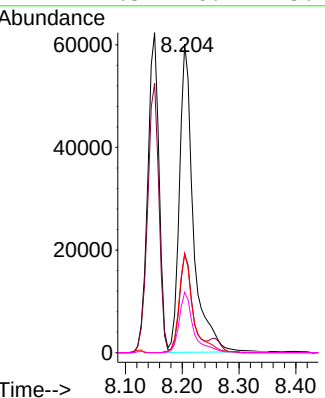
BNA_F

ClientSampleId :

PB165479BS

Tgt Ion:127 Resp: 102486

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	32.1	26.0	39.0
92	19.5	16.7	25.1



#34

Hexachlorobutadiene

Concen: 46.439 ng

RT: 8.257 min Scan# 1048

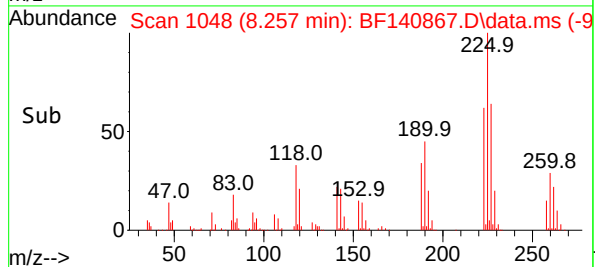
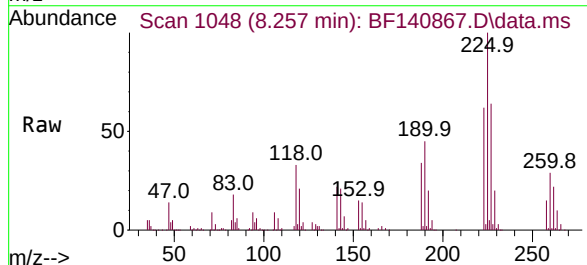
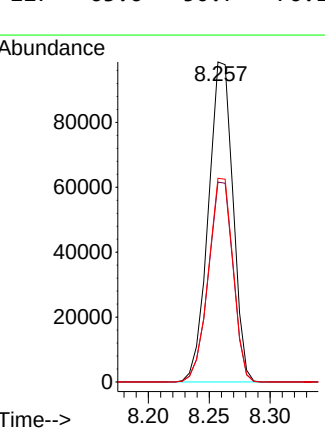
Delta R.T. -0.006 min

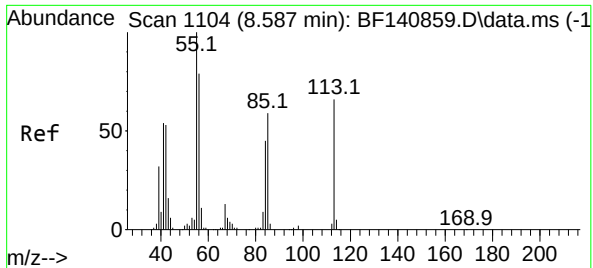
Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion:225 Resp: 138666

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.6	74.4
227	63.6	50.7	76.1





#35

Caprolactam

Concen: 48.055 ng m

RT: 8.587 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

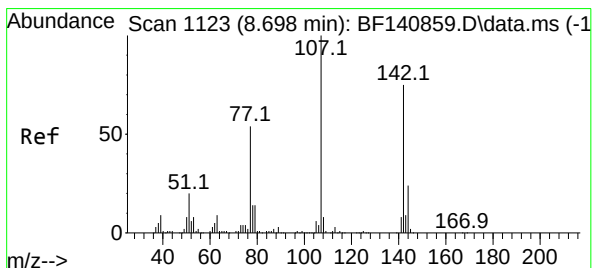
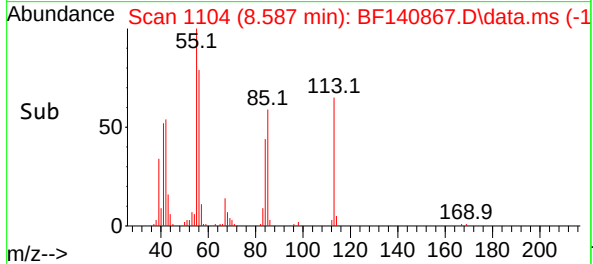
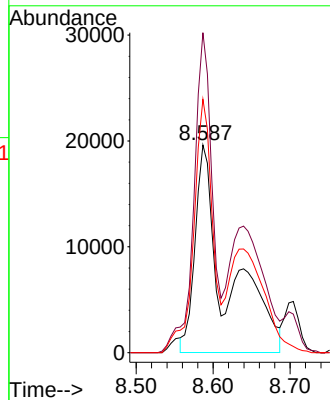
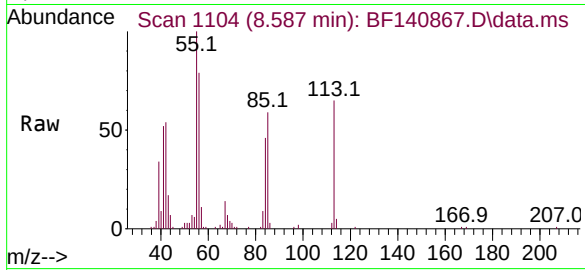
Tgt Ion:113 Resp: 55387

Ion Ratio Lower Upper

113 100

55 154.1 132.3 172.3

56 122.1 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 47.685 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

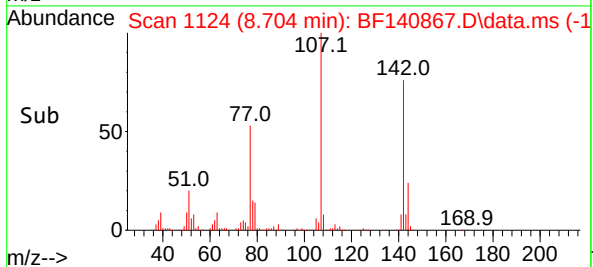
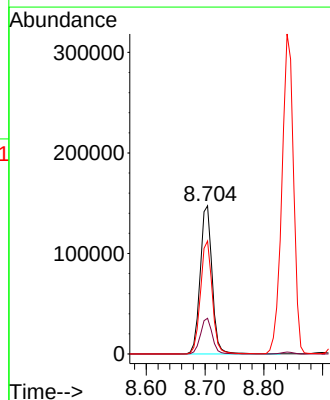
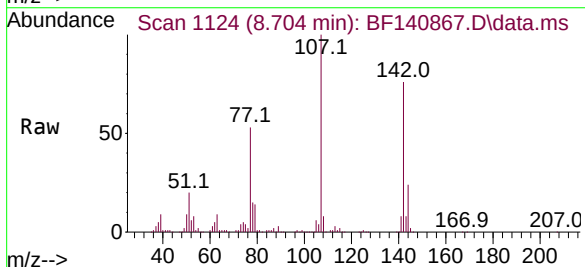
Tgt Ion:107 Resp: 207785

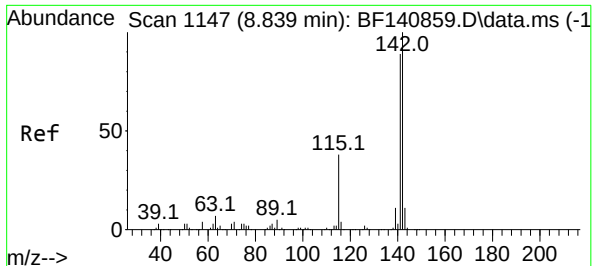
Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.2

142 76.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 47.219 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

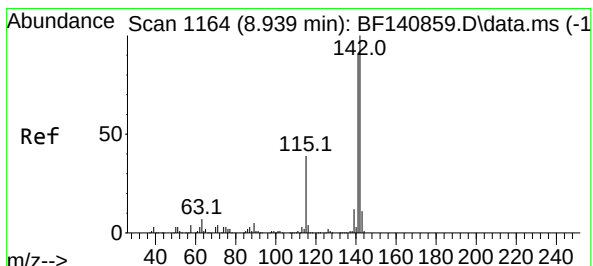
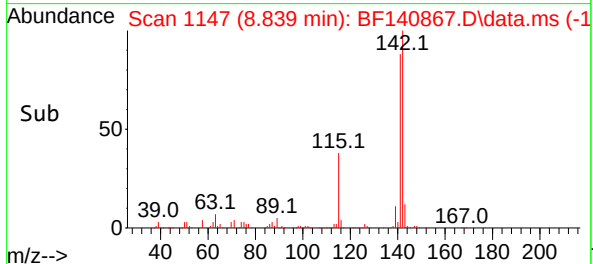
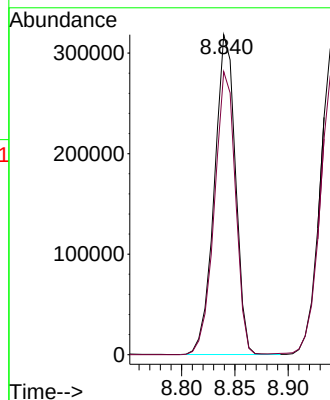
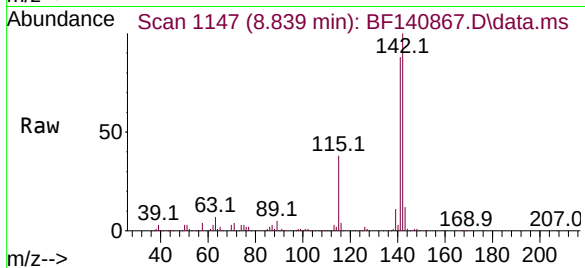
PB165479BS

Tgt Ion:142 Resp: 436861

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.441 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140867.D

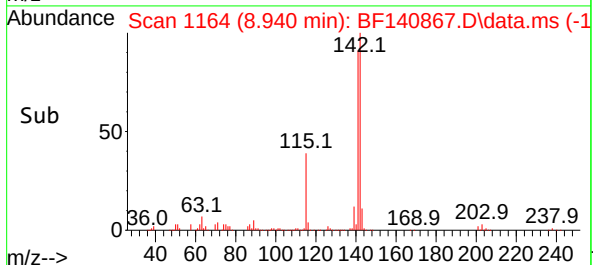
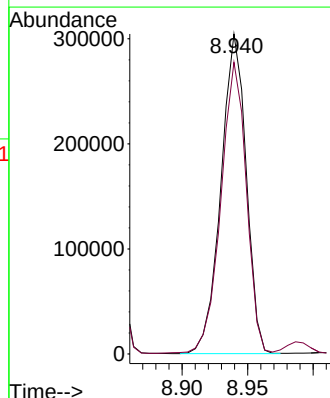
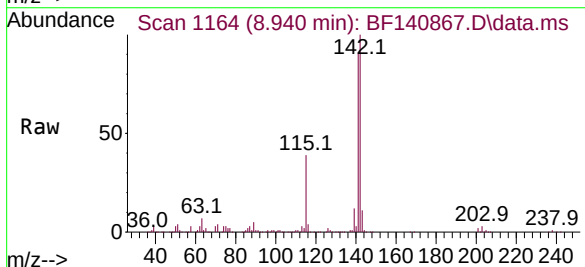
Acq: 16 Dec 2024 18:26

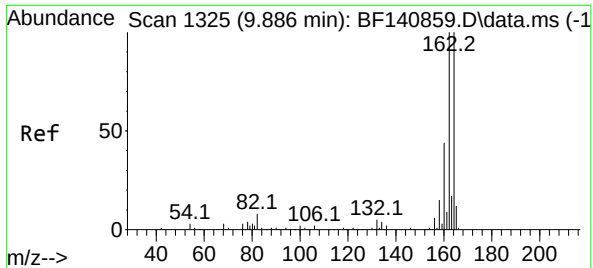
Tgt Ion:142 Resp: 406632

Ion Ratio Lower Upper

142 100

141 91.2 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: BF140867.D

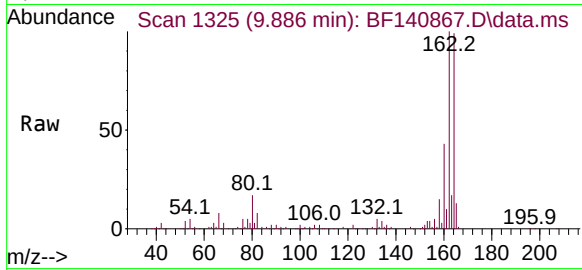
Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS



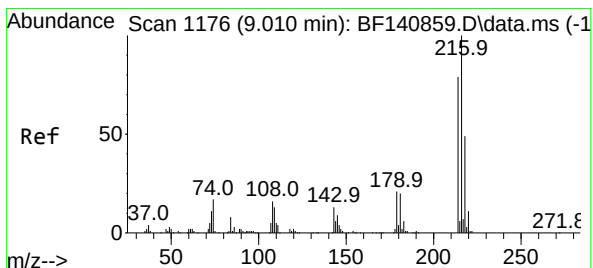
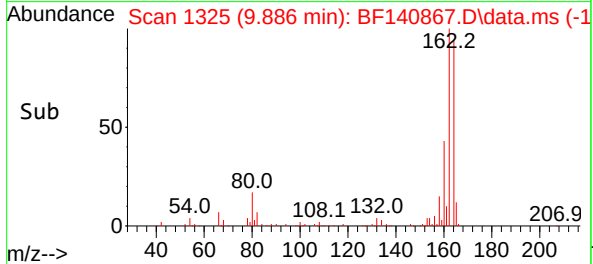
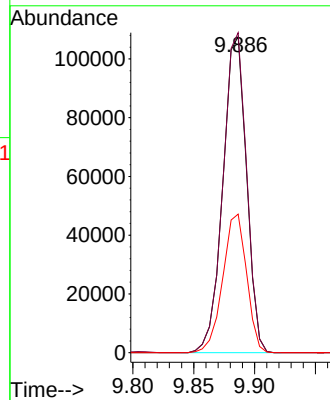
Tgt Ion:164 Resp: 145533

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

160 43.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.934 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion:216 Resp: 218888

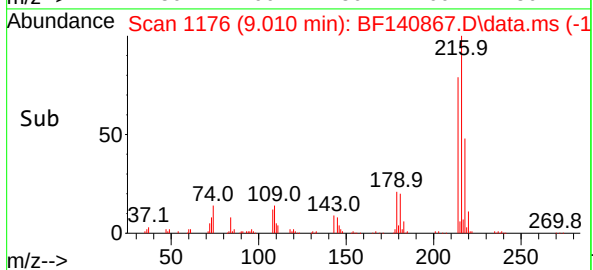
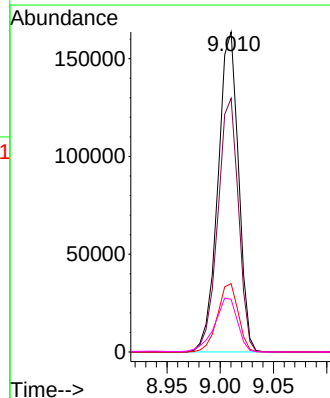
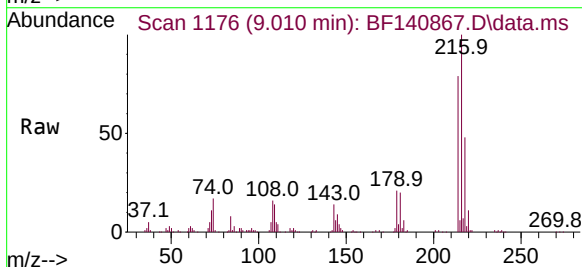
Ion Ratio Lower Upper

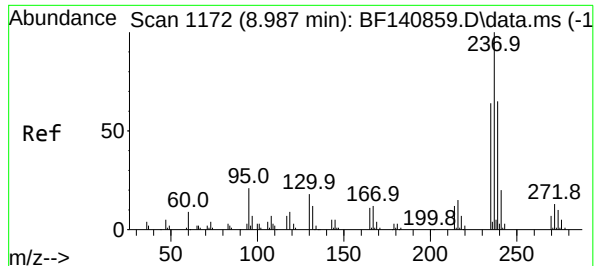
216 100

214 79.6 63.6 95.4

179 21.5 17.0 25.4

108 18.9 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 76.612 ng

RT: 8.987 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

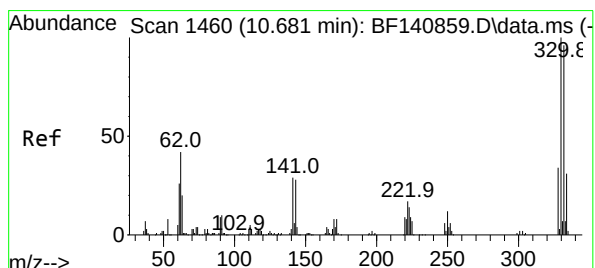
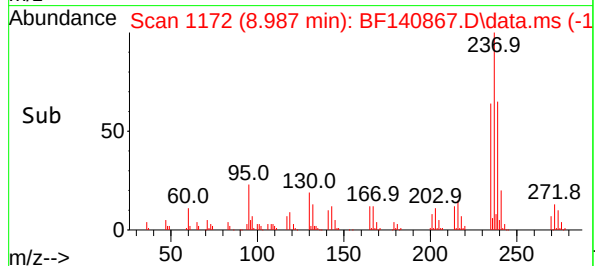
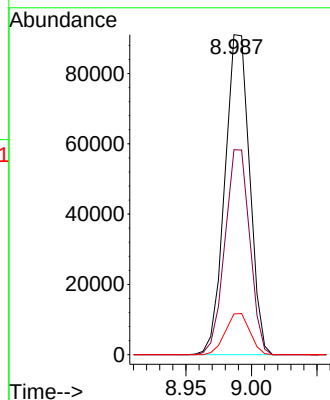
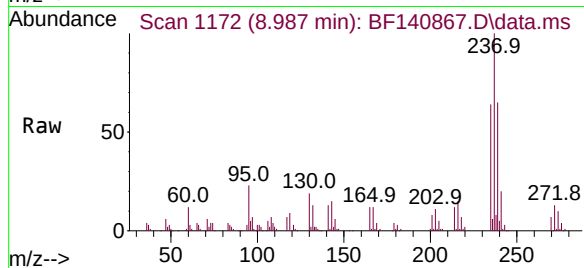
Tgt Ion:237 Resp: 119635

Ion Ratio Lower Upper

237 100

235 64.0 43.7 83.7

272 12.7 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 94.203 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

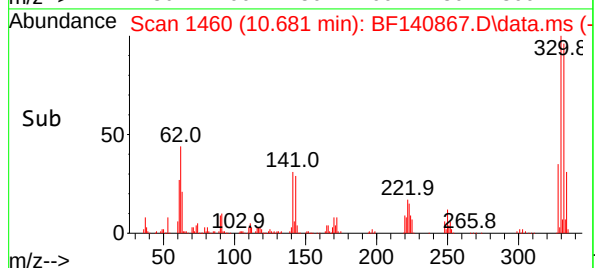
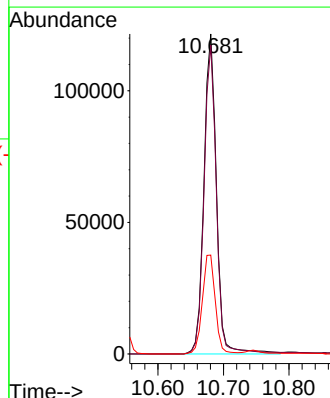
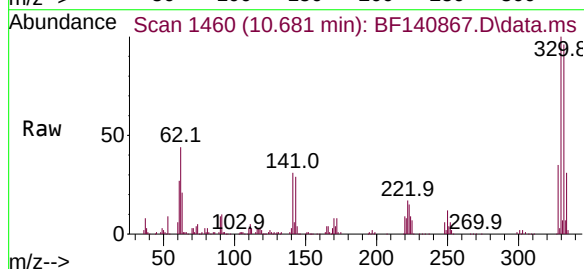
Tgt Ion:330 Resp: 162146

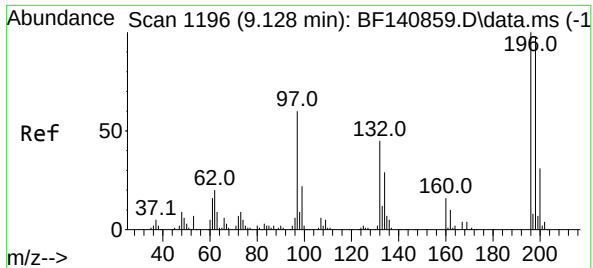
Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 31.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 47.754 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

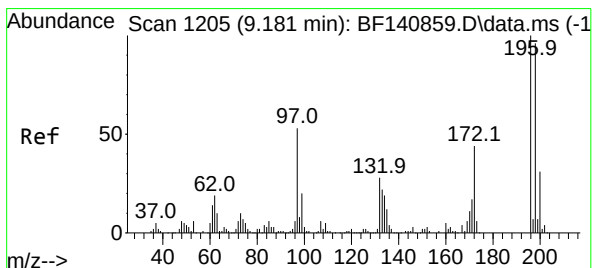
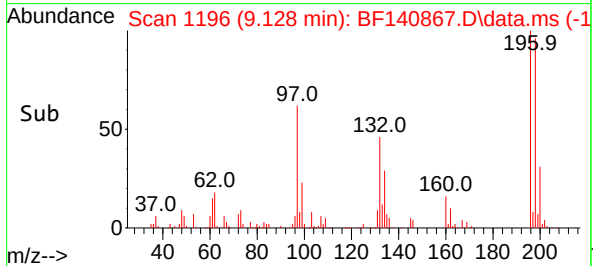
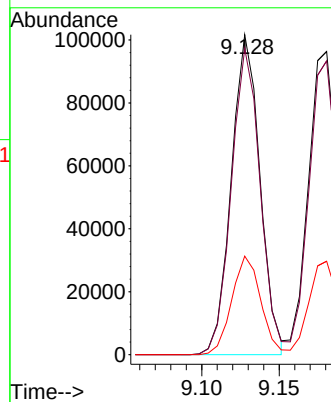
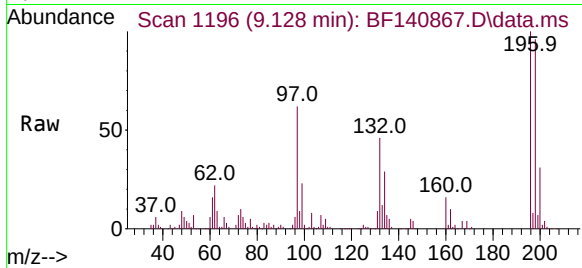
Tgt Ion:196 Resp: 130798

Ion Ratio Lower Upper

196 100

198 95.7 77.4 116.0

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 46.266 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Tgt Ion:196 Resp: 139286

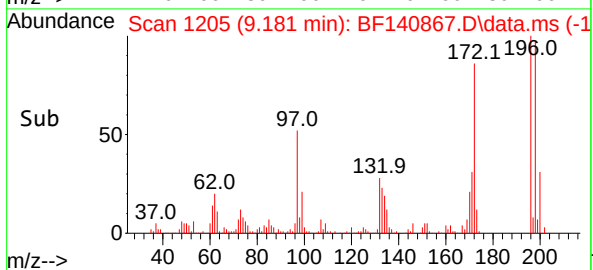
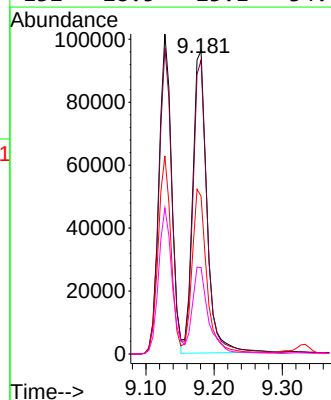
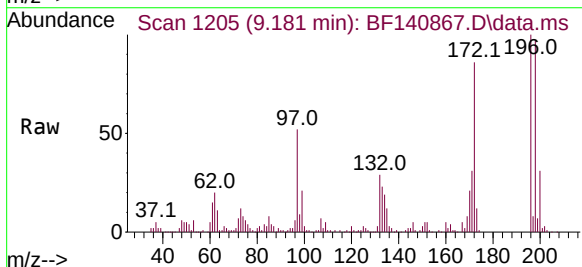
Ion Ratio Lower Upper

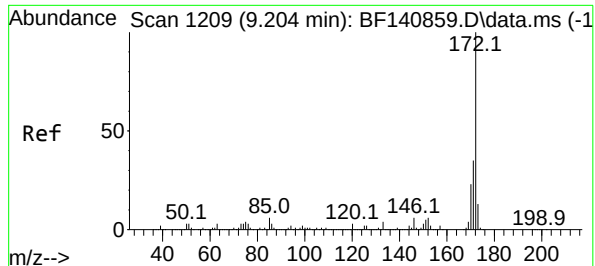
196 100

198 96.9 77.2 115.8

97 52.1 42.2 63.4

132 28.5 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 94.195 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

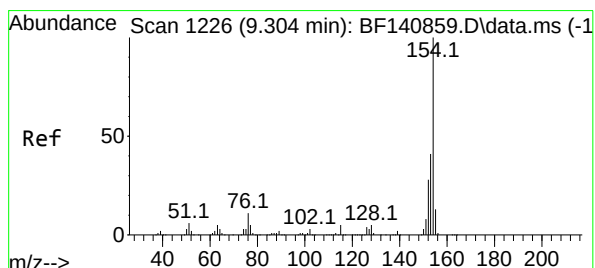
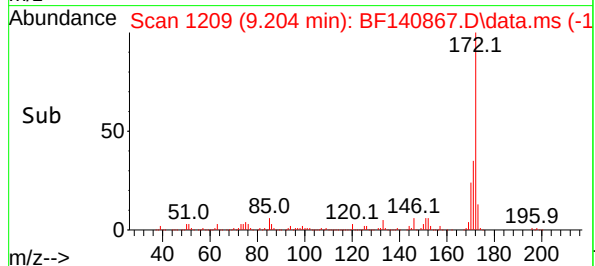
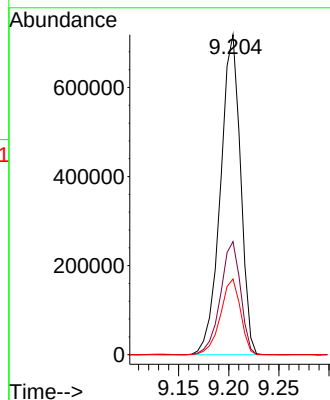
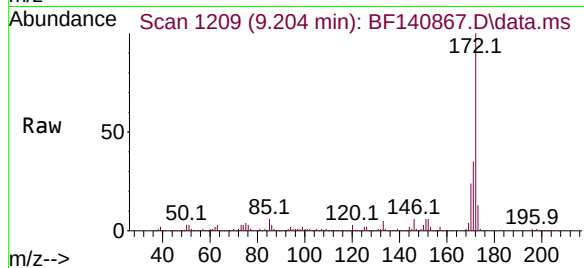
Tgt Ion:172 Resp: 997094

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 47.280 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

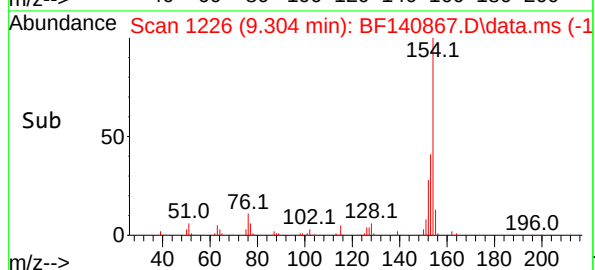
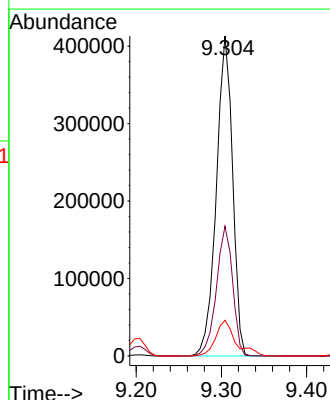
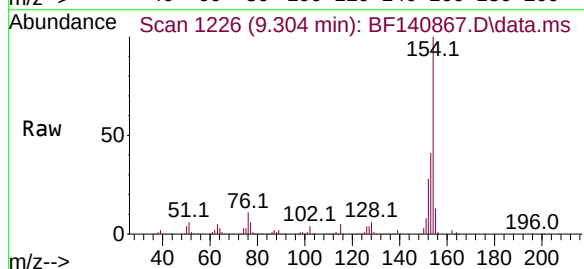
Tgt Ion:154 Resp: 547151

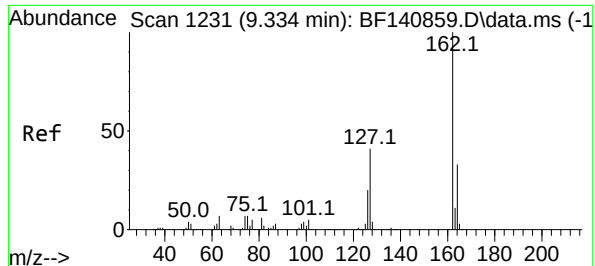
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 46.403 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

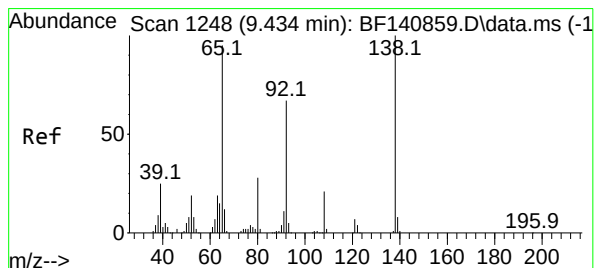
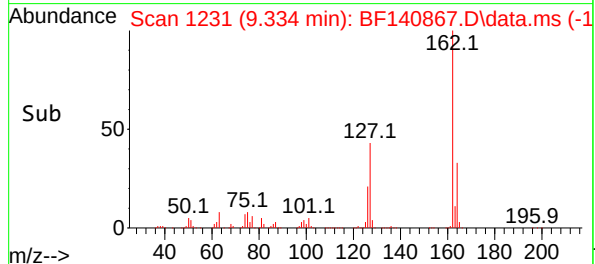
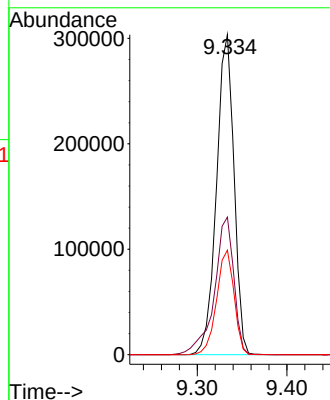
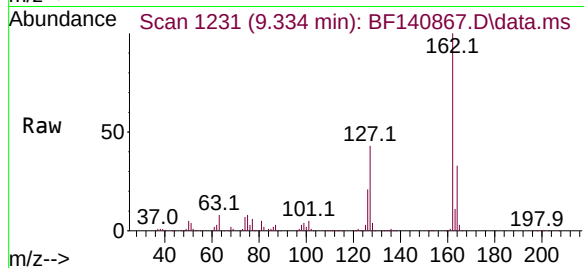
Tgt Ion:162 Resp: 410810

Ion Ratio Lower Upper

162 100

127 43.0 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 48.620 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

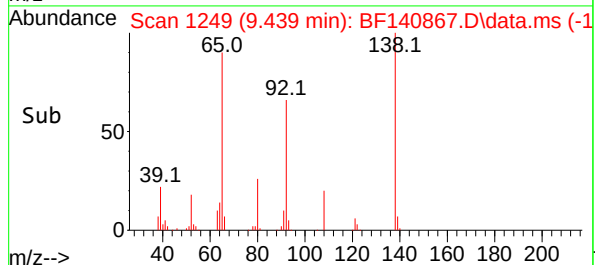
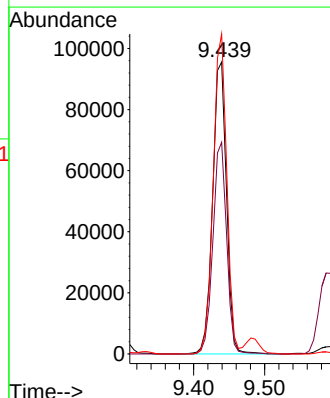
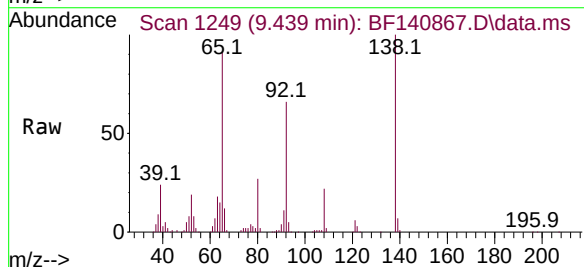
Tgt Ion: 65 Resp: 129999

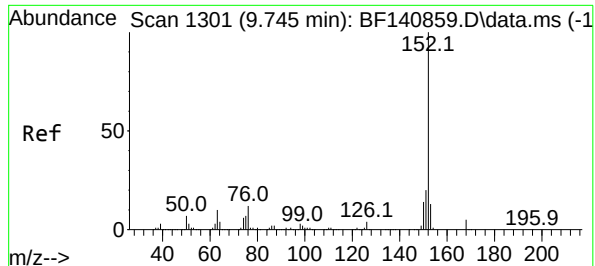
Ion Ratio Lower Upper

65 100

92 72.5 56.3 84.5

138 109.6 83.8 125.6





#49

Acenaphthylene

Concen: 51.466 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

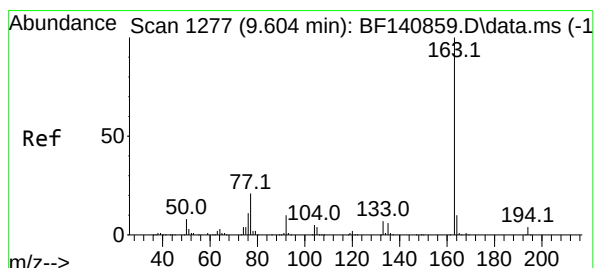
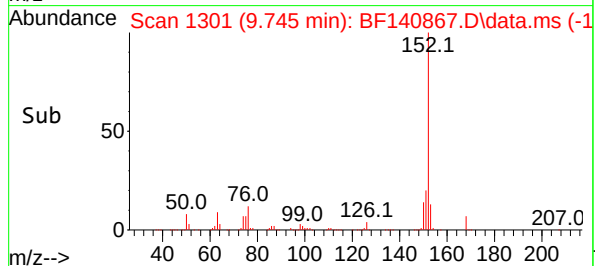
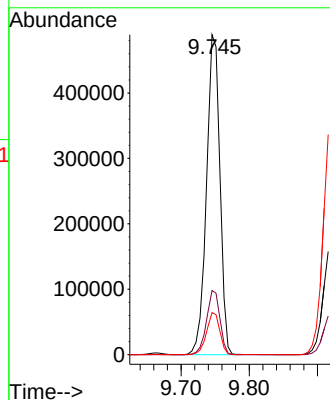
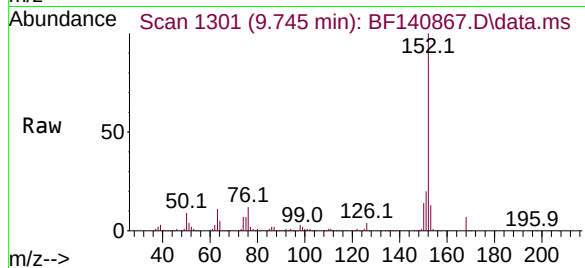
Tgt Ion:152 Resp: 669595

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 49.957 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

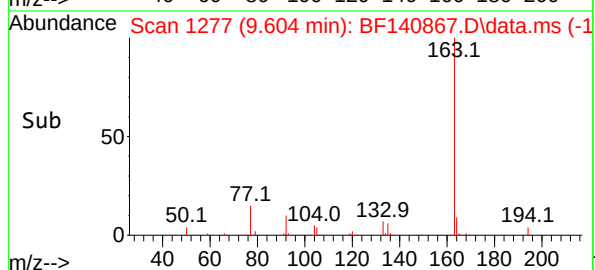
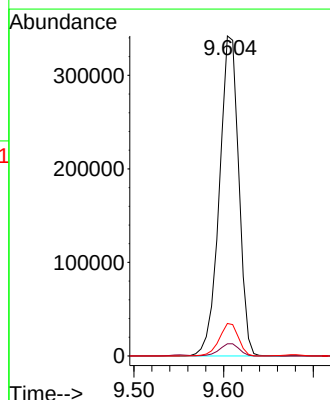
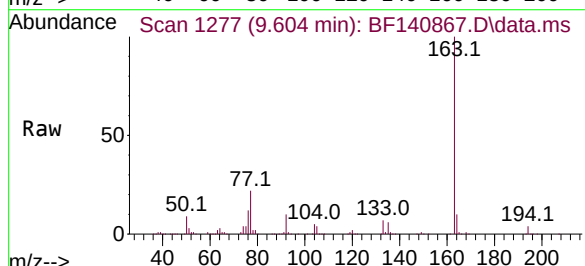
Tgt Ion:163 Resp: 512580

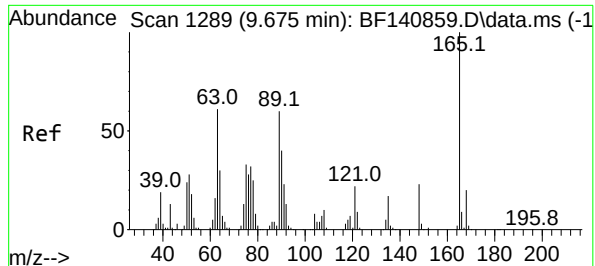
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.027 ng

RT: 9.681 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

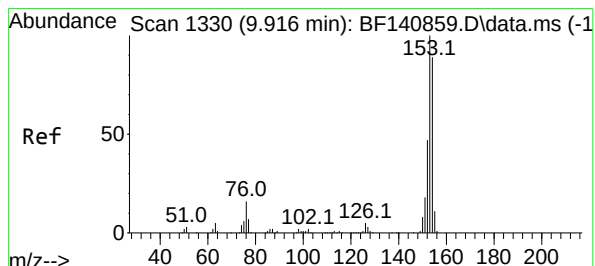
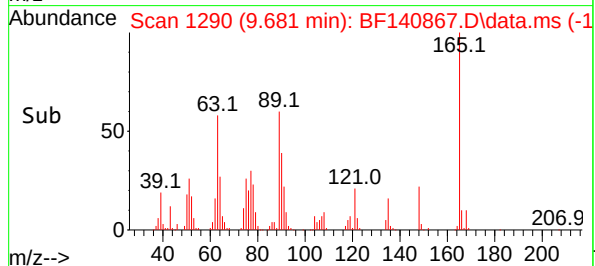
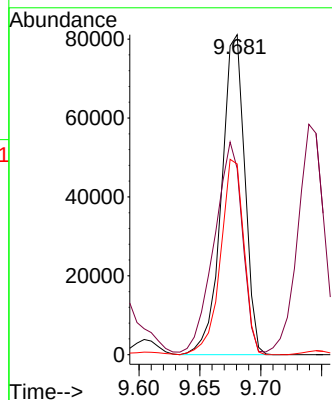
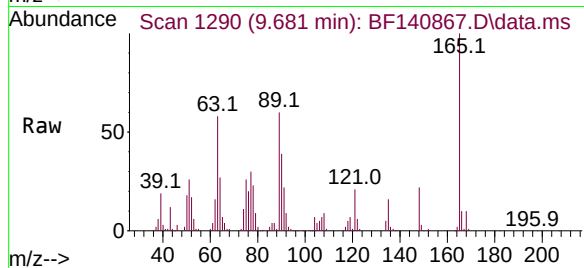
Tgt Ion:165 Resp: 107961

Ion Ratio Lower Upper

165 100

63 58.2 49.7 74.5

89 59.6 48.2 72.4



#52

Acenaphthene

Concen: 48.961 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

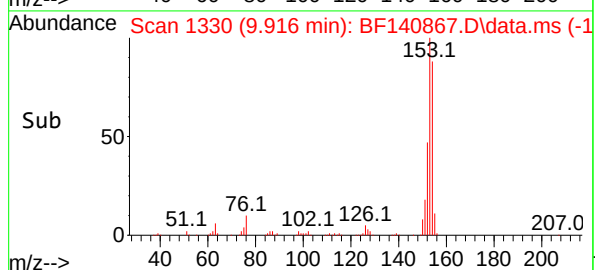
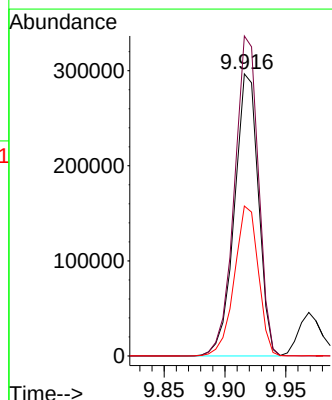
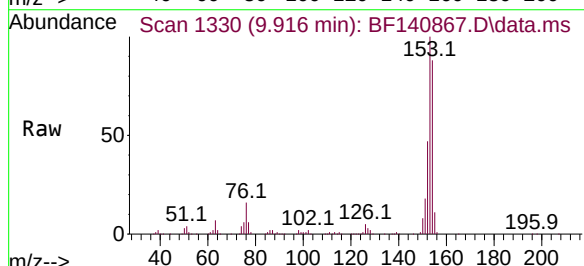
Tgt Ion:154 Resp: 406902

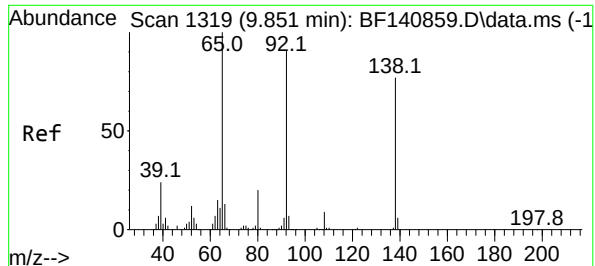
Ion Ratio Lower Upper

154 100

153 113.5 89.9 134.9

152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 30.073 ng

RT: 9.851 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

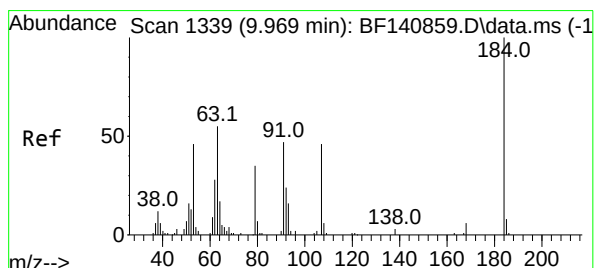
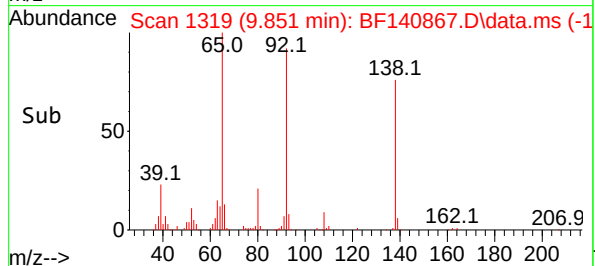
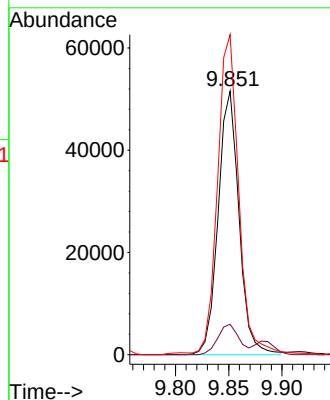
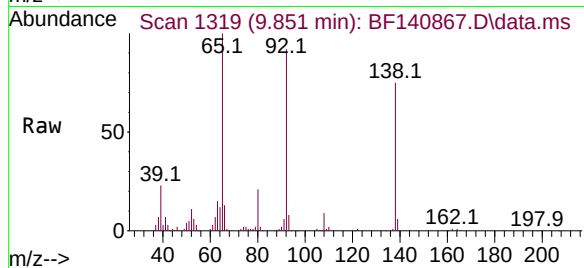
Tgt Ion:138 Resp: 70003

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 121.4 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 83.899 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

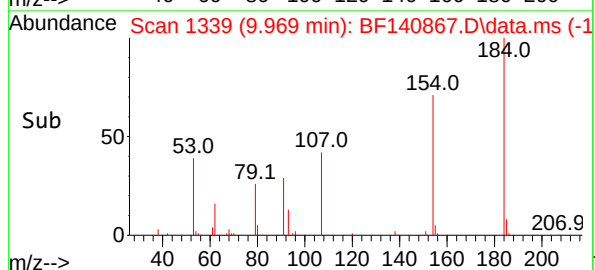
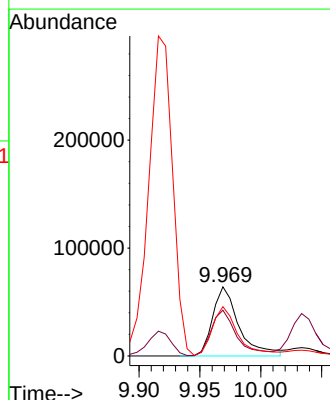
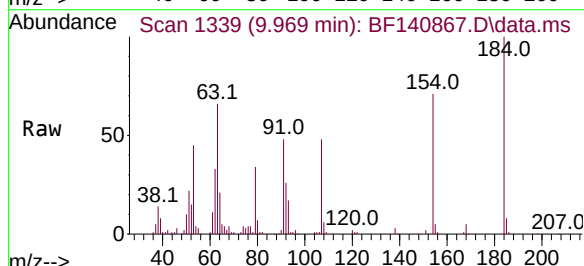
Tgt Ion:184 Resp: 96418

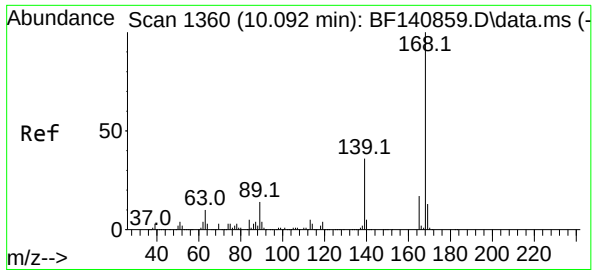
Ion Ratio Lower Upper

184 100

63 66.3 51.6 77.4

154 71.4 56.1 84.1





#55

Dibenzofuran

Concen: 47.921 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

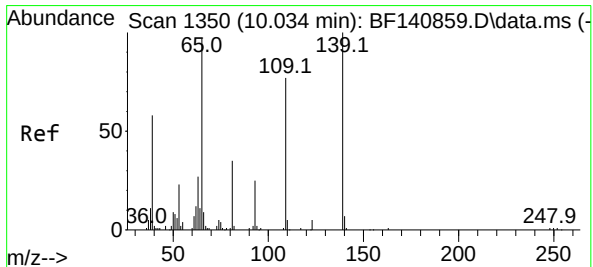
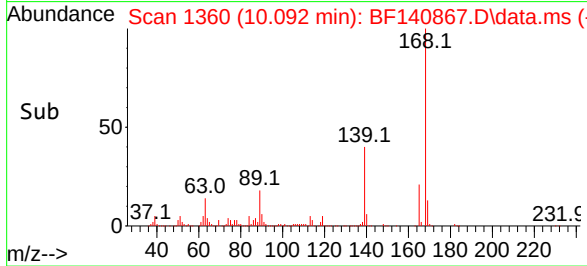
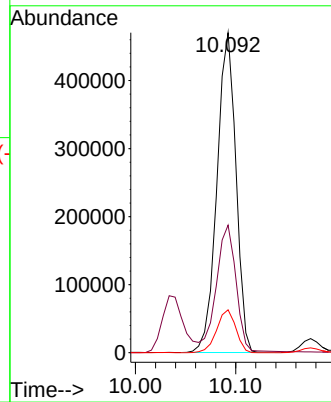
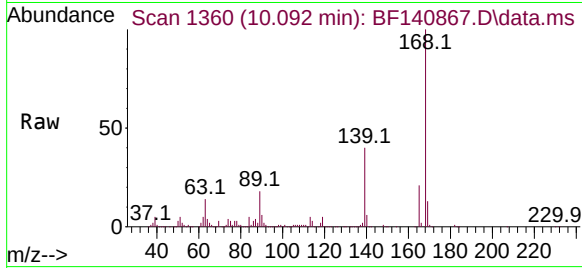
Tgt Ion:168 Resp: 617122

Ion Ratio Lower Upper

168 100

139 39.9 31.1 46.7

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 99.734 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

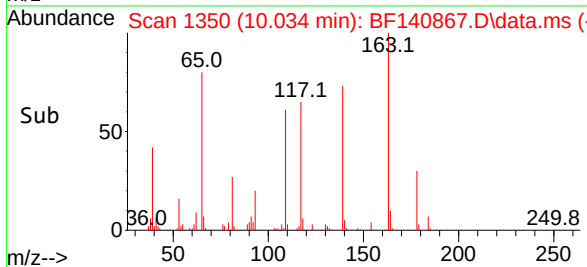
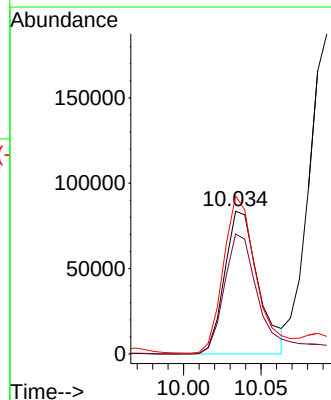
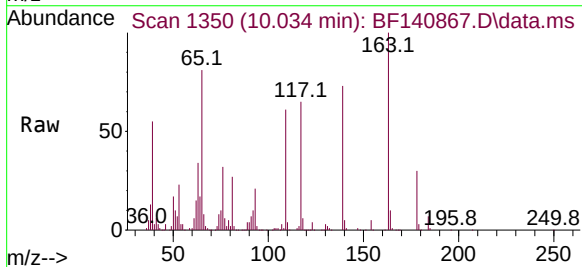
Tgt Ion:139 Resp: 126331

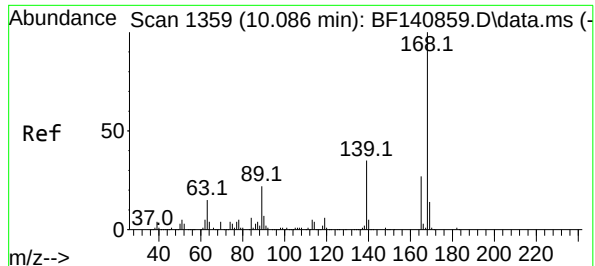
Ion Ratio Lower Upper

139 100

109 84.0 56.7 96.7

65 110.7 78.1 118.1





#57

2,4-Dinitrotoluene

Concen: 48.806 ng

RT: 10.086 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

Tgt Ion:165 Resp: 150626

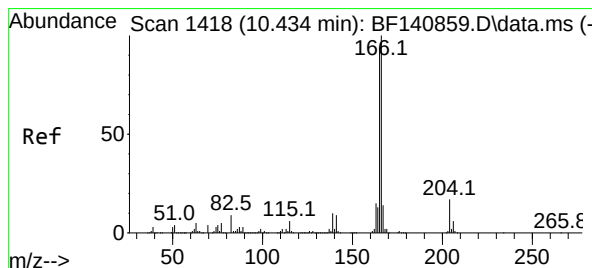
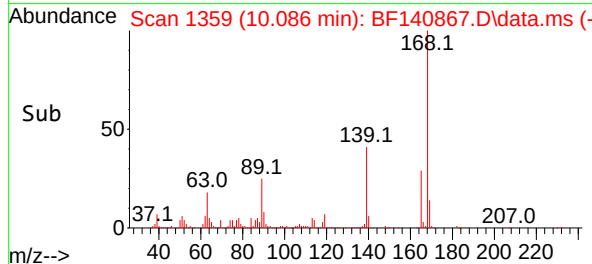
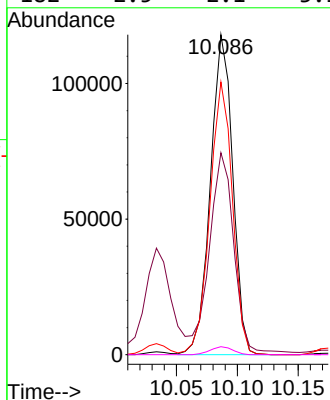
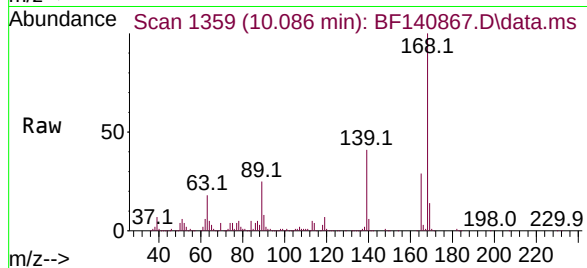
Ion Ratio Lower Upper

165 100

63 63.1 49.3 73.9

89 85.2 66.2 99.4

182 2.5 2.1 3.1



#58

Fluorene

Concen: 47.217 ng

RT: 10.434 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

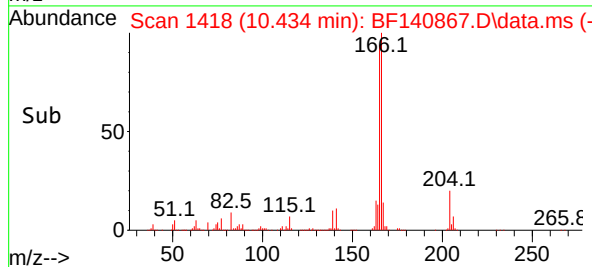
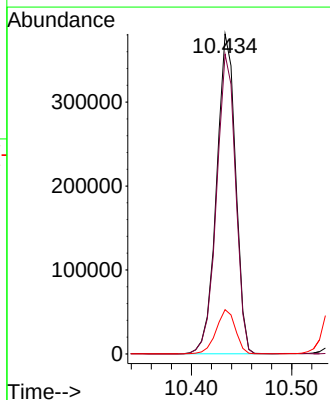
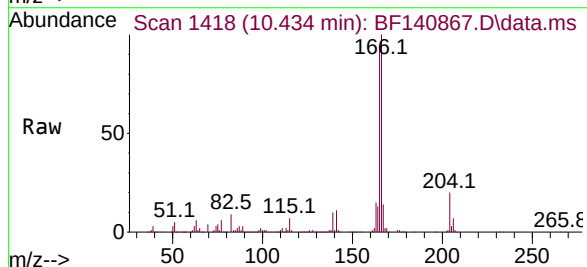
Tgt Ion:166 Resp: 501643

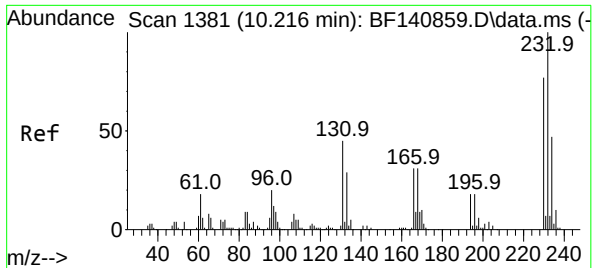
Ion Ratio Lower Upper

166 100

165 93.7 75.1 112.7

167 13.8 11.1 16.7

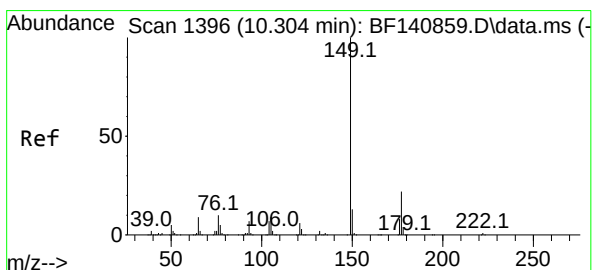
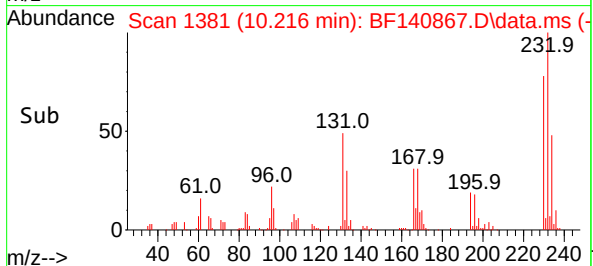
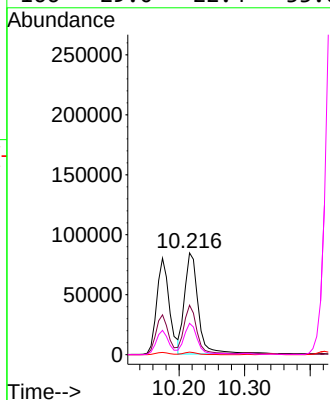
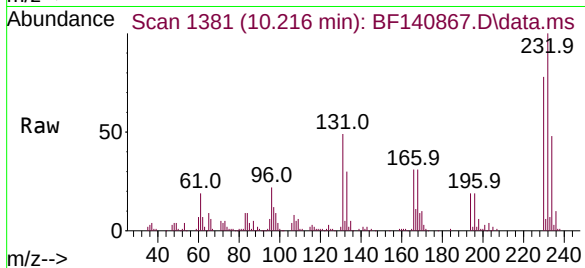




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.843 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

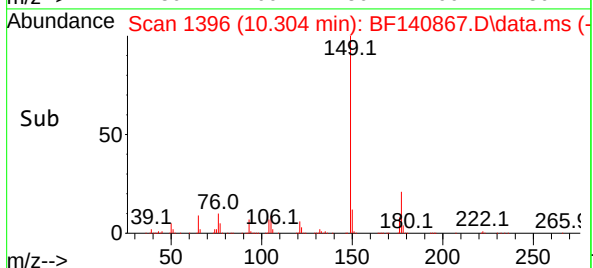
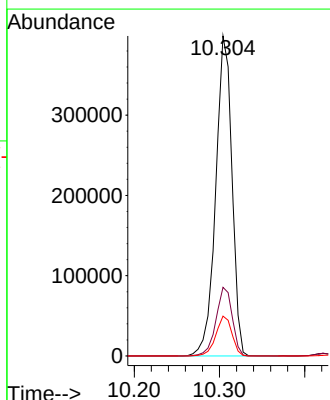
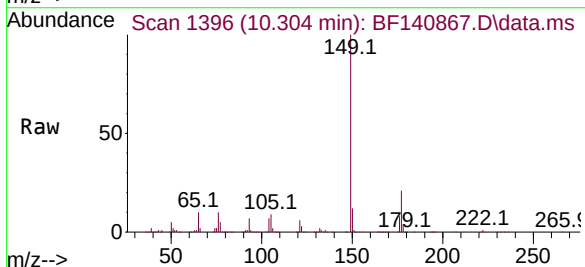
Instrument :
BNA_F
ClientSampleId :
PB165479BS

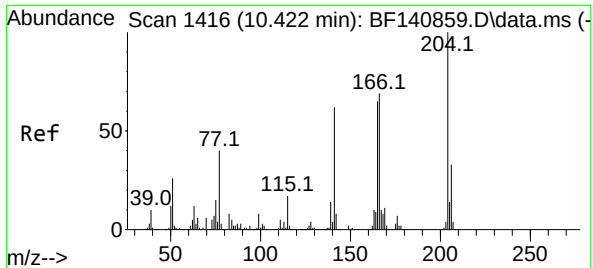
Tgt Ion:232 Resp: 122273
Ion Ratio Lower Upper
232 100
131 45.8 35.1 52.7
130 2.4 1.8 2.8
166 29.0 22.4 33.6



#60
Diethylphthalate
Concen: 49.646 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:149 Resp: 528222
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.4 10.1 15.1

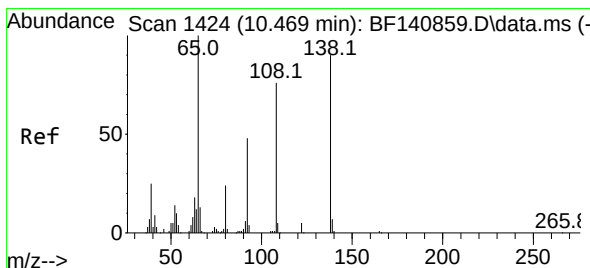
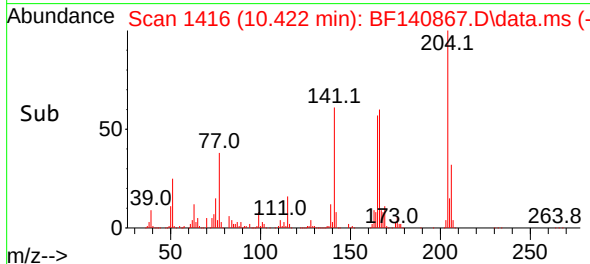
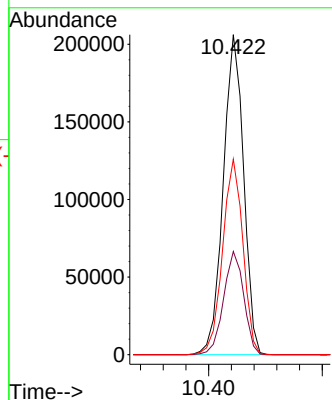
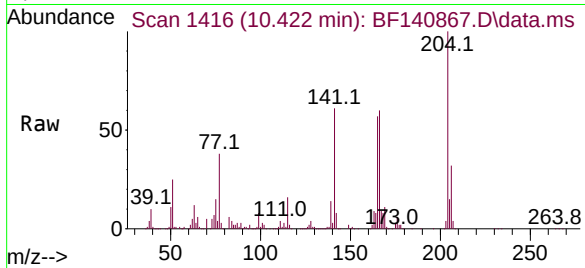




#61
4-Chlorophenyl-phenylether
Concen: 48.048 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

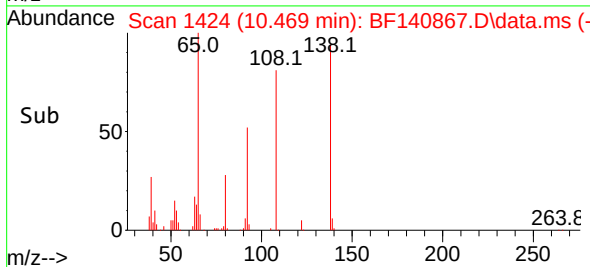
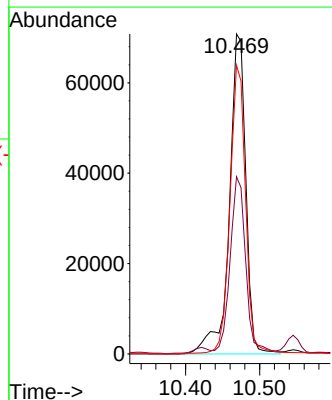
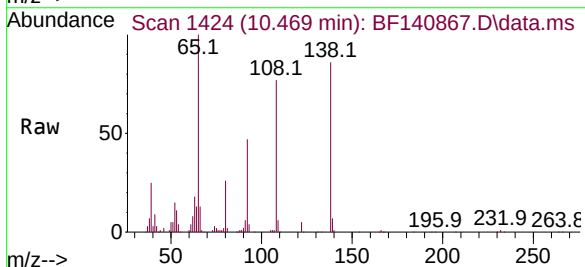
Instrument :
BNA_F
ClientSampleId :
PB165479BS

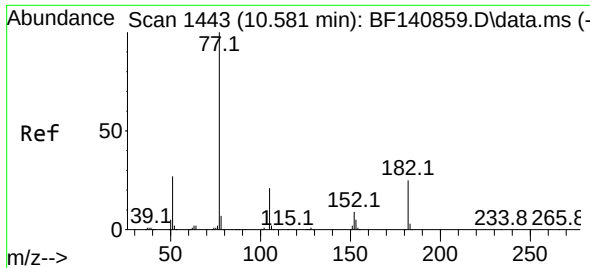
Tgt Ion:204 Resp: 256421
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 61.1 50.0 75.0



#62
4-Nitroaniline
Concen: 44.872 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:138 Resp: 109152
Ion Ratio Lower Upper
138 100
92 55.4 32.6 72.6
108 90.2 64.1 104.1

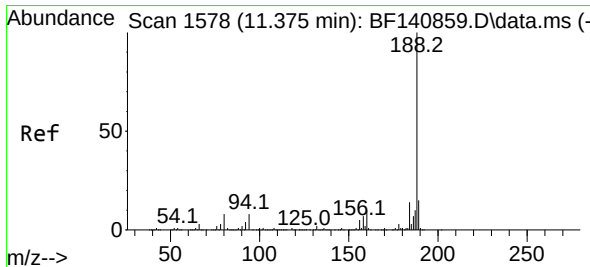
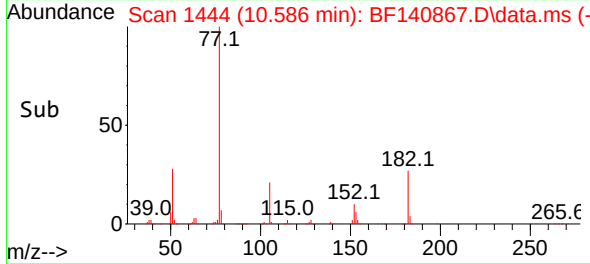
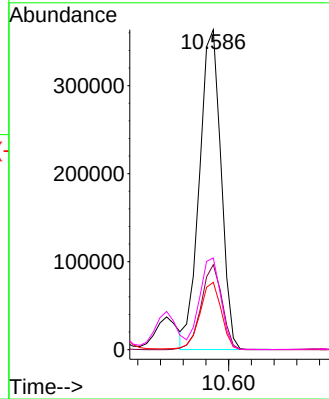
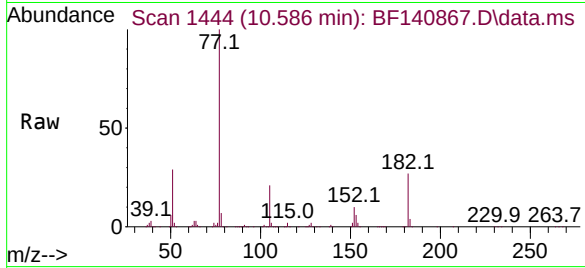




#63
Azobenzene
Concen: 47.789 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

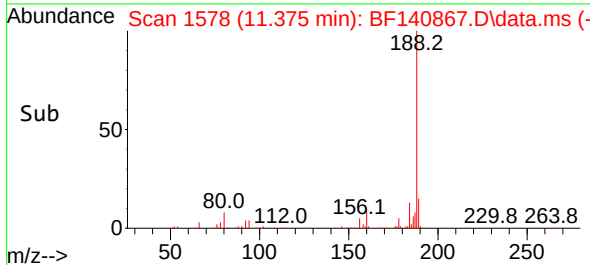
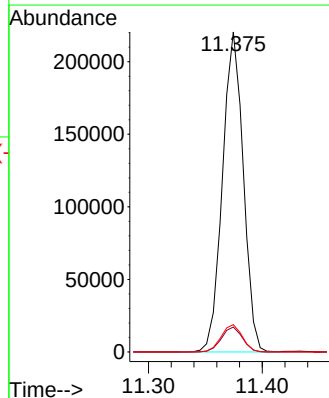
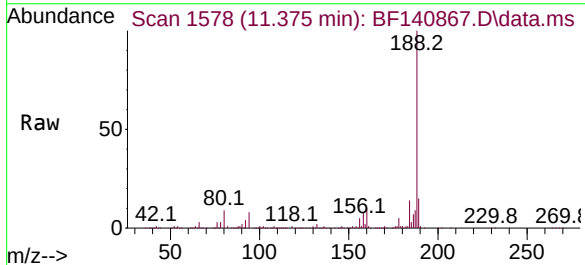
Instrument :
BNA_F
ClientSampleId :
PB165479BS

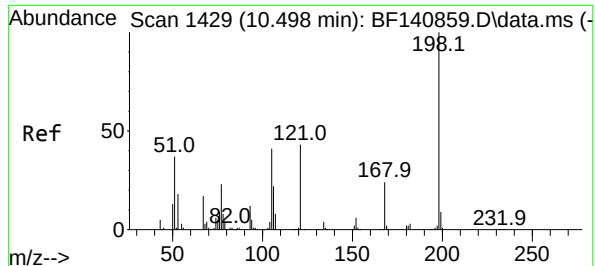
Tgt Ion: 77 Resp: 478016
Ion Ratio Lower Upper
77 100
182 26.5 4.5 44.5
105 21.1 0.9 40.9
51 28.6 8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion: 188 Resp: 280715
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.6 6.8 10.2

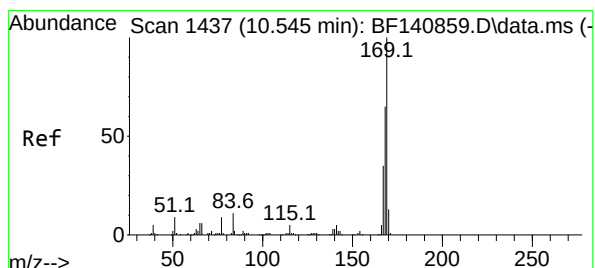
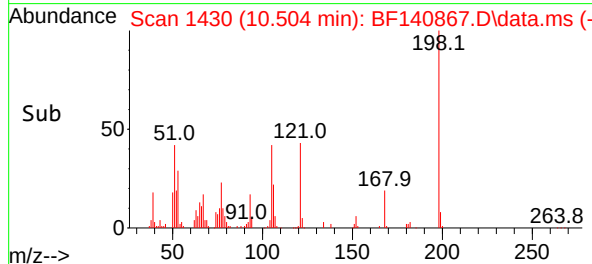
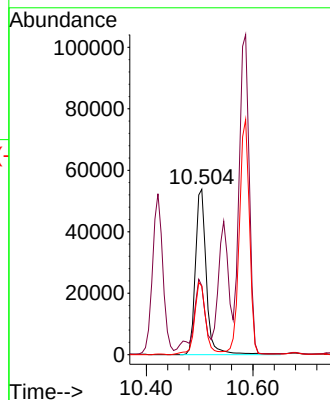
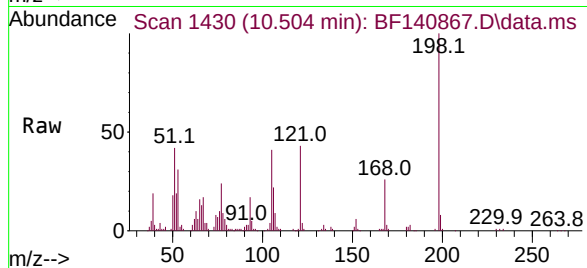




#65
4,6-Dinitro-2-methylphenol
Concen: 48.448 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

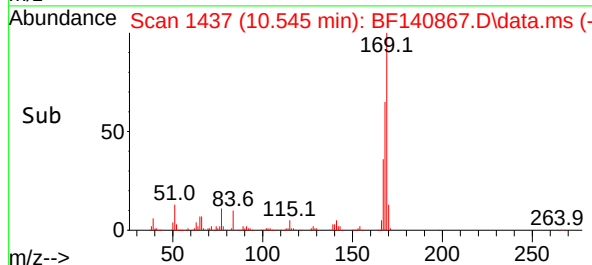
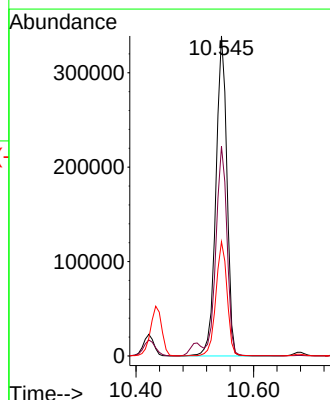
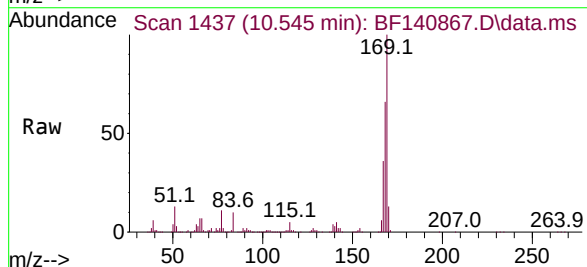
Instrument :
BNA_F
ClientSampleId :
PB165479BS

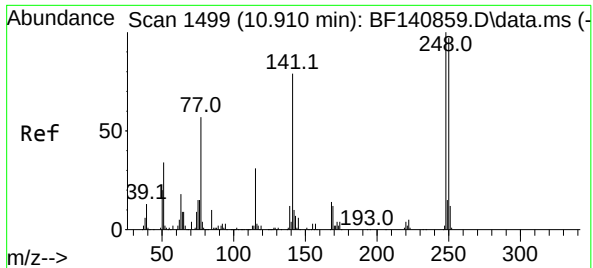
Tgt Ion:198 Resp: 77066
Ion Ratio Lower Upper
198 100
51 41.6 24.4 64.4
105 41.4 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 51.179 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:169 Resp: 441708
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.0
167 35.7 28.3 42.5

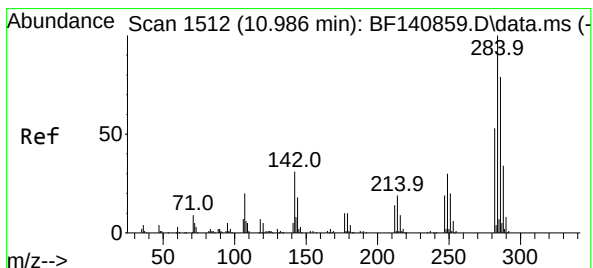
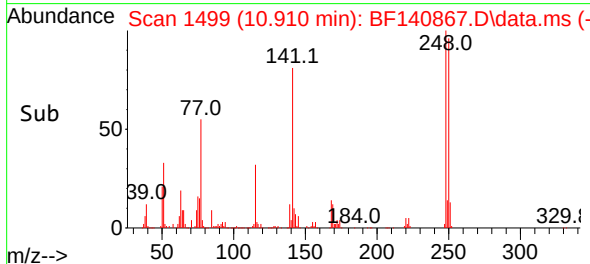
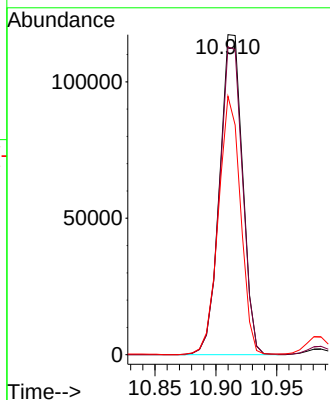
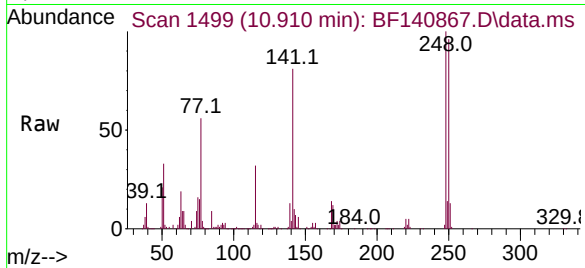




#67
4-Bromophenyl-phenylether
Concen: 49.123 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

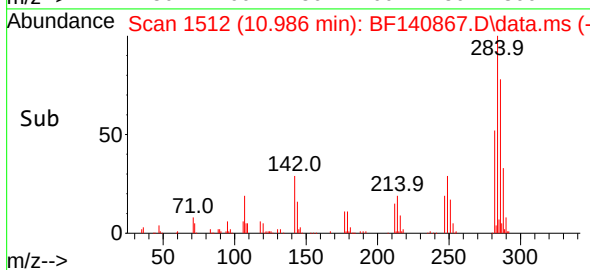
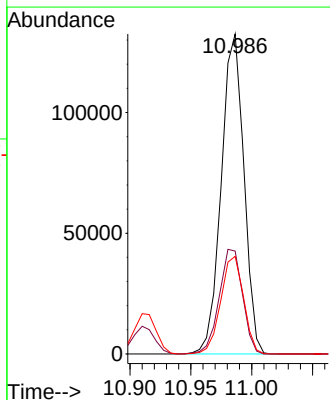
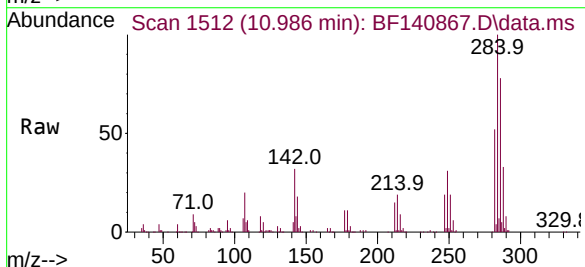
Instrument :
BNA_F
ClientSampleId :
PB165479BS

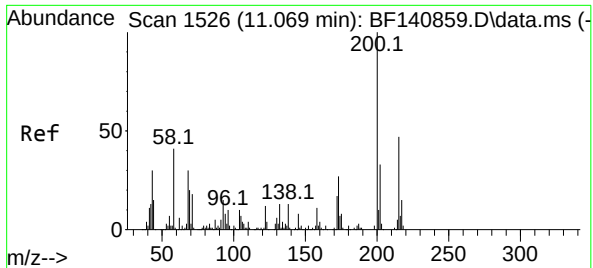
Tgt Ion:248 Resp: 154268
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.2
141 80.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 48.139 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:284 Resp: 171401
Ion Ratio Lower Upper
284 100
142 32.1 24.6 36.8
249 30.5 24.3 36.5





#69

Atrazine

Concen: 61.626 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

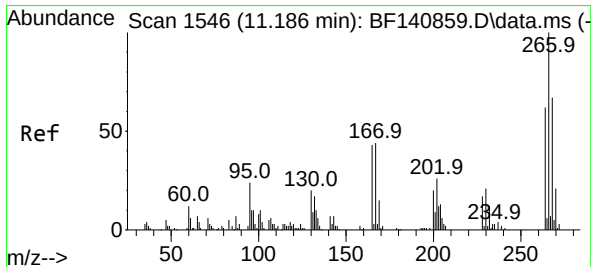
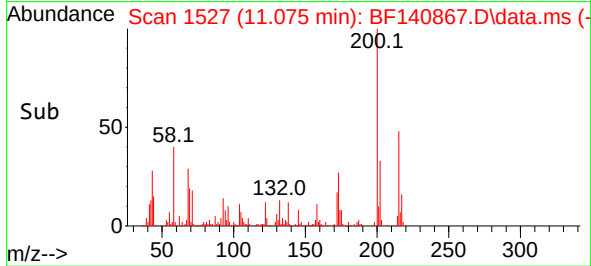
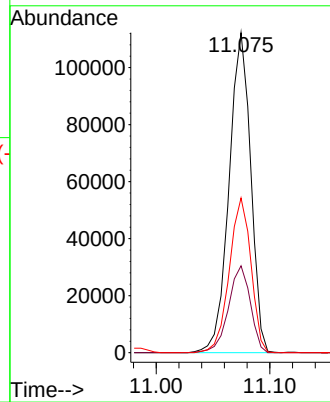
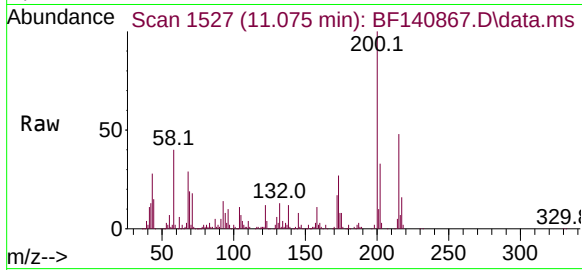
Tgt Ion:200 Resp: 148546

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 99.297 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

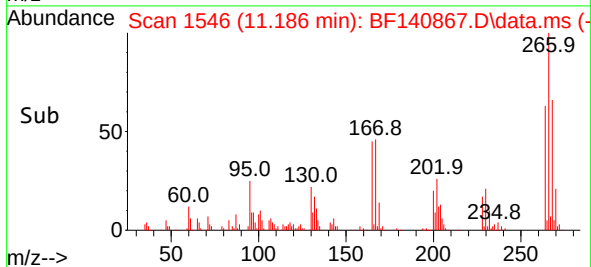
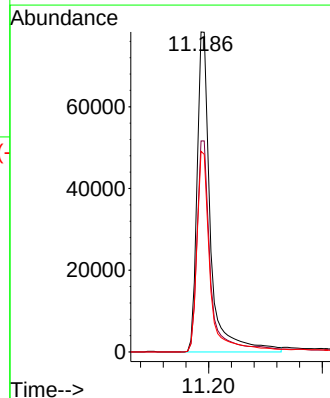
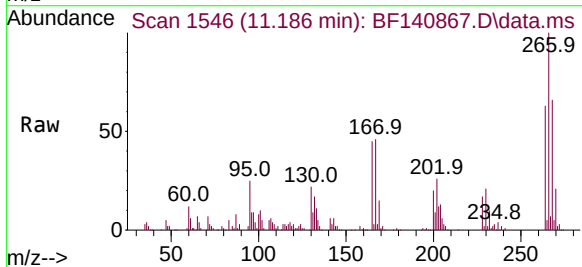
Tgt Ion:266 Resp: 129262

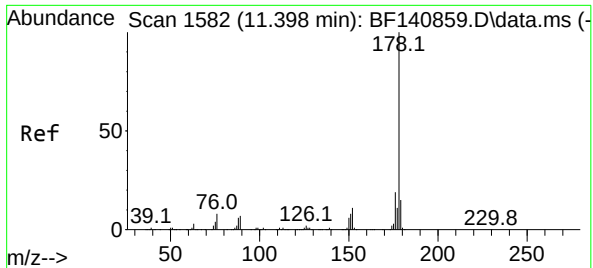
Ion Ratio Lower Upper

266 100

268 66.0 54.0 81.0

264 62.7 49.4 74.2





#71

Phenanthrene

Concen: 49.922 ng

RT: 11.398 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

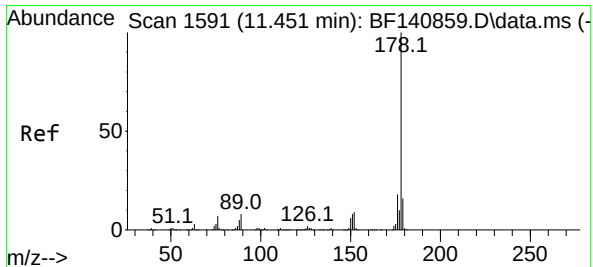
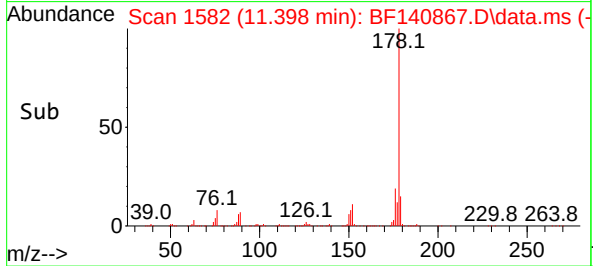
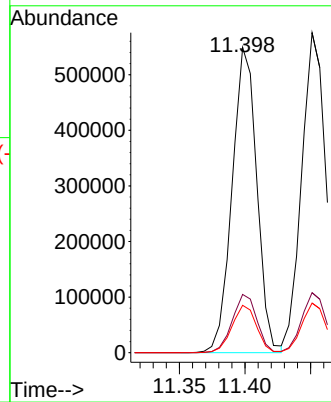
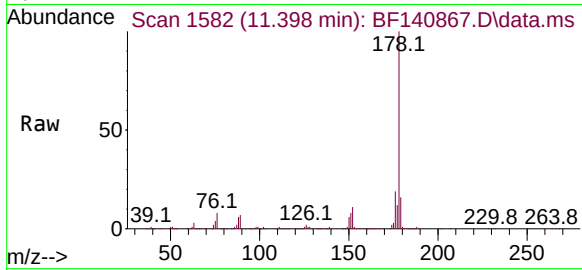
Tgt Ion:178 Resp: 720647

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.5 12.1 18.1



#72

Anthracene

Concen: 51.395 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

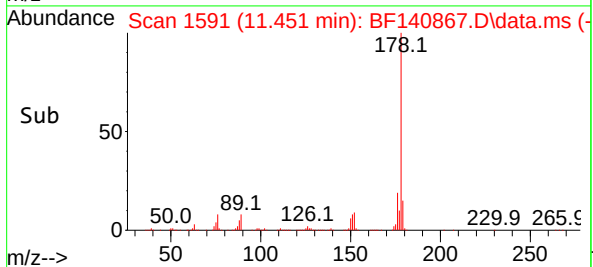
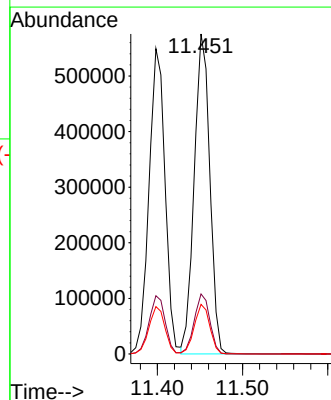
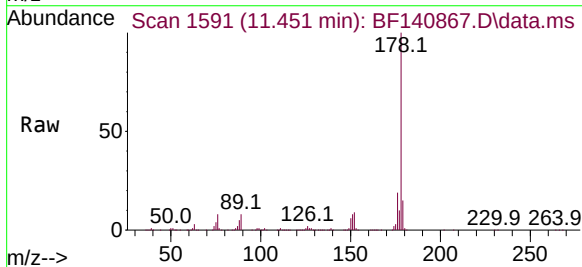
Tgt Ion:178 Resp: 730638

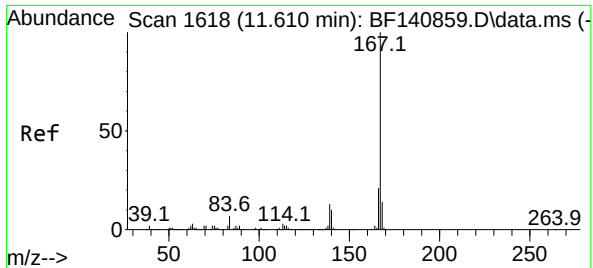
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.5 12.6 18.8

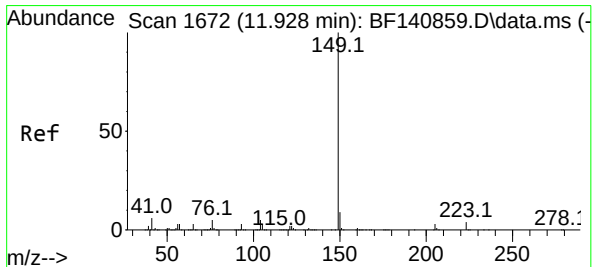
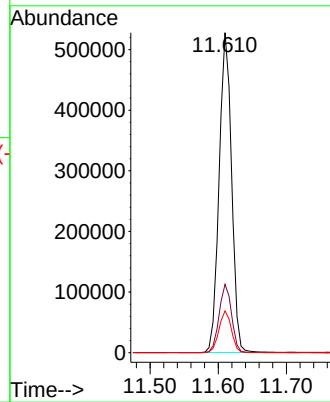
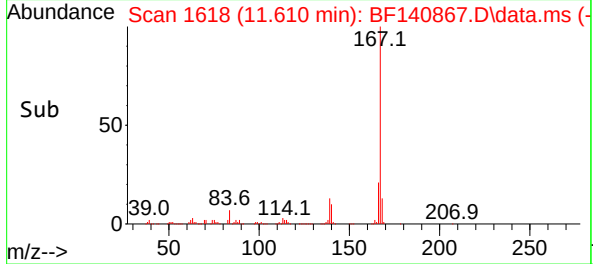
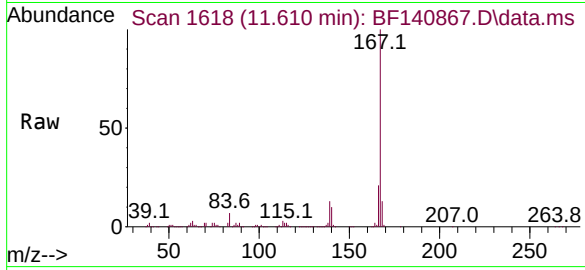




#73
Carbazole
Concen: 48.176 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

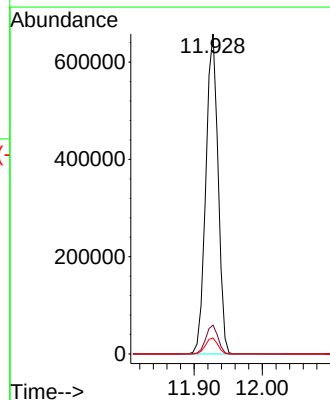
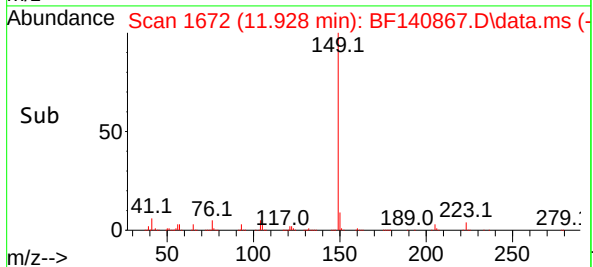
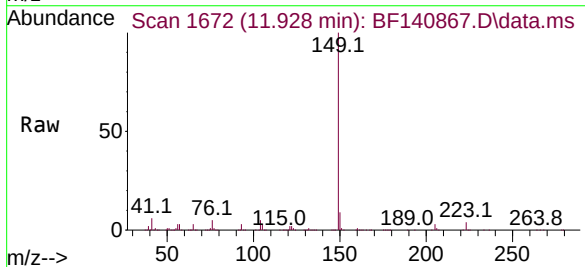
Instrument :
BNA_F
ClientSampleId :
PB165479BS

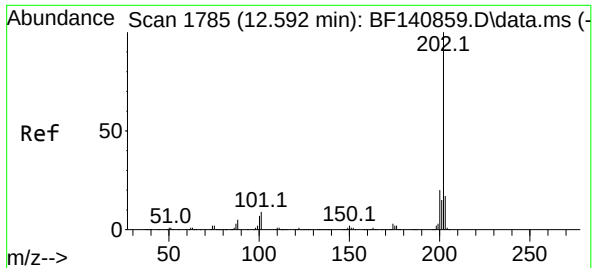
Tgt Ion:167 Resp: 670829
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.6
139 13.0 10.2 15.2



#74
Di-n-butylphthalate
Concen: 50.232 ng
RT: 11.928 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:149 Resp: 820883
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.0 3.8 5.8

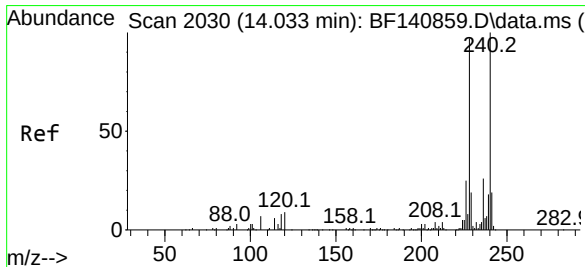
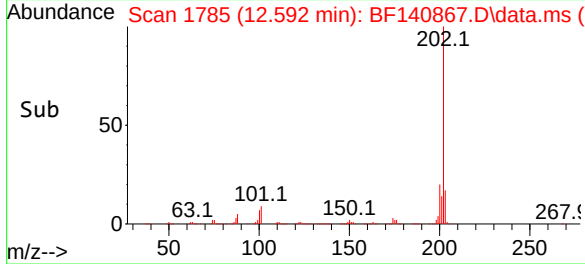
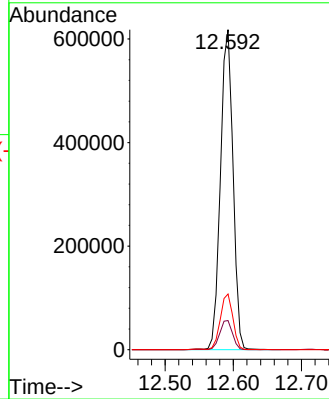
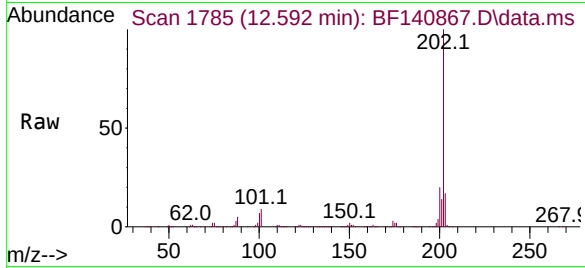




#75
Fluoranthene
Concen: 47.739 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

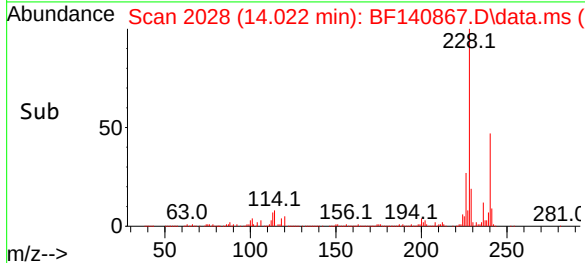
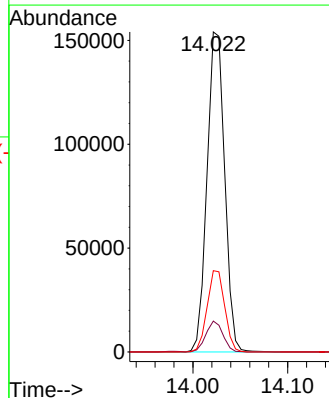
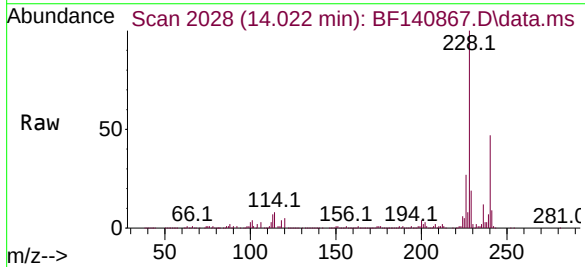
Instrument :
BNA_F
ClientSampleId :
PB165479BS

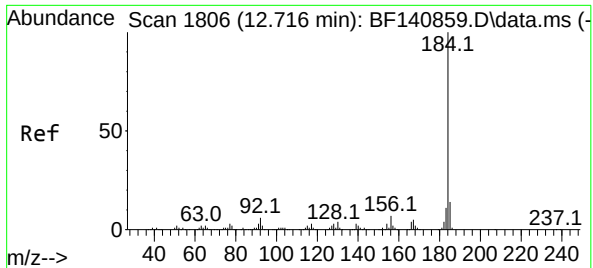
Tgt Ion:202 Resp: 793652
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:240 Resp: 199131
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.4 20.5 30.7

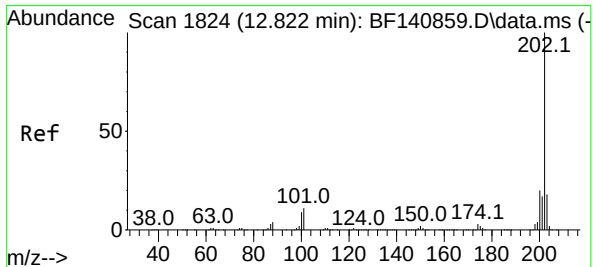
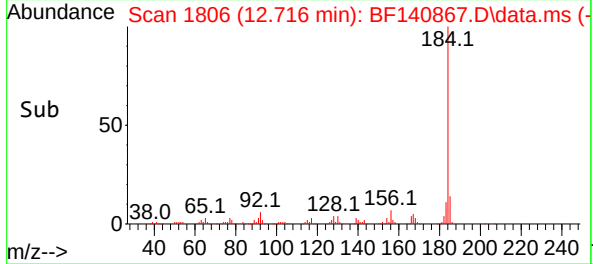
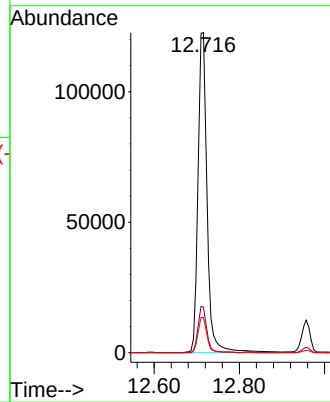
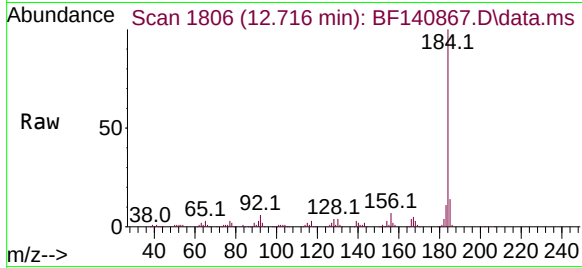




#77
Benzidine
Concen: 44.785 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

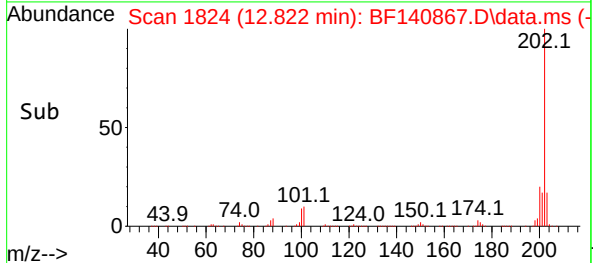
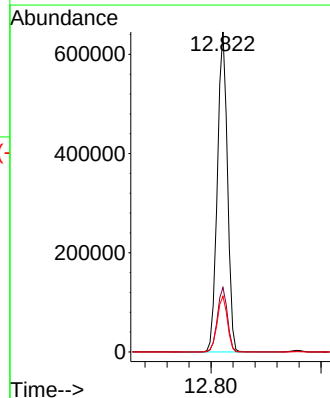
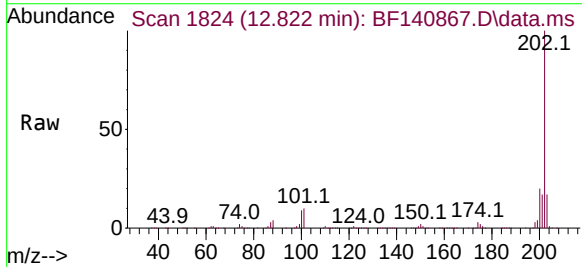
Instrument :
BNA_F
ClientSampleId :
PB165479BS

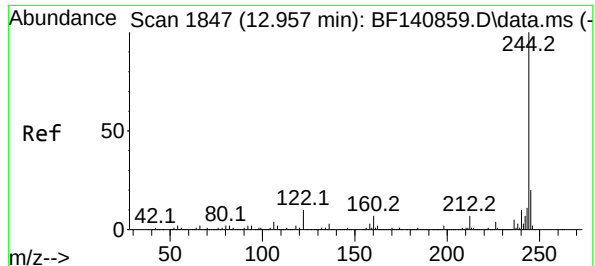
Tgt Ion:184 Resp: 182015
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 11.0 9.0 13.4



#78
Pyrene
Concen: 46.470 ng
RT: 12.822 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:202 Resp: 822879
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 94.355 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

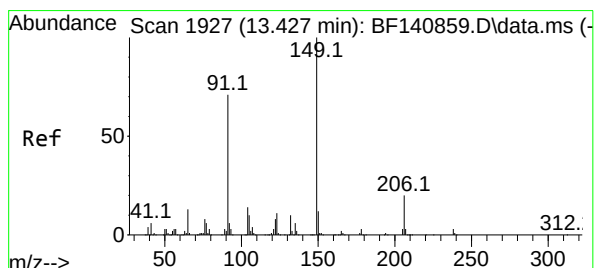
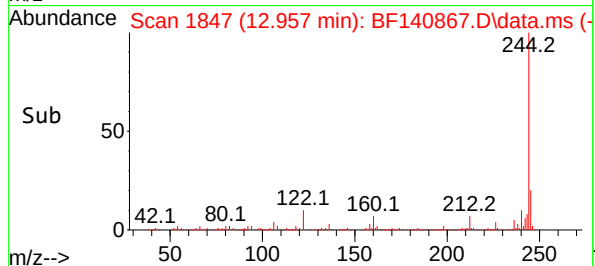
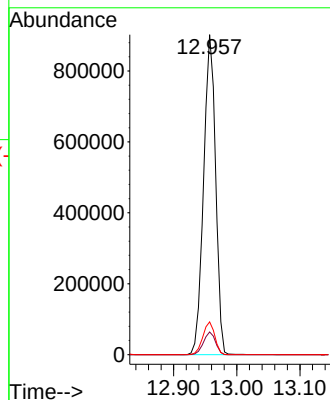
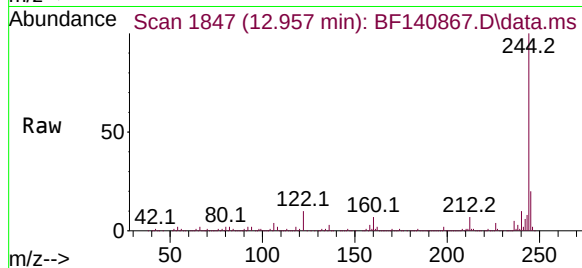
Tgt Ion:244 Resp: 1191545

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.982 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

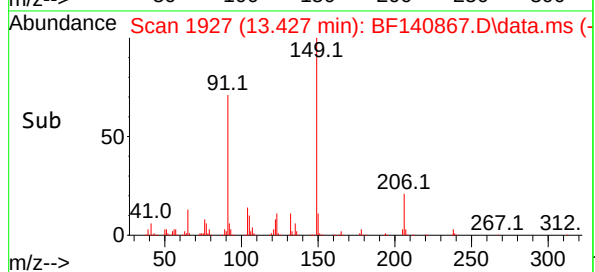
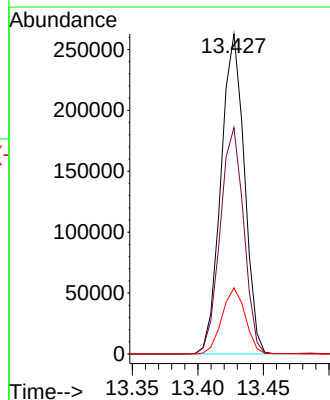
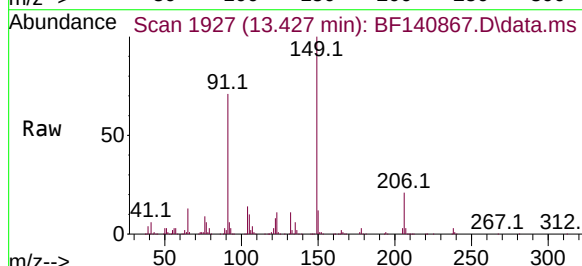
Tgt Ion:149 Resp: 325666

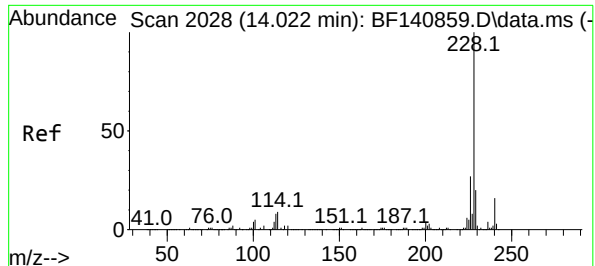
Ion Ratio Lower Upper

149 100

91 70.7 56.7 85.1

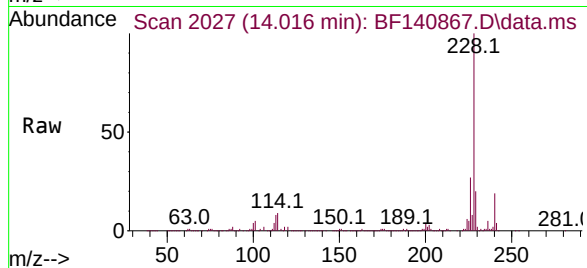
206 20.6 16.4 24.6



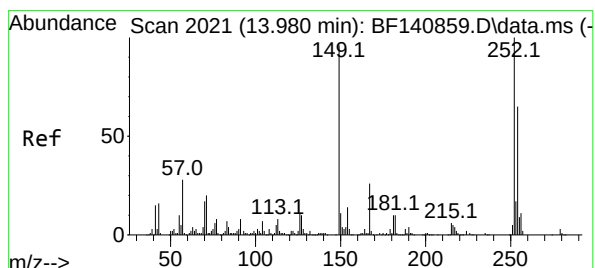
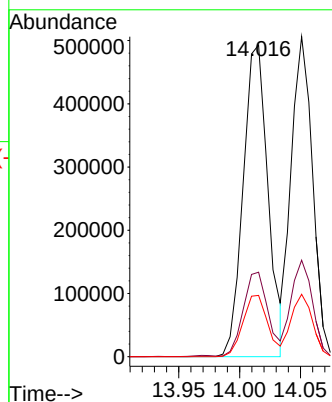
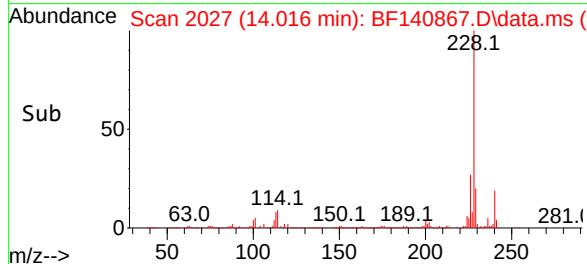


#81
Benzo(a)anthracene
Concen: 49.652 ng
RT: 14.016 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

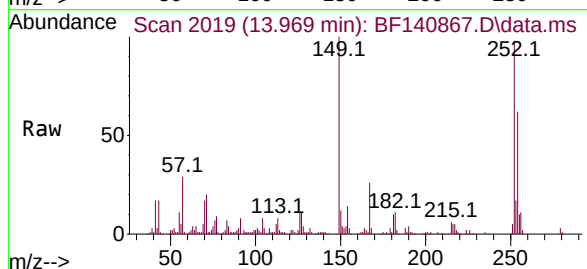
Instrument :
BNA_F
ClientSampleId :
PB165479BS



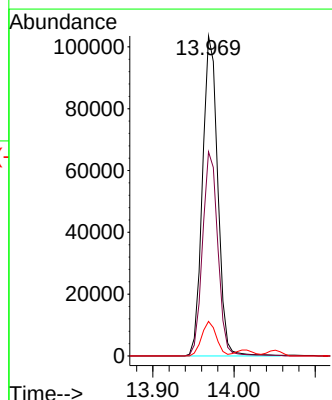
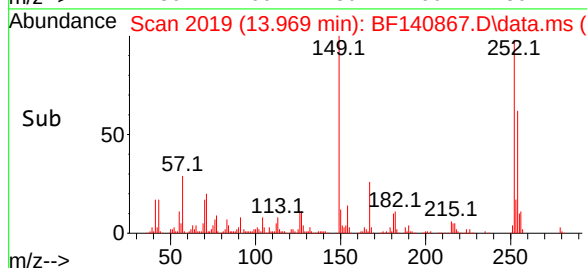
Tgt Ion:228 Resp: 700740
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.8

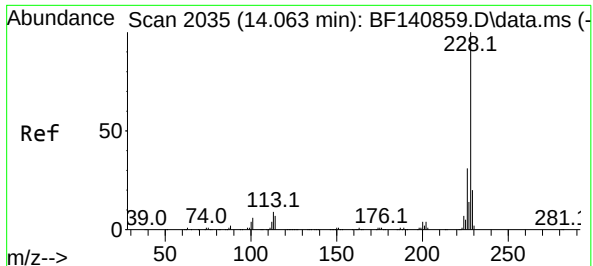


#82
3,3'-Dichlorobenzidine
Concen: 31.726 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26



Tgt Ion:252 Resp: 135088
Ion Ratio Lower Upper
252 100
254 63.8 52.3 78.5
126 10.8 8.4 12.6





#83

Chrysene

Concen: 48.259 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF140867.D

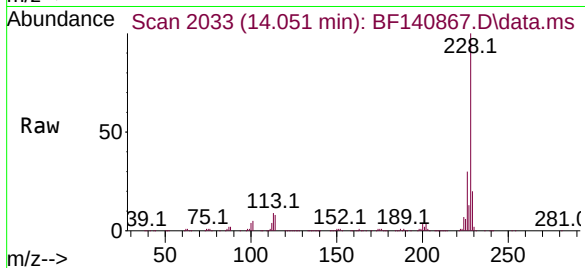
Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS



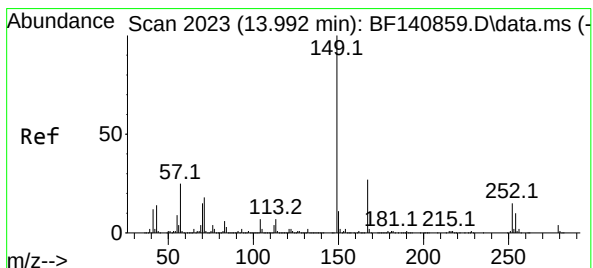
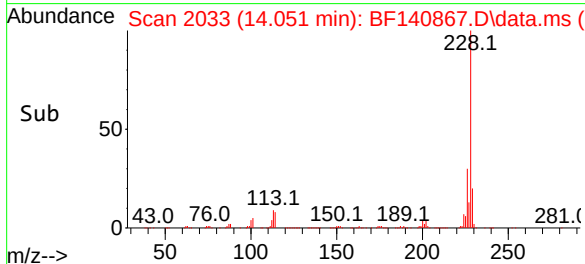
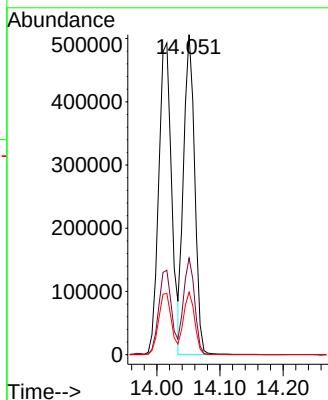
Tgt Ion:228 Resp: 619338

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.805 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

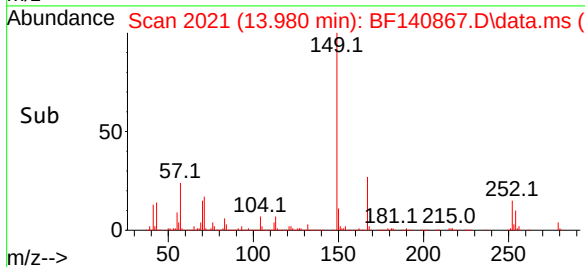
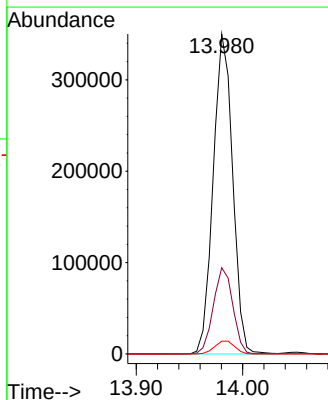
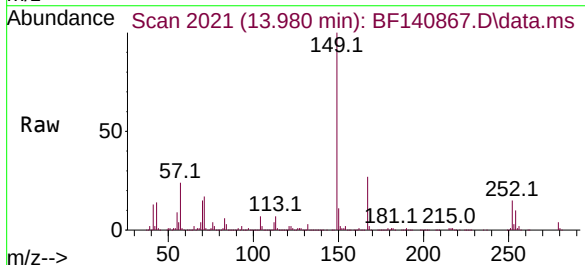
Tgt Ion:149 Resp: 443635

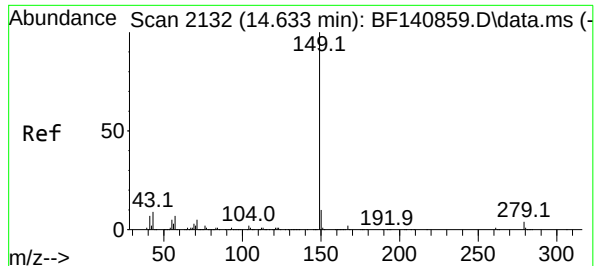
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 53.027 ng

RT: 14.598 min Scan# 2132

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

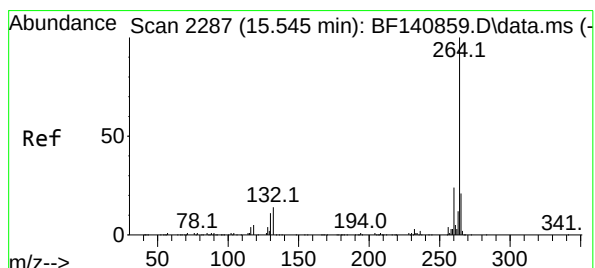
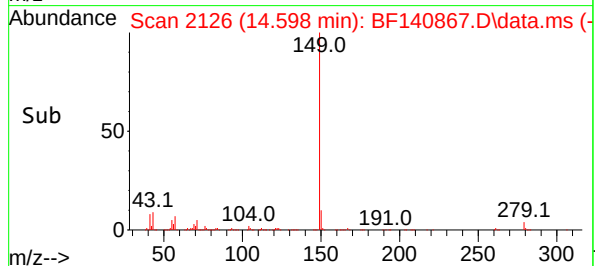
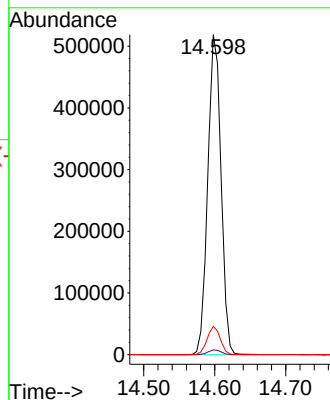
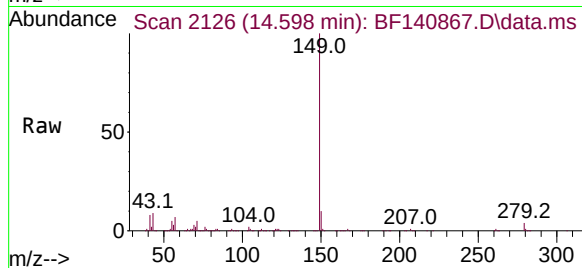
Tgt Ion:149 Resp: 673998

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.6 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: BF140867.D

Acq: 16 Dec 2024 18:26

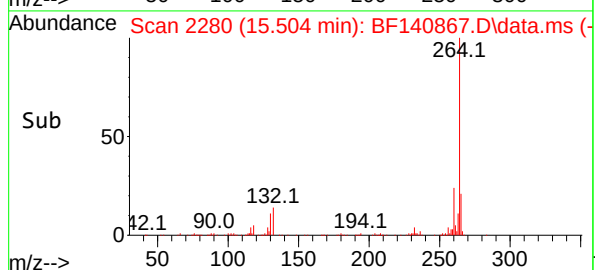
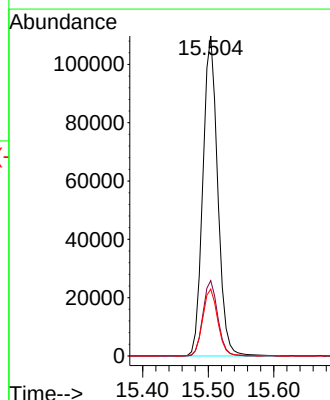
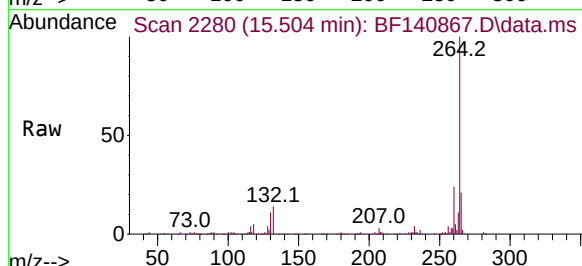
Tgt Ion:264 Resp: 173133

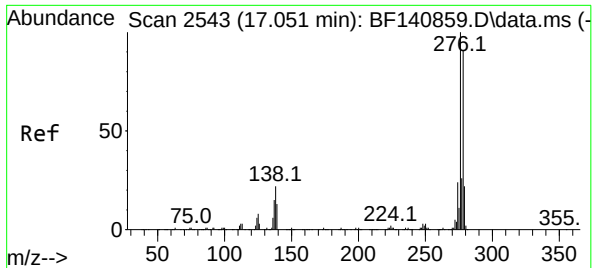
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.9 17.0 25.4

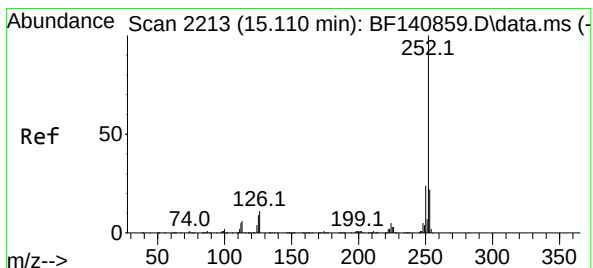
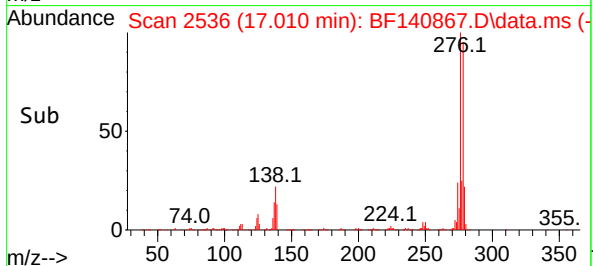
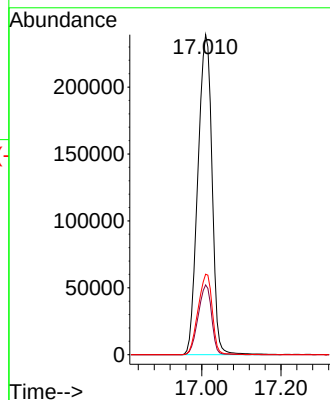
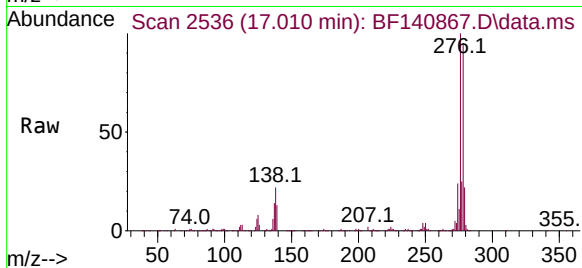




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.732 ng
RT: 17.010 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

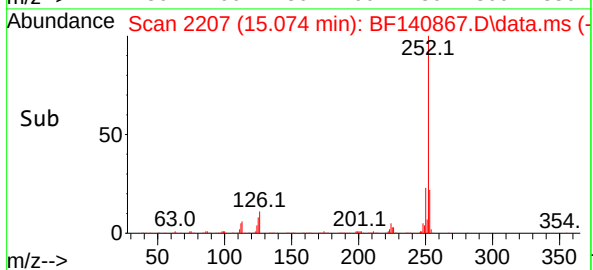
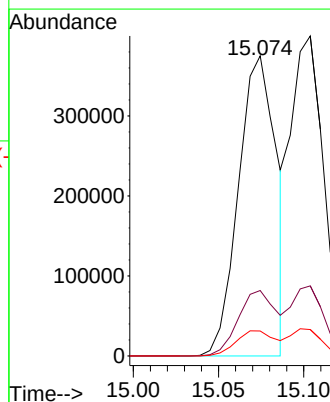
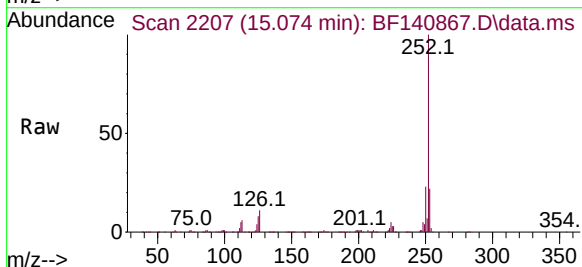
Instrument :
BNA_F
ClientSampleId :
PB165479BS

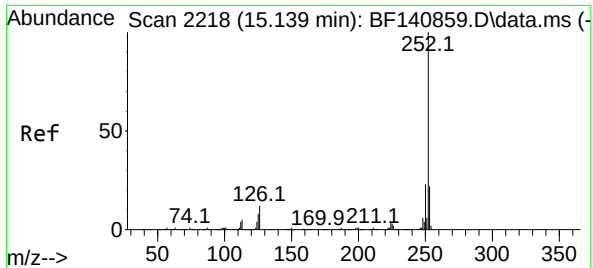
Tgt Ion:276 Resp: 591338
Ion Ratio Lower Upper
276 100
138 20.5 16.9 25.3
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 48.161 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.035 min
Lab File: BF140867.D
Acq: 16 Dec 2024 18:26

Tgt Ion:252 Resp: 578802
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: 52.400 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

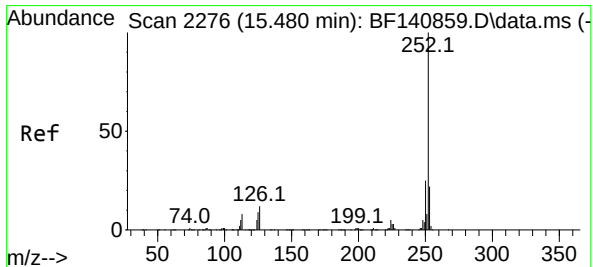
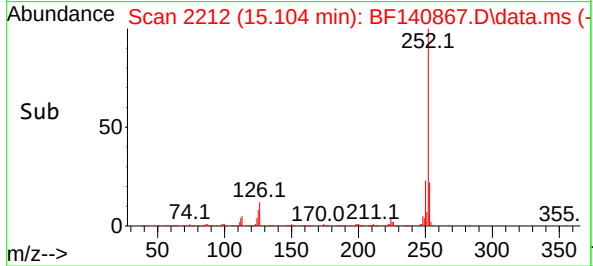
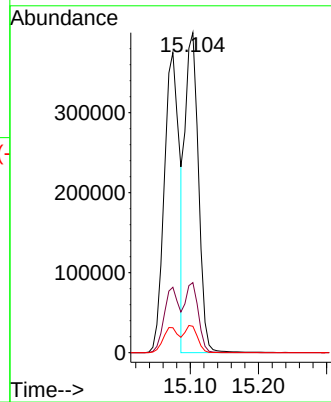
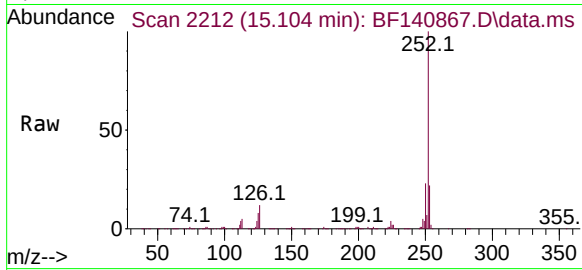
Tgt Ion:252 Resp: 540198

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 6.8 10.2



#90

Benzo(a)pyrene

Concen: 54.551 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

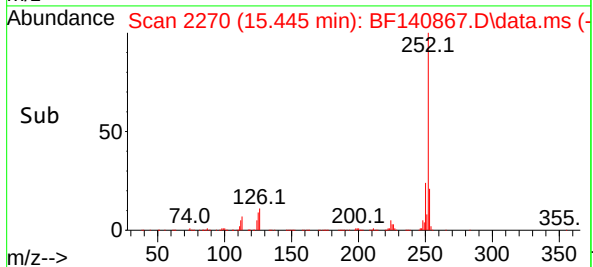
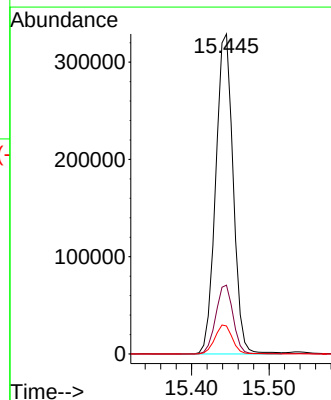
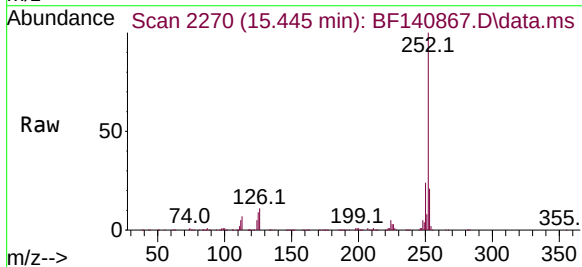
Tgt Ion:252 Resp: 513351

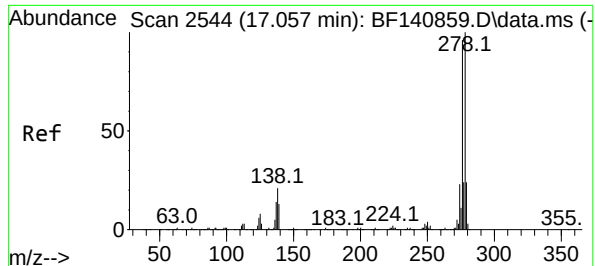
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.8 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 54.407 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

Instrument :

BNA_F

ClientSampleId :

PB165479BS

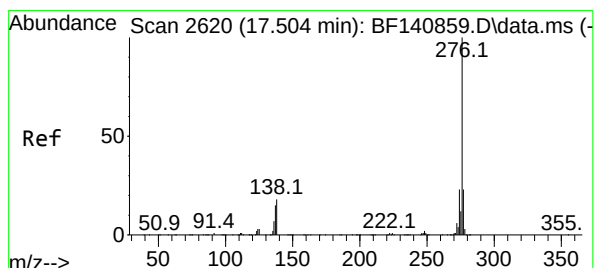
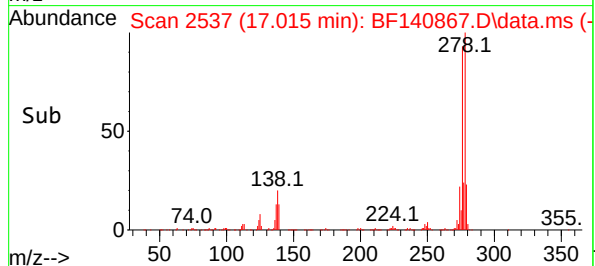
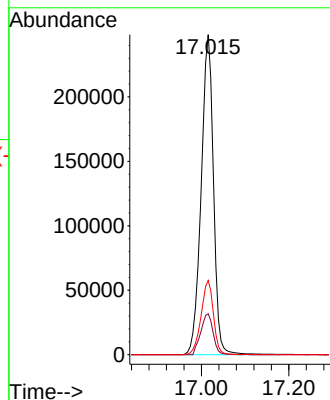
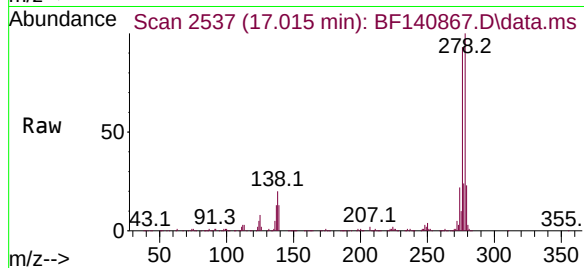
Tgt Ion:278 Resp: 486982

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: 51.077 ng

RT: 17.457 min Scan# 2612

Delta R.T. -0.047 min

Lab File: BF140867.D

Acq: 16 Dec 2024 18:26

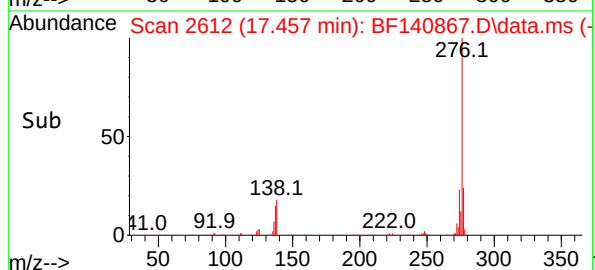
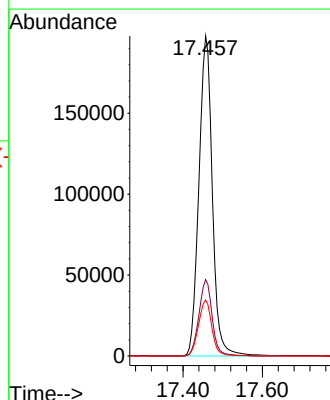
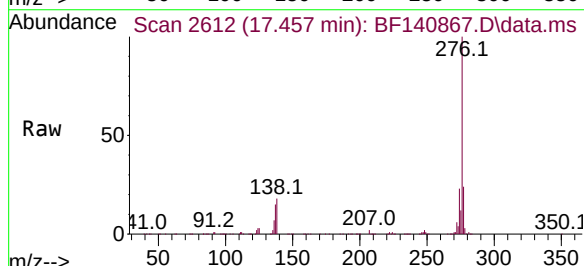
Tgt Ion:276 Resp: 465302

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 17.5 14.2 21.2



Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BSD	SDG No.:	P5192
Lab Sample ID:	PB165479BSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140868.D	1	12/09/24 08:38	12/16/24 18:53	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	46.4		1.00	10.0	ug/L
108-95-2	Phenol	48.1		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.3		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	48.3		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.3		1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.3		1.50	5.00	ug/L
67-72-1	Hexachloroethane	47.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	46.0		1.30	5.00	ug/L
78-59-1	Isophorone	49.6		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	48.8		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	58.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.7		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	47.5		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.4		1.10	5.00	ug/L
91-20-3	Naphthalene	46.3		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.6		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	45.0		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.1		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	46.4		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.1		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	5.00	ug/L
208-96-8	Acenaphthylene	51.0		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	47.0		1.20	5.00	ug/L
83-32-9	Acenaphthene	48.3		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	86.6	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	46.3		1.50	5.00	ug/L
84-66-2	Diethylphthalate	47.5		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.5		0.98	5.00	ug/L

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2024		Date Received:	
Client Sample ID:	PB165479BSD		SDG No.:	P5192
Lab Sample ID:	PB165479BSD		Matrix:	Water
Analytical Method:	625.1		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group1
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140868.D	1	12/09/24 08:38	12/16/24 18:53	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	46.1		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.1		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.3		0.89	5.00	ug/L
103-33-3	Azobenzene	47.4		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	49.9		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	44.1		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	98.0	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	49.7		0.89	5.00	ug/L
120-12-7	Anthracene	51.4		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	46.2		1.30	5.00	ug/L
92-87-5	Benzidine	43.0		4.10	10.0	ug/L
129-00-0	Pyrene	45.2		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.8		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	32.9		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.9		0.94	5.00	ug/L
218-01-9	Chrysene	49.7		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.6		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.2		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.7		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.9		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.0		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.1		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	45.6		1.20	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	99.2		60 - 140	99%	SPK: 100
13127-88-3	Phenol-d6	90.7		60 - 140	91%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.6		60 - 140	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		60 - 140	89%	SPK: 100

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2024	Date Received:	
Client Sample ID:	PB165479BSD	SDG No.:	P5192
Lab Sample ID:	PB165479BSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140868.D	1	12/09/24 08:38	12/16/24 18:53	PB165479

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.2		60 - 140	90%	SPK: 100
1718-51-0	Terphenyl-d14	87.5		60 - 140	87%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	88100	6.845
1146-65-2	Naphthalene-d8	342000	8.128
15067-26-2	Acenaphthene-d10	192000	9.886
1517-22-2	Phenanthrene-d10	376000	11.374
1719-03-5	Chrysene-d12	259000	14.027
1520-96-3	Perylene-d12	217000	15.504

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\BF121624\
 Data File : BF140868.D
 Acq On : 16 Dec 2024 18:53
 Operator : RC/JU
 Sample : PB165479BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Quant Time: Dec 17 00:04:11 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	88068	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	342169	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	192313	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	376140	20.000	ng	0.00
76) Chrysene-d12	14.027	240	259234	20.000	ng	0.00
86) Perylene-d12	15.504	264	217232	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	530843	99.226	ng	0.01
7) Phenol-d6	6.498	99	642708	90.703	ng	0.00
23) Nitrobenzene-d5	7.416	82	640221	93.611	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	205193	90.214	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1249803	89.349	ng	0.00
79) Terphenyl-d14	12.957	244	1437814	87.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	83383	36.185	ng	98
3) Pyridine	3.504	79	217410	40.740	ng	98
4) n-Nitrosodimethylamine	3.463	42	124818	46.396	ng	100
6) Aniline	6.516	93	226732	37.423	ng	88
8) 2-Chlorophenol	6.639	128	282059	48.348	ng	98
9) Benzaldehyde	6.404	77	77548	19.751	ng	98
10) Phenol	6.510	94	353241	48.099	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	264452	48.285	ng	99
12) 1,3-Dichlorobenzene	6.787	146	309924	46.621	ng	97
13) 1,4-Dichlorobenzene	6.863	146	315484	46.753	ng	98
14) 1,2-Dichlorobenzene	7.016	146	296691	46.601	ng	99
15) Benzyl Alcohol	6.998	79	264368	52.180	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	337182	52.261	ng	87
17) 2-Methylphenol	7.116	107	229061	49.178	ng	97
18) Hexachloroethane	7.351	117	119004	47.373	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	209727	49.342	ng	99
20) 3+4-Methylphenols	7.269	107	301578	48.828	ng	96
22) Acetophenone	7.263	105	410853	48.000	ng	99
24) Nitrobenzene	7.434	77	322230	45.990	ng	99
25) Isophorone	7.675	82	568072	49.573	ng	99
26) 2-Nitrophenol	7.751	139	157531	48.818	ng	99
27) 2,4-Dimethylphenol	7.792	122	219313	58.195	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	341045	47.651	ng	98
29) 2,4-Dichlorophenol	7.998	162	247029	47.479	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	264609	44.365	ng	99
31) Naphthalene	8.151	128	870182	46.297	ng	100
32) Benzoic acid	7.945	122	159110	44.517	ng	99
33) 4-Chloroaniline	8.204	127	137031	21.951	ng	98
34) Hexachlorobutadiene	8.257	225	178984	44.603	ng	99
35) Caprolactam	8.586	113	70611m	45.587	ng	
36) 4-Chloro-3-methylphenol	8.704	107	263488	44.995	ng	100
37) 2-Methylnaphthalene	8.839	142	553045	44.481	ng	100
38) 1-Methylnaphthalene	8.939	142	513384	41.751	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	276446	46.768	ng	99
41) Hexachlorocyclopentadiene	8.986	237	156438	76.139	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	168094	46.442	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140868.D
 Acq On : 16 Dec 2024 18:53
 Operator : RC/JU
 Sample : PB165479BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Quant Time: Dec 17 00:04:11 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

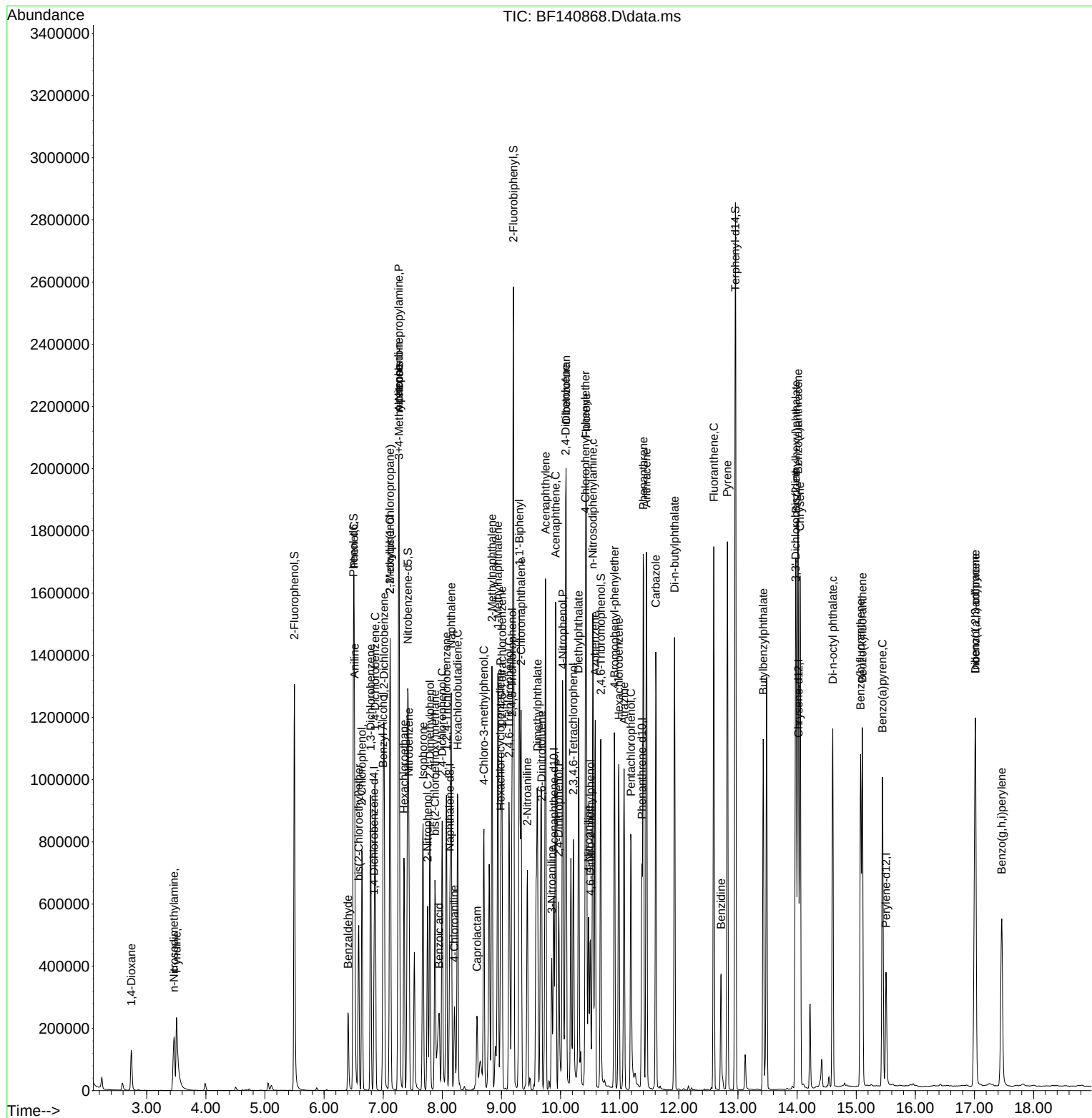
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	177785	44.689	ng	98
46) 1,1'-Biphenyl	9.304	154	715622	46.796	ng	99
47) 2-Chloronaphthalene	9.333	162	527819	45.117	ng	99
48) 2-Nitroaniline	9.439	65	173045	48.977	ng	96
49) Acenaphthylene	9.745	152	877529	51.042	ng	100
50) Dimethylphthalate	9.610	163	654423	48.267	ng	100
51) 2,6-Dinitrotoluene	9.680	165	145672	46.997	ng	93
52) Acenaphthene	9.916	154	530795	48.332	ng	99
53) 3-Nitroaniline	9.851	138	93662	30.449	ng	99
54) 2,4-Dinitrophenol	9.969	184	131838	86.587	ng	98
55) Dibenzofuran	10.092	168	782609	45.988	ng	99
56) 4-Nitrophenol	10.039	139	174902	104.279	ng	98
57) 2,4-Dinitrotoluene	10.086	165	188769	46.287	ng	97
58) Fluorene	10.433	166	647471	46.118	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	163265	50.364	ng	98
60) Diethylphthalate	10.304	149	667542	47.479	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	321077	45.528	ng	99
62) 4-Nitroaniline	10.475	138	142602	44.363	ng	99
63) Azobenzene	10.586	77	626965	47.434	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	102430	48.057	ng	98
66) n-Nitrosodiphenylamine	10.545	169	569807	49.272	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	210022	49.910	ng	99
68) Hexachlorobenzene	10.986	284	210599	44.142	ng	100
69) Atrazine	11.074	200	187378	58.014	ng	98
70) Pentachlorophenol	11.192	266	170937	97.998	ng	98
71) Phenanthrene	11.398	178	962127	49.741	ng	99
72) Anthracene	11.451	178	979319	51.411	ng	100
73) Carbazole	11.610	167	830060	44.488	ng	100
74) Di-n-butylphthalate	11.927	149	1056427	48.245	ng	100
75) Fluoranthene	12.592	202	1028945	46.190	ng	99
77) Benzidine	12.716	184	227710	43.038	ng	100
78) Pyrene	12.821	202	1042499	45.223	ng	100
80) Butylbenzylphthalate	13.427	149	371847	43.838	ng	100
81) Benzo(a)anthracene	14.015	228	897845	48.868	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	182319	32.891	ng	100
83) Chrysene	14.051	228	830787	49.727	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	564719	51.633	ng	99
85) Di-n-octyl phthalate	14.604	149	797783	48.214	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	691365	51.000	ng	100
88) Benzo(b)fluoranthene	15.074	252	733377	48.635	ng	99
89) Benzo(k)fluoranthene	15.104	252	578569	44.729	ng	100
90) Benzo(a)pyrene	15.445	252	624207	52.865	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	573851	51.097	ng	99
92) Benzo(g,h,i)perylene	17.462	276	521641	45.637	ng	99

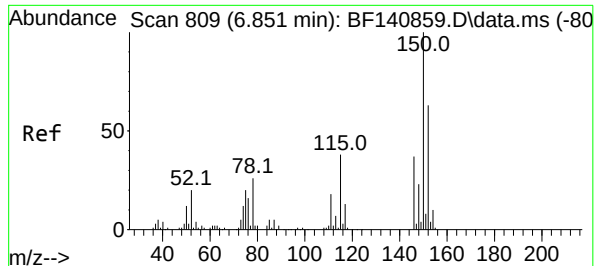
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140868.D
Acq On : 16 Dec 2024 18:53
Operator : RC/JU
Sample : PB165479BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165479BSD

Quant Time: Dec 17 00:04:11 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

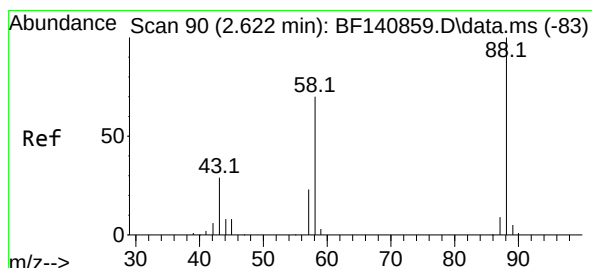
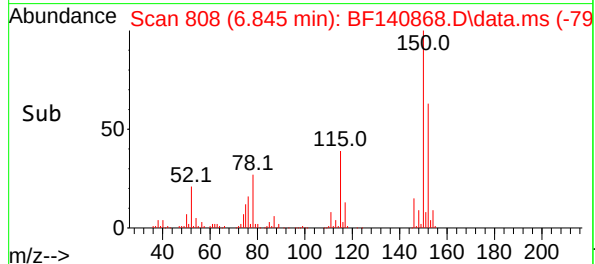
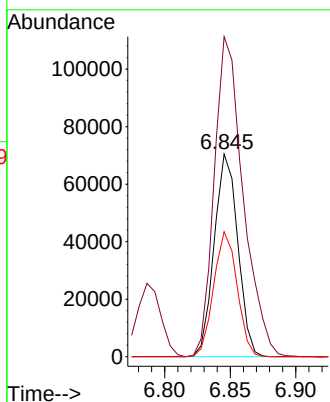
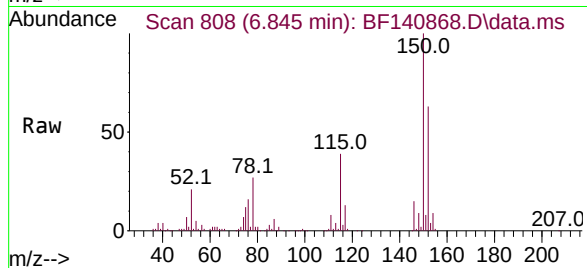




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

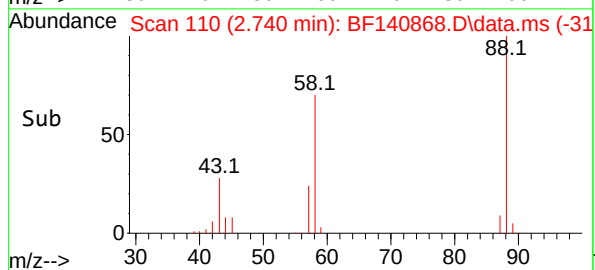
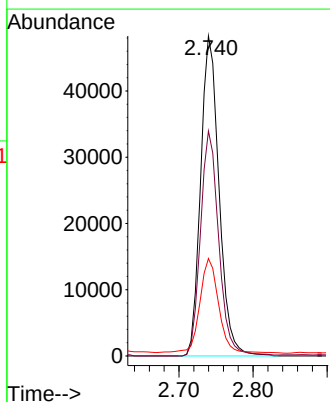
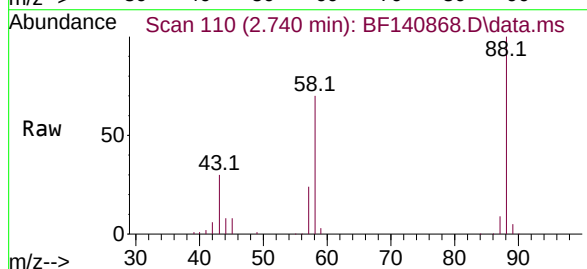
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

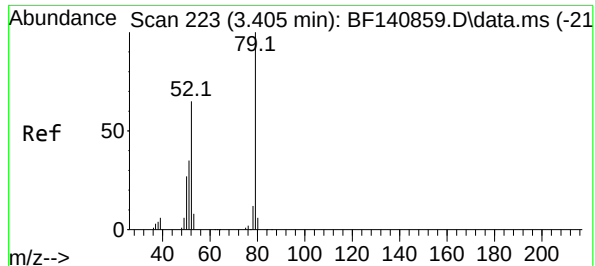
Tgt Ion:152 Resp: 88068
Ion Ratio Lower Upper
152 100
150 158.0 127.9 191.9
115 61.7 48.0 72.0



#2
1,4-Dioxane
Concen: 36.185 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.117 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 88 Resp: 83383
Ion Ratio Lower Upper
88 100
58 70.1 55.8 83.8
43 30.8 22.7 34.1





#3

Pyridine

Concen: 40.740 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

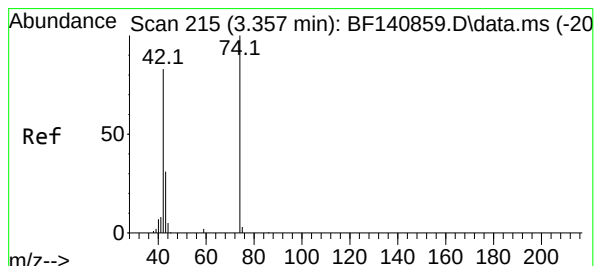
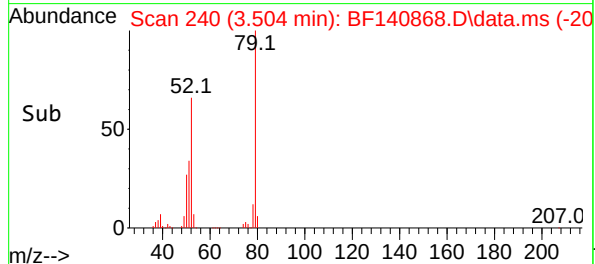
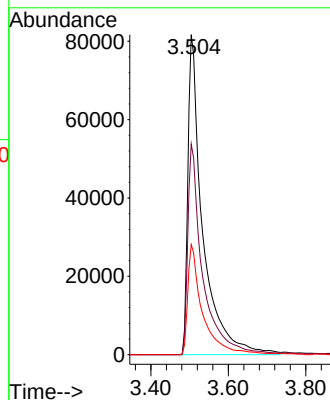
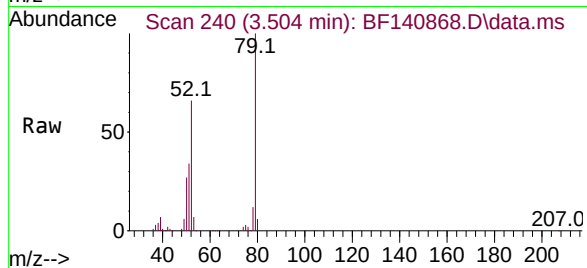
Tgt Ion: 79 Resp: 217410

Ion Ratio Lower Upper

79 100

52 65.9 51.7 77.5

51 34.4 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 46.396 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.106 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

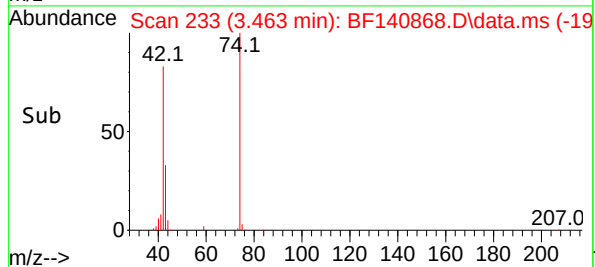
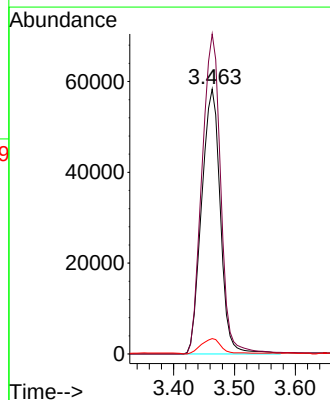
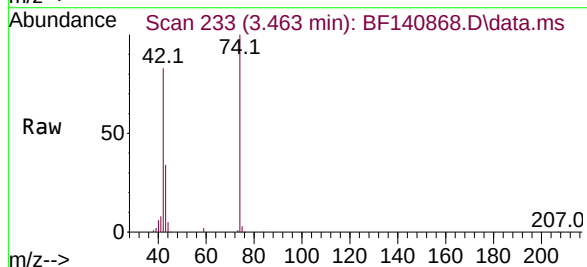
Tgt Ion: 42 Resp: 124818

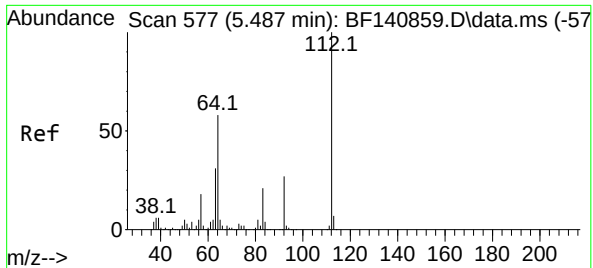
Ion Ratio Lower Upper

42 100

74 120.8 96.9 145.3

44 5.8 4.4 6.6

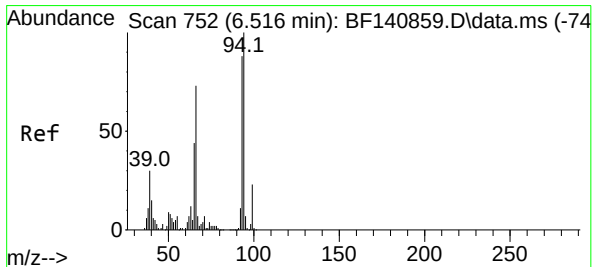
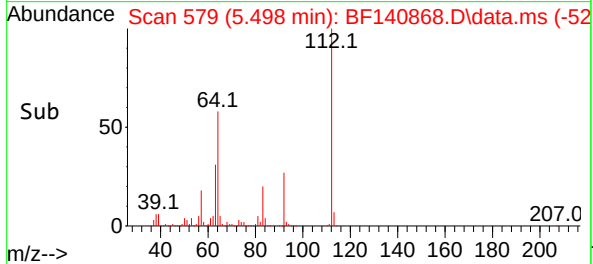
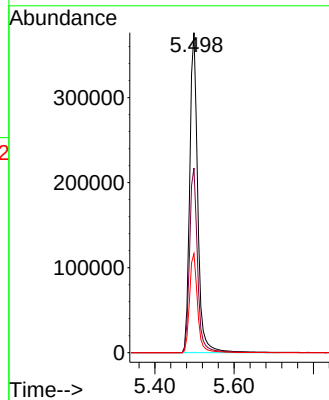
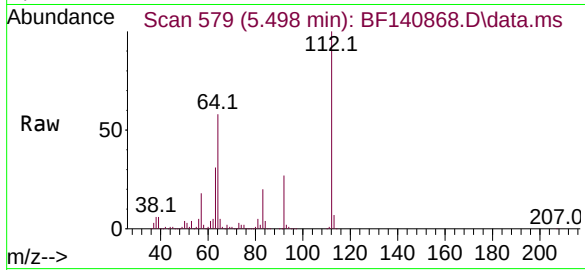




#5
2-Fluorophenol
Concen: 99.226 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

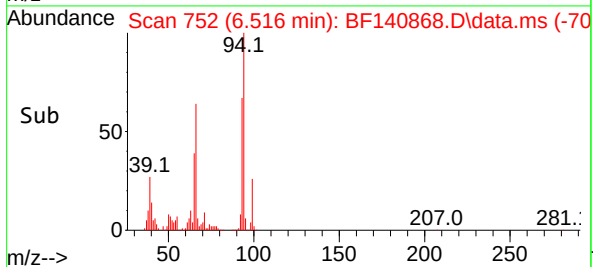
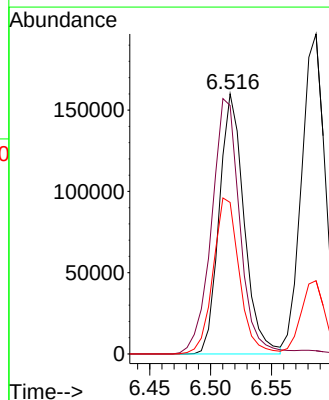
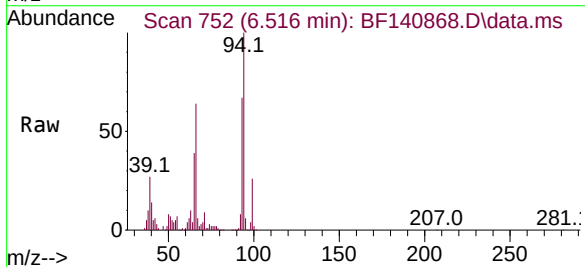
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

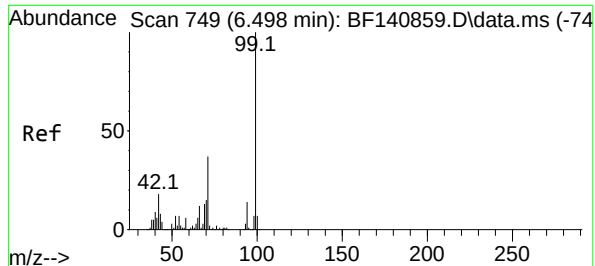
Tgt Ion:112 Resp: 530843
Ion Ratio Lower Upper
112 100
64 57.7 46.1 69.1
63 31.0 24.9 37.3



#6
Aniline
Concen: 37.423 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 93 Resp: 226732
Ion Ratio Lower Upper
93 100
66 95.5 67.0 100.4
65 58.3 40.4 60.6

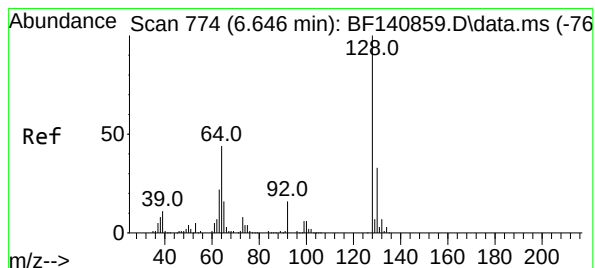
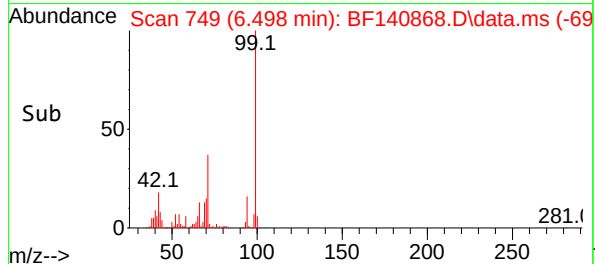
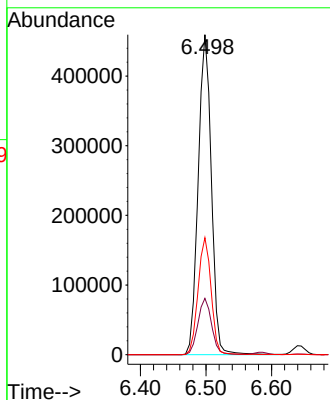
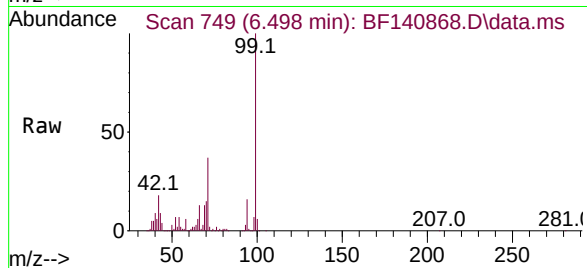




#7
Phenol-d6
Concen: 90.703 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

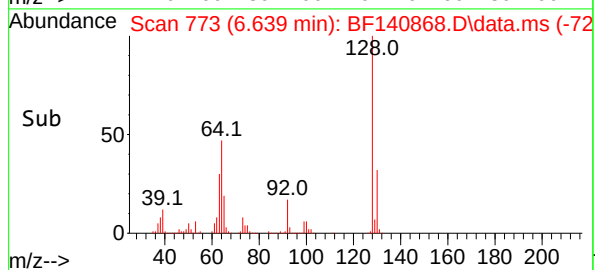
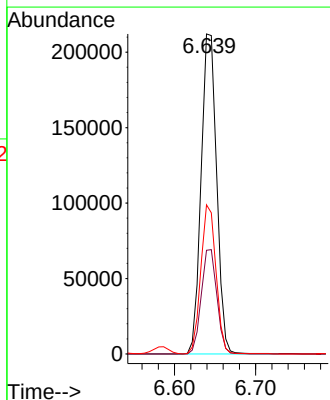
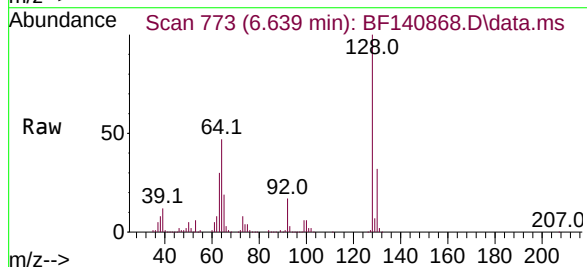
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

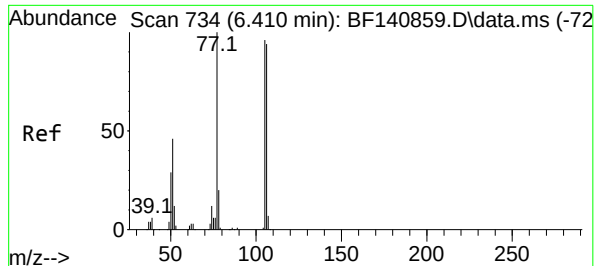
Tgt Ion: 99 Resp: 642708
Ion Ratio Lower Upper
99 100
42 17.6 14.3 21.5
71 36.6 29.9 44.9



#8
2-Chlorophenol
Concen: 48.348 ng
RT: 6.639 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 128 Resp: 282059
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 46.6 24.3 64.3

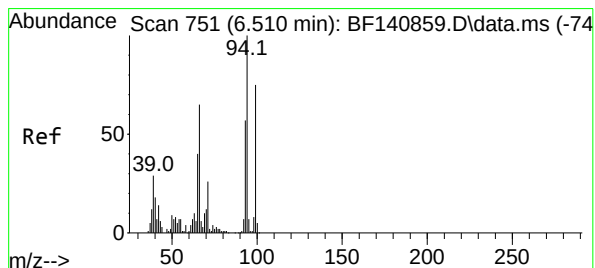
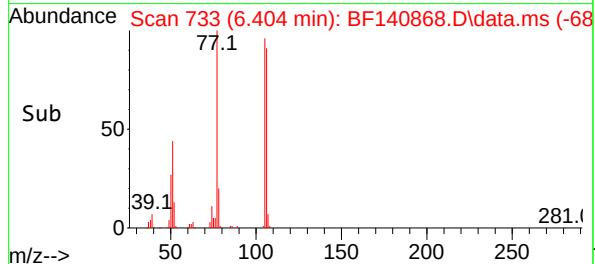
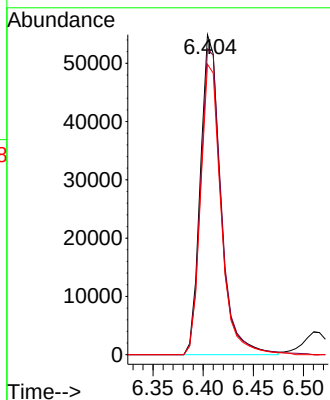
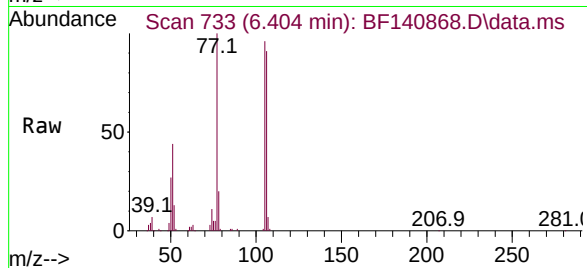




#9
Benzaldehyde
Concen: 19.751 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

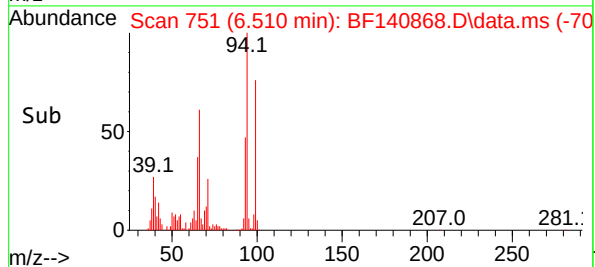
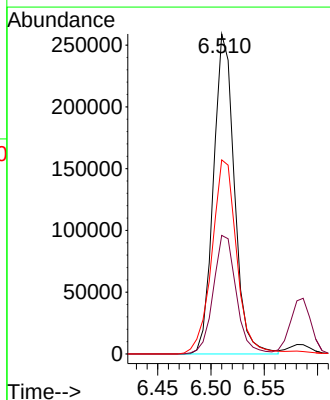
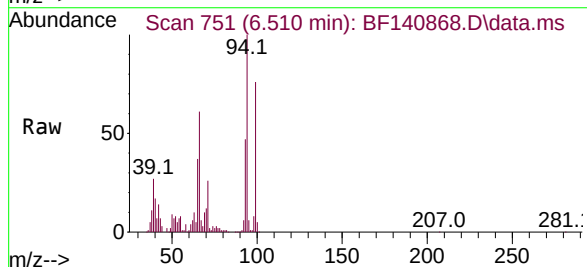
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

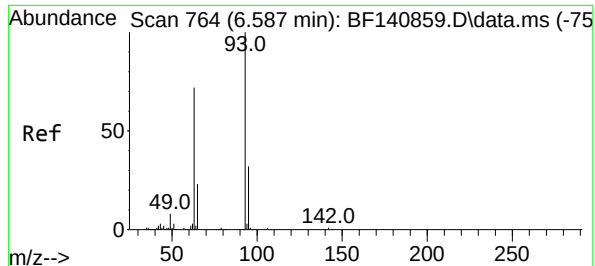
Tgt Ion: 77 Resp: 77548
Ion Ratio Lower Upper
77 100
105 95.6 75.8 115.8
106 90.7 74.1 114.1



#10
Phenol
Concen: 48.099 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 94 Resp: 353241
Ion Ratio Lower Upper
94 100
65 37.0 19.9 59.9
66 60.7 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 48.285 ng

RT: 6.587 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

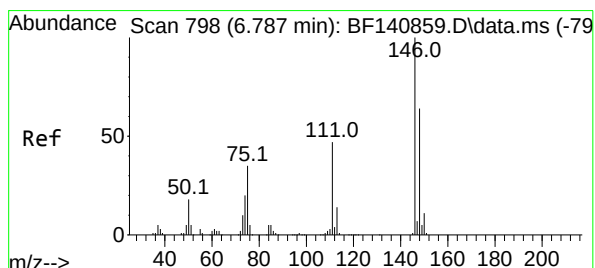
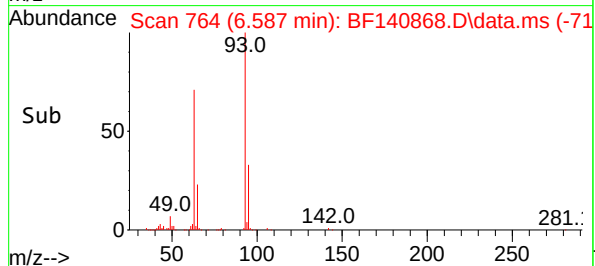
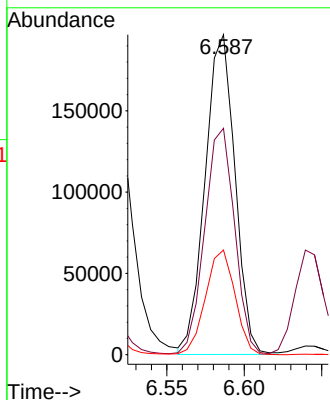
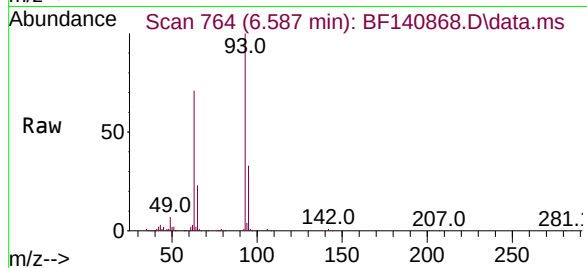
Tgt Ion: 93 Resp: 264452

Ion Ratio Lower Upper

93 100

63 70.7 51.0 91.0

95 32.7 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 46.621 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

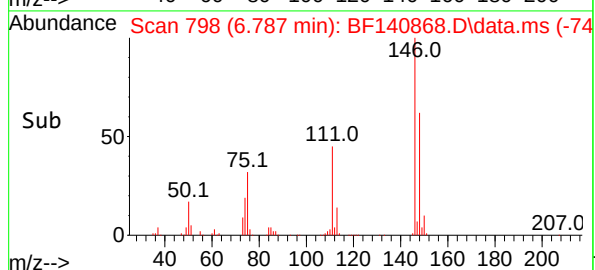
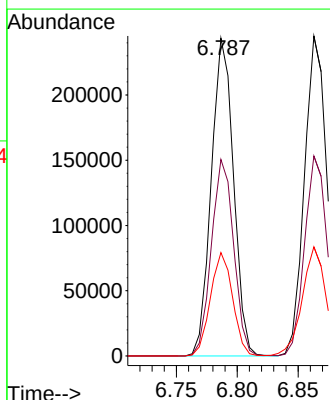
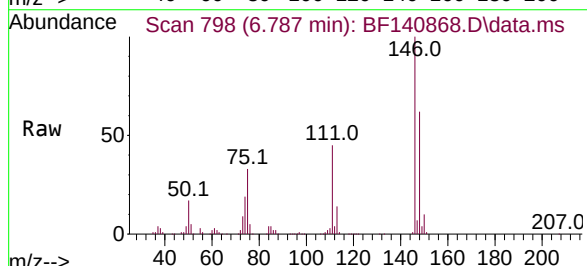
Tgt Ion:146 Resp: 309924

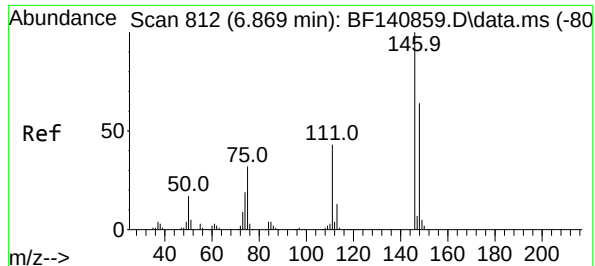
Ion Ratio Lower Upper

146 100

148 61.8 51.0 76.6

75 32.5 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 46.753 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

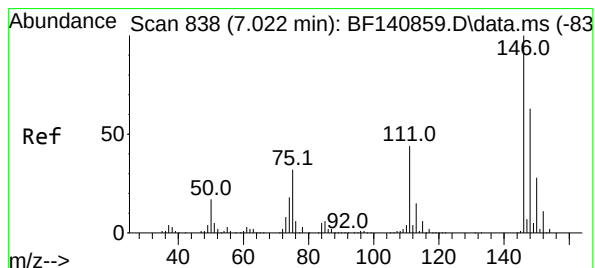
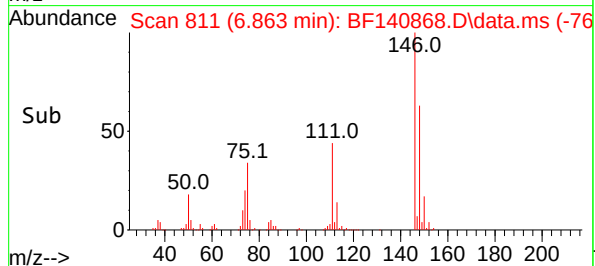
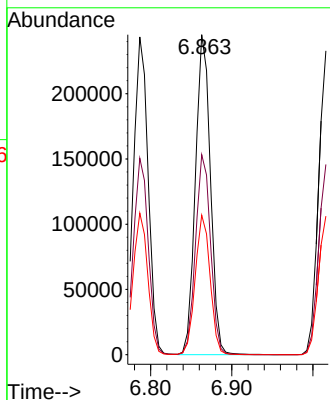
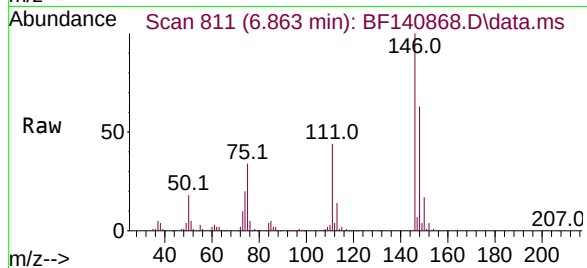
Tgt Ion:146 Resp: 315484

Ion Ratio Lower Upper

146 100

148 62.5 51.3 76.9

111 43.6 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 46.601 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

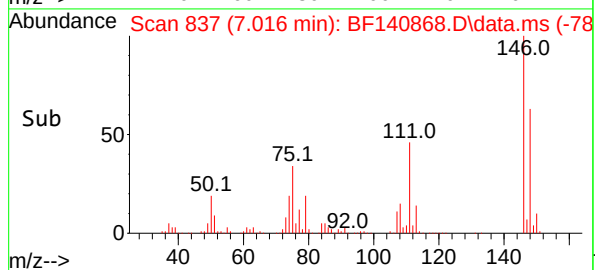
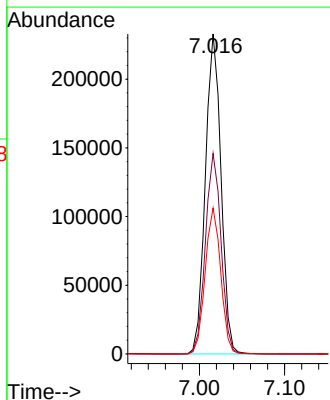
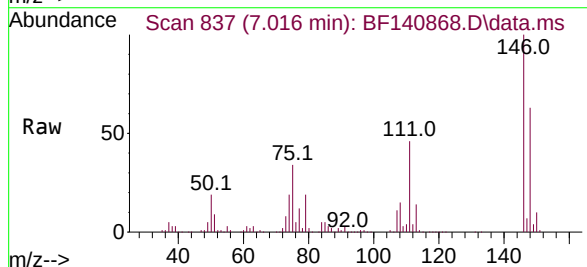
Tgt Ion:146 Resp: 296691

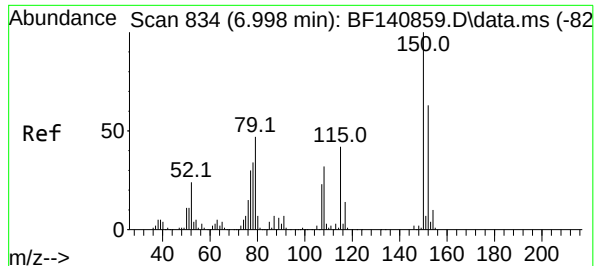
Ion Ratio Lower Upper

146 100

148 62.6 50.0 75.0

111 45.6 35.6 53.4





#15

Benzyl Alcohol

Concen: 52.180 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

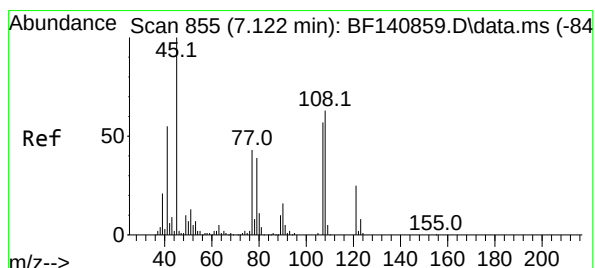
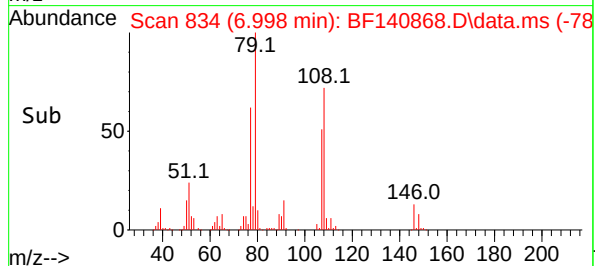
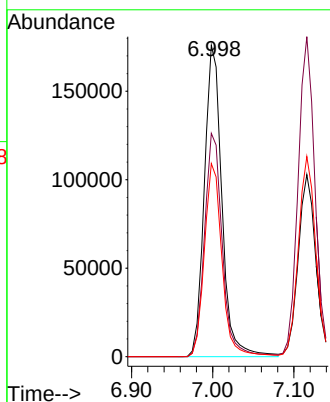
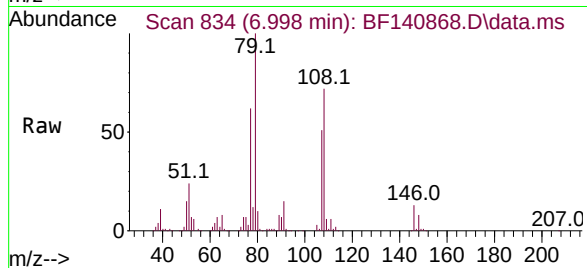
Tgt Ion: 79 Resp: 264368

Ion Ratio Lower Upper

79 100

108 71.7 55.1 82.7

77 62.0 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.261 ng

RT: 7.116 min Scan# 854

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

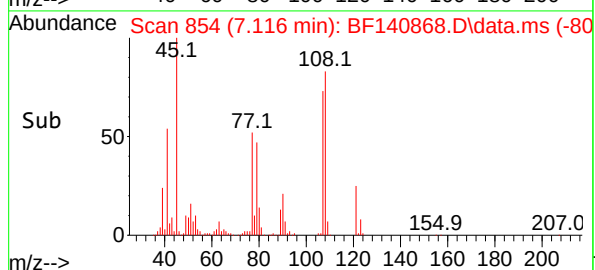
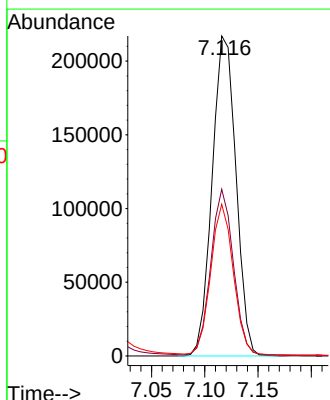
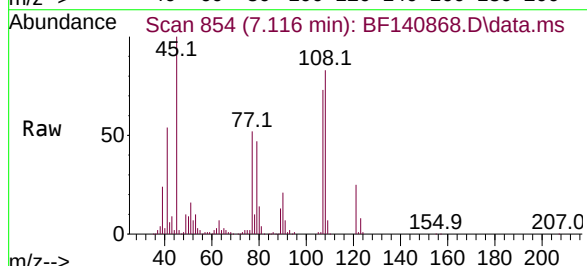
Tgt Ion: 45 Resp: 337182

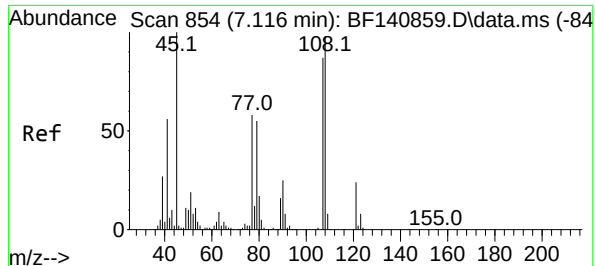
Ion Ratio Lower Upper

45 100

77 52.1 23.3 63.3

79 47.4 20.0 60.0

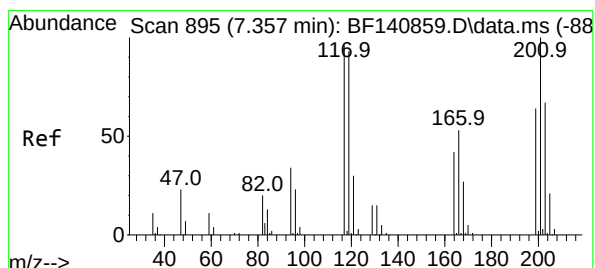
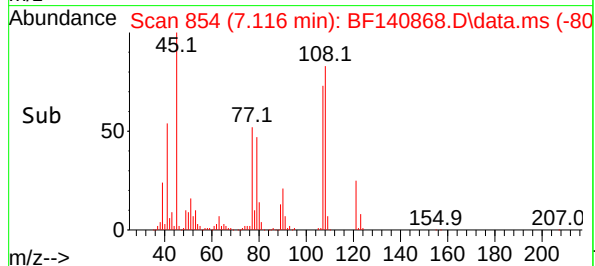
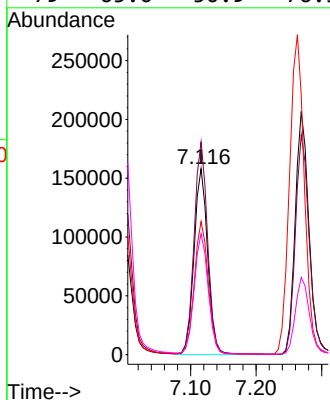
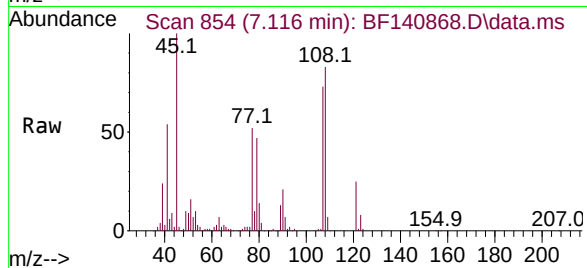




#17
2-Methylphenol
Concen: 49.178 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

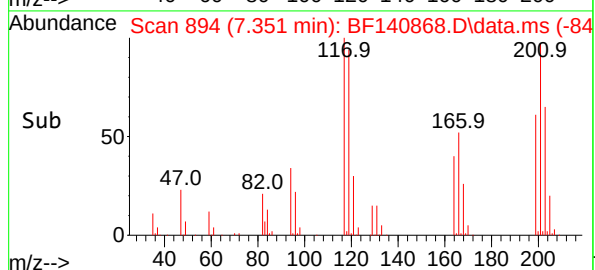
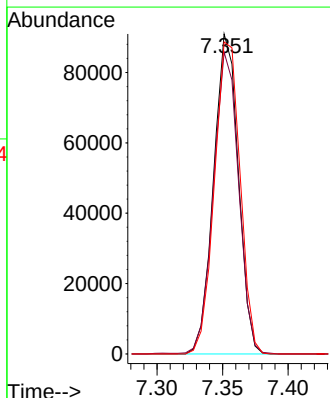
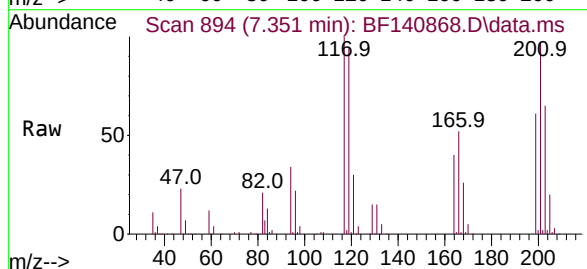
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

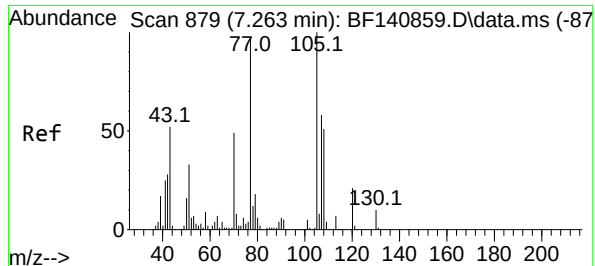
Tgt Ion:	107	Resp:	229061
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.2	135.4
77	71.5	53.8	80.6
79	65.0	50.9	76.3



#18
Hexachloroethane
Concen: 47.373 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:	117	Resp:	119004
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	97.5	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 49.342 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion: 70 Resp: 209727

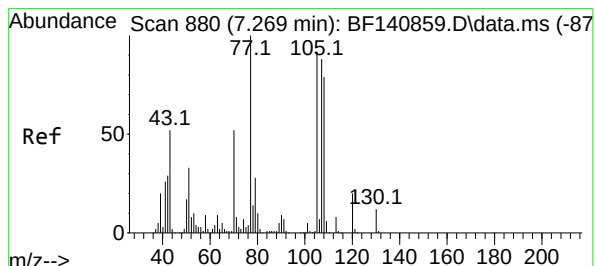
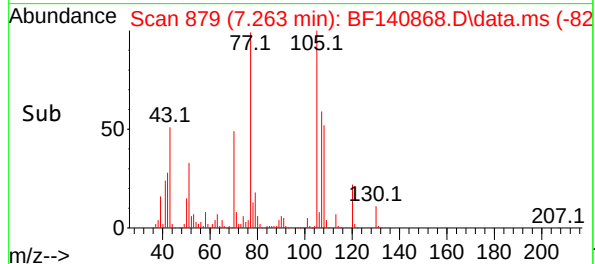
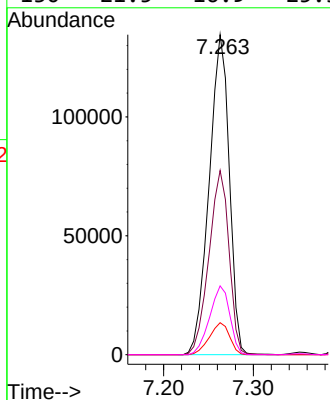
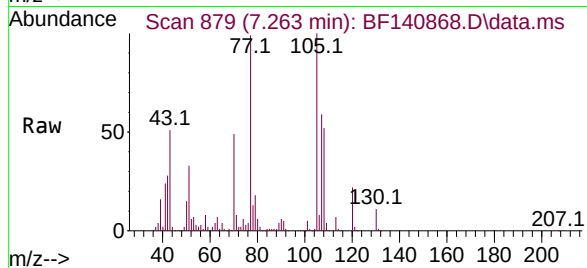
Ion Ratio Lower Upper

70 100

42 57.6 45.3 67.9

101 10.0 8.0 12.0

130 21.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 48.828 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Tgt Ion: 107 Resp: 301578

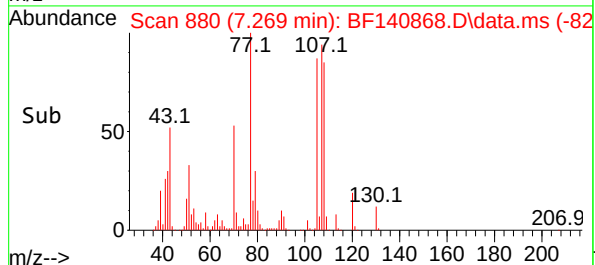
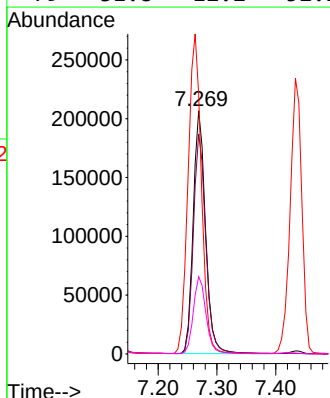
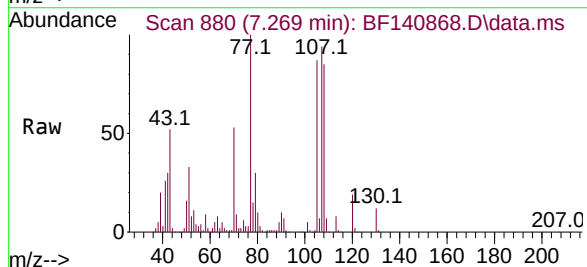
Ion Ratio Lower Upper

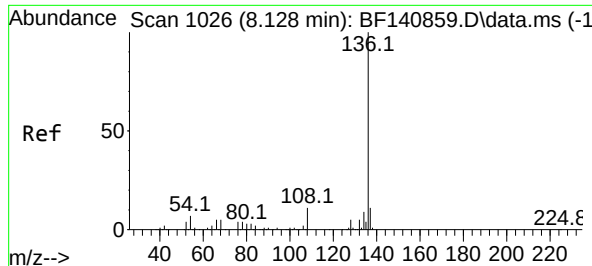
107 100

108 90.5 70.1 110.1

77 106.7 94.4 134.4

79 31.8 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: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:136 Resp: 342169

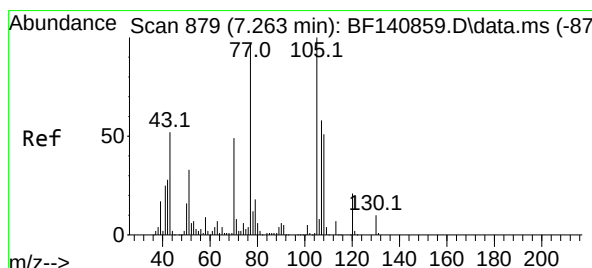
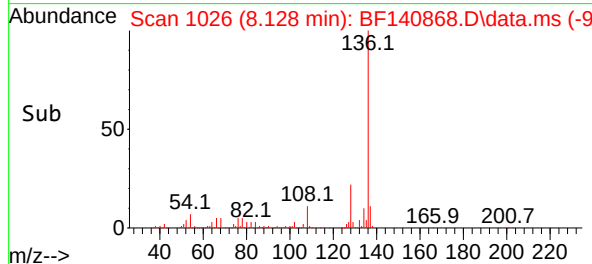
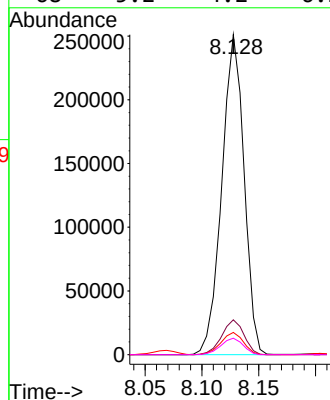
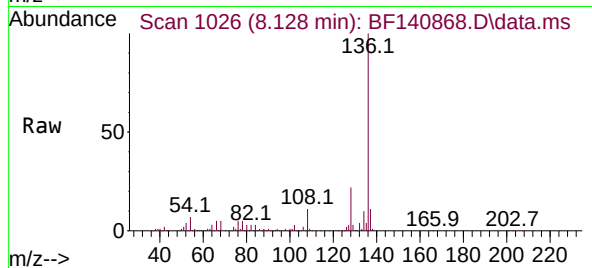
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.9 5.6 8.4

68 5.2 4.2 6.2



#22

Acetophenone

Concen: 48.000 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Tgt Ion:105 Resp: 410853

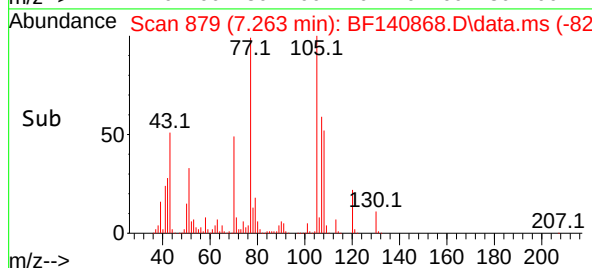
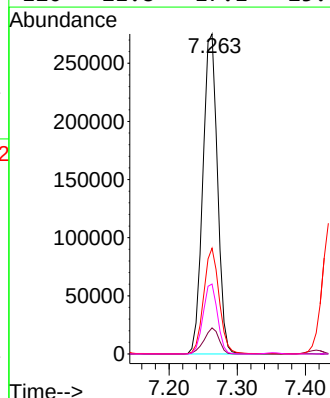
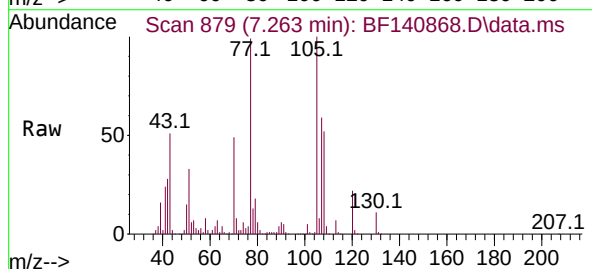
Ion Ratio Lower Upper

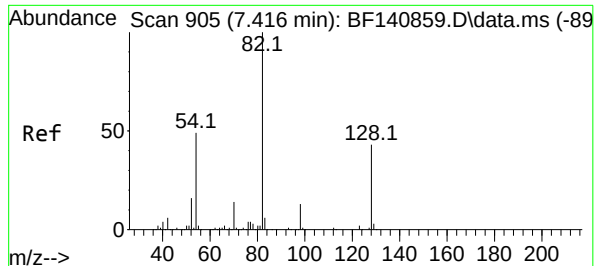
105 100

71 8.2 6.2 9.4

51 33.0 26.3 39.5

120 21.8 17.1 25.7





#23

Nitrobenzene-d5

Concen: 93.611 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

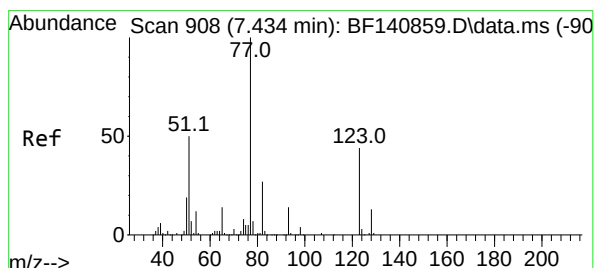
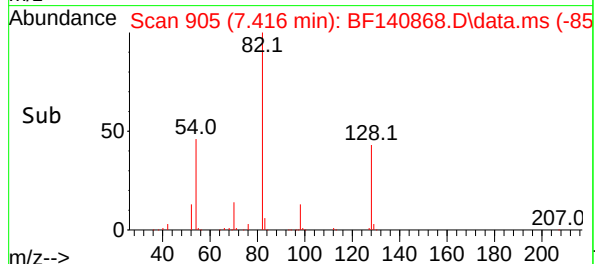
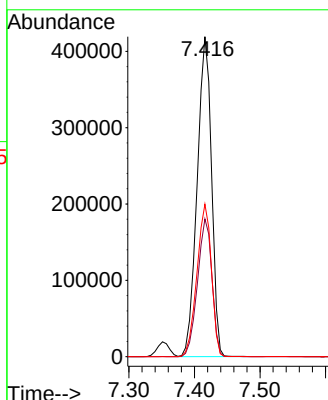
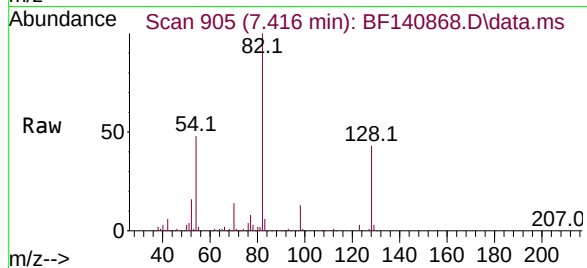
Tgt Ion: 82 Resp: 640221

Ion Ratio Lower Upper

82 100

128 43.0 34.4 51.6

54 47.6 38.8 58.2



#24

Nitrobenzene

Concen: 45.990 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

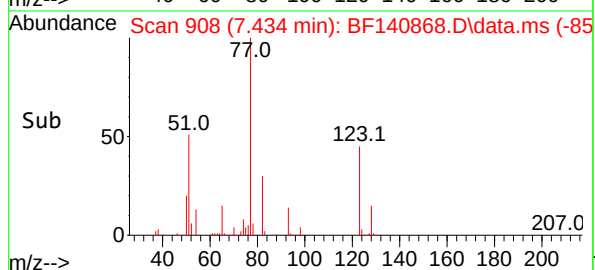
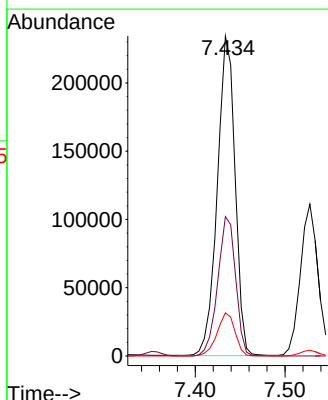
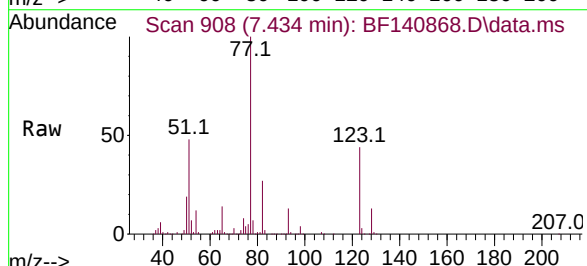
Tgt Ion: 77 Resp: 322230

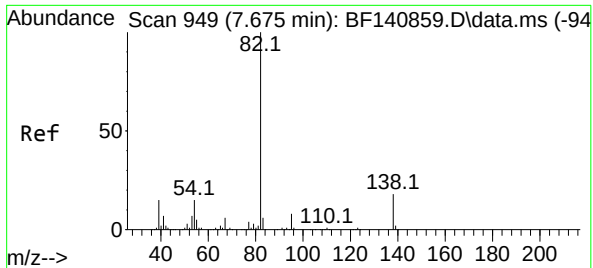
Ion Ratio Lower Upper

77 100

123 43.5 35.0 52.4

65 13.5 11.4 17.0

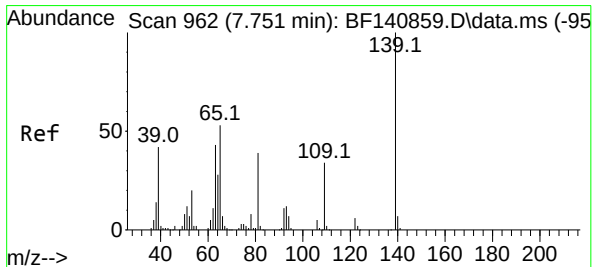
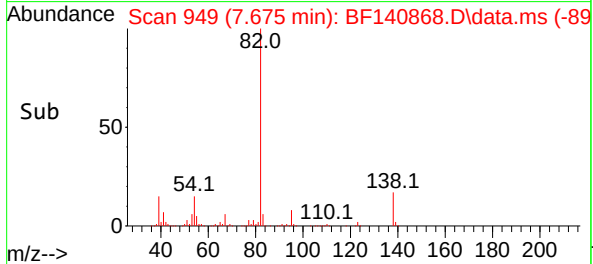
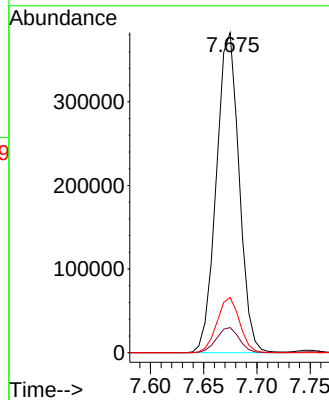
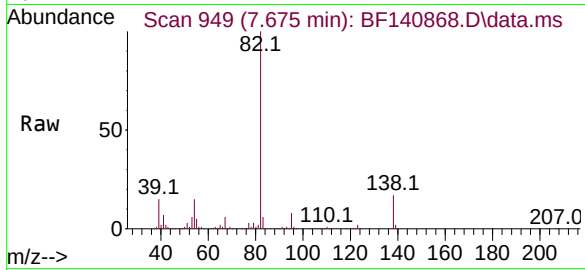




#25
Isophorone
Concen: 49.573 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

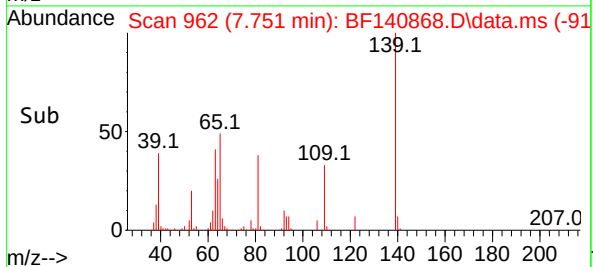
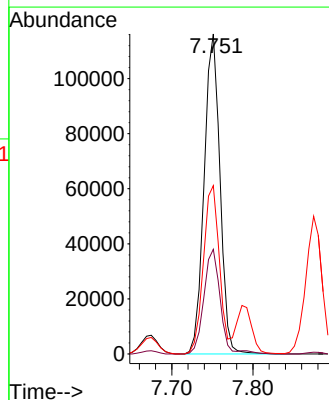
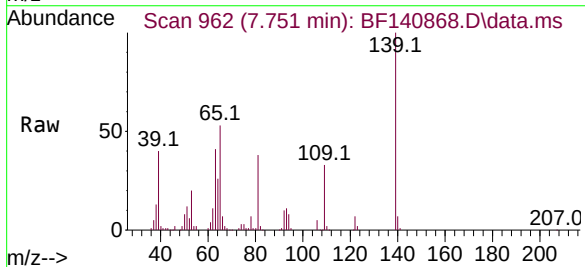
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

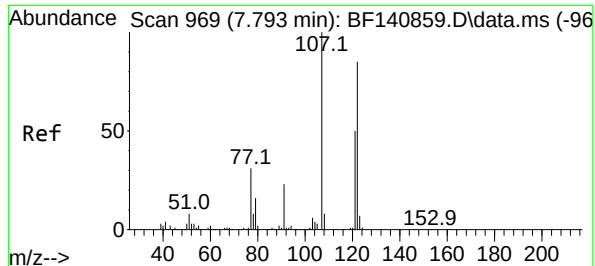
Tgt Ion: 82 Resp: 568072
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.3 14.1 21.1



#26
2-Nitrophenol
Concen: 48.818 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 139 Resp: 157531
Ion Ratio Lower Upper
139 100
109 32.7 26.9 40.3
65 52.6 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 58.195 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

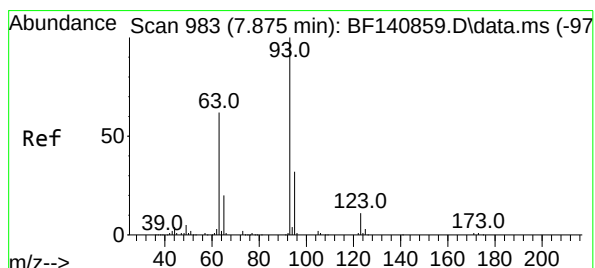
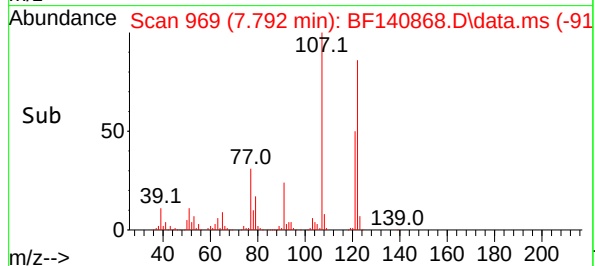
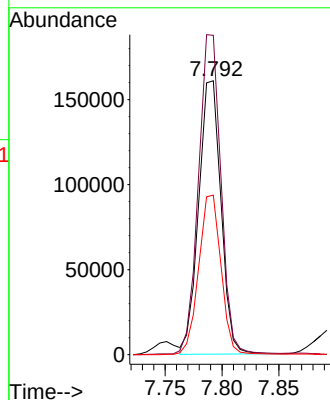
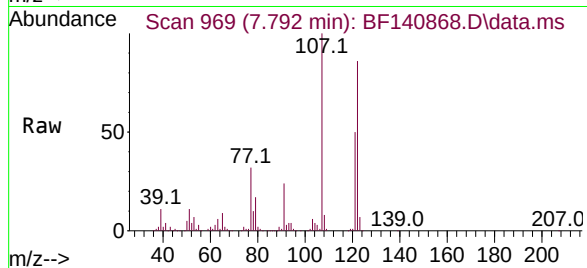
Tgt Ion:122 Resp: 219313

Ion Ratio Lower Upper

122 100

107 116.6 92.6 139.0

121 58.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 47.651 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

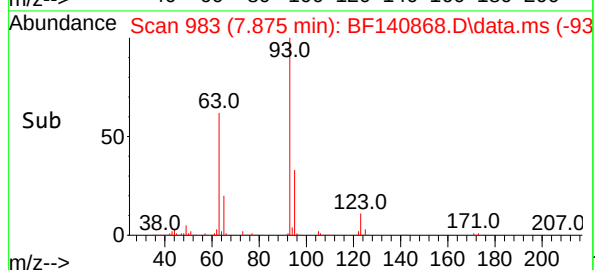
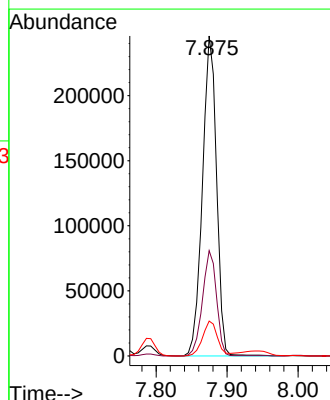
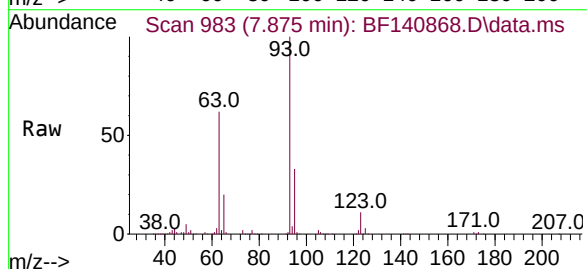
Tgt Ion: 93 Resp: 341045

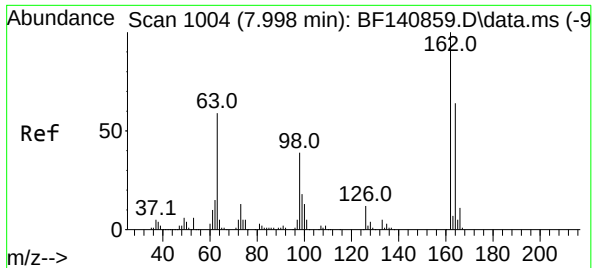
Ion Ratio Lower Upper

93 100

95 32.9 25.3 37.9

123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 47.479 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

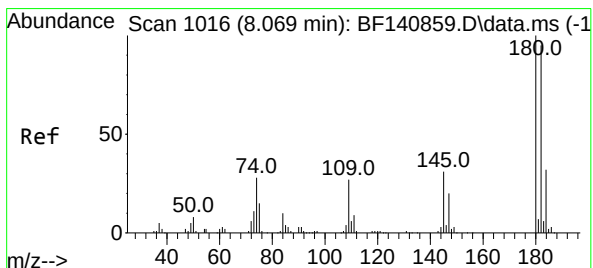
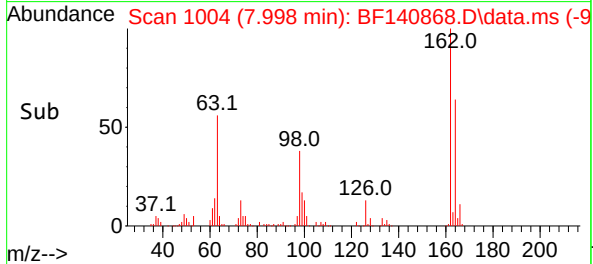
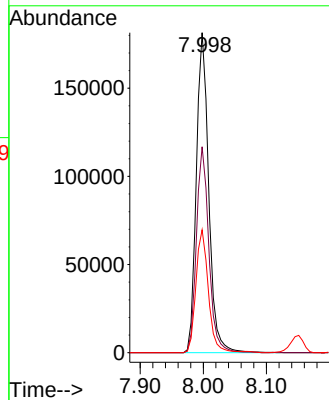
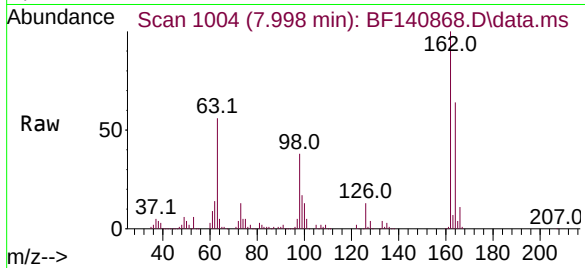
Tgt Ion:162 Resp: 247029

Ion Ratio Lower Upper

162 100

164 64.4 43.7 83.7

98 38.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 44.365 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

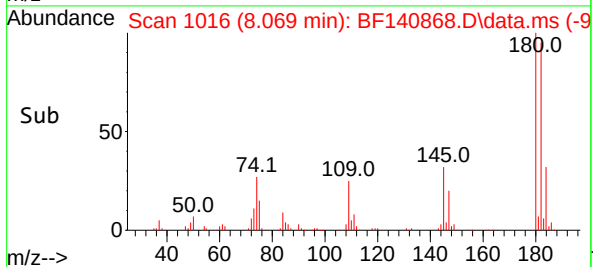
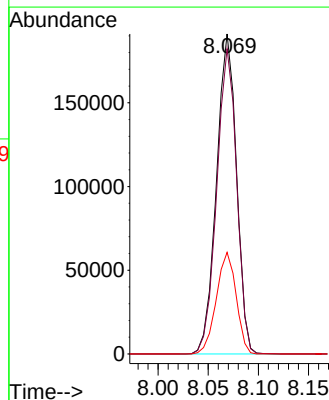
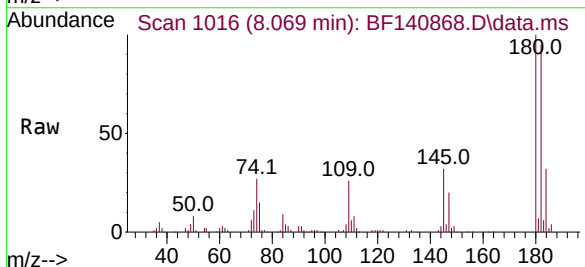
Tgt Ion:180 Resp: 264609

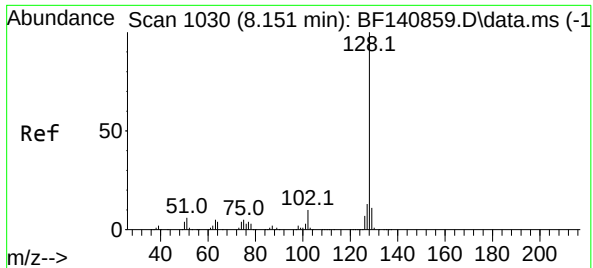
Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

145 31.8 25.2 37.8

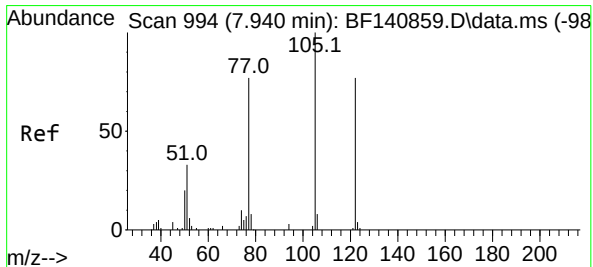
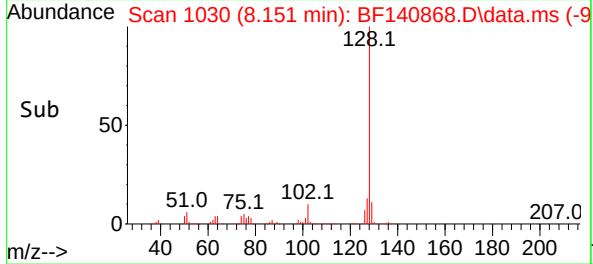
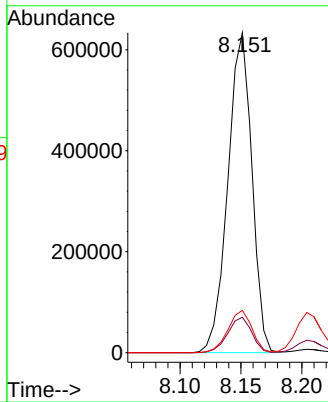
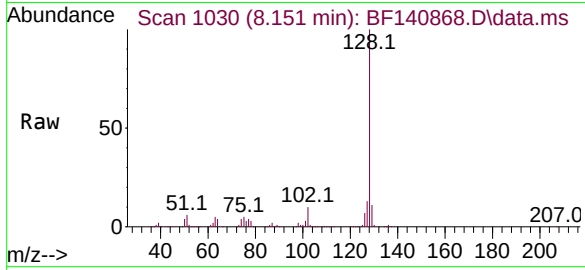




#31
Naphthalene
Concen: 46.297 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

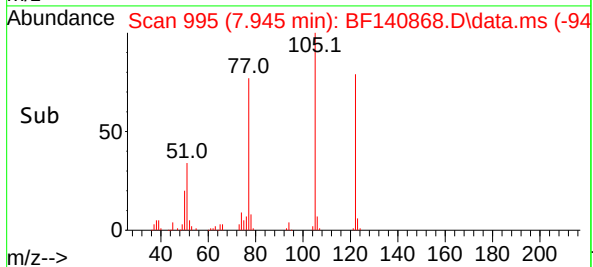
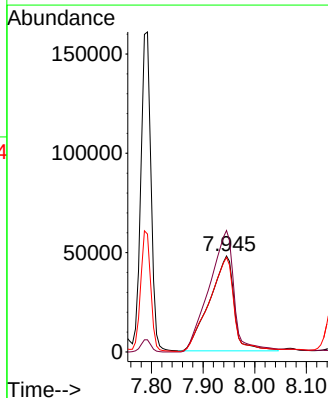
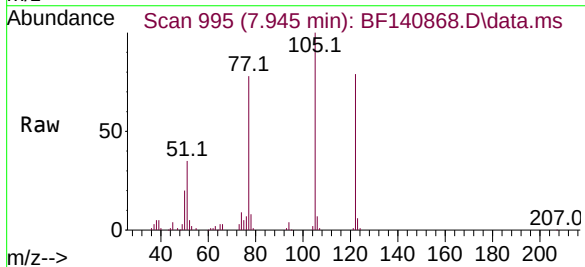
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

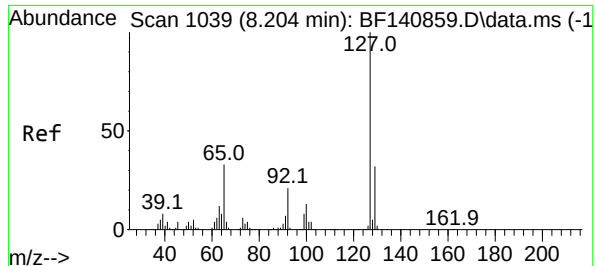
Tgt Ion:128 Resp: 870182
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 44.517 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:122 Resp: 159110
Ion Ratio Lower Upper
122 100
105 126.4 108.3 148.3
77 98.5 78.8 118.8





#33

4-Chloroaniline

Concen: 21.951 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:127 Resp: 137031

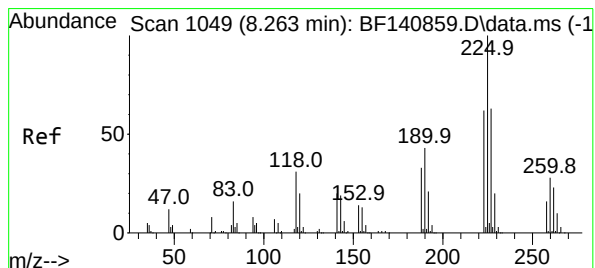
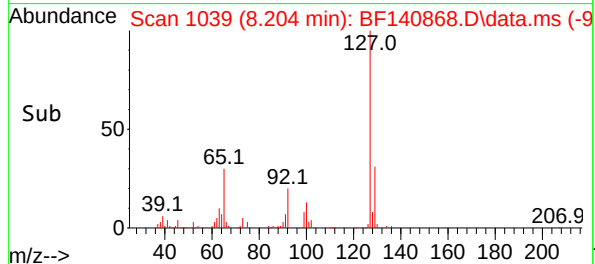
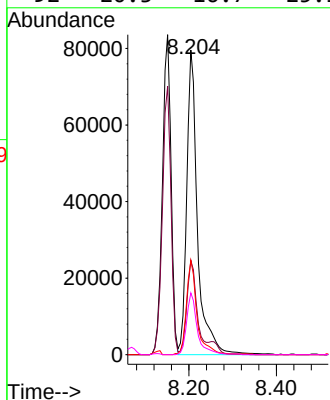
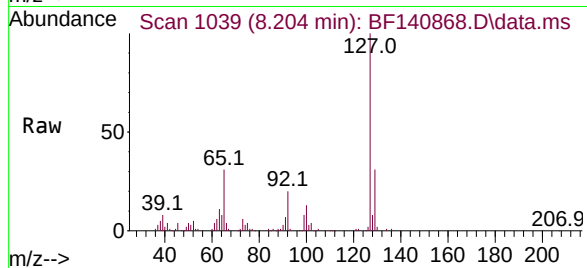
Ion Ratio Lower Upper

127 100

129 30.9 26.0 39.0

65 31.0 26.0 39.0

92 20.3 16.7 25.1



#34

Hexachlorobutadiene

Concen: 44.603 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

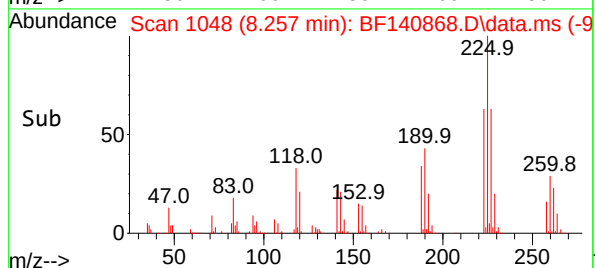
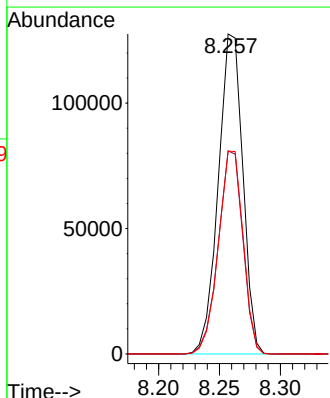
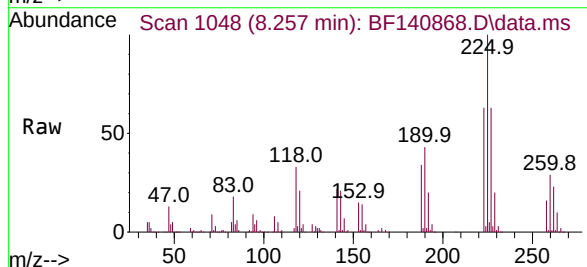
Tgt Ion:225 Resp: 178984

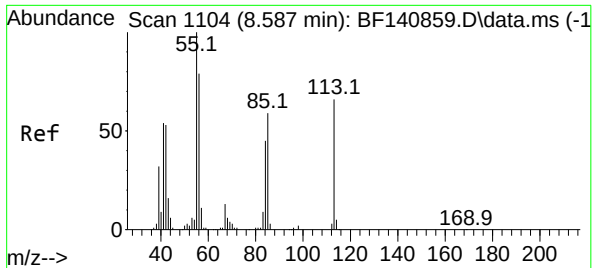
Ion Ratio Lower Upper

225 100

223 63.4 49.6 74.4

227 63.4 50.7 76.1





#35

Caprolactam

Concen: 45.587 ng m

RT: 8.586 min Scan# 1104

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

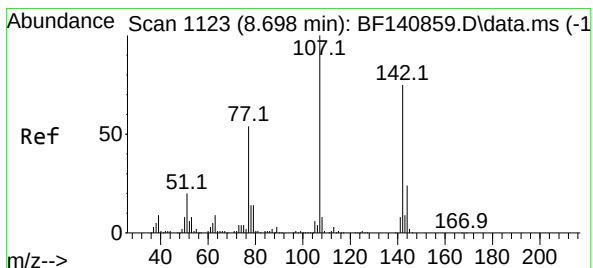
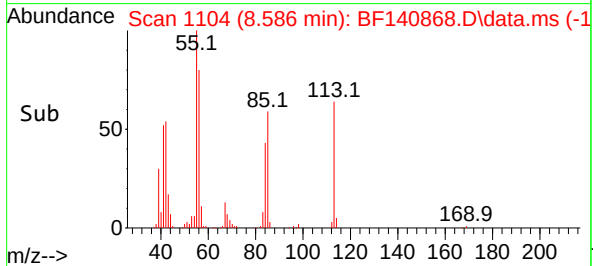
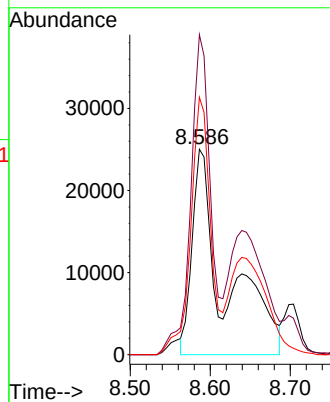
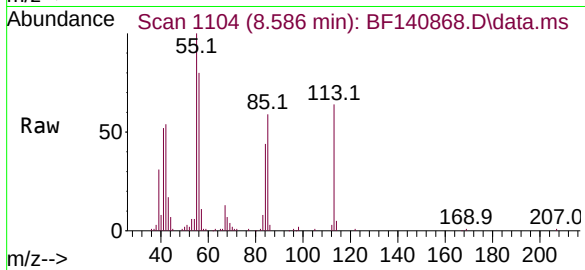
Tgt Ion:113 Resp: 70611

Ion Ratio Lower Upper

113 100

55 155.7 132.3 172.3

56 125.3 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 44.995 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

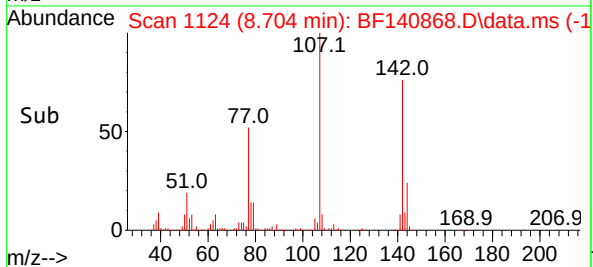
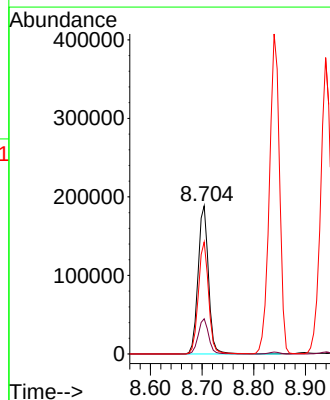
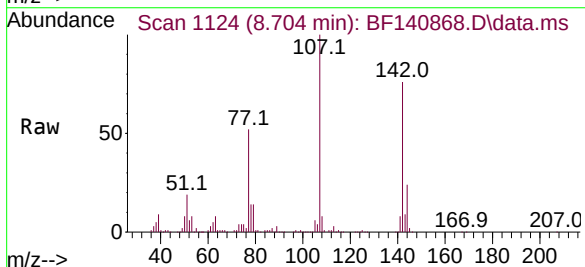
Tgt Ion:107 Resp: 263488

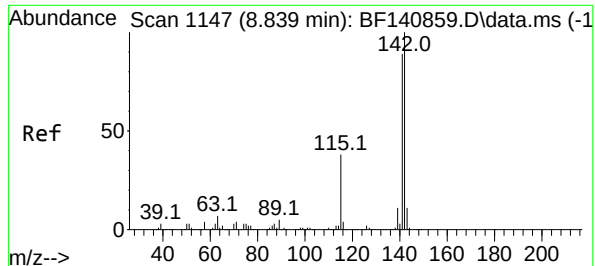
Ion Ratio Lower Upper

107 100

144 23.8 19.4 29.2

142 75.6 60.3 90.5





#37

2-Methylnaphthalene

Concen: 44.481 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

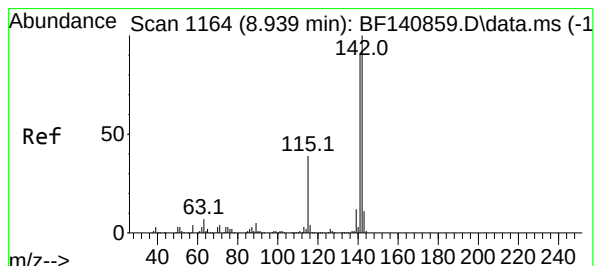
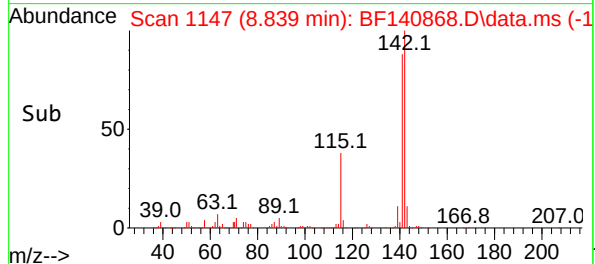
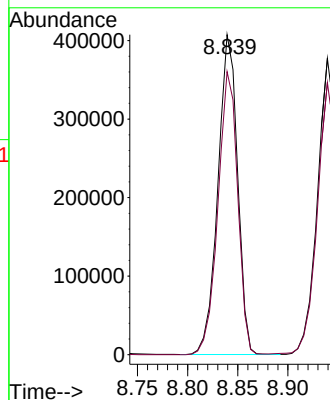
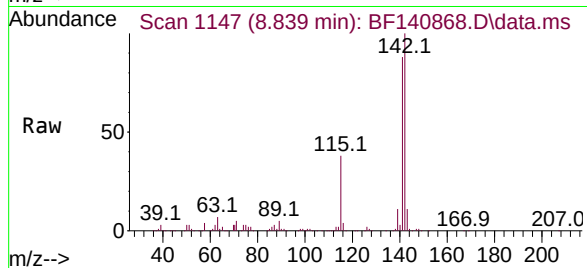
PB165479BSD

Tgt Ion:142 Resp: 553045

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 41.751 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140868.D

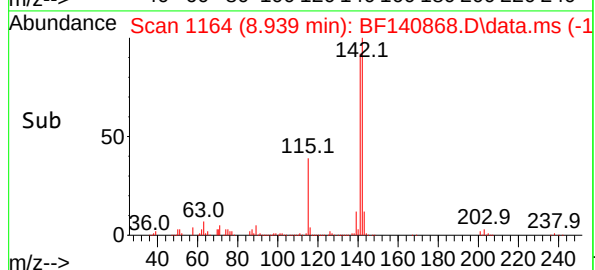
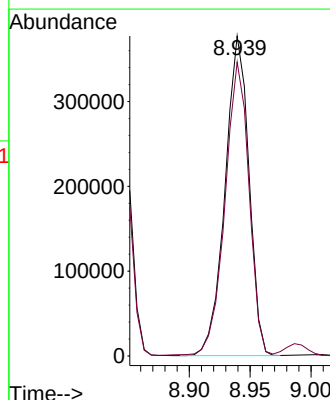
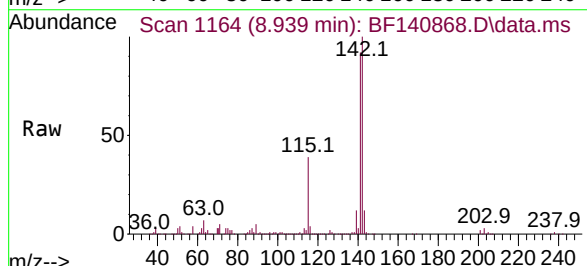
Acq: 16 Dec 2024 18:53

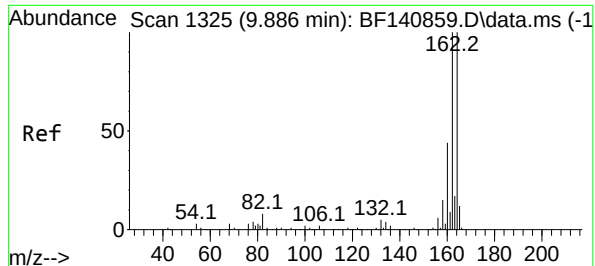
Tgt Ion:142 Resp: 513384

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# 11

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

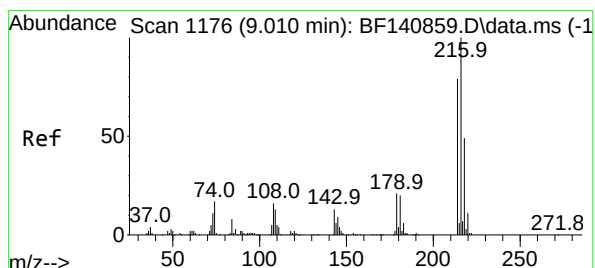
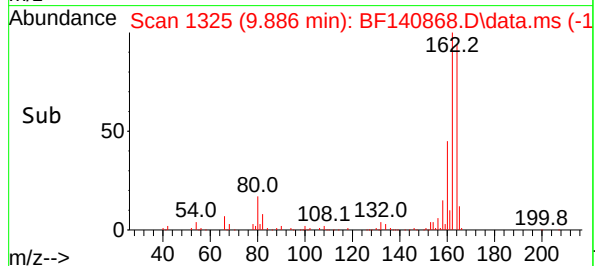
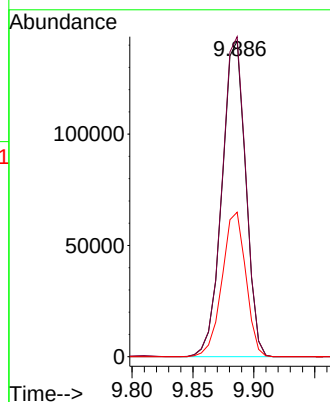
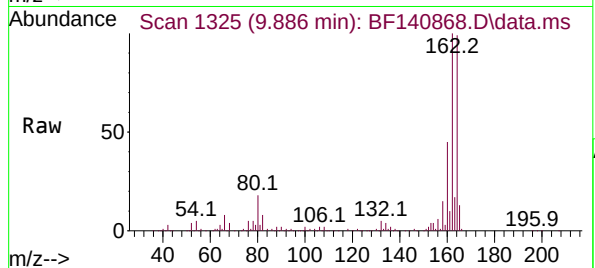
Tgt Ion:164 Resp: 192313

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

160 45.8 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.768 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Tgt Ion:216 Resp: 276446

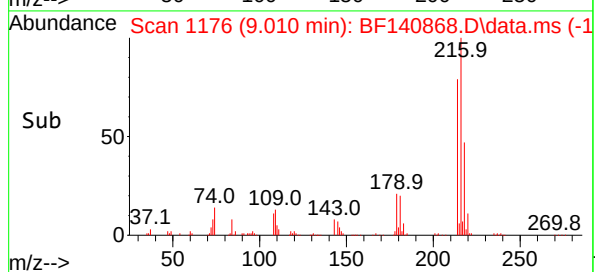
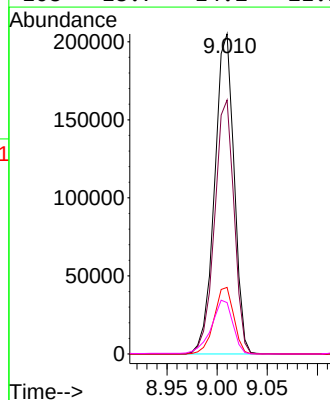
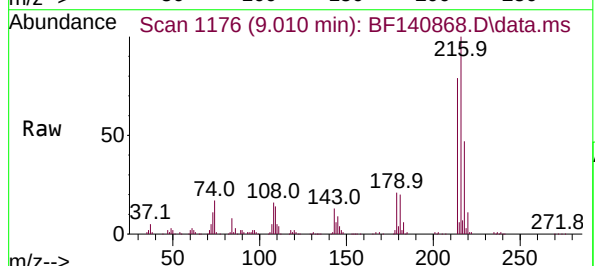
Ion Ratio Lower Upper

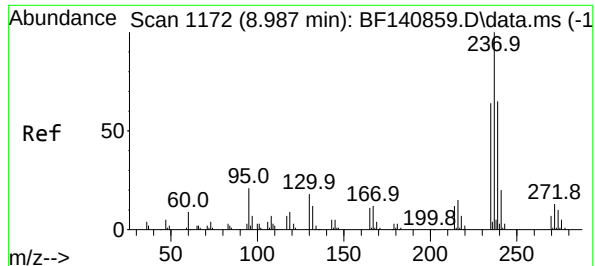
216 100

214 79.2 63.6 95.4

179 21.0 17.0 25.4

108 18.7 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 76.139 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.001 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

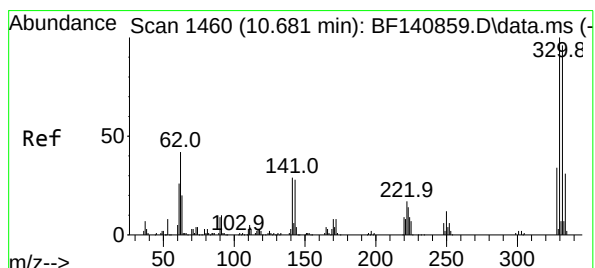
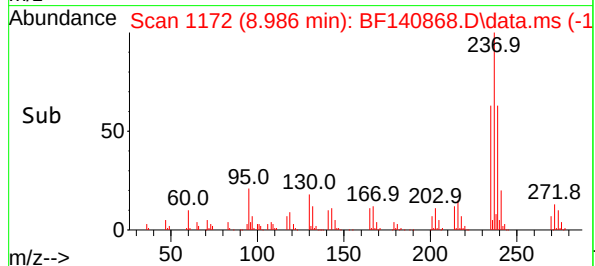
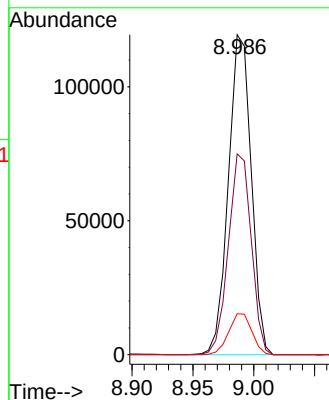
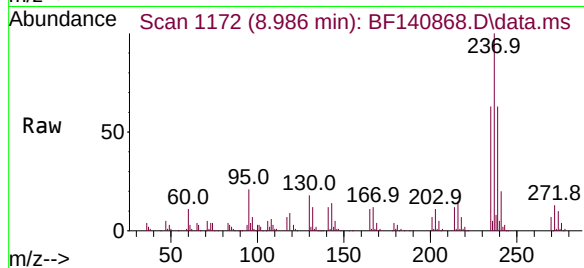
Tgt Ion:237 Resp: 156438

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

272 12.8 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 90.214 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

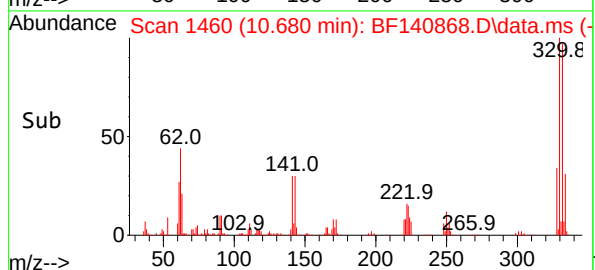
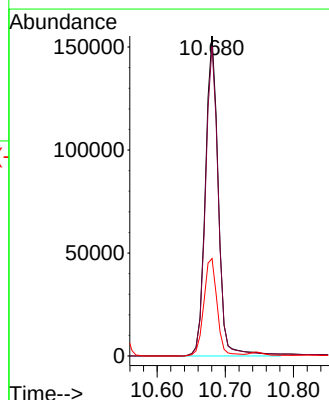
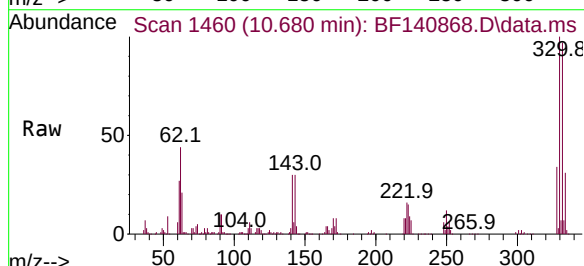
Tgt Ion:330 Resp: 205193

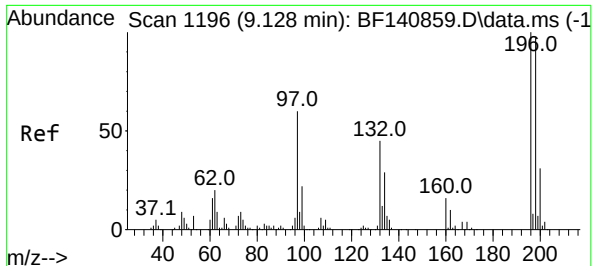
Ion Ratio Lower Upper

330 100

332 97.5 76.2 114.4

141 31.4 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 46.442 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

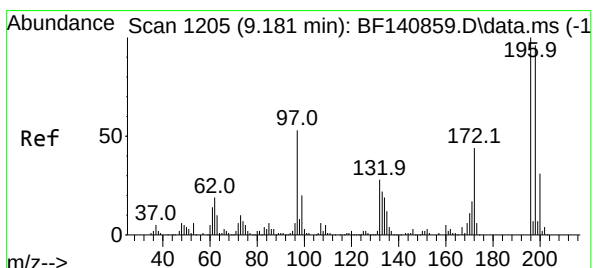
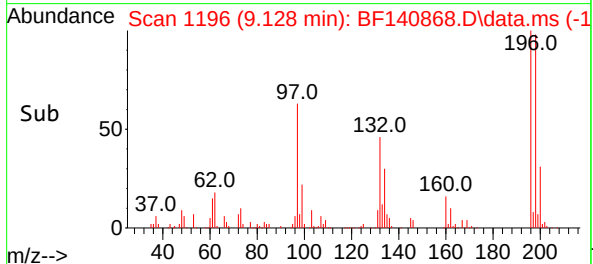
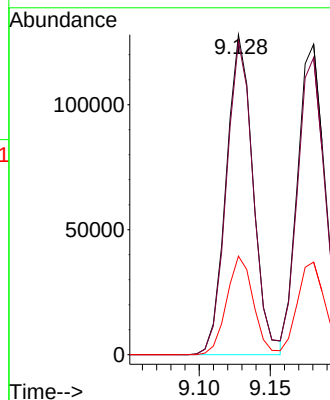
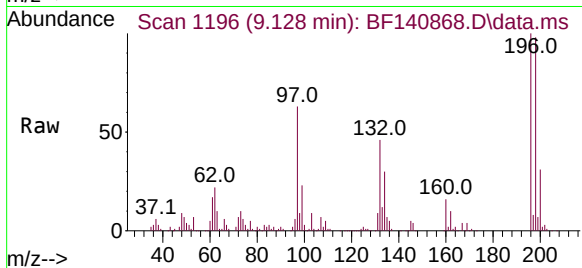
Tgt Ion:196 Resp: 168094

Ion Ratio Lower Upper

196 100

198 98.0 77.4 116.0

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.689 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Tgt Ion:196 Resp: 177785

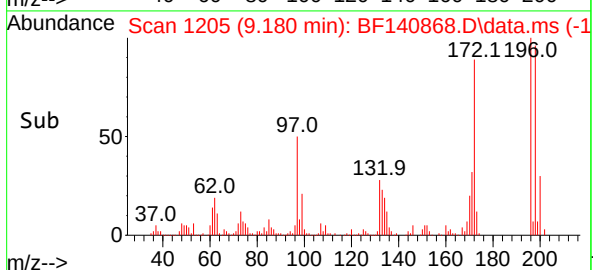
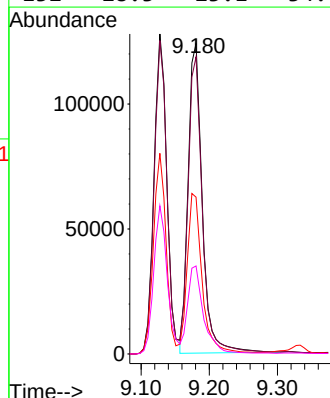
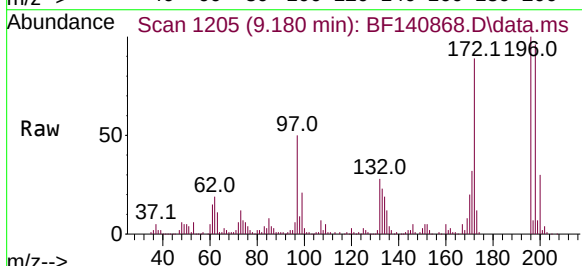
Ion Ratio Lower Upper

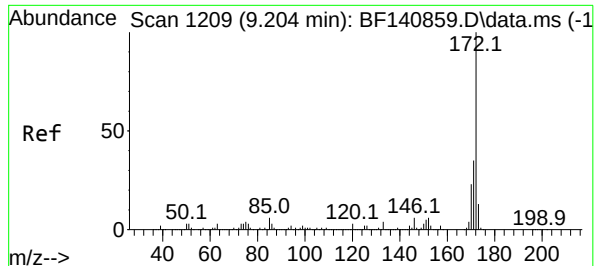
196 100

198 95.6 77.2 115.8

97 50.5 42.2 63.4

132 28.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 89.349 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

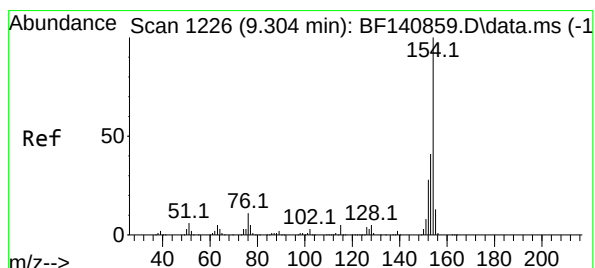
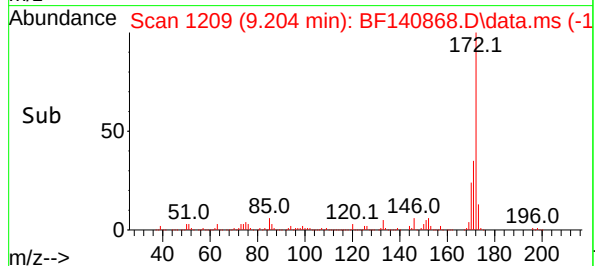
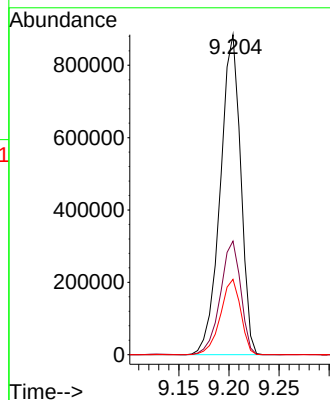
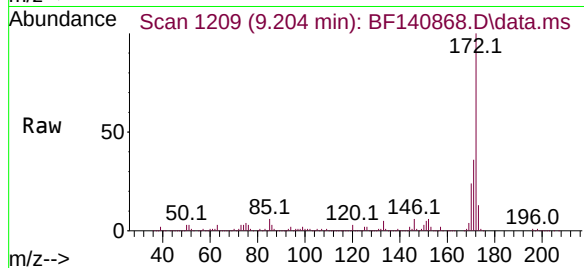
Tgt Ion:172 Resp: 1249803

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: 46.796 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

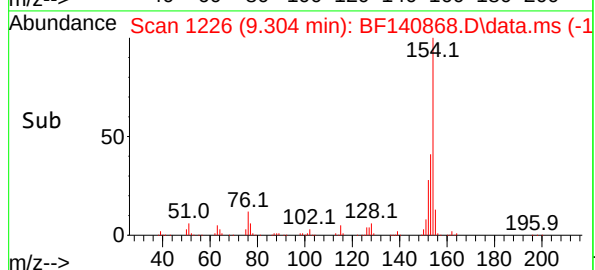
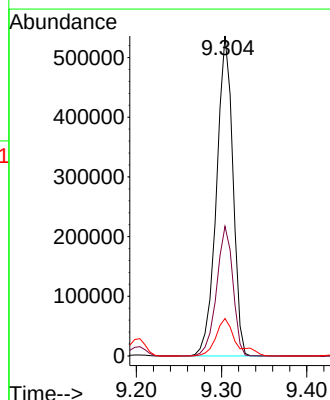
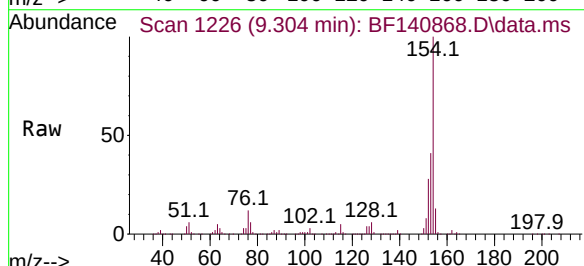
Tgt Ion:154 Resp: 715622

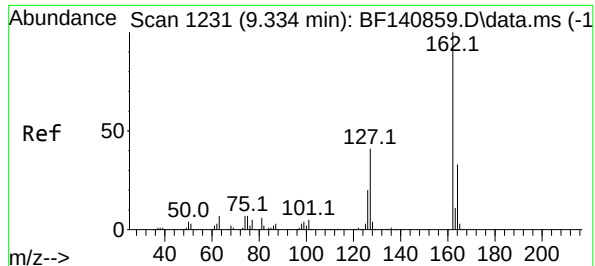
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.117 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

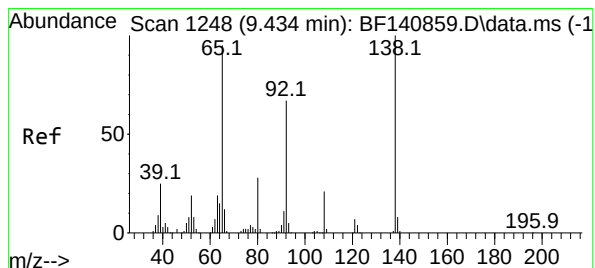
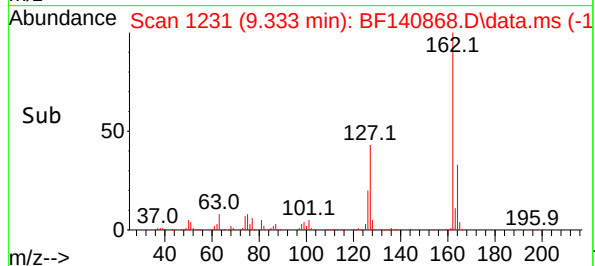
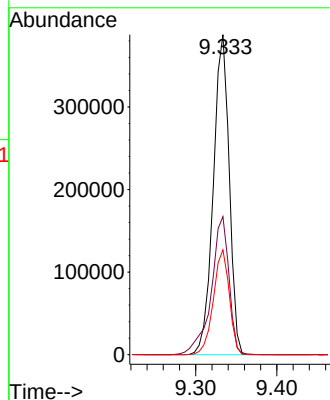
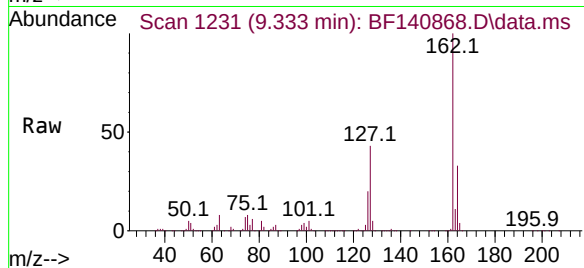
Tgt Ion:162 Resp: 527819

Ion Ratio Lower Upper

162 100

127 43.1 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 48.977 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

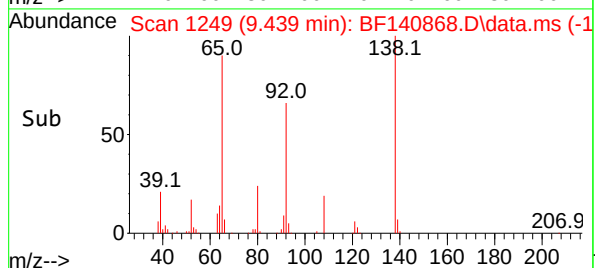
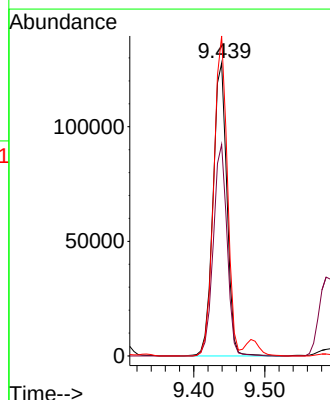
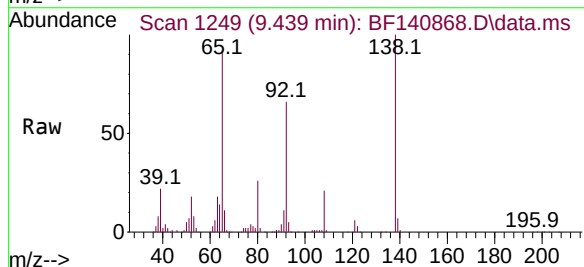
Tgt Ion: 65 Resp: 173045

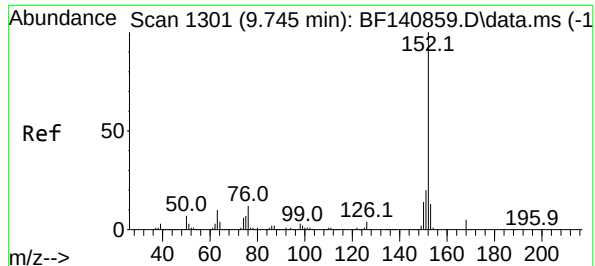
Ion Ratio Lower Upper

65 100

92 72.2 56.3 84.5

138 109.3 83.8 125.6





#49

Acenaphthylene

Concen: 51.042 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

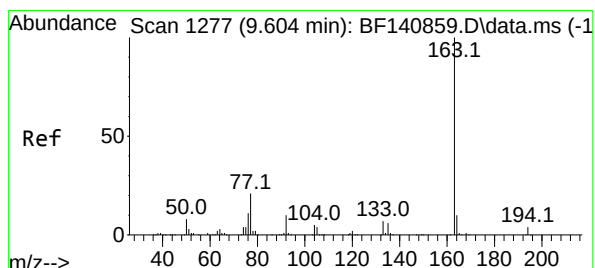
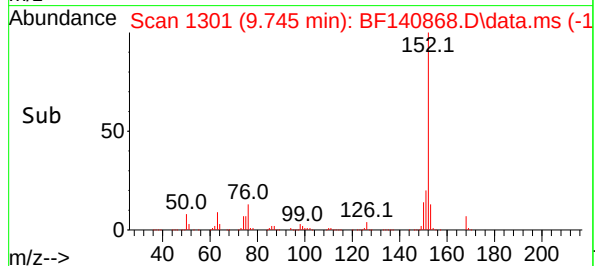
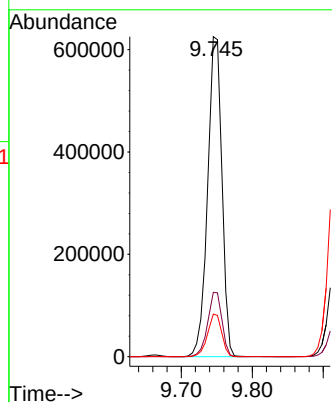
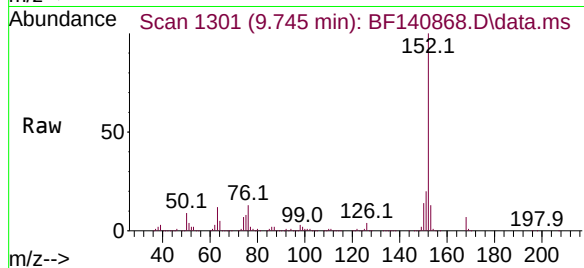
Tgt Ion:152 Resp: 877529

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 48.267 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

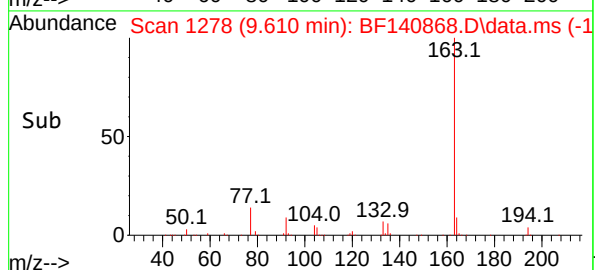
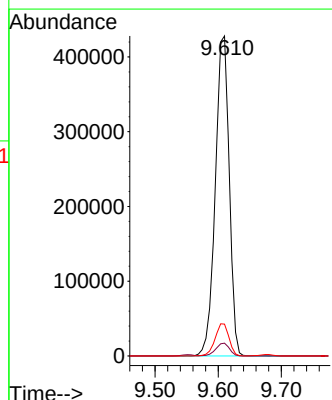
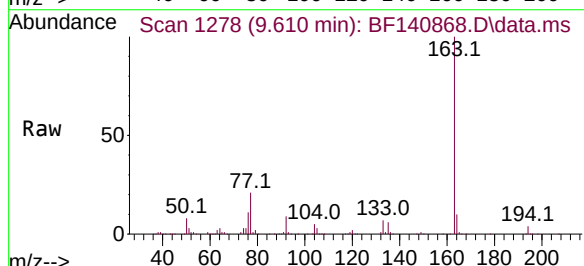
Tgt Ion:163 Resp: 654423

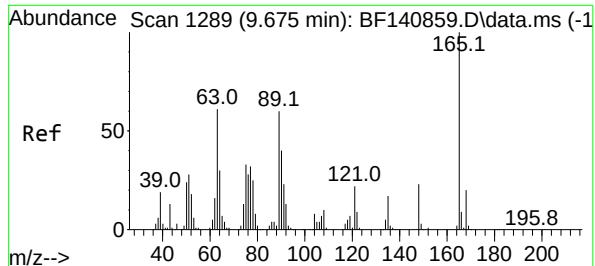
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.997 ng

RT: 9.680 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

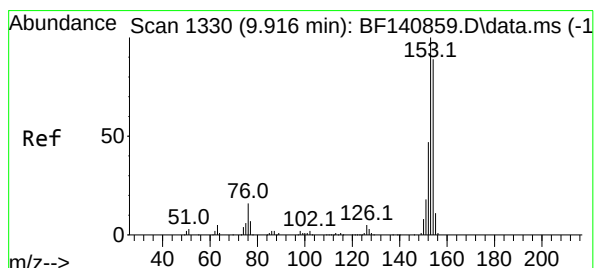
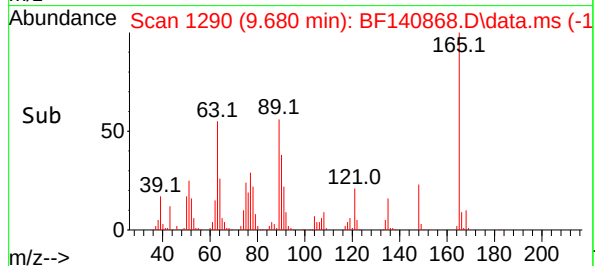
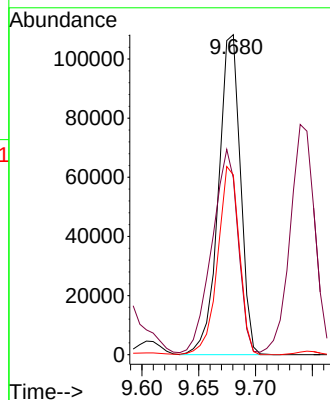
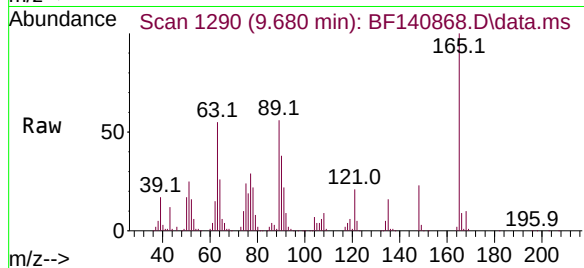
Tgt Ion:165 Resp: 145672

Ion Ratio Lower Upper

165 100

63 55.2 49.7 74.5

89 56.2 48.2 72.4



#52

Acenaphthene

Concen: 48.332 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

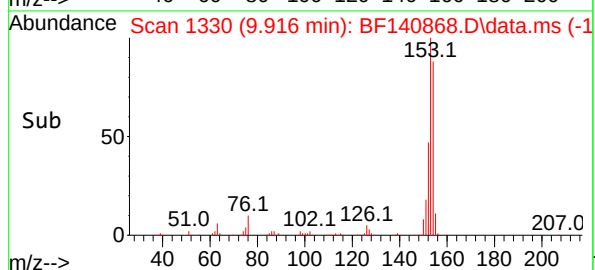
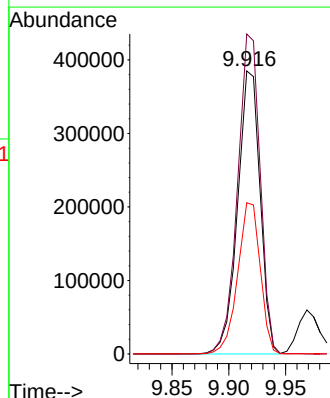
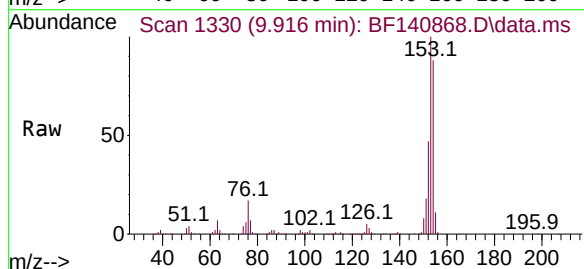
Tgt Ion:154 Resp: 530795

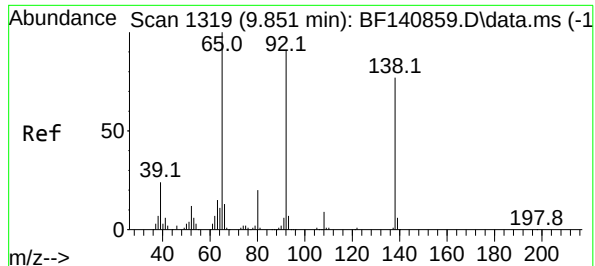
Ion Ratio Lower Upper

154 100

153 113.0 89.9 134.9

152 53.4 42.6 63.8





#53

3-Nitroaniline

Concen: 30.449 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

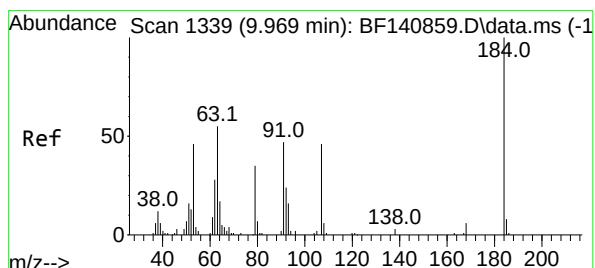
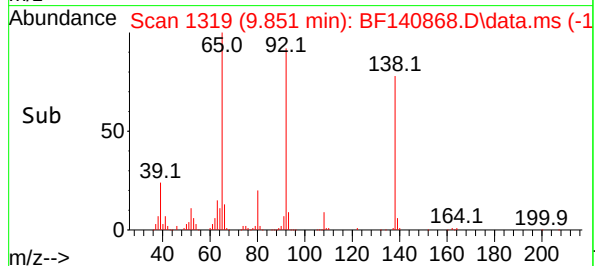
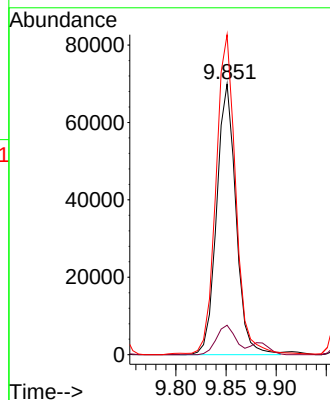
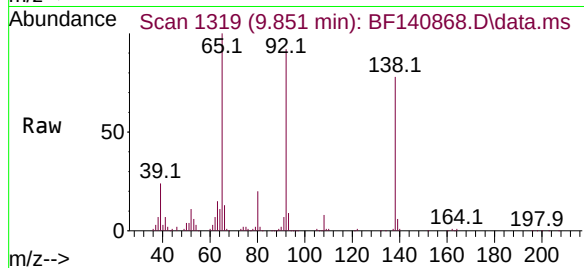
Tgt Ion:138 Resp: 93662

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

92 118.2 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 86.587 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

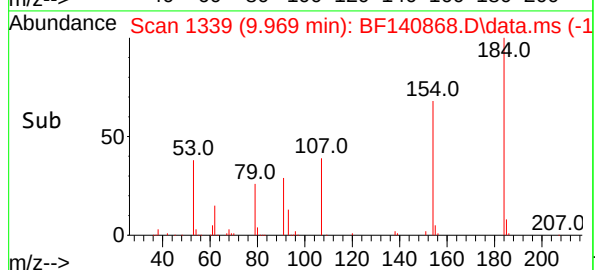
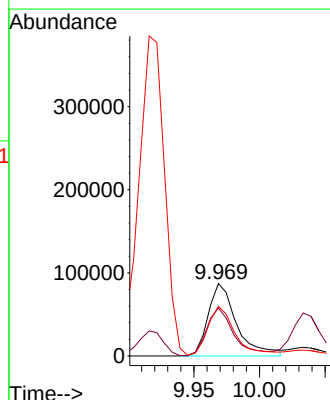
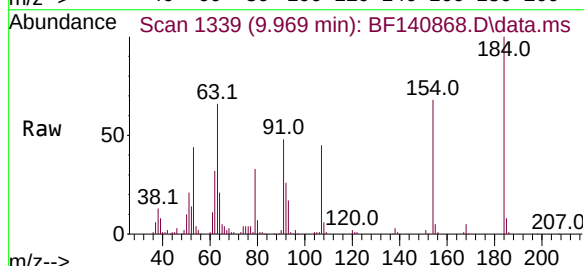
Tgt Ion:184 Resp: 131838

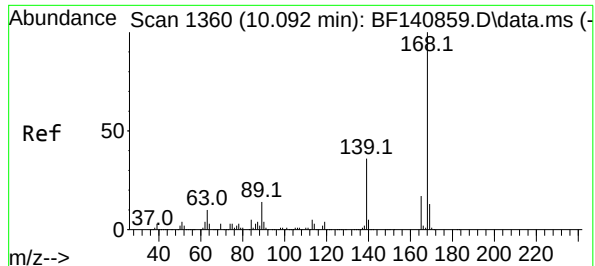
Ion Ratio Lower Upper

184 100

63 66.1 51.6 77.4

154 68.4 56.1 84.1





#55

Dibenzofuran

Concen: 45.988 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

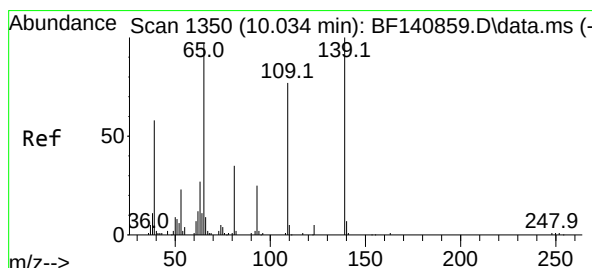
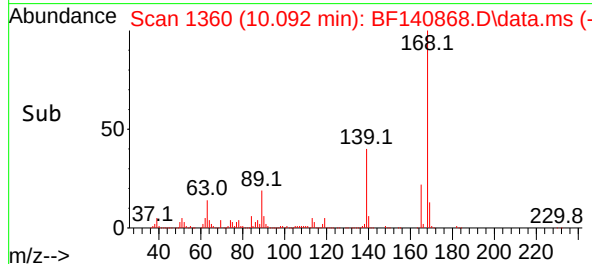
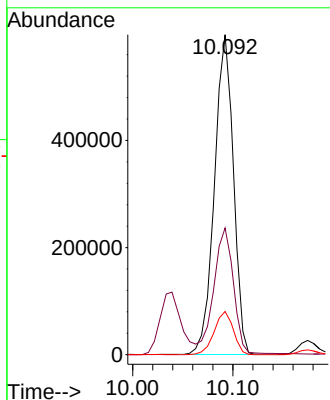
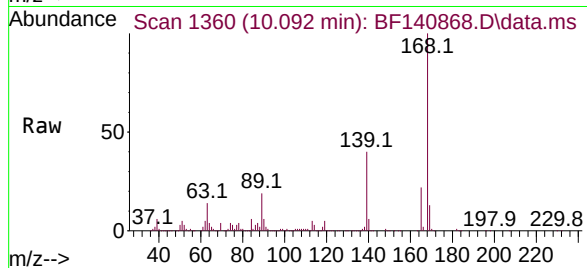
Tgt Ion:168 Resp: 782609

Ion Ratio Lower Upper

168 100

139 39.6 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 104.279 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

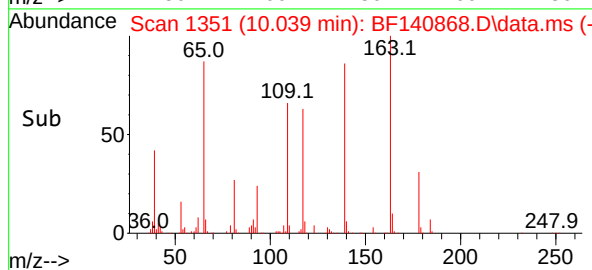
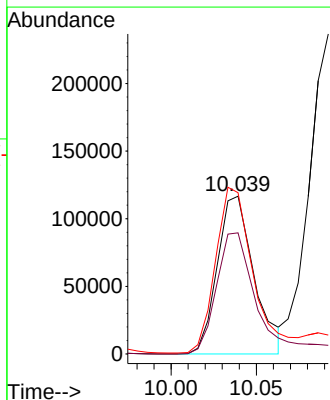
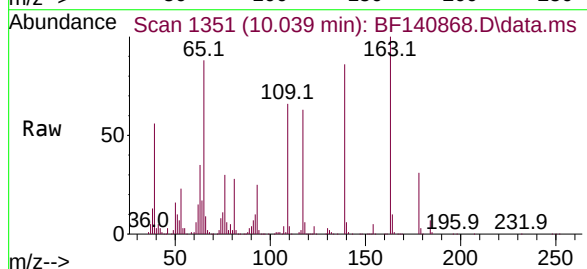
Tgt Ion:139 Resp: 174902

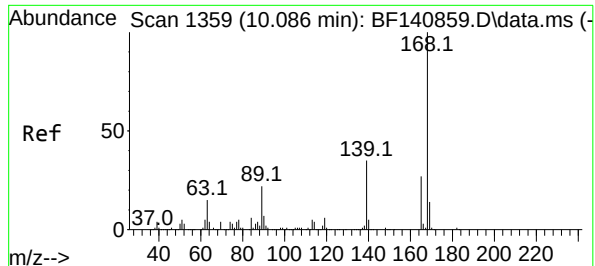
Ion Ratio Lower Upper

139 100

109 76.7 56.7 96.7

65 102.2 78.1 118.1





#57

2,4-Dinitrotoluene

Concen: 46.287 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

Tgt Ion:165 Resp: 188769

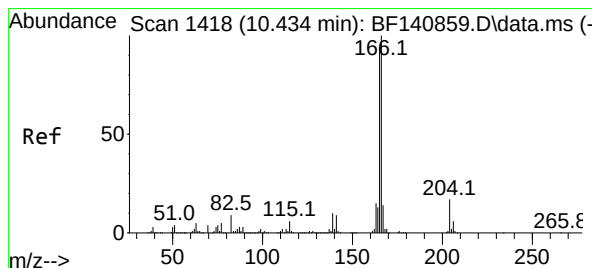
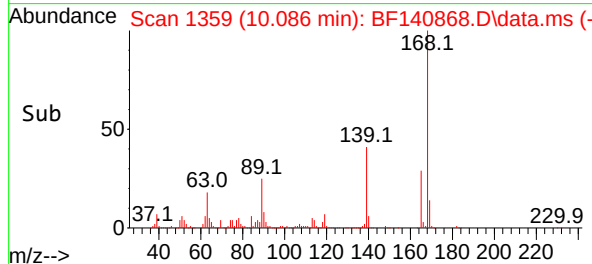
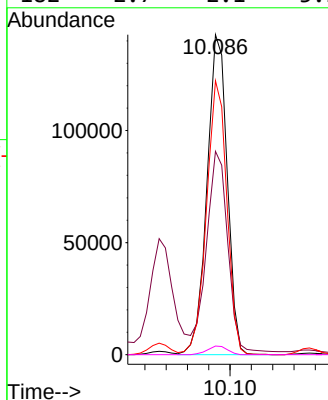
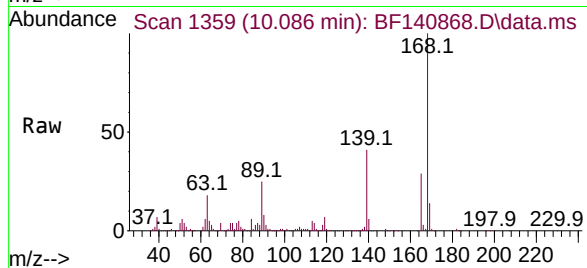
Ion Ratio Lower Upper

165 100

63 63.5 49.3 73.9

89 85.6 66.2 99.4

182 2.7 2.1 3.1



#58

Fluorene

Concen: 46.118 ng

RT: 10.433 min Scan# 1418

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

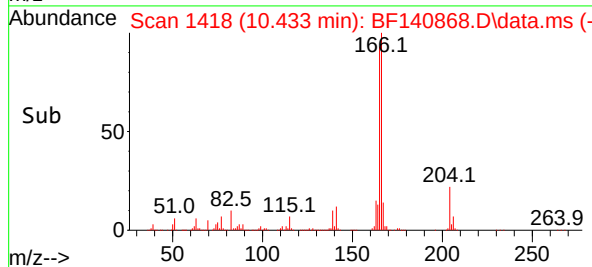
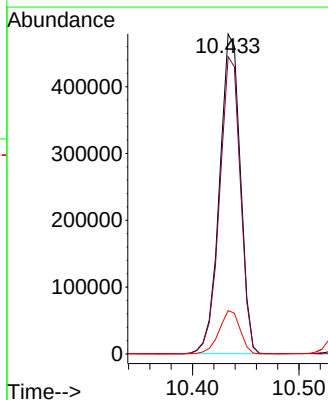
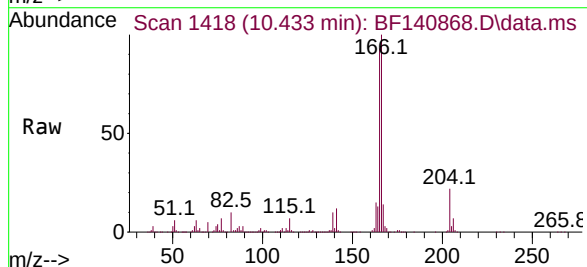
Tgt Ion:166 Resp: 647471

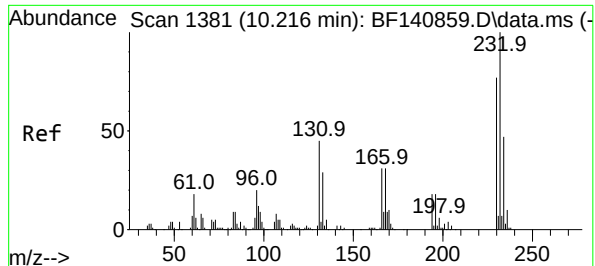
Ion Ratio Lower Upper

166 100

165 92.9 75.1 112.7

167 13.5 11.1 16.7

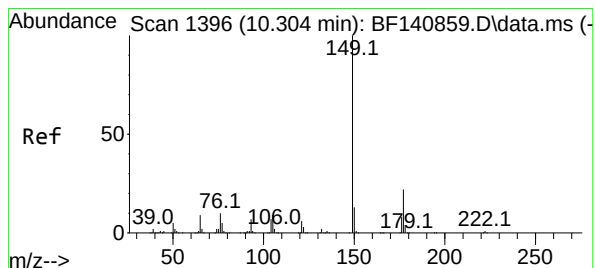
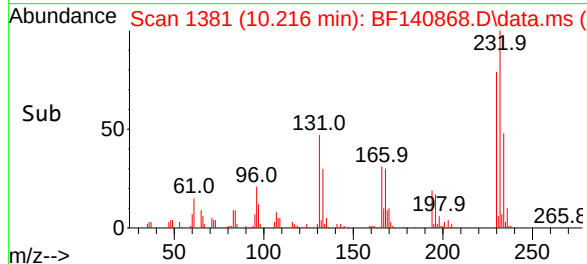
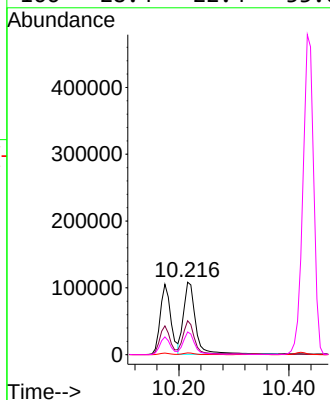
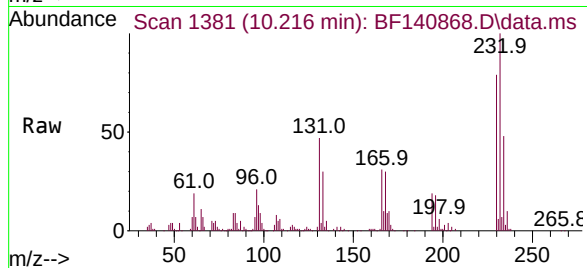




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.364 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

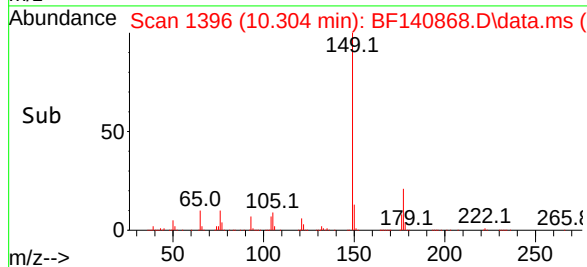
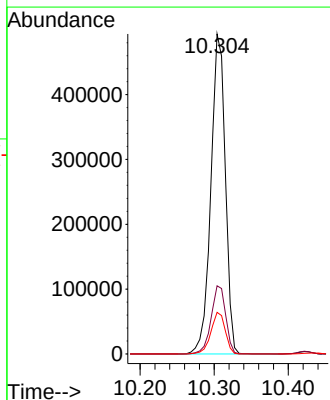
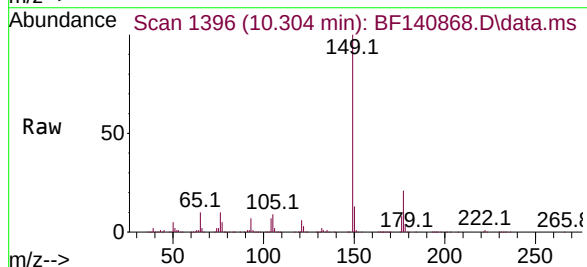
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

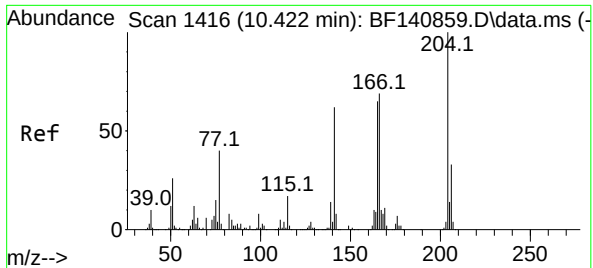
Tgt Ion:232 Resp: 163265
Ion Ratio Lower Upper
232 100
131 45.7 35.1 52.7
130 2.0 1.8 2.8
166 28.4 22.4 33.6



#60
Diethylphthalate
Concen: 47.479 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:149 Resp: 667542
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 13.0 10.1 15.1

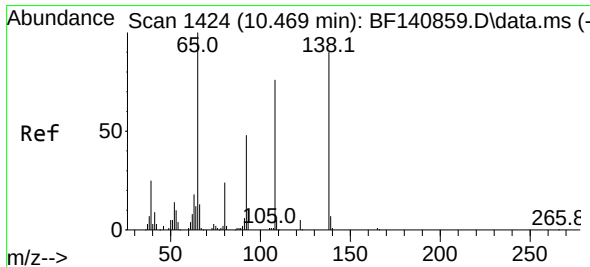
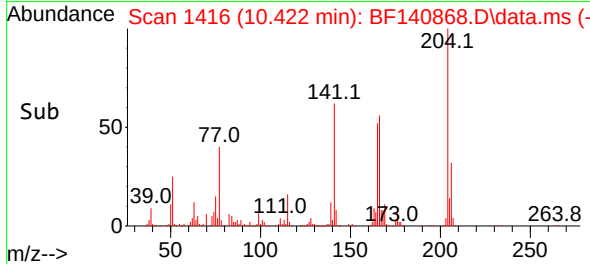
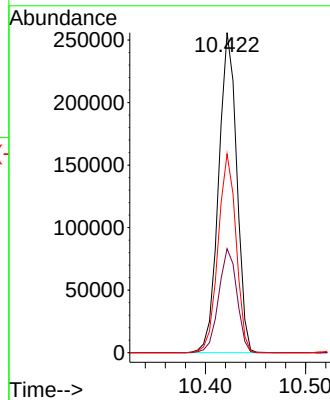
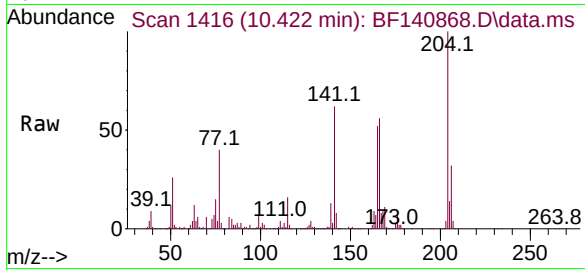




#61
4-Chlorophenyl-phenylether
Concen: 45.528 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

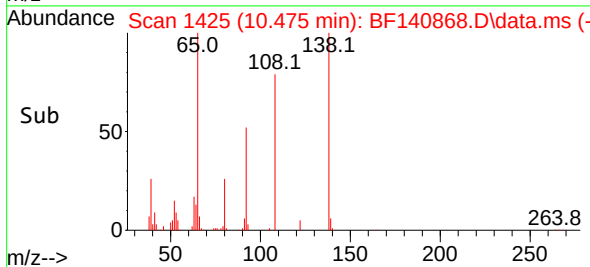
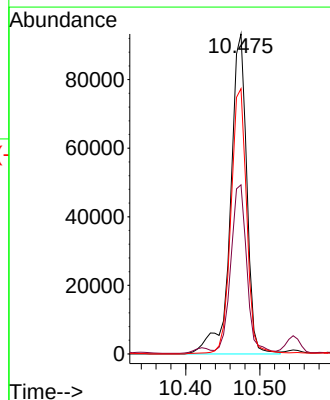
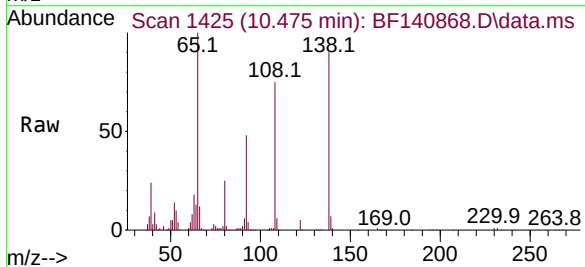
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

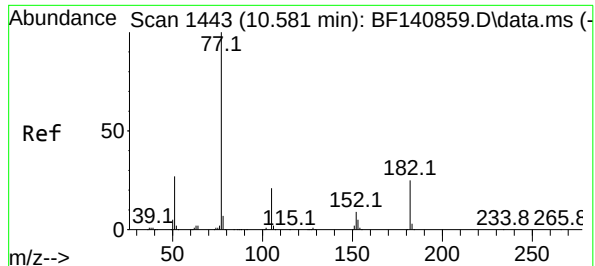
Tgt Ion:204 Resp: 321077
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 62.1 50.0 75.0



#62
4-Nitroaniline
Concen: 44.363 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:138 Resp: 142602
Ion Ratio Lower Upper
138 100
92 52.9 32.6 72.6
108 82.9 64.1 104.1

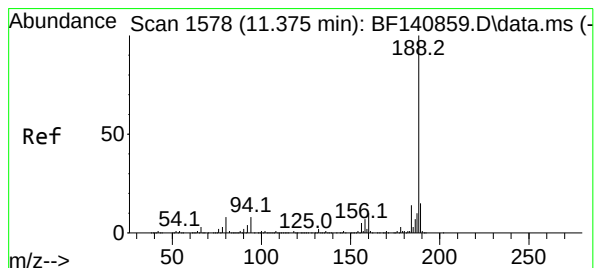
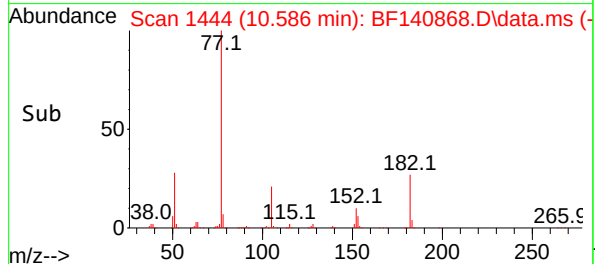
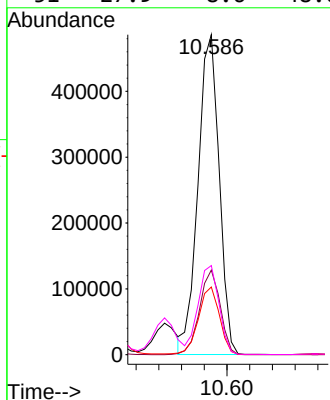
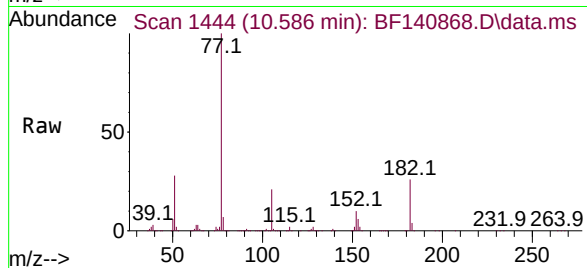




#63
Azobenzene
Concen: 47.434 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

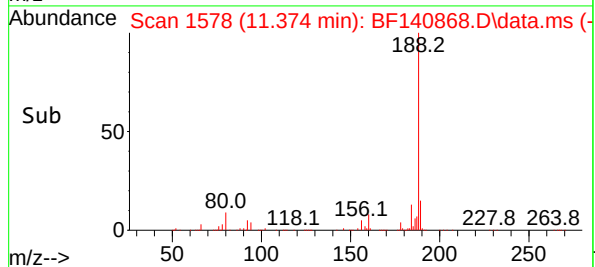
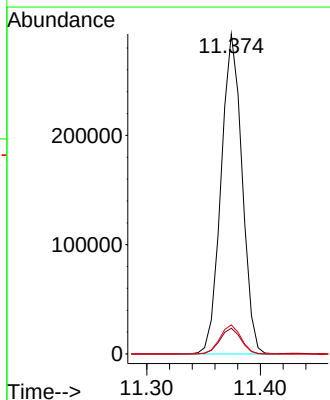
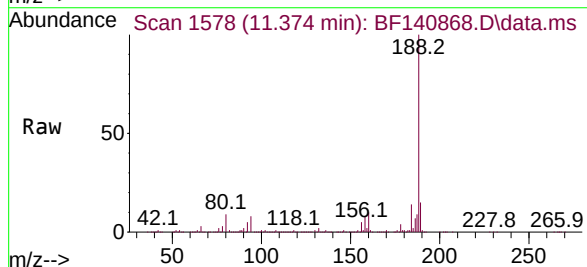
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

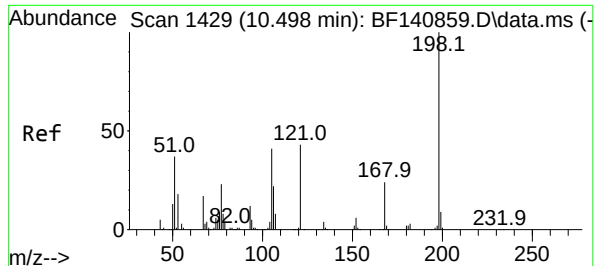
Tgt Ion: 77	Resp: 626965
Ion Ratio	Lower Upper
77 100	
182 26.5	4.5 44.5
105 21.2	0.9 40.9
51 27.9	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion: 188	Resp: 376140
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 9.1	6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 48.057 ng

RT: 10.504 min Scan# 1429

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

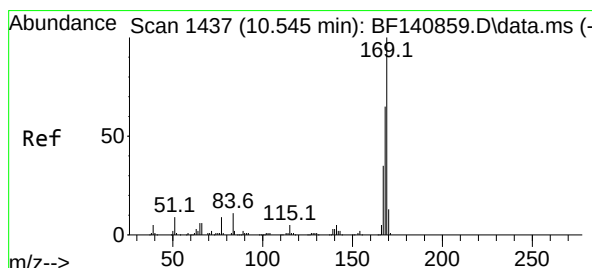
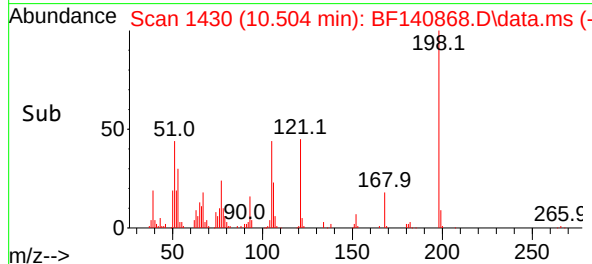
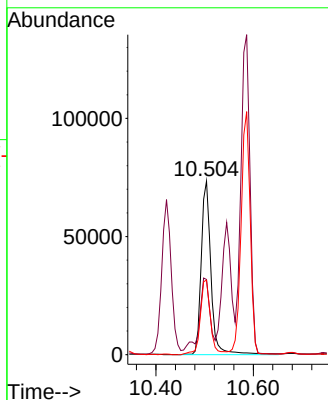
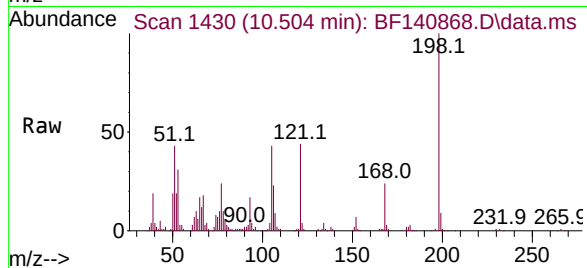
Tgt Ion:198 Resp: 102430

Ion Ratio Lower Upper

198 100

51 43.3 24.4 64.4

105 43.0 22.1 62.1



#66

n-Nitrosodiphenylamine

Concen: 49.272 ng

RT: 10.545 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

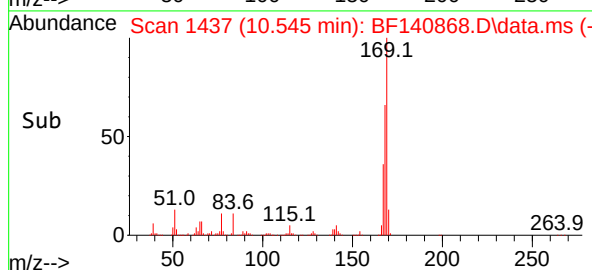
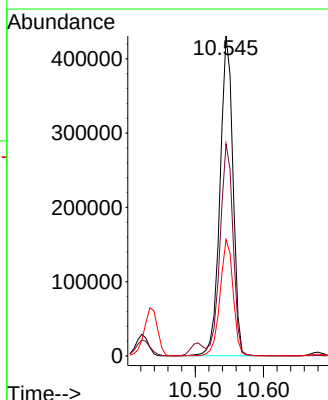
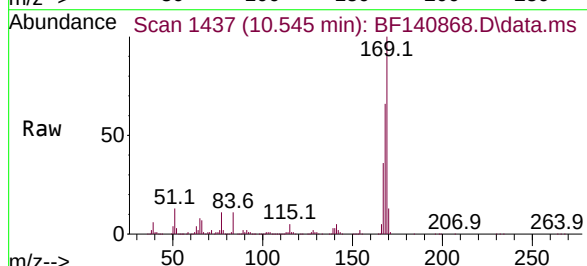
Tgt Ion:169 Resp: 569807

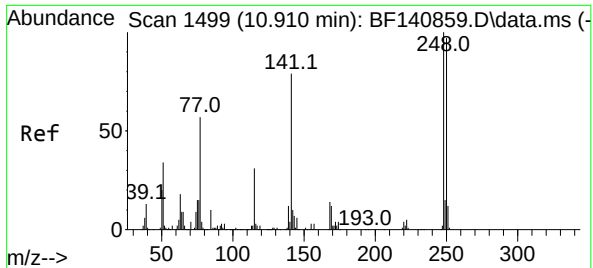
Ion Ratio Lower Upper

169 100

168 66.3 53.4 80.0

167 36.4 28.3 42.5

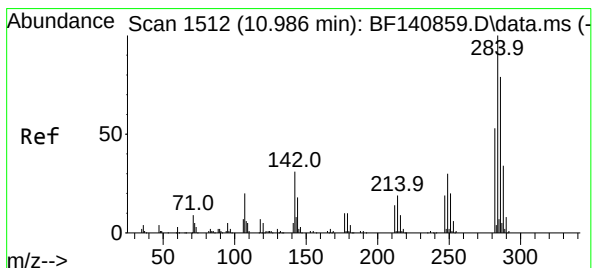
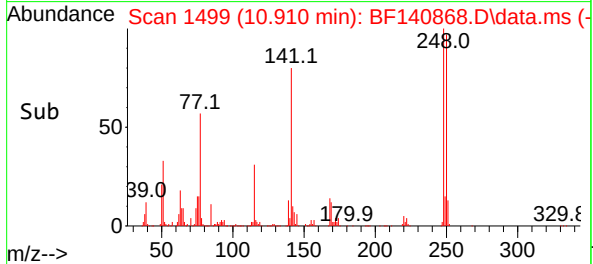
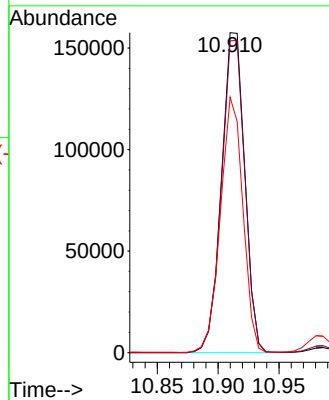
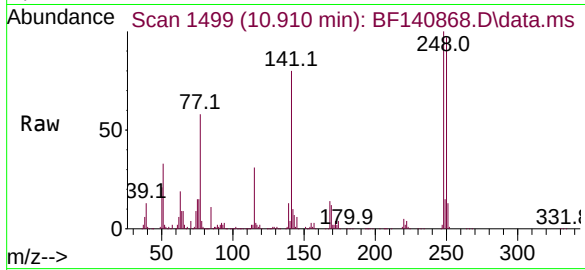




#67
4-Bromophenyl-phenylether
Concen: 49.910 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

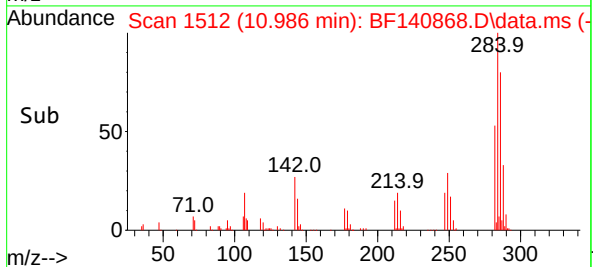
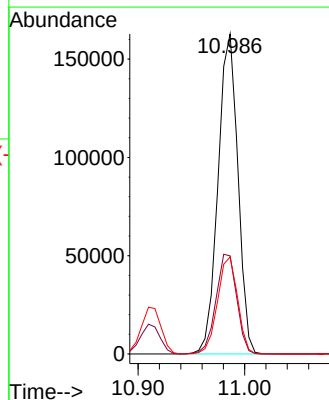
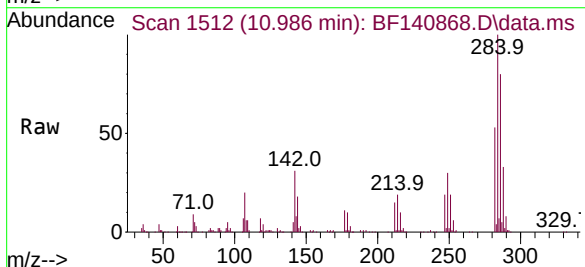
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

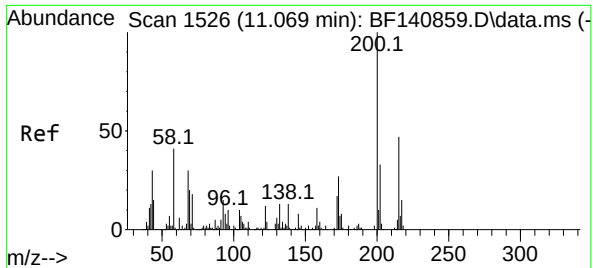
Tgt Ion:248 Resp: 210022
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.2
141 79.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 44.142 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:284 Resp: 210599
Ion Ratio Lower Upper
284 100
142 30.7 24.6 36.8
249 30.3 24.3 36.5





#69

Atrazine

Concen: 58.014 ng

RT: 11.074 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

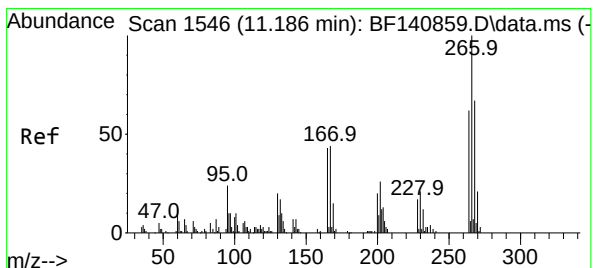
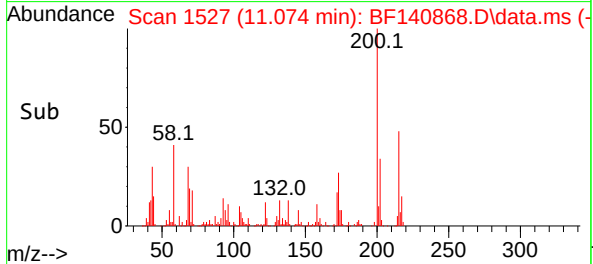
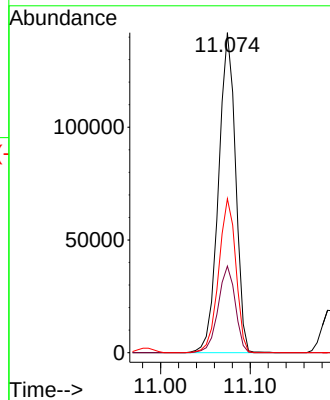
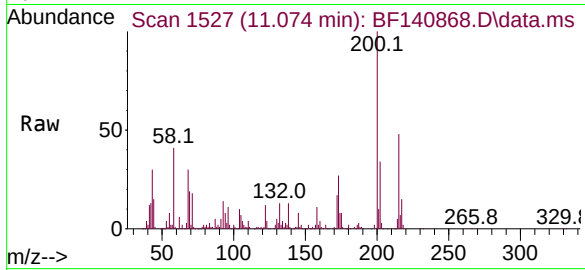
Tgt Ion:200 Resp: 187378

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 48.1 26.7 66.7



#70

Pentachlorophenol

Concen: 97.998 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

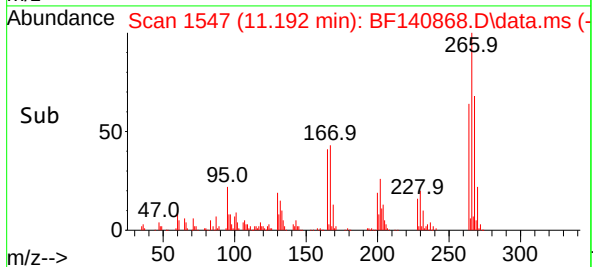
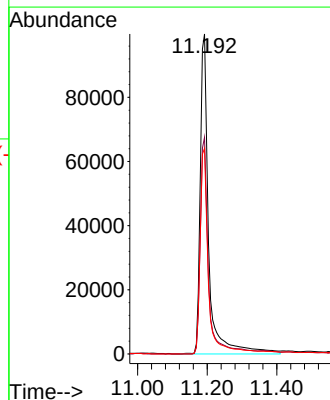
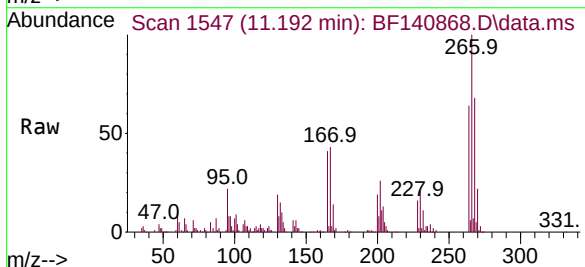
Tgt Ion:266 Resp: 170937

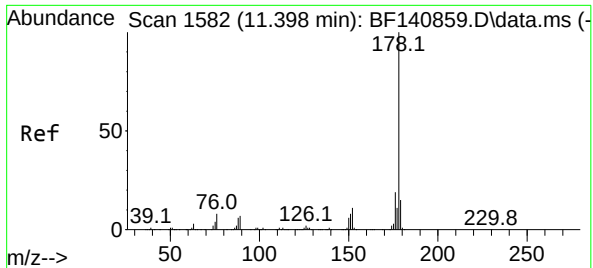
Ion Ratio Lower Upper

266 100

268 67.7 54.0 81.0

264 64.3 49.4 74.2

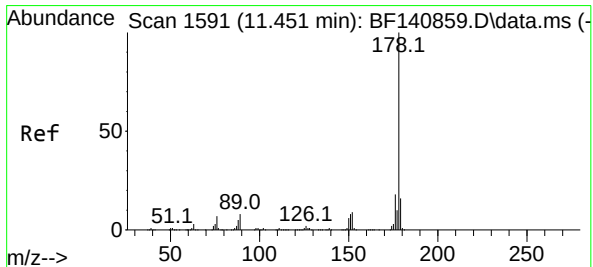
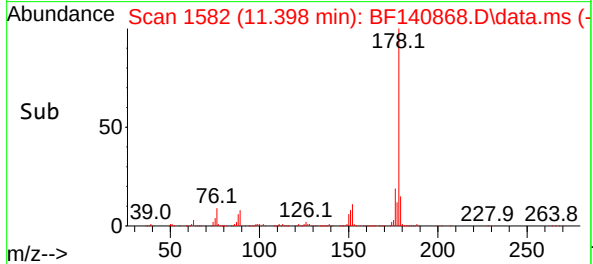
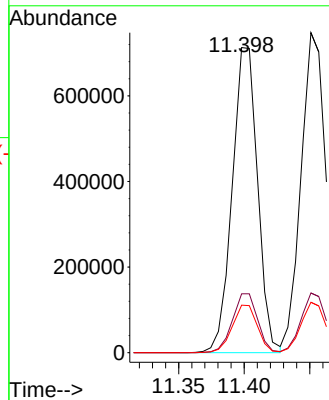
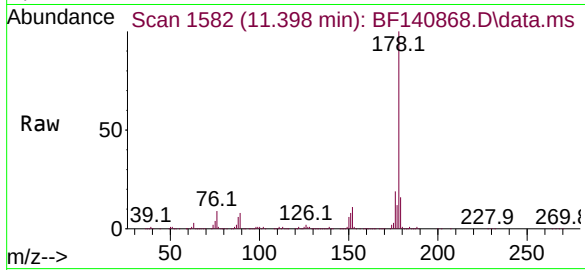




#71
Phenanthrene
Concen: 49.741 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

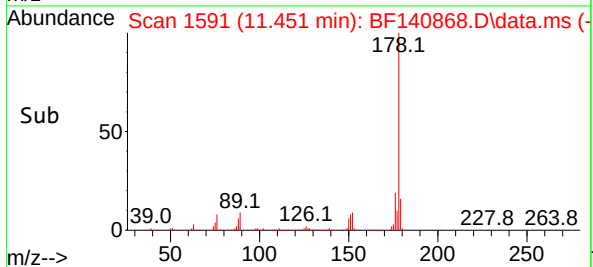
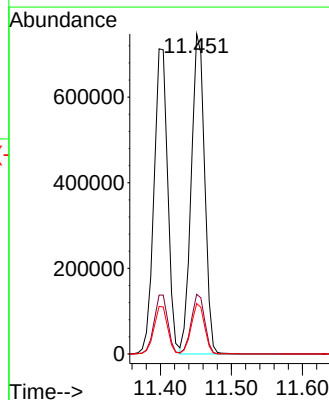
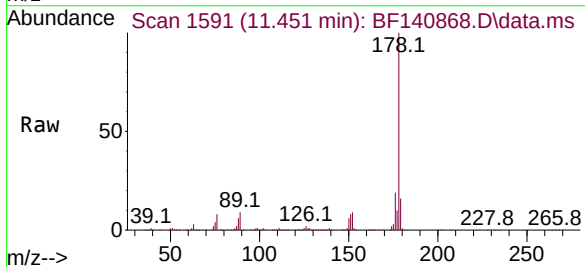
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

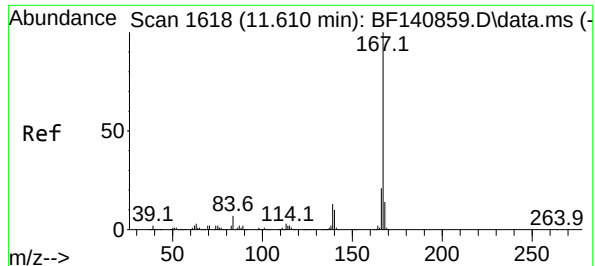
Tgt Ion:178 Resp: 962127
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 51.411 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:178 Resp: 979319
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.7 12.6 18.8





#73

Carbazole

Concen: 44.488 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

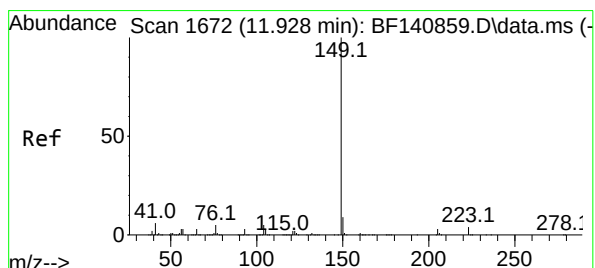
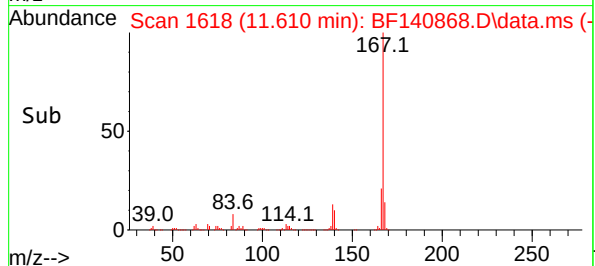
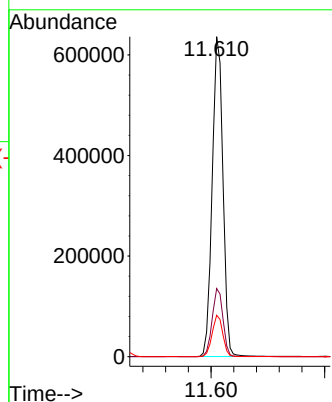
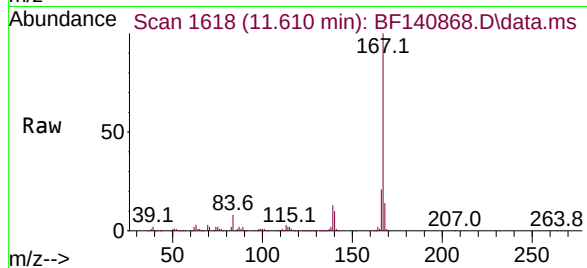
Tgt Ion:167 Resp: 830060

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.0 10.2 15.2



#74

Di-n-butylphthalate

Concen: 48.245 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

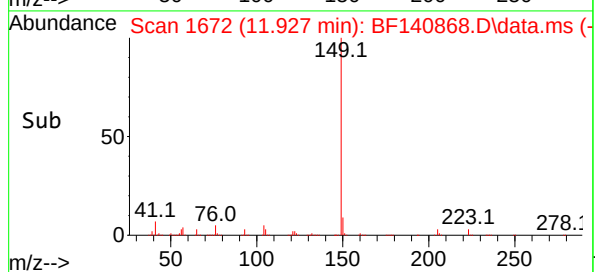
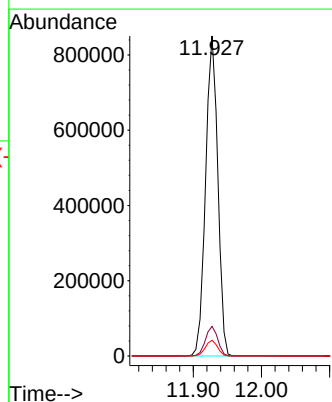
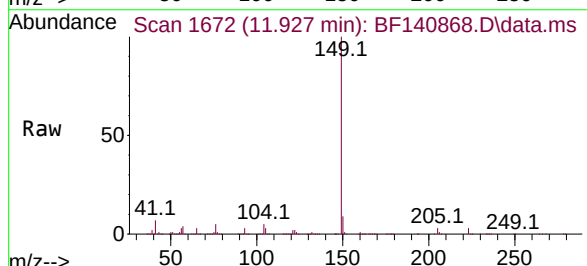
Tgt Ion:149 Resp: 1056427

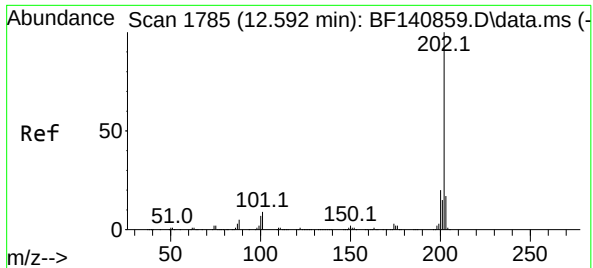
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 3.8 5.8

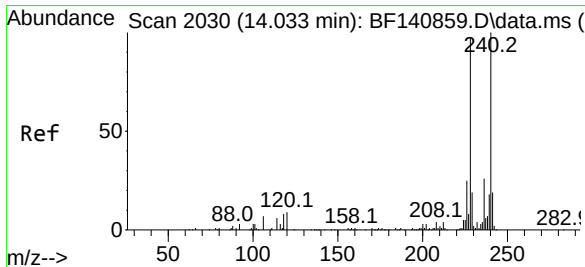
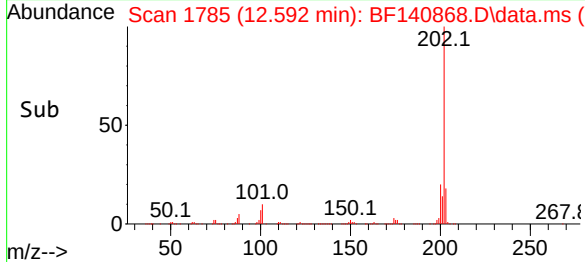
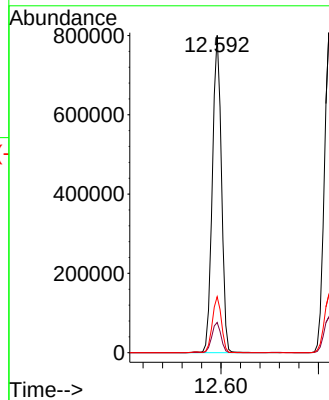
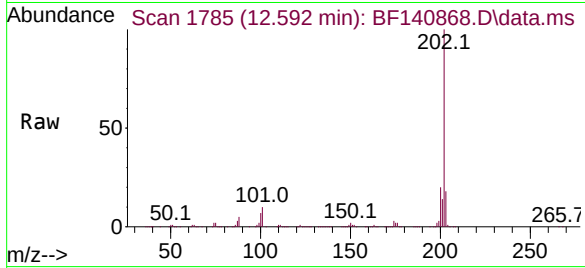




#75
Fluoranthene
Concen: 46.190 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

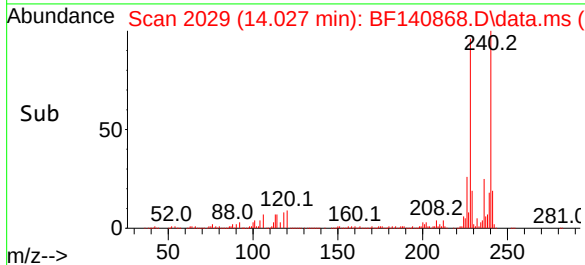
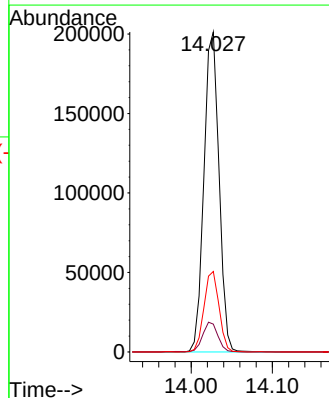
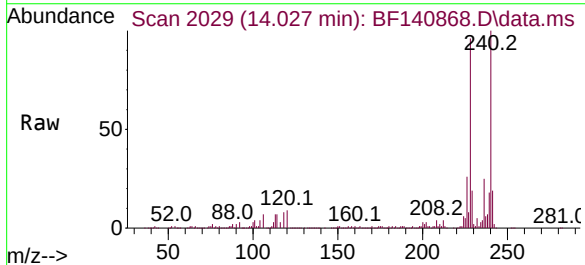
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

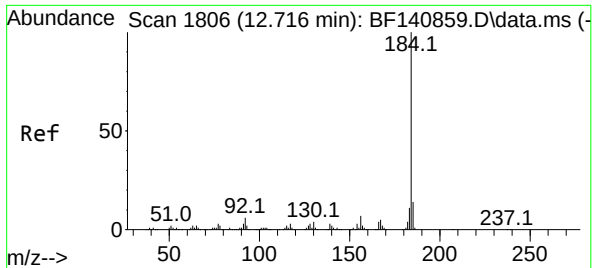
Tgt Ion:202 Resp: 1028945
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:240 Resp: 259234
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 25.1 20.5 30.7

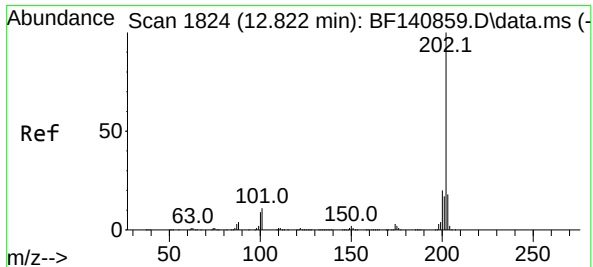
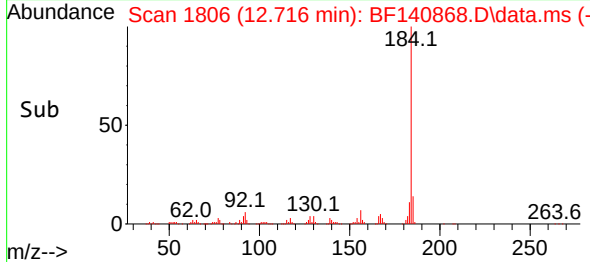
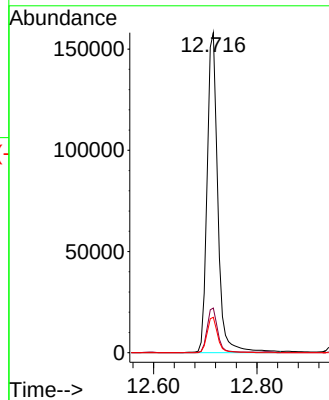
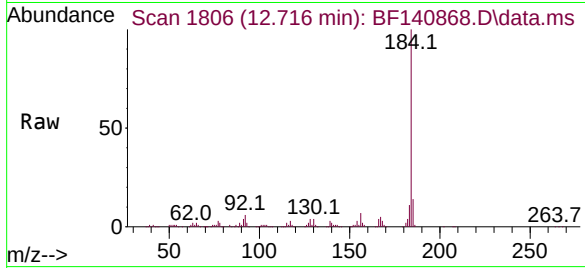




#77
Benzidine
Concen: 43.038 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

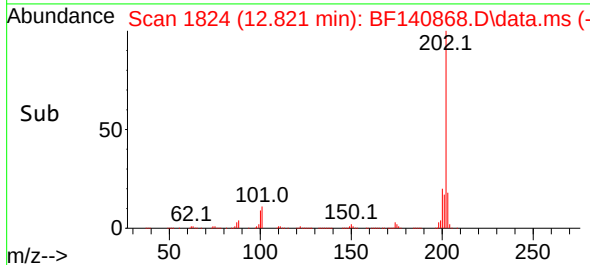
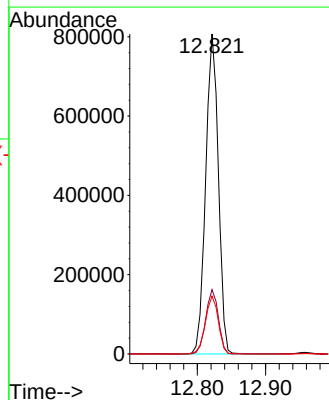
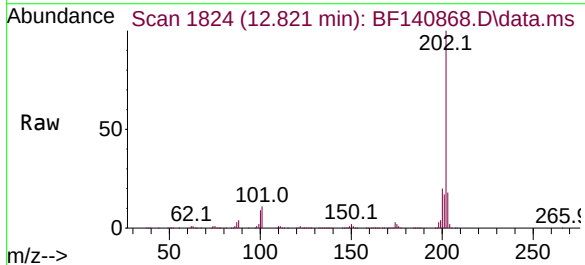
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

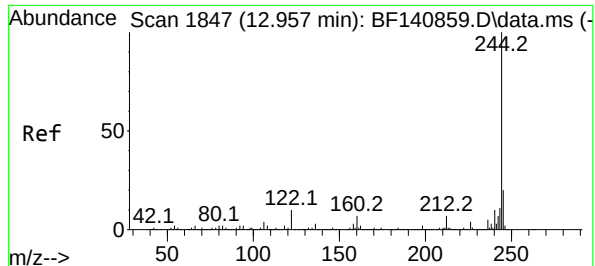
Tgt Ion:184 Resp: 227710
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 11.0 9.0 13.4



#78
Pyrene
Concen: 45.223 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:202 Resp: 1042499
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 87.459 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

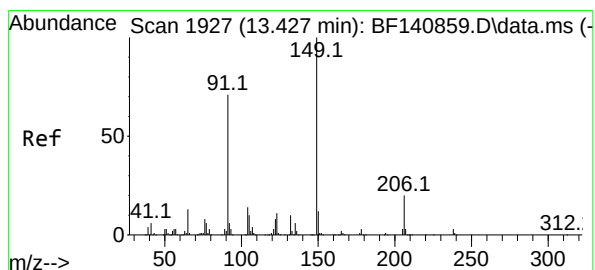
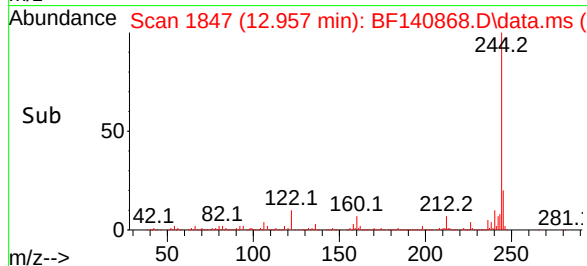
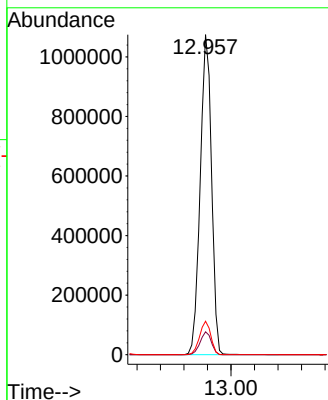
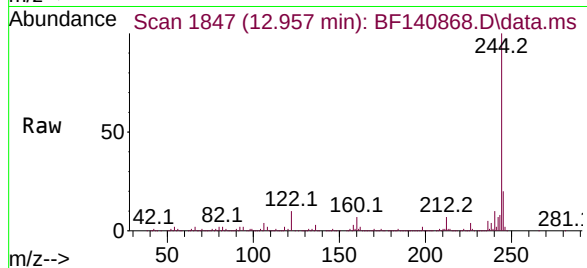
Tgt Ion:244 Resp: 1437814

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 43.838 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

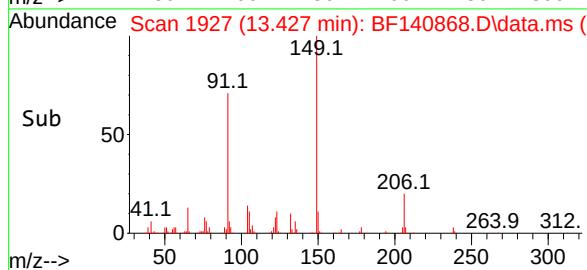
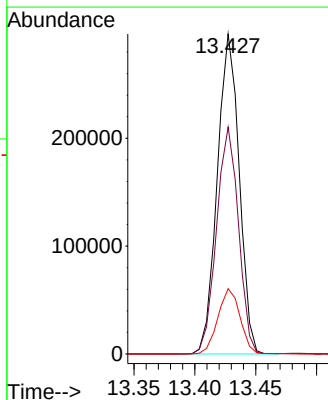
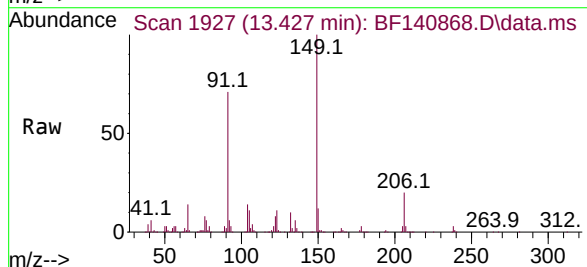
Tgt Ion:149 Resp: 371847

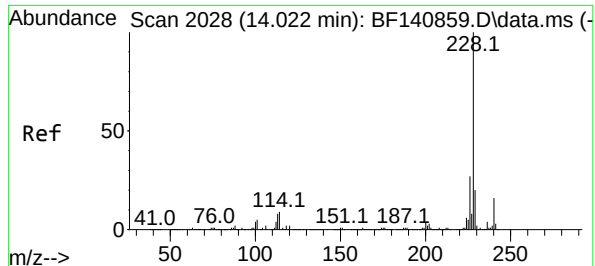
Ion Ratio Lower Upper

149 100

91 70.9 56.7 85.1

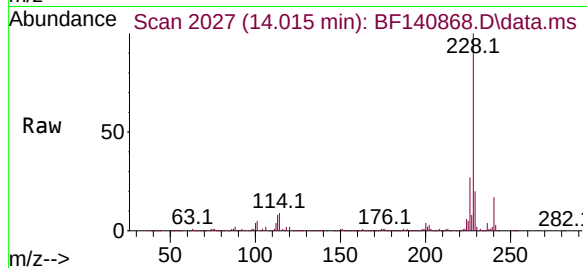
206 20.4 16.4 24.6



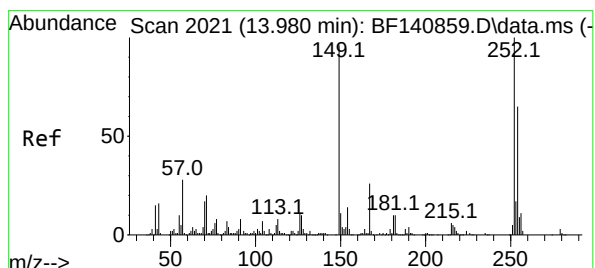
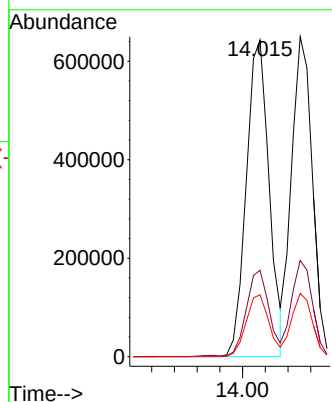
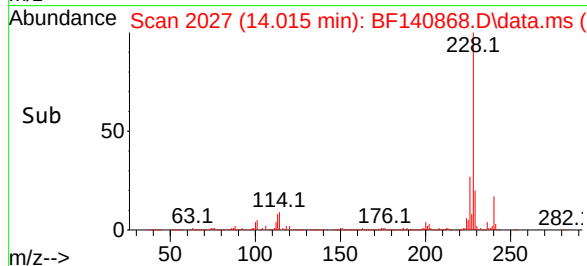


#81
Benzo(a)anthracene
Concen: 48.868 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

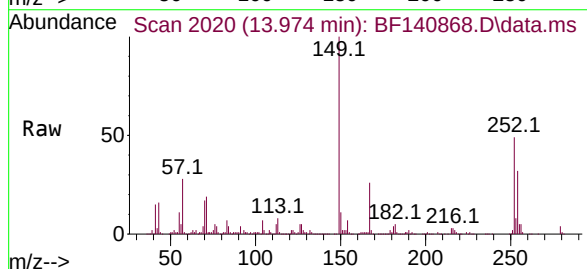
Instrument :
BNA_F
ClientSampleId :
PB165479BSD



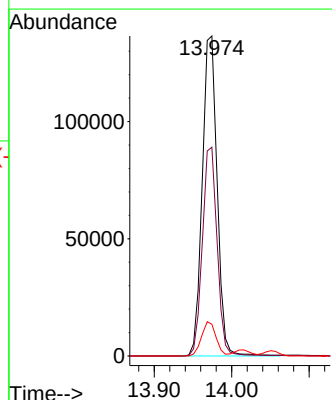
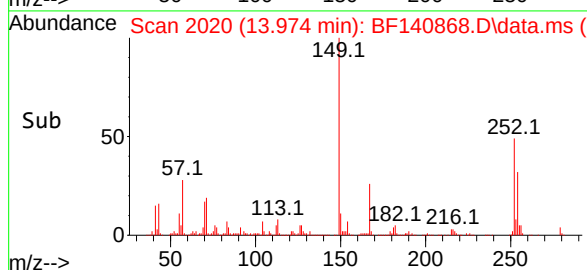
Tgt Ion:228 Resp: 897845
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.8 23.8

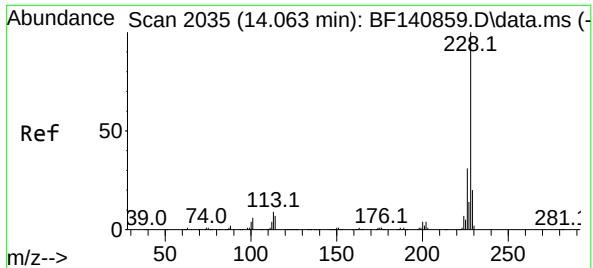


#82
3,3'-Dichlorobenzidine
Concen: 32.891 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53



Tgt Ion:252 Resp: 182319
Ion Ratio Lower Upper
252 100
254 65.2 52.3 78.5
126 9.9 8.4 12.6

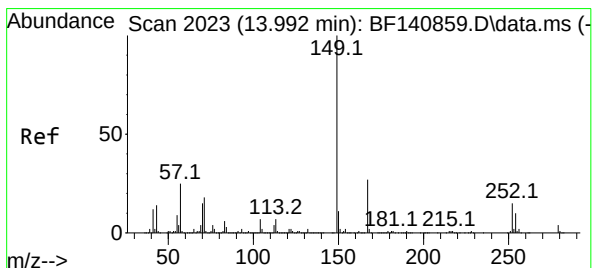
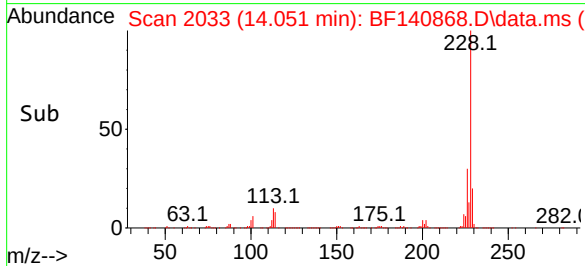
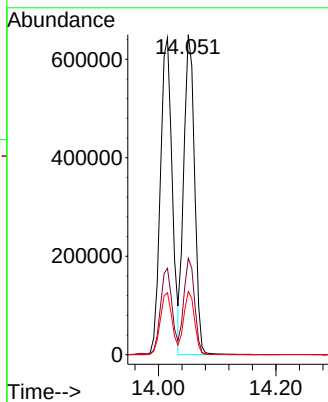
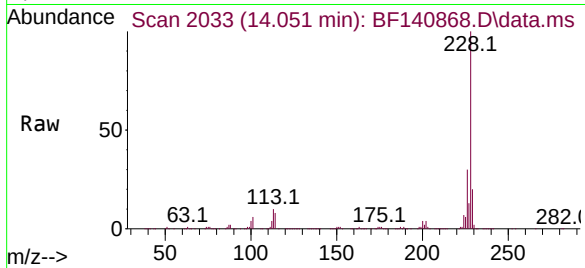




#83
Chrysene
Concen: 49.727 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

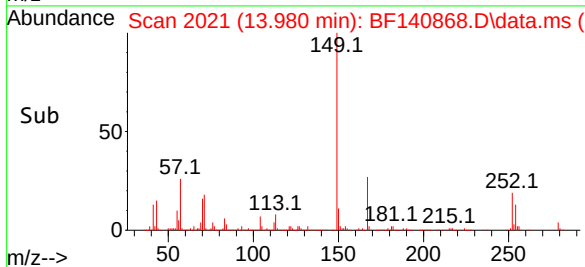
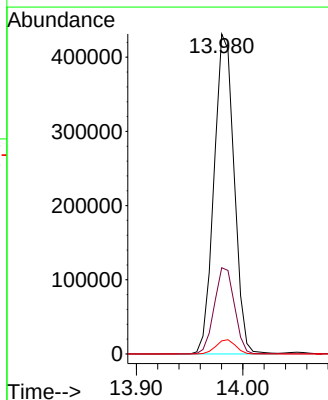
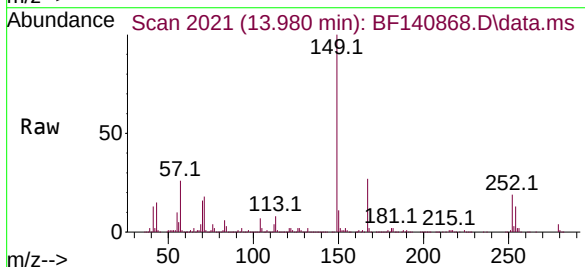
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

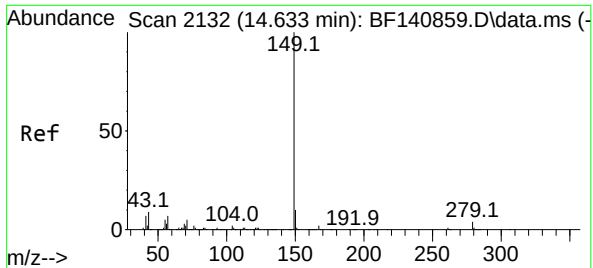
Tgt Ion:228 Resp: 830787
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.633 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:149 Resp: 564719
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.1 3.5 5.3

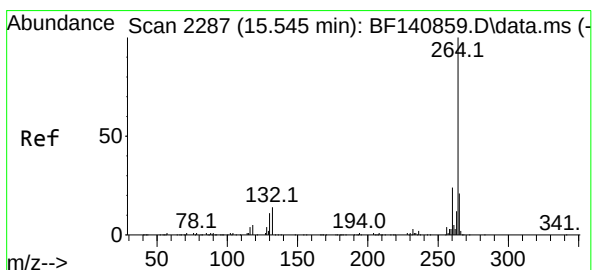
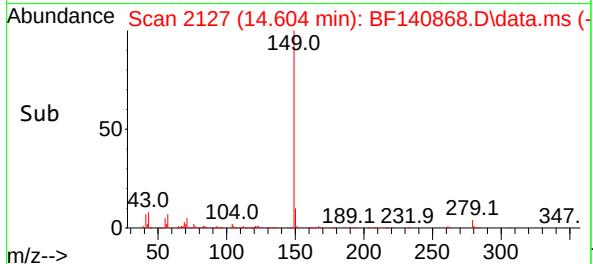
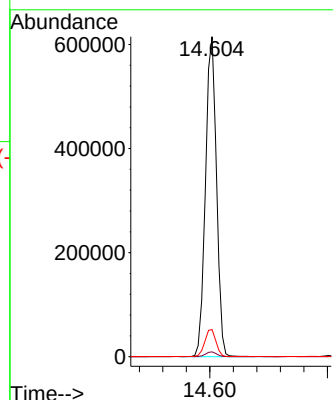
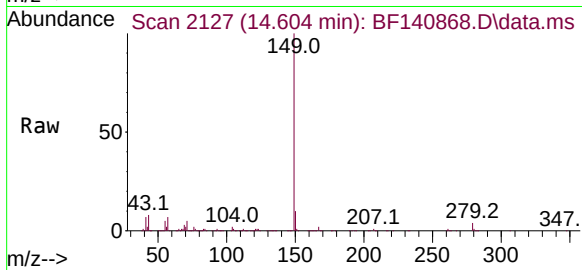




#85
Di-n-octyl phthalate
Concen: 48.214 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.030 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

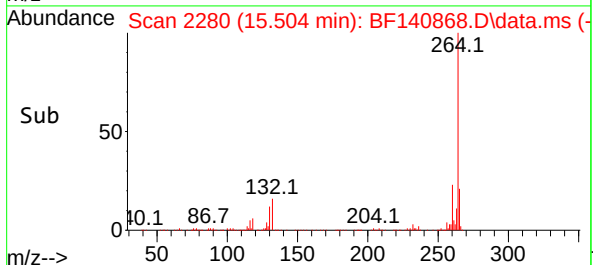
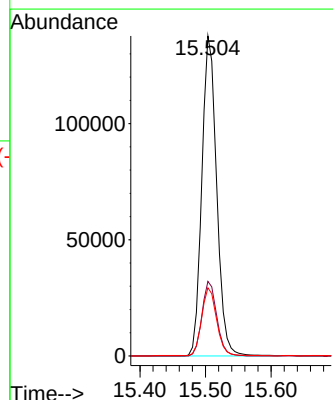
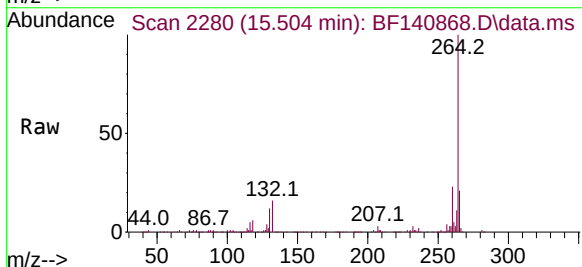
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

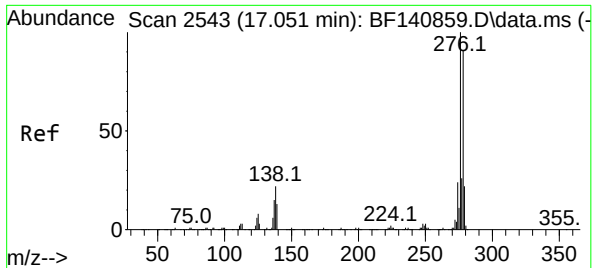
Tgt Ion:149 Resp: 797783
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.6 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.041 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:264 Resp: 217232
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.3 17.0 25.4

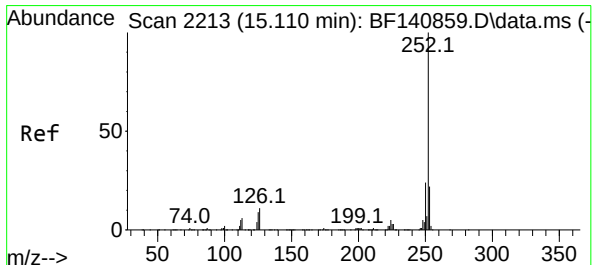
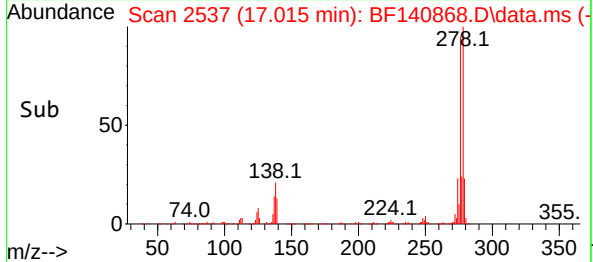
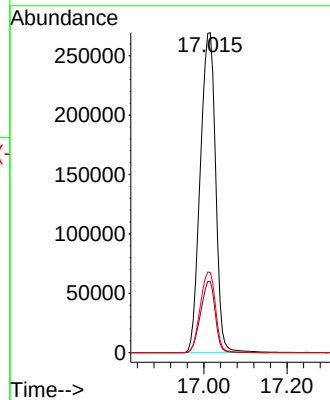
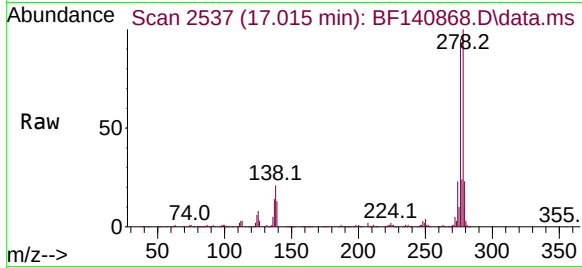




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.000 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

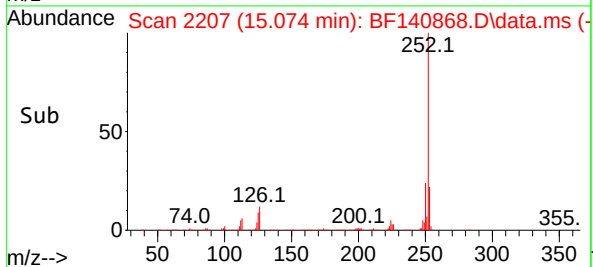
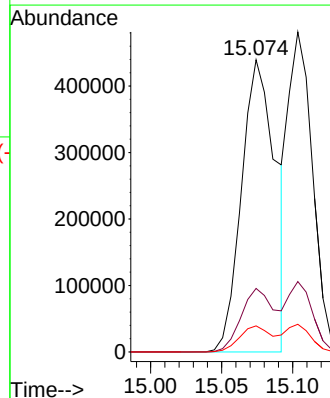
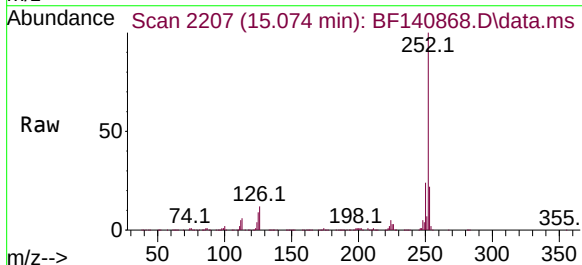
Instrument :
BNA_F
ClientSampleId :
PB165479BSD

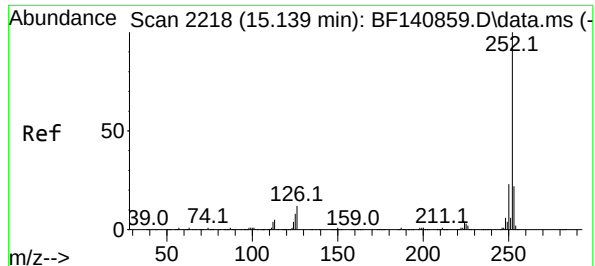
Tgt Ion:276 Resp: 691365
Ion Ratio Lower Upper
276 100
138 21.2 16.9 25.3
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 48.635 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.035 min
Lab File: BF140868.D
Acq: 16 Dec 2024 18:53

Tgt Ion:252 Resp: 733377
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 44.729 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

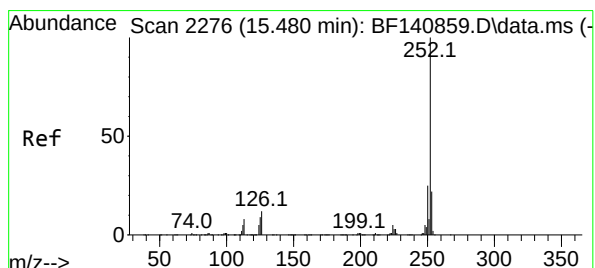
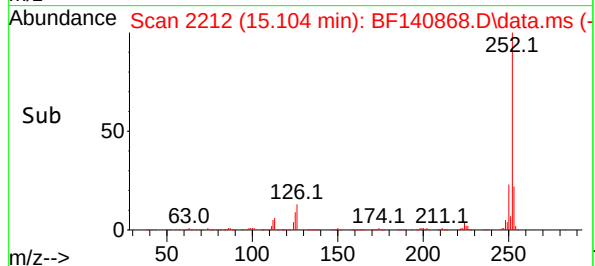
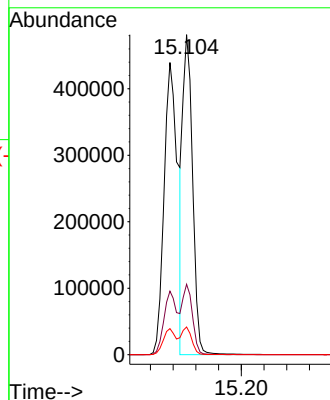
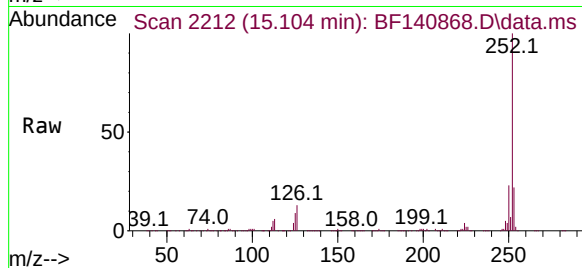
Tgt Ion:252 Resp: 578569

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 52.865 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

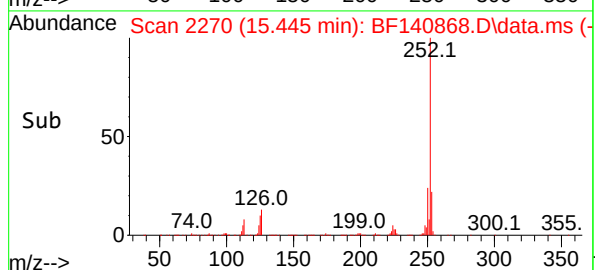
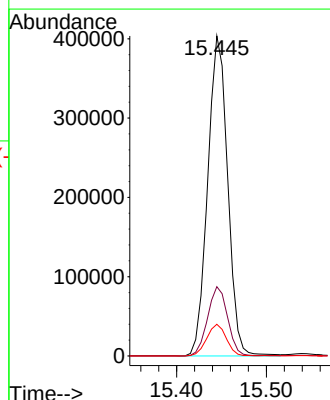
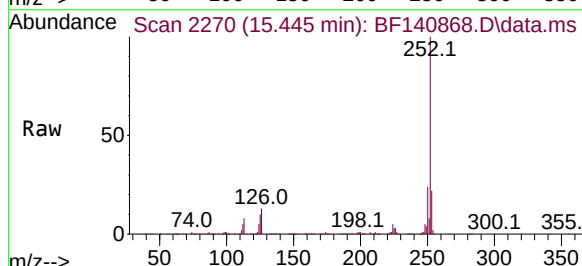
Tgt Ion:252 Resp: 624207

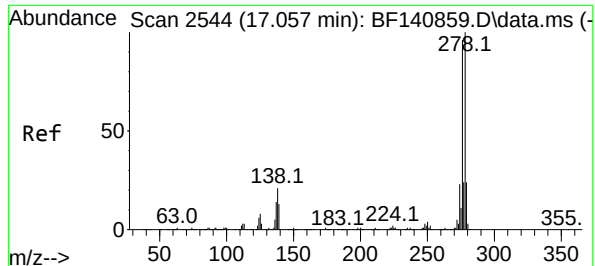
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.9 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 51.097 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

Instrument :

BNA_F

ClientSampleId :

PB165479BSD

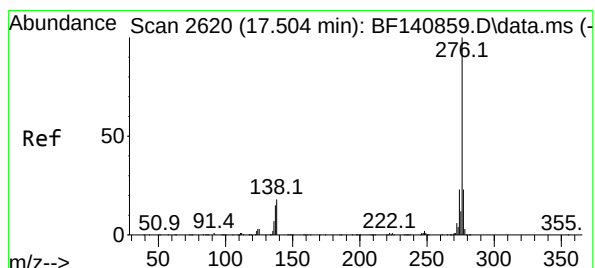
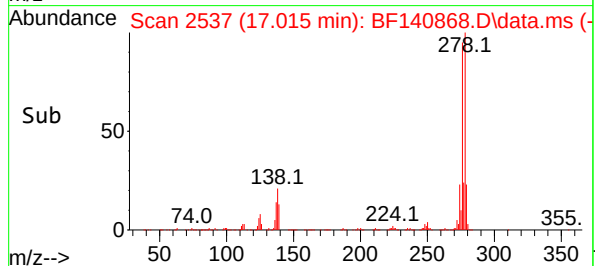
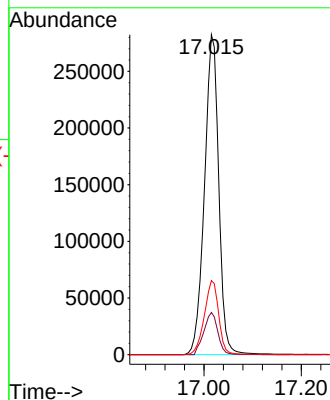
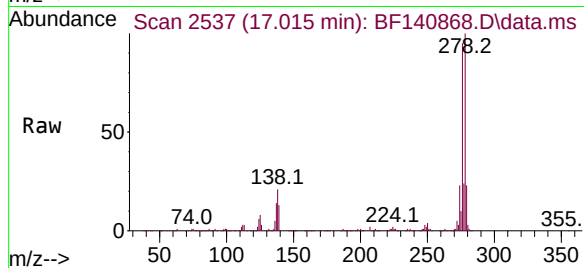
Tgt Ion:278 Resp: 573851

Ion Ratio Lower Upper

278 100

139 13.2 10.6 16.0

279 23.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 45.637 ng

RT: 17.462 min Scan# 2613

Delta R.T. -0.041 min

Lab File: BF140868.D

Acq: 16 Dec 2024 18:53

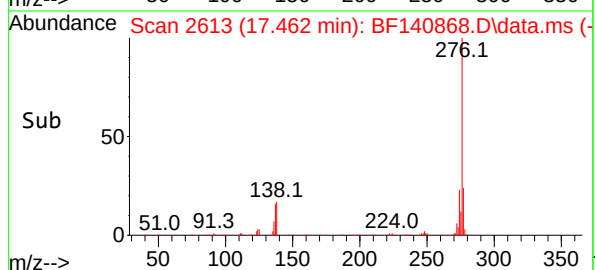
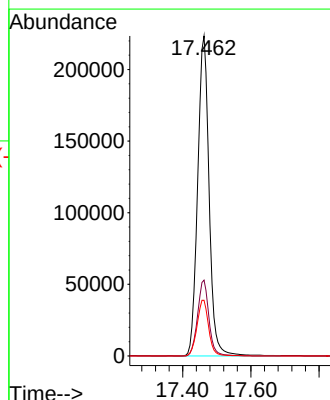
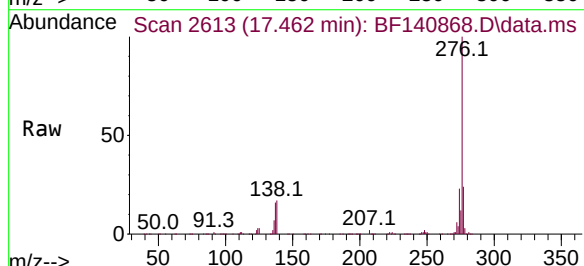
Tgt Ion:276 Resp: 521641

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 17.4 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
PB165479BS	BF140867.D	Caprolactam	yogesh	12/18/2024 1:39:52 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software
PB165479BSD	BF140868.D	Caprolactam	yogesh	12/18/2024 1:39:55 AM	mohammad	12/18/2024 2:36:39 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

bf121724

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

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 # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM
Supervise By	mohammad	Supervise On	12/18/2024 2:37:11 AM
SubDirectory	BF121724	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	BF140871.D	17 Dec 2024 08:58	RC/JU	Ok
2	SSTDCCC040	BF140872.D	17 Dec 2024 09:24	RC/JU	Ok
3	PB165543BL	BF140873.D	17 Dec 2024 09:50	RC/JU	Ok
4	PB165543BS	BF140874.D	17 Dec 2024 10:16	RC/JU	Ok,M
5	PB165623BL	BF140875.D	17 Dec 2024 10:43	RC/JU	Ok
6	PB165623BS	BF140876.D	17 Dec 2024 11:09	RC/JU	Not Ok
7	PB165623BSD	BF140877.D	17 Dec 2024 11:35	RC/JU	Not Ok
8	P5239-04	BF140878.D	17 Dec 2024 12:08	RC/JU	Not Ok
9	P5287-03	BF140879.D	17 Dec 2024 12:34	RC/JU	Ok
10	P5239-04MS	BF140880.D	17 Dec 2024 13:01	RC/JU	Ok,M
11	P5239-04MSD	BF140881.D	17 Dec 2024 13:27	RC/JU	Ok,NR
12	P5239-01	BF140882.D	17 Dec 2024 13:53	RC/JU	Not Ok
13	P5270-08	BF140883.D	17 Dec 2024 14:19	RC/JU	Dilution
14	P5192-02RE	BF140884.D	17 Dec 2024 14:45	RC/JU	Confirms
15	P5270-07DL	BF140885.D	17 Dec 2024 15:12	RC/JU	Dilution
16	P5270-08DL	BF140886.D	17 Dec 2024 15:38	RC/JU	Dilution
17	P5220-03RE	BF140887.D	17 Dec 2024 16:04	RC/JU	Confirms
18	P5268-01	BF140888.D	17 Dec 2024 16:30	RC/JU	Dilution
19	P5287-01	BF140889.D	17 Dec 2024 16:56	RC/JU	Ok
20	P5279-01	BF140890.D	17 Dec 2024 17:22	RC/JU	Ok,M
21	P5301-01	BF140891.D	17 Dec 2024 17:49	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM		
Supervise By	mohammad	Supervise On	12/18/2024 2:37:11 AM		
SubDirectory	BF121724	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					

22	P5301-03MS	BF140892.D	17 Dec 2024 18:15	RC/JU	Not Ok
23	P5301-03MSD	BF140893.D	17 Dec 2024 18:41	RC/JU	Not Ok
24	P5301-03	BF140894.D	17 Dec 2024 19:07	RC/JU	Ok,M

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 # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM
Supervise By	mohammad	Supervise On	12/18/2024 2:37:11 AM
SubDirectory	BF121724	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	BF140871.D	17 Dec 2024 08:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF140872.D	17 Dec 2024 09:24		RC/JU	Ok
3	PB165543BL	PB165543BL	BF140873.D	17 Dec 2024 09:50		RC/JU	Ok
4	PB165543BS	PB165543BS	BF140874.D	17 Dec 2024 10:16		RC/JU	Ok,M
5	PB165623BL	PB165623BL	BF140875.D	17 Dec 2024 10:43		RC/JU	Ok
6	PB165623BS	PB165623BS	BF140876.D	17 Dec 2024 11:09	BSD Not Ok	RC/JU	Not Ok
7	PB165623BSD	PB165623BSD	BF140877.D	17 Dec 2024 11:35	Recovery fail high for compound #72,78	RC/JU	Not Ok
8	P5239-04	WC-1	BF140878.D	17 Dec 2024 12:08	Already analysed with ok status	RC/JU	Not Ok
9	P5287-03	STONES-B	BF140879.D	17 Dec 2024 12:34		RC/JU	Ok
10	P5239-04MS	WC-1MS	BF140880.D	17 Dec 2024 13:01		RC/JU	Ok,M
11	P5239-04MSD	WC-1MSD	BF140881.D	17 Dec 2024 13:27		RC/JU	Ok,NR
12	P5239-01	WC-1	BF140882.D	17 Dec 2024 13:53	Already analysed	RC/JU	Not Ok
13	P5270-08	MW14-20241212	BF140883.D	17 Dec 2024 14:19	Need 20X dilution	RC/JU	Dilution
14	P5192-02RE	EFF-WASTE WATERR	BF140884.D	17 Dec 2024 14:45	Surrogate fail	RC/JU	Confirms
15	P5270-07DL	MW12-20241212DL	BF140885.D	17 Dec 2024 15:12	Need further 2X dilution	RC/JU	Dilution
16	P5270-08DL	MW14-20241212DL	BF140886.D	17 Dec 2024 15:38	Need further 2X dilution	RC/JU	Dilution
17	P5220-03RE	GAS-AUD-1610-1611-1	BF140887.D	17 Dec 2024 16:04	Fax is already given	RC/JU	Confirms

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF121724

Review By	yogesh	Review On	12/18/2024 1:50:43 AM		
Supervise By	mohammad	Supervise On	12/18/2024 2:37:11 AM		
SubDirectory	BF121724	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					

18	P5268-01	OR-02-12122024	BF140888.D	17 Dec 2024 16:30	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
19	P5287-01	STONES-A	BF140889.D	17 Dec 2024 16:56		RC/JU	Ok
20	P5279-01	ROCKAWAY-PARK	BF140890.D	17 Dec 2024 17:22		RC/JU	Ok,M
21	P5301-01	HR-01-121624	BF140891.D	17 Dec 2024 17:49	Internal Standard Fail -hydrocarbons	RC/JU	Ok
22	P5301-03MS	HR-04-121624MS	BF140892.D	17 Dec 2024 18:15	Internal Standard Fail	RC/JU	Not Ok
23	P5301-03MSD	HR-04-121624MSD	BF140893.D	17 Dec 2024 18:41	Internal Standard Fail	RC/JU	Not Ok
24	P5301-03	HR-04-121624	BF140894.D	17 Dec 2024 19:07		RC/JU	Ok,M

M : Manual Integration

SOP ID: M625.1-BNA-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 : 12/09/2024

Extraction Start Time : 08:38

Extraction End Date : 12/09/2024

Extraction End Time : 13:10

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☒ Separatory Funnel

☐ Continous 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 PPM	SP6640
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	E3845
Baked Na2SO4	N/A	EP2570
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

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 & >11 with 10 N NaOH.

KD Bath ID: Water bath -01

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/9/24	RP (Set Lab)	Relsvac
13:15	Preparation Group	Analysis Group

Analytical Method: M625.1-BNA-20

Concentration Date: 12/09/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165479BL	SBLK479	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB165479BS	SLCS479	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
PB165479BS D	SLCSD479	SVOCMS Group1	1000	6	RUPESH	ritesh	1			3
P5192-02	EFF-WASTE WATER	SVOCMS Group1	980	6	RUPESH	ritesh	1	C		4

* Extracts relinquished on the same date as received.

2
12/9/24

165111
8:236

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5192 WorkList ID : 186109 Department : Extraction Date : 12-09-2024 08:15:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5192-02	EFF-WASTE WATER	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	M11	12/06/2024	625.1

Date/Time 12/9/24 8:35
Raw Sample Received by: RL (Sat 12/9)
Raw Sample Relinquished by: JD (Sun)

Date/Time 12/9/24 8:05
Raw Sample Received by: JD (Sun)
Raw Sample Relinquished by: RS (Sat 12/9)



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: ARMORE INC
ADDRESS: 29 RIVERSIDE AVE BLDG 14
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Michael Sharphouse
PHONE: 973 481 2406 FAX: 973 481-2637

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT

1. 2. 3. 4. 5. 6. 7. 8. 9.
VDA CN SVDA BOD/TSS METALS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	EFF WASTE WATER	WW		X	12/6/27	7:15		X	X									
2.	EFF WASTE WATER	WW	X		12/6/27	6:45				X	X	X						
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>12/6/27 1425</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2-30.5</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: <u>12-6-27 1425</u>	RECEIVED BY: 2. <u>[Signature]</u>	Comments: <u>Zinc Lead Metals</u>
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Comments: <u>Fluoride</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 : P5192 ARDM01

Order Date : 12/6/2024 2:34:00 PM

Project Mgr :

Client Name : Ardmore Chemical

Project Name : PVSC Monthly 2024

Report Type : Level 1

Client Contact : Michael Sharpouse

Receive DateTime : 12/6/2024 2:25:00 PM

EDD Type : NONE

Invoice Name : Ardmore Chemical

Purchase Order :

Hard Copy Date :

Invoice Contact : Michael Sharpouse

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5192-01	EFF-WASTE WATER	Water	12/06/2024	07:55	VOC-PP		624.1		10 Bus. Days

Relinquished By : 

Date / Time : 12-6-24 15:35

Received By : 

Date / Time : 12-6-24 15:35

Storage Area : VOA Refridgerator Room