

Cover Page

Order ID : Q1282

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q1282-01

Client Sample Number

SW-WTS-02

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: 2/11/2025

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 #: Q1282

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: NILESH PRAJAPATI

Date: 02/11/2025



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LAB CHRONICLE

OrderID:	Q1282	OrderDate:	2/3/2025 4:26:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	D11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1282-01	SW-WTS-02	Water	SVOCMS Group4	8270E	01/31/25	02/05/25	02/05/25	02/03/25



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Hit Summary Sheet
SW-846

SDG No.: Q1282
Client: ENTACT

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.: Q1282

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB166567BL	PB166567BL	2-Fluorophenol	150	129	86		15 (10)	110 (139)
		Phenol-d6	150	127	85		15 (10)	110 (134)
		Nitrobenzene-d5	100	87.1	87		30 (49)	130 (133)
		2-Fluorobiphenyl	100	88.2	88		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	129	86		15 (44)	110 (137)
		Terphenyl-d14	100	79.3	79		30 (48)	130 (125)
PB166567BS	PB166567BS	2-Fluorophenol	150	138	92		15 (10)	110 (139)
		Phenol-d6	150	137	92		15 (10)	110 (134)
		Nitrobenzene-d5	100	95.5	95		30 (49)	130 (133)
		2-Fluorobiphenyl	100	95.3	95		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	143	96		15 (44)	110 (137)
		Terphenyl-d14	100	100	100		30 (48)	130 (125)
PB166567BSD	PB166567BSD	2-Fluorophenol	150	137	91		15 (10)	110 (139)
		Phenol-d6	150	135	90		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.5	92		30 (49)	130 (133)
		2-Fluorobiphenyl	100	92.8	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	138	92		15 (44)	110 (137)
		Terphenyl-d14	100	98.3	98		30 (48)	130 (125)
Q1282-01	SW-WTS-02	2-Fluorophenol	150	57.2	38		15 (10)	110 (139)
		Phenol-d6	150	32.4	22		15 (10)	110 (134)
		Nitrobenzene-d5	100	100.0	100		30 (49)	130 (133)
		2-Fluorobiphenyl	100	99.9	100		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	139	93		15 (44)	110 (137)
		Terphenyl-d14	100	103	103		30 (48)	130 (125)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1282

Client: ENTACT

Analytical Method: 8270E DataFile: BF141501.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166567BS	Phenol	50	44.5	ug/L	89				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	42.8	ug/L	86				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	43.5	ug/L	87				70 (41)	130 (115)	
	Naphthalene	50	43.0	ug/L	86				70 (64)	130 (107)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1282

Client: ENTACT

Analytical Method: 8270E DataFile: BF141502.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB166567BSD	Phenol	50	44.0	ug/L	88	1			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	43.7	ug/L	87	2			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	42.9	ug/L	86	1			70 (41)	130 (115)	20 (20)
	Naphthalene	50	42.0	ug/L	84	2			70 (64)	130 (107)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166567BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q1282

SAS No.: Q1282 SDG NO.: Q1282

Lab File ID: BF141499.D

Lab Sample ID: PB166567BL

Instrument ID: BNA_F

Date Extracted: 02/05/2025

Matrix: (soil/water) Water

Date Analyzed: 02/07/2025

Level: (low/med) LOW

Time Analyzed: 11:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166567BS	PB166567BS	BF141501.D	02/07/2025
PB166567BSD	PB166567BSD	BF141502.D	02/07/2025
SW-WTS-02	Q1282-01	BF141451.D	02/05/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1282 SDG NO.: Q1282Lab File ID: BF141289.DDFTPP Injection Date: 01/29/2025Instrument ID: BNA_FDFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	83.6
443	15.0 - 24.0% of mass 442	16.2 (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	BF141290.D	01/29/2025	10:30
SSTDICC005	SSTDICC005	BF141291.D	01/29/2025	10:56
SSTDICC010	SSTDICC010	BF141292.D	01/29/2025	11:49
SSTDICC020	SSTDICC020	BF141293.D	01/29/2025	15:17
SSTDICCC040	SSTDICCC040	BF141294.D	01/29/2025	15:45
SSTDICC050	SSTDICC050	BF141295.D	01/29/2025	16:11
SSTDICC060	SSTDICC060	BF141296.D	01/29/2025	16:38
SSTDICC080	SSTDICC080	BF141297.D	01/29/2025	17:05



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1282 SDG NO.: Q1282Lab File ID: BF141446.DDFTPP Injection Date: 02/05/2025Instrument ID: BNA_FDFTPP Injection Time: 14:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.8
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.7
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	6.3
275	10.0 - 60.0% of mass 198	26.9
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	82.1
443	15.0 - 24.0% of mass 442	14.9 (18.2) 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	BF141447.D	02/05/2025	15:16
SW-WTS-02	Q1282-01	BF141451.D	02/05/2025	17:08



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1282 SDG NO.: Q1282Lab File ID: BF141471.DDFTPP Injection Date: 02/06/2025Instrument ID: BNA_FDFTPP Injection Time: 10:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	75.9
443	15.0 - 24.0% of mass 442	14.4 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF141472.D	02/06/2025	11:07
SSTDICC005	SSTDICC005	BF141473.D	02/06/2025	11:34
SSTDICC010	SSTDICC010	BF141474.D	02/06/2025	12:00
SSTDICC020	SSTDICC020	BF141475.D	02/06/2025	12:26
SSTDICCC040	SSTDICCC040	BF141476.D	02/06/2025	12:55
SSTDICC050	SSTDICC050	BF141477.D	02/06/2025	13:21
SSTDICC060	SSTDICC060	BF141478.D	02/06/2025	13:47
SSTDICC080	SSTDICC080	BF141479.D	02/06/2025	14:14



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1282 SDG NO.: Q1282Lab File ID: BF141495.DDFTPP Injection Date: 02/07/2025Instrument ID: BNA_FDFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.6
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	50.4
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	6.4
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	71.8
443	15.0 - 24.0% of mass 442	13.6 (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	BF141496.D	02/07/2025	09:55
PB166567BL	PB166567BL	BF141499.D	02/07/2025	11:13
PB166567BS	PB166567BS	BF141501.D	02/07/2025	12:06
PB166567BSD	PB166567BSD	BF141502.D	02/07/2025	12:32

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1282 SAS No.: Q1282 SDG NO.: Q1282

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/05/2025

Lab File ID: BF141447.D Time Analyzed: 15:16

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	82418	6.792	312528	8.08	169230	9.83
UPPER LIMIT	164836	7.292	625056	8.575	338460	10.328
LOWER LIMIT	41209	6.292	156264	7.575	84615	9.328
EPA SAMPLE NO.						
01 SW-WTS-02	72278	6.79	284515	8.07	152157	9.83

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.: Q1282 SAS No.: Q1282 SDG NO.: Q1282

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/05/2025

Lab File ID: BF141447.D Time Analyzed: 15:16

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	293274	11.316	189132	13.963	170936	15.421
UPPER LIMIT	586548	11.816	378264	14.463	341872	15.921
LOWER LIMIT	146637	10.816	94566	13.463	85468	14.921
EPA SAMPLE NO.						
01 SW-WTS-02	251131	11.31	141120	13.96	162119	15.43

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.: Q1282 SAS No.: Q1282 SDG NO.: Q1282

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/07/2025

Lab File ID: BF141496.D Time Analyzed: 09:55

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	91214	6.787	362855	8.08	201746	9.83
UPPER LIMIT	182428	7.287	725710	8.575	403492	10.328
LOWER LIMIT	45607	6.287	181428	7.575	100873	9.328
EPA SAMPLE NO.						
01 PB166567BS	86138	6.79	343914	8.07	192640	9.83
02 PB166567BSD	84896	6.79	345705	8.07	190426	9.83
03 PB166567BL	87260	6.79	356234	8.07	200585	9.82

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.: Q1282 SAS No.: Q1282 SDG NO.: Q1282

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/07/2025

Lab File ID: BF141496.D Time Analyzed: 09:55

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	342006	11.316	240401	13.957	192218	15.41
UPPER LIMIT	684012	11.816	480802	14.457	384436	15.91
LOWER LIMIT	171003	10.816	120201	13.457	96109	14.91
EPA SAMPLE NO.						
01 PB166567BS	334566	11.32	239866	13.96	194232	15.42
02 PB166567BSD	334349	11.32	235381	13.96	189950	15.41
03 PB166567BL	360982	11.31	310105	13.95	269507	15.40

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:	ENTACT	Date Collected:	01/31/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	02/03/25
Client Sample ID:	SW-WTS-02	SDG No.:	Q1282
Lab Sample ID:	Q1282-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141451.D	1	02/05/25 09:02	02/05/25 17:08	PB166567

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	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
SURROGATES						
367-12-4	2-Fluorophenol	57.2		15 (10) - 110 (139)	38%	SPK: 150
13127-88-3	Phenol-d6	32.4		15 (10) - 110 (134)	22%	SPK: 150
4165-60-0	Nitrobenzene-d5	100.0		30 (49) - 130 (133)	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.9		30 (52) - 130 (132)	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		15 (44) - 110 (137)	93%	SPK: 150
1718-51-0	Terphenyl-d14	103		30 (48) - 130 (125)	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	72300	6.787			
1146-65-2	Naphthalene-d8	285000	8.069			
15067-26-2	Acenaphthene-d10	152000	9.828			
1517-22-2	Phenanthrene-d10	251000	11.31			
1719-03-5	Chrysene-d12	141000	13.957			
1520-96-3	Perylene-d12	162000	15.427			

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\BF020525\
Data File : BF141451.D
Acq On : 05 Feb 2025 17:08
Operator : RC/JU
Sample : Q1282-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Quant Time: Feb 05 17:39:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	72278	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	284515	20.000	ng	-0.02
39) Acenaphthene-d10	9.828	164	152157	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	251131	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	141120	20.000	ng	#-0.02
86) Perylene-d12	15.427	264	162119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	269426	57.227	ng	0.00
7) Phenol-d6	6.428	99	194273	32.437	ng	-0.01
23) Nitrobenzene-d5	7.351	82	539508	99.963	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	194352	139.328	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	987225	99.866	ng	-0.01
79) Terphenyl-d14	12.904	244	946523	103.438	ng	-0.01

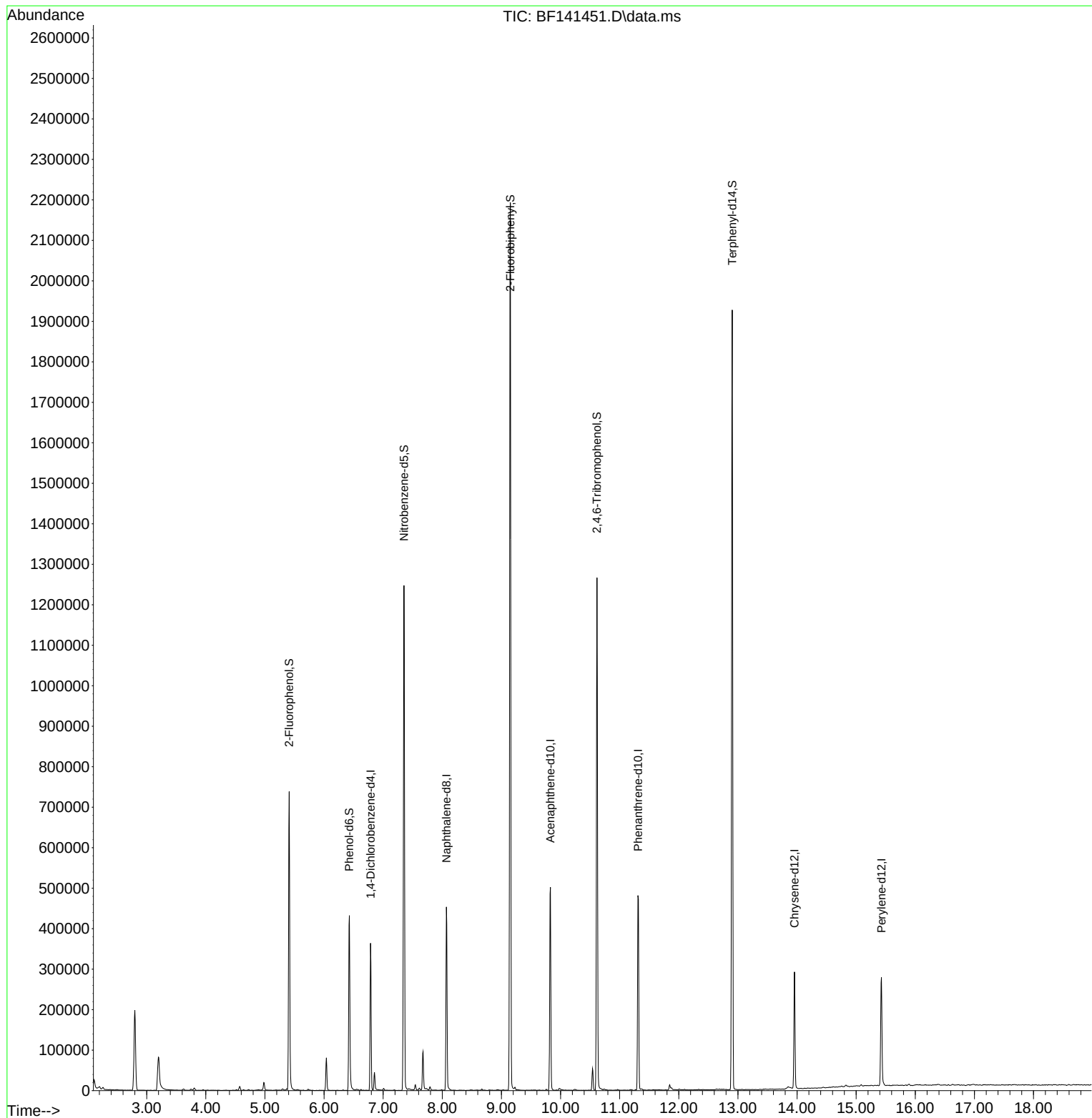
Target Compounds	Qvalue

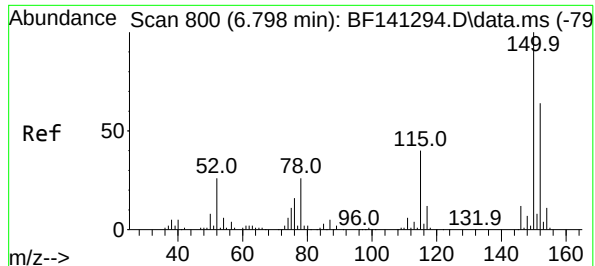
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141451.D
Acq On : 05 Feb 2025 17:08
Operator : RC/JU
Sample : Q1282-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

Quant Time: Feb 05 17:39:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

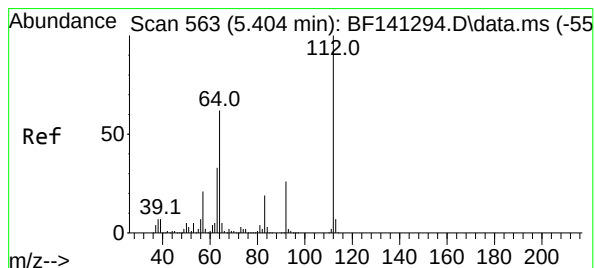
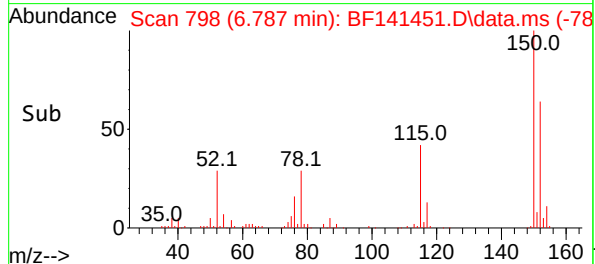
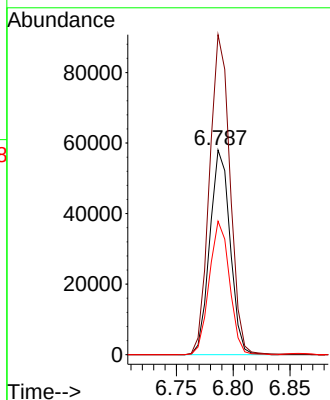
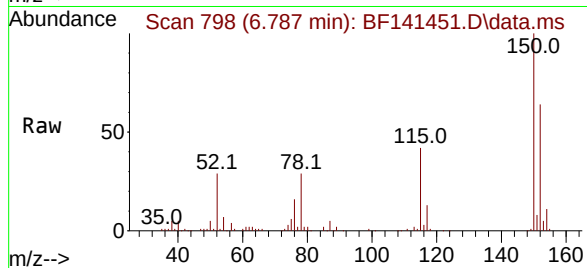




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

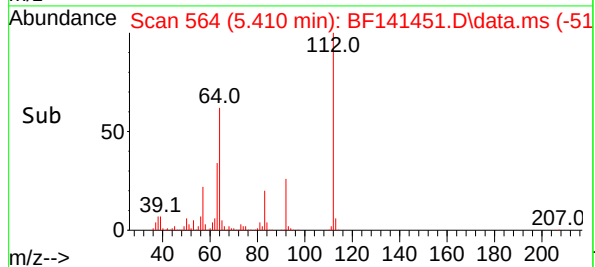
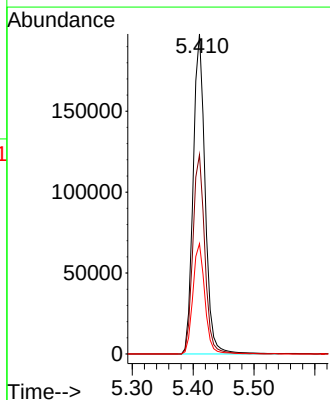
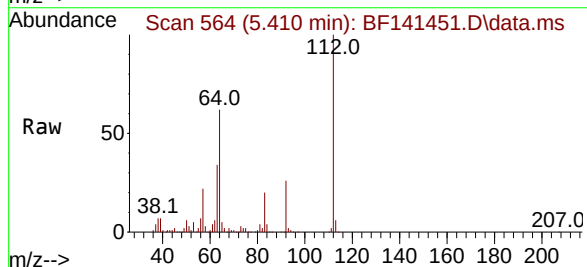
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

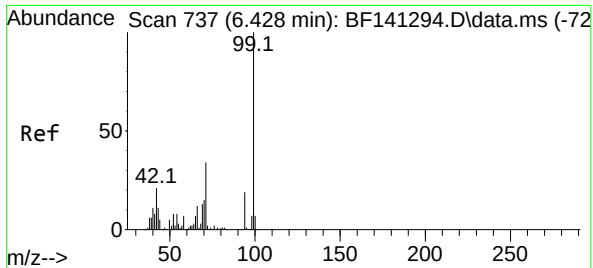
Tgt Ion:152 Resp: 72278
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 65.2 49.7 74.5



#5
2-Fluorophenol
Concen: 57.227 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:112 Resp: 269426
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 34.4 26.1 39.1

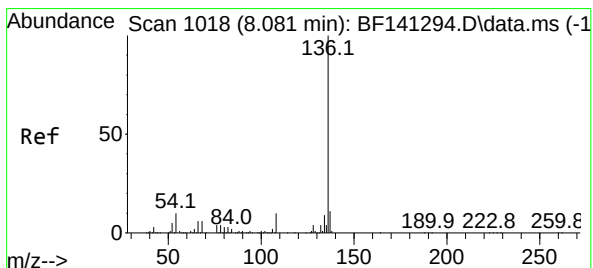
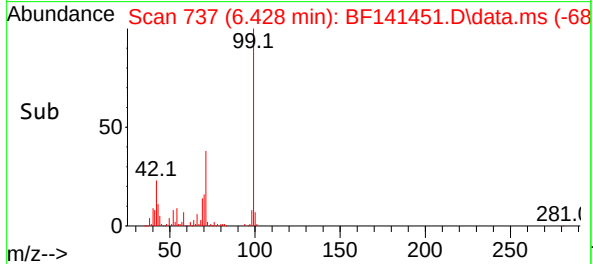
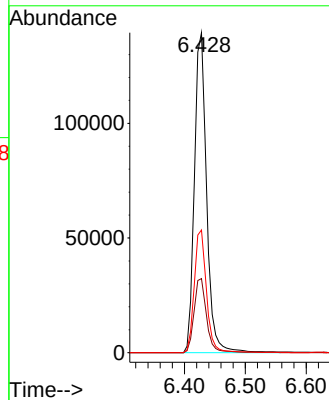
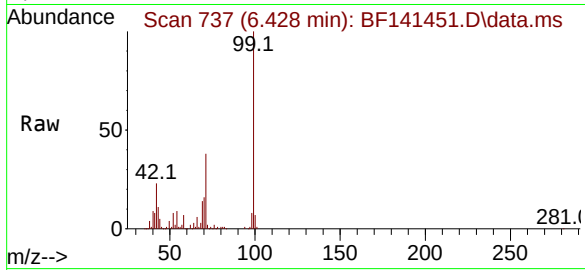




#7
Phenol-d6
Concen: 32.437 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

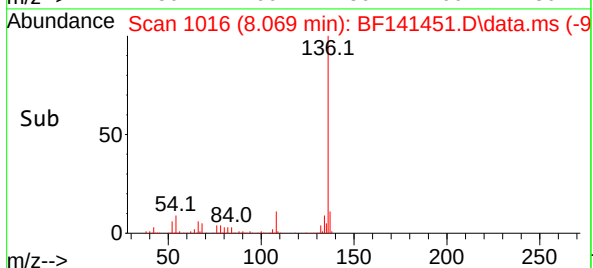
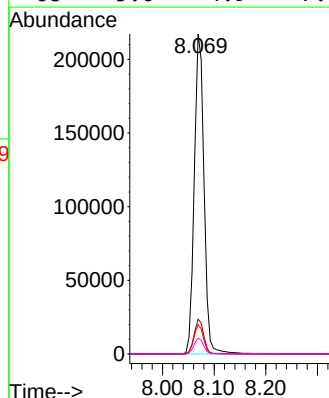
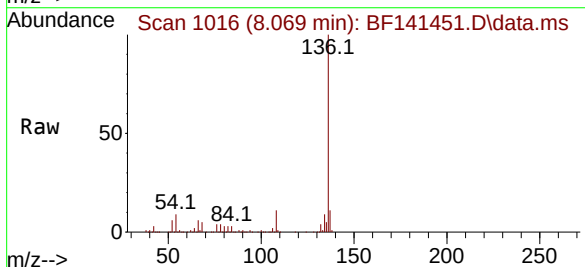
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

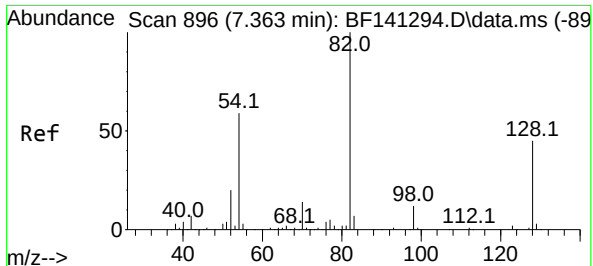
Tgt Ion: 99 Resp: 194273
Ion Ratio Lower Upper
99 100
42 23.1 17.1 25.7
71 38.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion: 136 Resp: 284515
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 99.963 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

Instrument :

BNA_F

ClientSampleId :

SW-WTS-02

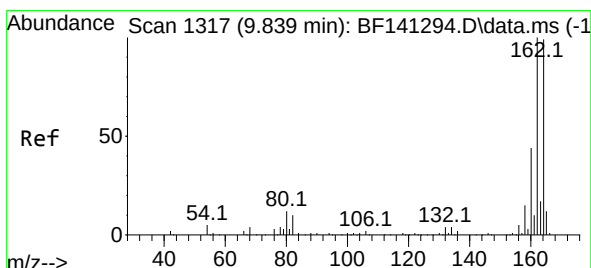
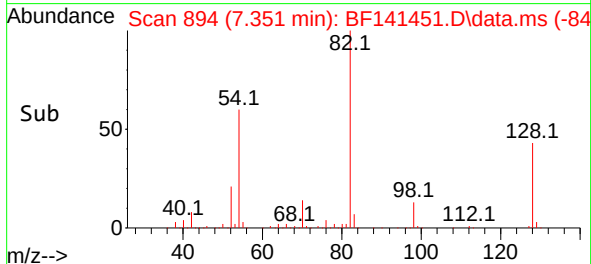
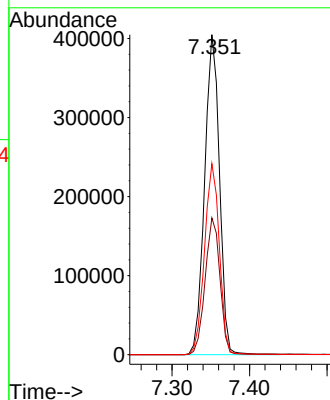
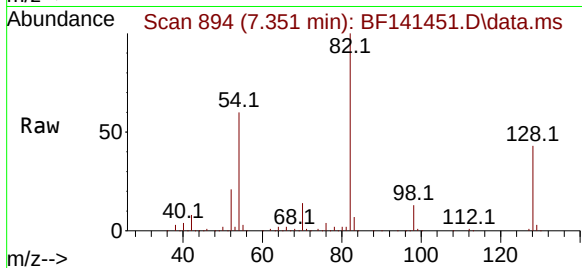
Tgt Ion: 82 Resp: 539508

Ion Ratio Lower Upper

82 100

128 42.8 35.7 53.5

54 59.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

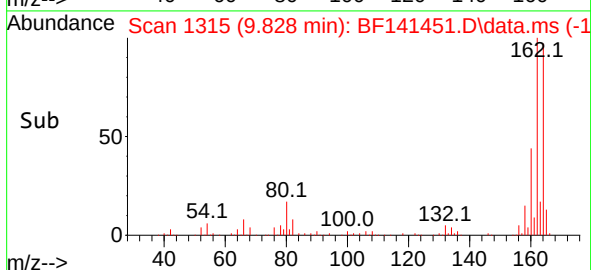
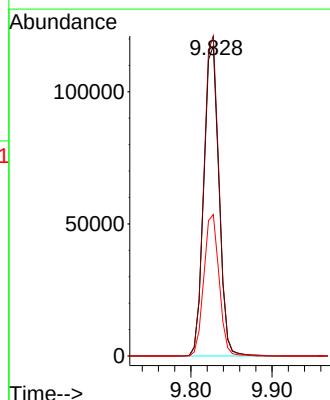
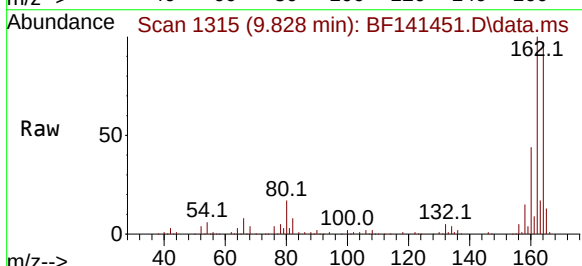
Tgt Ion:164 Resp: 152157

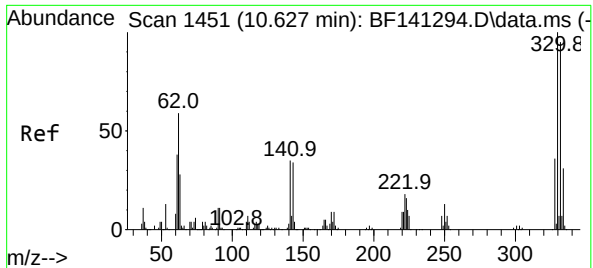
Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 139.328 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141451.D

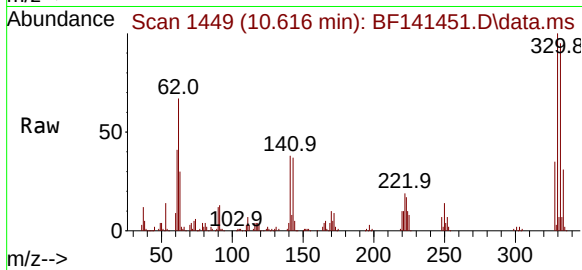
Acq: 05 Feb 2025 17:08

Instrument :

BNA_F

ClientSampleId :

SW-WTS-02



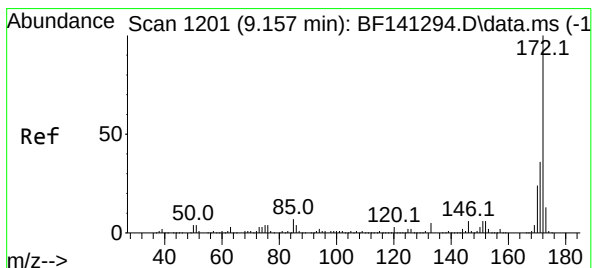
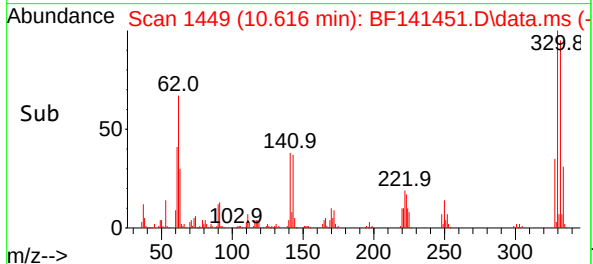
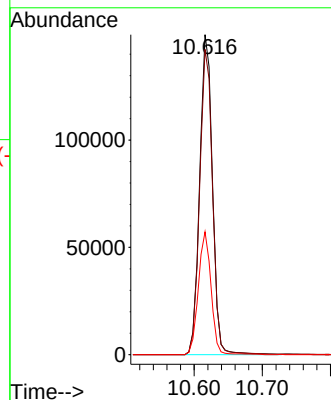
Tgt Ion:330 Resp: 194352

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

141 38.2 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 99.866 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

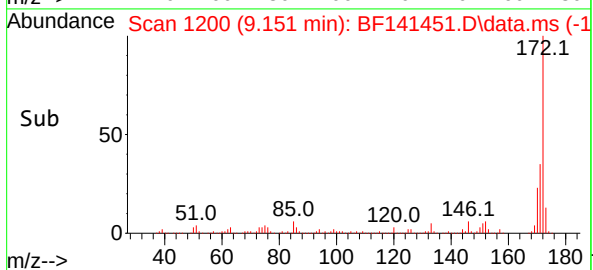
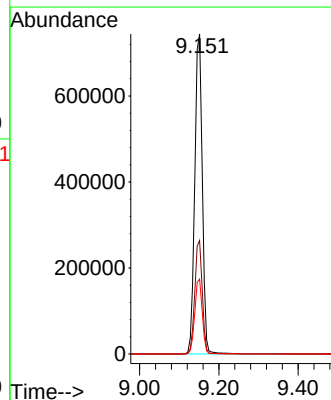
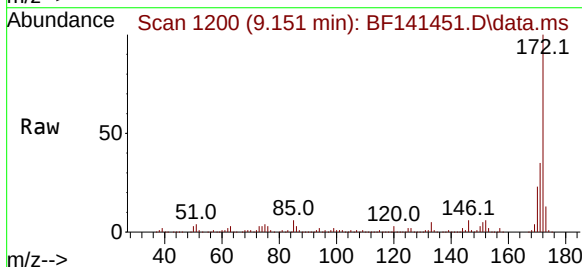
Tgt Ion:172 Resp: 987225

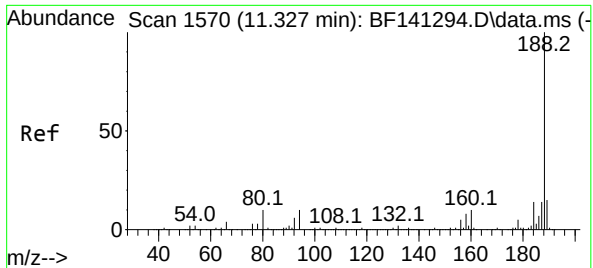
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 19.0 28.6

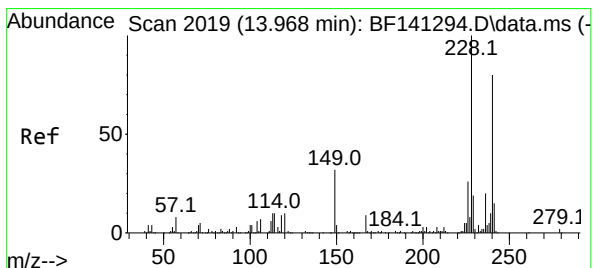
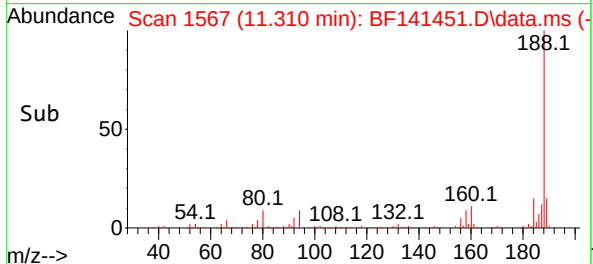
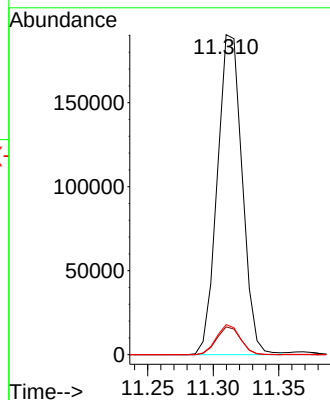
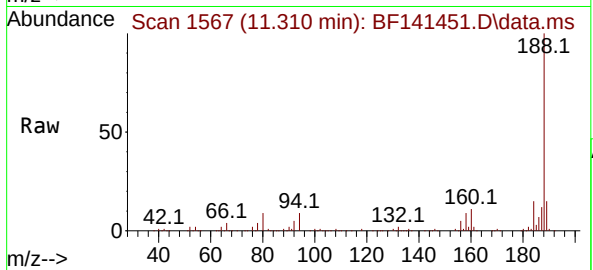




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

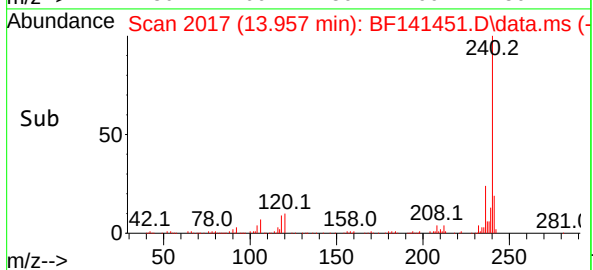
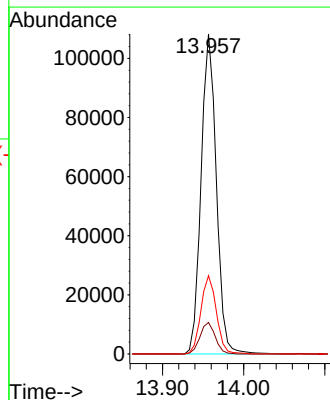
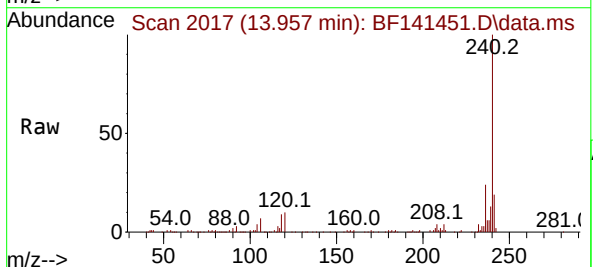
Instrument :
BNA_F
ClientSampleId :
SW-WTS-02

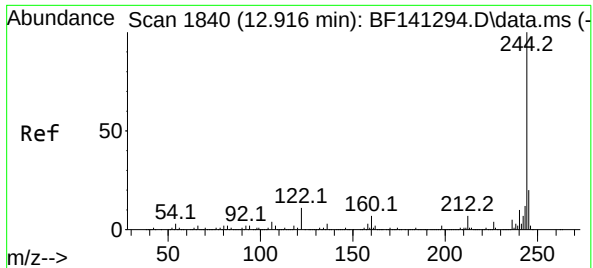
Tgt Ion:188 Resp: 251131
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141451.D
Acq: 05 Feb 2025 17:08

Tgt Ion:240 Resp: 141120
Ion Ratio Lower Upper
240 100
120 9.9 10.0 15.0#
236 24.4 19.7 29.5





#79

Terphenyl-d14

Concen: 103.438 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

Instrument :

BNA_F

ClientSampleId :

SW-WTS-02

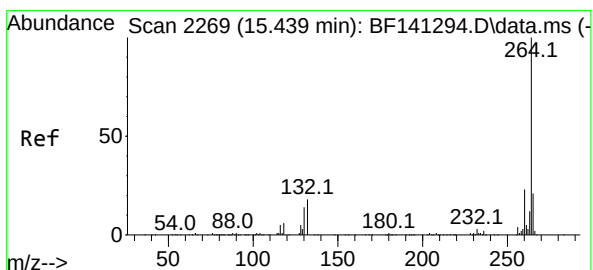
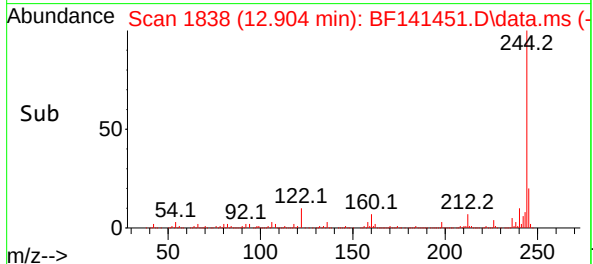
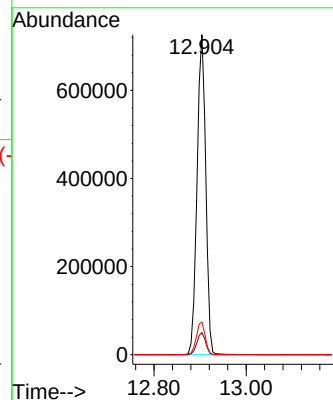
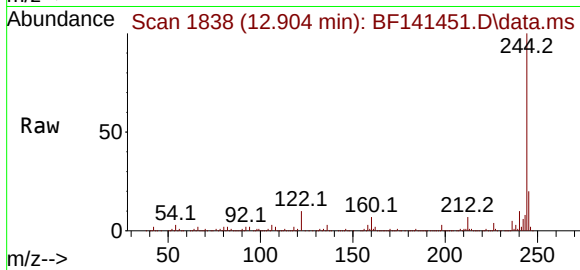
Tgt Ion:244 Resp: 946523

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.2 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141451.D

Acq: 05 Feb 2025 17:08

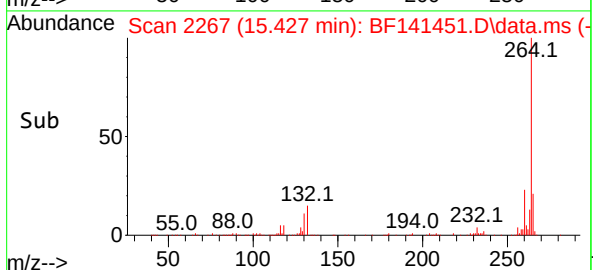
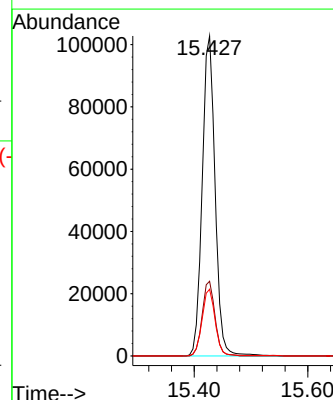
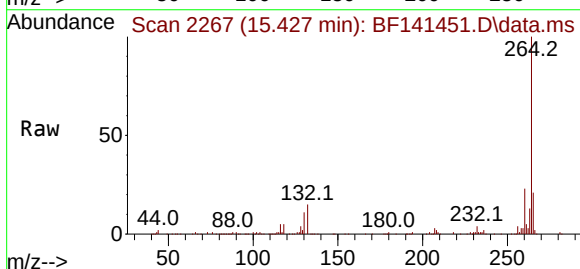
Tgt Ion:264 Resp: 162119

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.9 16.7 25.1





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: Q1282 SAS No.: Q1282 SDG No.: Q1282
 Instrument ID: BNA_F Calibration Date(s): 01/29/2025 01/29/2025
 Calibration Time(s): 10:30 17:05

LAB FILE ID:		RRF2.5 = BF141290.D		RRF005 = BF141291.D		RRF010 = BF141292.D		
		RRF020 = BF141293.D		RRF040 = BF141294.D		RRF050 = BF141295.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.428	1.391	1.402	1.201	1.267	1.303	8.0
Phenol-d6		1.841	1.800	1.743	1.520	1.611	1.657	8.5
Phenol		1.938	1.879	1.884	1.643	1.696	1.757	8.2
1,4-Dichlorobenzene		1.719	1.663	1.659	1.432	1.502	1.547	8.7
Nitrobenzene-d5		0.405	0.396	0.406	0.354	0.373	0.379	6.1
1,2,4-Trichlorobenzene		0.372	0.354	0.354	0.304	0.318	0.330	9.1
Naphthalene		1.193	1.145	1.140	0.976	1.020	1.057	9.7
2-Fluorobiphenyl		1.597	1.464	1.398	1.184	1.202	1.299	14.5
2,4,6-Tribromophenol		0.198	0.198	0.198	0.173	0.175	0.183	8.0
Terphenyl-d14		1.543	1.411	1.370	1.183	1.238	1.297	11.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF012925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jan 29 17:41:25 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF141290.D 5 =BF141291.D 10 =BF141292.D 20 =BF141293.D 40 =BF141294.D 50 =BF141295.D 60 =BF141296.D 80 =BF141297.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.600	0.603	0.597	0.538	0.574	0.569	0.530	0.573	5.19	
3)	Pyridine	1.364	1.410	1.450	1.320	1.394	1.404	1.322	1.380	3.46	
4)	n-Nitrosodimet...	0.770	0.789	0.824	0.751	0.803	0.813	0.771	0.789	3.32	
5) S	2-Fluorophenol	1.428	1.391	1.402	1.201	1.267	1.268	1.163	1.303	8.03	
6)	Aniline	1.480	1.511	1.542	1.359	1.404	1.350	1.174	1.403	8.93	
7) S	Phenol-d6	1.841	1.800	1.743	1.520	1.611	1.611	1.475	1.657	8.47	
8)	2-Chlorophenol	1.535	1.510	1.487	1.297	1.353	1.355	1.237	1.396	8.24	
9)	Benzaldehyde	1.166	1.130	1.104	0.895	0.861	0.837	0.727	0.960	17.81	
10) C	Phenol	1.938	1.879	1.884	1.643	1.696	1.704	1.554	1.757	8.22	
11)	bis(2-Chloroet...	1.478	1.413	1.426	1.232	1.299	1.329	1.253	1.347	6.93	
12)	1,3-Dichlorobe...	1.697	1.668	1.648	1.429	1.499	1.474	1.362	1.540	8.49	
13) C	1,4-Dichlorobe...	1.719	1.663	1.659	1.432	1.502	1.487	1.365	1.547	8.66	
14)	1,2-Dichlorobe...	1.629	1.609	1.565	1.338	1.392	1.366	1.240	1.448	10.46	
15)	Benzyl Alcohol	1.138	1.201	1.216	1.082	1.137	1.125	1.028	1.133	5.72	
16)	2,2'-oxybis(1-...	2.533	2.484	2.495	2.189	2.296	2.287	2.112	2.342	7.01	
17)	2-Methylphenol	1.237	1.175	1.210	1.042	1.107	1.120	1.053	1.135	6.62	
18)	Hexachloroethane	0.609	0.612	0.610	0.530	0.560	0.561	0.513	0.571	7.09	
19) P	n-Nitroso-di-n...	1.084	1.052	1.060	1.032	0.895	0.936	0.945	0.874	0.985	8.27
20)	3+4-Methylphenols	1.561	1.564	1.502	1.287	1.331	1.323	1.186	1.393	10.65	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.547	0.523	0.517	0.436	0.449	0.443	0.412	0.475	11.06	
23) S	Nitrobenzene-d5	0.405	0.396	0.406	0.354	0.373	0.373	0.349	0.379	6.14	
24)	Nitrobenzene	0.418	0.411	0.420	0.371	0.385	0.389	0.358	0.393	6.14	
25)	Isophorone	0.698	0.685	0.694	0.611	0.640	0.648	0.615	0.656	5.62	
26) C	2-Nitrophenol	0.176	0.187	0.199	0.177	0.189	0.191	0.179	0.185	4.66	
27)	2,4-Dimethylph...	0.244	0.239	0.249	0.224	0.235	0.238	0.223	0.236	4.12	
28)	bis(2-Chloroet...	0.454	0.440	0.445	0.389	0.405	0.411	0.384	0.418	6.70	
29) C	2,4-Dichloroph...	0.307	0.300	0.312	0.271	0.284	0.286	0.262	0.289	6.39	
30)	1,2,4-Trichlor...	0.372	0.354	0.354	0.304	0.318	0.316	0.292	0.330	9.11	
31)	Naphthalene	1.193	1.145	1.140	0.976	1.020	1.002	0.919	1.057	9.72	
32)	Benzoic acid	0.140	0.178	0.238	0.221	0.241	0.259	0.242	0.217	19.59	
33)	4-Chloroaniline	0.382	0.378	0.391	0.338	0.351	0.349	0.318	0.358	7.38	
34) C	Hexachlorobuta...	0.209	0.207	0.209	0.179	0.190	0.187	0.174	0.194	7.52	
35)	Caprolactam	0.097	0.095	0.102	0.089	0.094	0.096	0.089	0.094	4.89	
36) C	4-Chloro-3-met...	0.328	0.328	0.334	0.287	0.301	0.307	0.283	0.310	6.71	
37)	2-Methylnaphth...	0.755	0.732	0.724	0.624	0.643	0.639	0.583	0.672	9.68	
38)	1-Methylnaphth...	0.757	0.723	0.711	0.606	0.625	0.623	0.573	0.660	10.56	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF012925.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.615	0.613	0.603	0.534	0.555	0.551	0.512	0.569	7.25	
41) P	Hexachlorocycl...	0.136	0.157	0.174	0.172	0.182	0.181	0.174	0.168	9.69	
42) S	2,4,6-Tribromo...	0.198	0.198	0.198	0.173	0.175	0.179	0.163	0.183	7.98	
43) C	2,4,6-Trichlor...	0.381	0.380	0.390	0.364	0.375	0.369	0.347	0.372	3.79	
44)	2,4,5-Trichlor...	0.429	0.425	0.429	0.377	0.391	0.403	0.383	0.405	5.50	
45) S	2-Fluorobiphenyl	1.597	1.464	1.398	1.184	1.202	1.168	1.083	1.299	14.48	
46)	1,1'-Biphenyl	1.810	1.692	1.650	1.454	1.492	1.460	1.360	1.560	10.27	
47)	2-Chloronaphth...	1.396	1.310	1.290	1.122	1.159	1.156	1.077	1.216	9.59	
48)	2-Nitroaniline	0.386	0.389	0.407	0.364	0.382	0.385	0.364	0.382	3.91	
49)	Acenaphthylene	1.921	1.854	1.815	1.595	1.620	1.612	1.495	1.702	9.38	
50)	Dimethylphthalate	1.498	1.456	1.445	1.239	1.299	1.296	1.223	1.351	8.34	
51)	2,6-Dinitrotol...	0.333	0.331	0.333	0.296	0.304	0.309	0.290	0.314	5.90	
52) C	Acenaphthene	1.361	1.300	1.291	1.128	1.170	1.180	1.079	1.216	8.46	
53)	3-Nitroaniline	0.321	0.330	0.341	0.303	0.293	0.298	0.264	0.307	8.44	
54) P	2,4-Dinitrophenol		0.102	0.136	0.147	0.156	0.169	0.164	0.146	16.81	
55)	Dibenzofuran	1.869	1.788	1.755	1.518	1.525	1.539	1.398	1.627	10.72	
56) P	4-Nitrophenol	0.187	0.215	0.251	0.224	0.231	0.244	0.222	0.225	9.21	
57)	2,4-Dinitrotol...	0.424	0.431	0.443	0.386	0.392	0.404	0.362	0.406	7.03	
58)	Fluorene	1.512	1.410	1.353	1.167	1.164	1.172	1.059	1.262	12.96	
59)	2,3,4,6-Tetrac...	0.325	0.343	0.341	0.304	0.305	0.324	0.291	0.319	6.11	
60)	Diethylphthalate	1.470	1.417	1.412	1.225	1.238	1.260	1.146	1.310	9.32	
61)	4-Chlorophenyl...	0.738	0.694	0.659	0.567	0.565	0.571	0.522	0.617	13.04	
62)	4-Nitroaniline	0.297	0.312	0.330	0.290	0.294	0.311	0.281	0.302	5.45	
63)	Azobenzene	1.464	1.411	1.390	1.224	1.249	1.276	1.162	1.311	8.51	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.080	0.105	0.122	0.125	0.131	0.134	0.131	0.118	16.29	
66) c	n-Nitrosodiphe...	0.716	0.684	0.674	0.626	0.622	0.614	0.593	0.647	6.89	
67)	4-Bromophenyl-...	0.235	0.234	0.234	0.217	0.218	0.220	0.210	0.224	4.57	
68)	Hexachlorobenzene	0.257	0.250	0.248	0.229	0.229	0.232	0.217	0.238	6.07	
69)	Atrazine	0.211	0.202	0.213	0.213	0.215	0.235	0.224	0.216	4.86	
70) C	Pentachlorophenol	0.112	0.136	0.146	0.143	0.146	0.149	0.141	0.139	9.08	
71)	Phenanthrene	1.233	1.170	1.142	1.025	1.008	1.010	0.937	1.075	9.96	
72)	Anthracene	1.179	1.146	1.120	1.009	0.999	0.996	0.924	1.053	9.00	
73)	Carbazole	1.019	1.014	1.021	0.899	0.878	0.900	0.807	0.934	9.04	
74)	Di-n-butylphth...	1.244	1.239	1.245	1.086	1.051	1.081	0.978	1.132	9.65	
75) C	Fluoranthene	1.195	1.202	1.196	1.013	0.963	0.982	0.880	1.062	12.57	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.882	0.480	0.210	0.730	0.906	0.724	0.556	0.641	38.34	
78)	Pyrene	2.178	2.063	2.002	1.754	1.870	1.898	1.674	1.920	9.14	
79) S	Terphenyl-d14	1.543	1.411	1.370	1.183	1.238	1.230	1.103	1.297	11.68	
80)	Butylbenzylpht...	0.686	0.690	0.739	0.626	0.657	0.688	0.610	0.671	6.49	
81)	Benzo(a)anthra...	1.532	1.410	1.453	1.270	1.375	1.355	1.265	1.380	6.96	
82)	3,3'-Dichlorob...	0.412	0.422	0.427	0.418	0.478	0.466	0.449	0.439	5.82	
83)	Chrysene	1.332	1.325	1.342	1.136	1.267	1.243	1.210	1.265	5.98	
84)	Bis(2-ethylhex...	0.882	0.903	0.956	0.785	0.831	0.834	0.764	0.851	7.93	
85) c	Di-n-octyl pht...	1.194	1.267	1.438	1.230	1.365	1.406	1.352	1.321	6.98	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF012925.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.217 1.268 1.337 1.257 1.348 1.322 1.287 1.291	3.67
88)	Benzo(b)fluora...	1.358 1.382 1.328 1.120 1.265 1.218 1.136 1.258	8.33
89)	Benzo(k)fluora...	1.167 1.114 1.274 1.083 1.049 1.060 1.054 1.114	7.32
90) C	Benzo(a)pyrene	1.118 1.059 1.131 1.011 1.061 1.051 1.010 1.063	4.44
91)	Dibenzo(a,h)an...	0.966 1.001 1.101 1.016 1.087 1.071 1.028 1.039	4.73
92)	Benzo(g,h,i)pe...	1.011 1.075 1.139 1.043 1.123 1.105 1.063 1.080	4.22

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141290.D
 Acq On : 29 Jan 2025 10:30
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jan 29 16:26:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

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

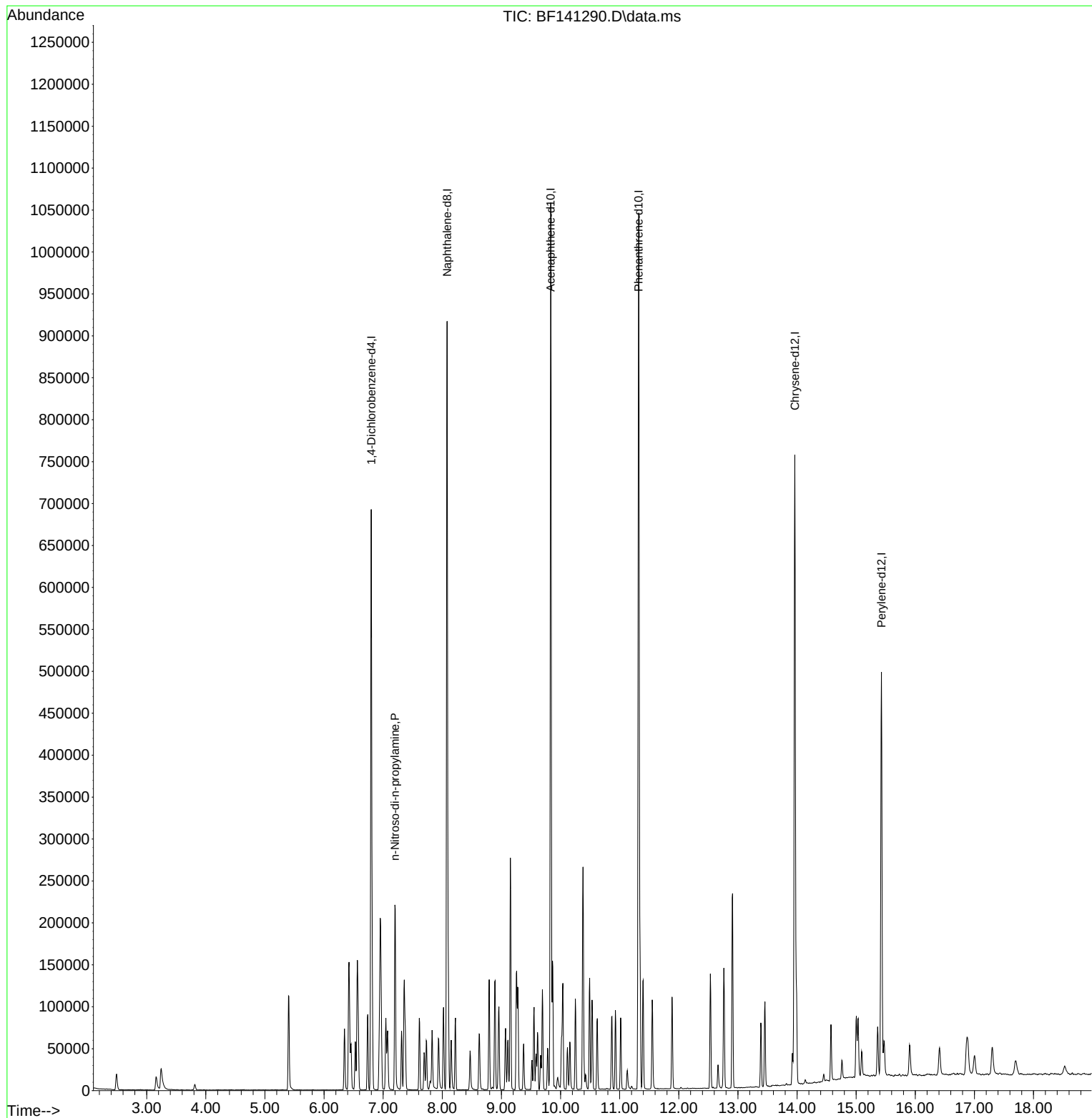
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	137039	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	552749	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	301993	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	536934	20.000	ng	0.00
76) Chrysene-d12	13.963	240	311885	20.000	ng	0.00
86) Perylene-d12	15.427	264	276754	20.000	ng	-0.01
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...	7.198	70	18566	2.764	ng	Qvalue 99

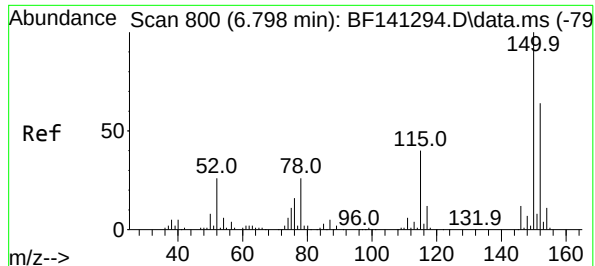
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141290.D
Acq On : 29 Jan 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

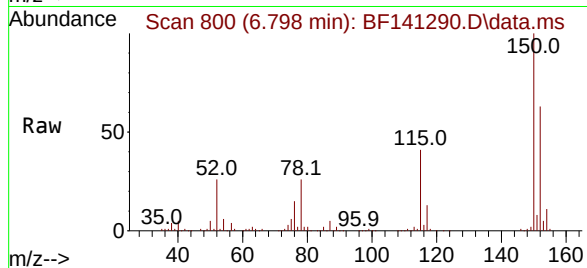
Quant Time: Jan 29 16:26:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration



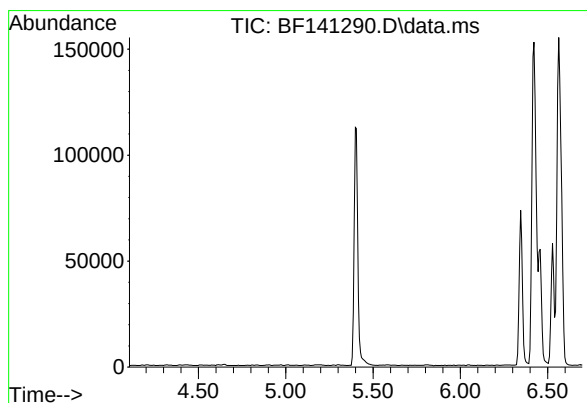
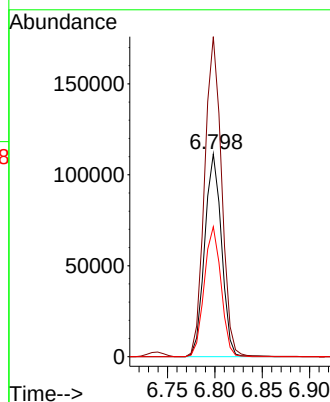
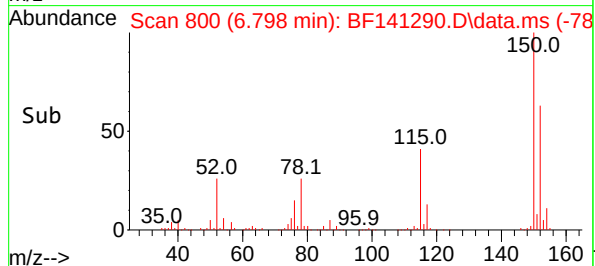


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



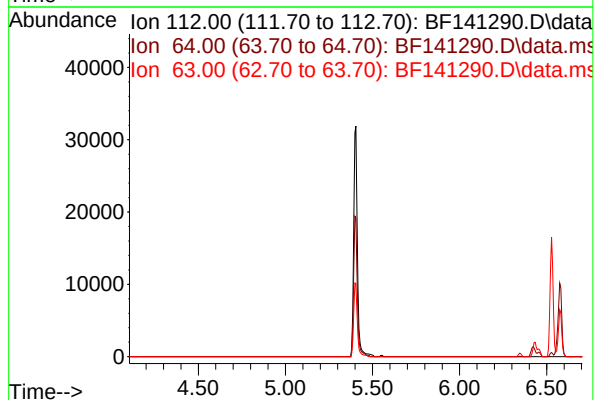
Tgt Ion:152 Resp: 137039
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 64.0 49.7 74.5



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.40 min

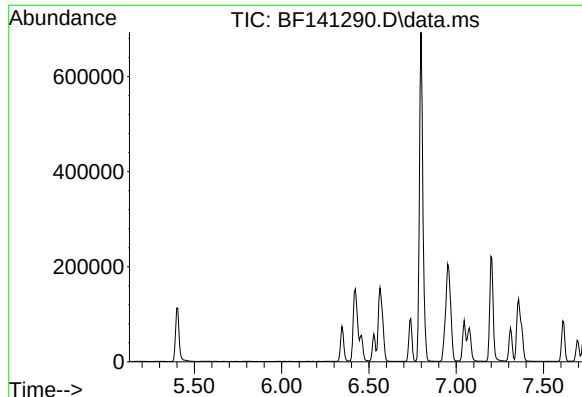
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 112
Sig Exp Ratio
112 100
64 62.3
63 32.6



Ion 64.00 (63.70 to 64.70): BF141290.D\data.ms

Ion 63.00 (62.70 to 63.70): BF141290.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.43 min

Lab File: BF141290.D

Acq: 29 Jan 2025 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

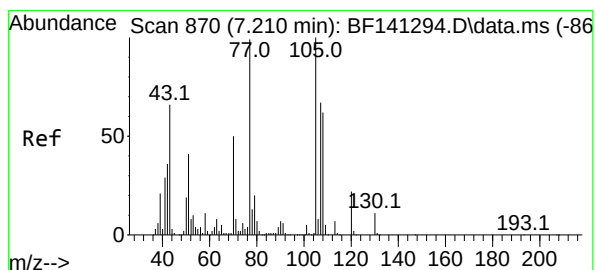
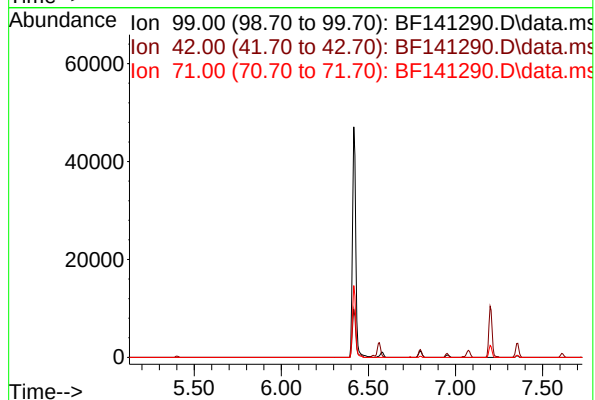
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 33.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.764 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF141290.D

Acq: 29 Jan 2025 10:30

Tgt Ion: 70 Resp: 18566

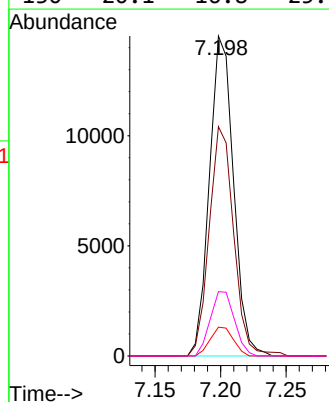
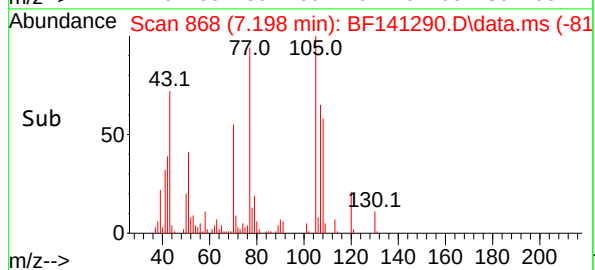
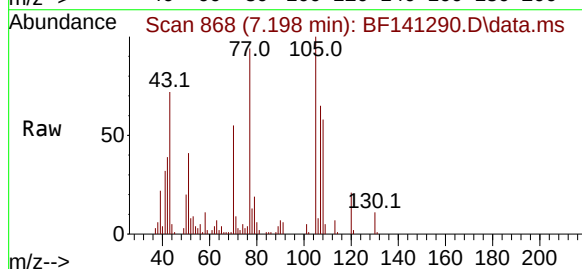
Ion Ratio Lower Upper

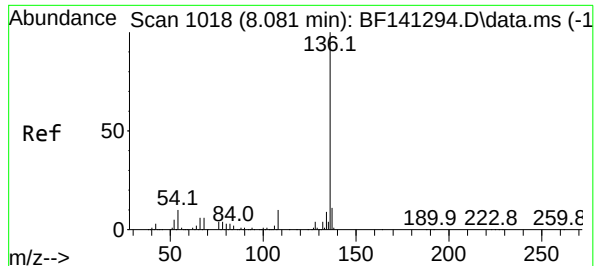
70 100

42 71.6 56.8 85.2

101 9.0 7.7 11.5

130 20.1 16.8 25.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141290.D

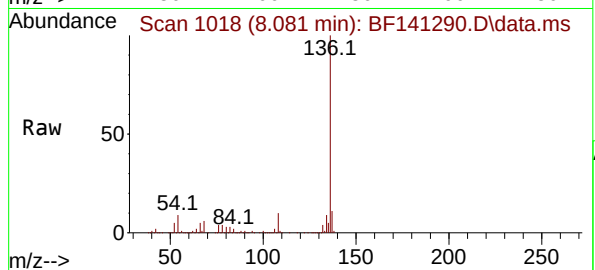
Acq: 29 Jan 2025 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 552749

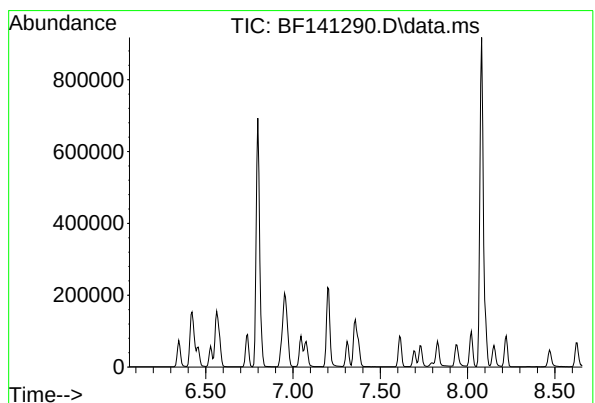
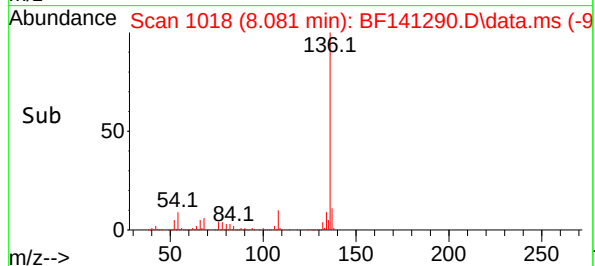
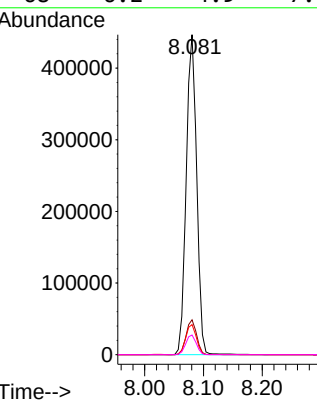
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.4 7.8 11.8

68 6.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.36 min

Lab File: BF141290.D

Acq: 29 Jan 2025 10:30

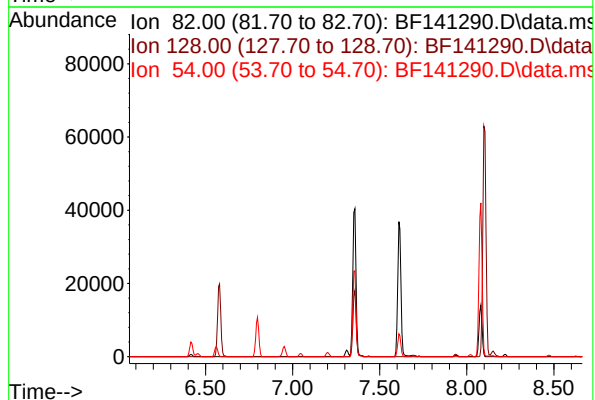
Tgt Ion: 82

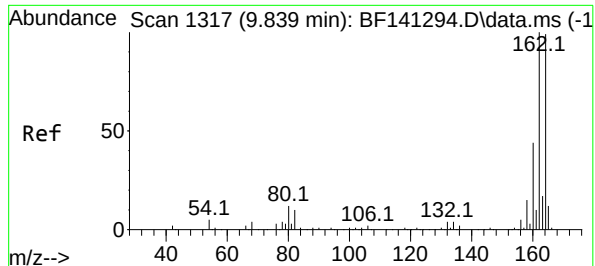
Sig Exp Ratio

82 100

128 44.6

54 58.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141290.D

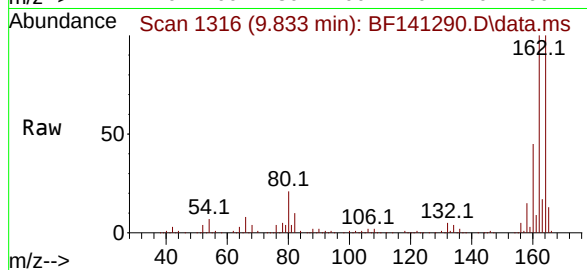
Acq: 29 Jan 2025 10:30

Instrument :

BNA_F

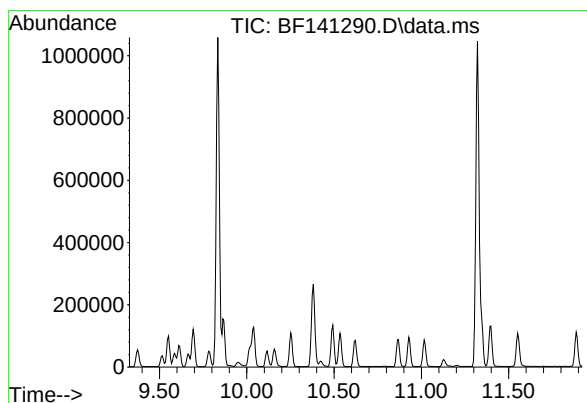
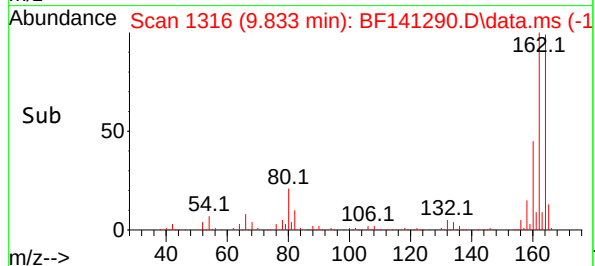
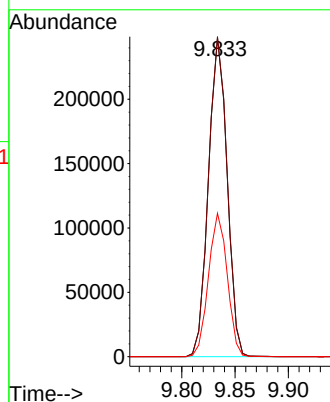
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 301993

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	44.9	35.8	53.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

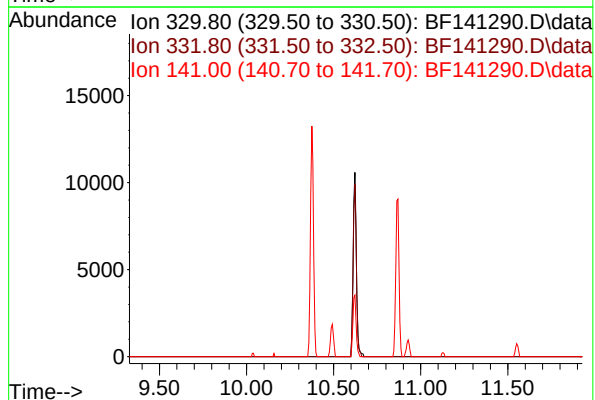
Expected RT: 10.63 min

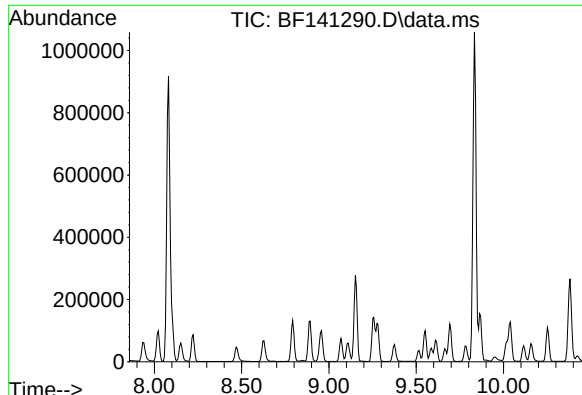
Lab File: BF141290.D

Acq: 29 Jan 2025 10:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.1
141	36.0





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.16 min

Lab File: BF141290.D

Acq: 29 Jan 2025 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

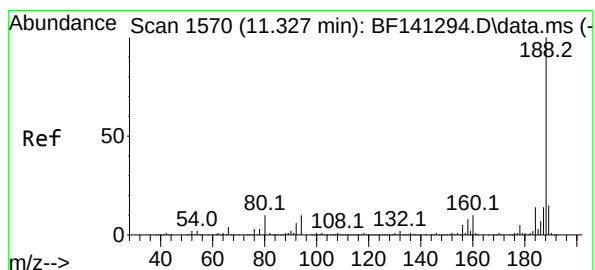
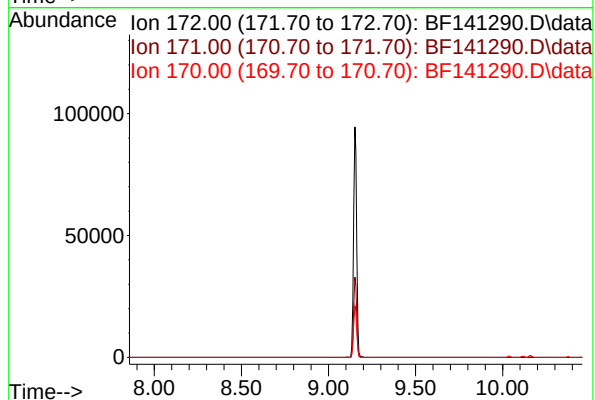
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.0

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141290.D

Acq: 29 Jan 2025 10:30

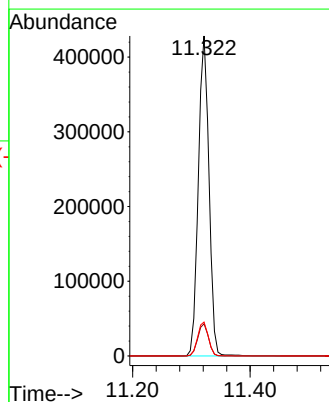
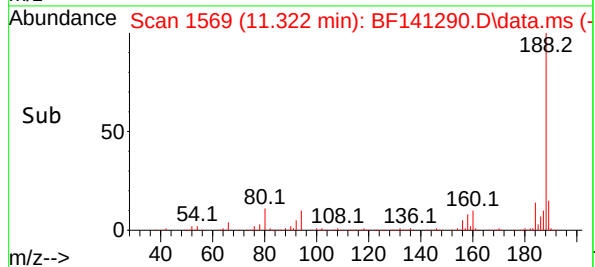
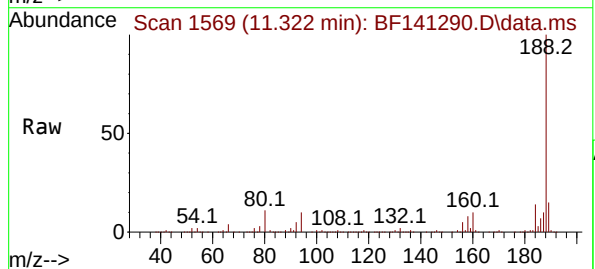
Tgt Ion: 188 Resp: 536934

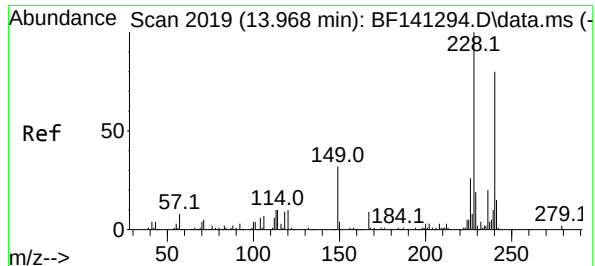
Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 10.6 8.2 12.4

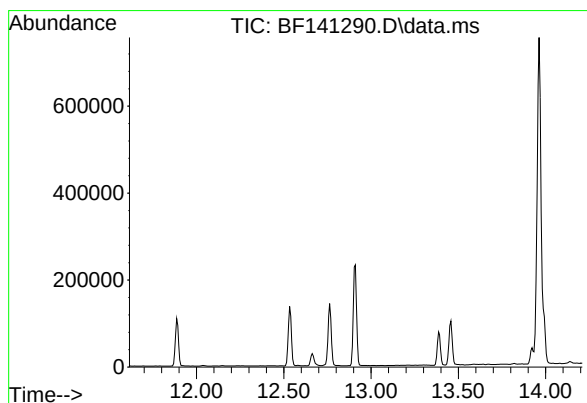
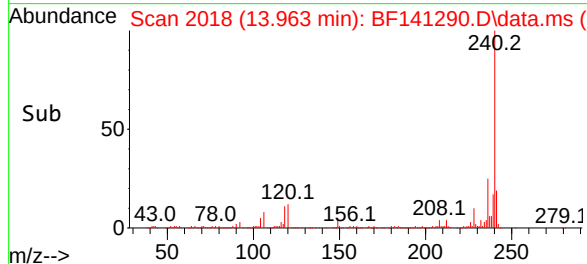
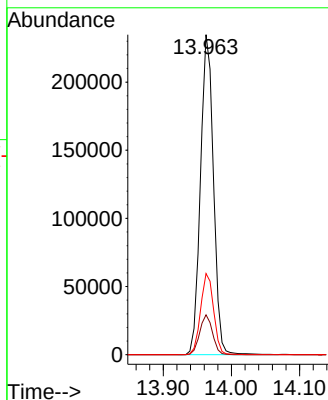
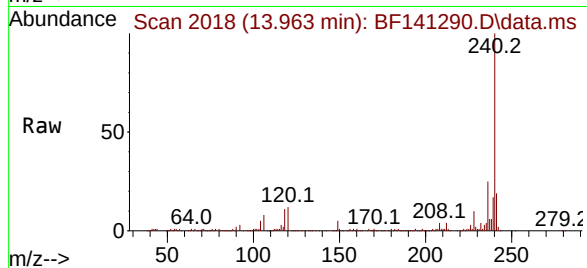




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

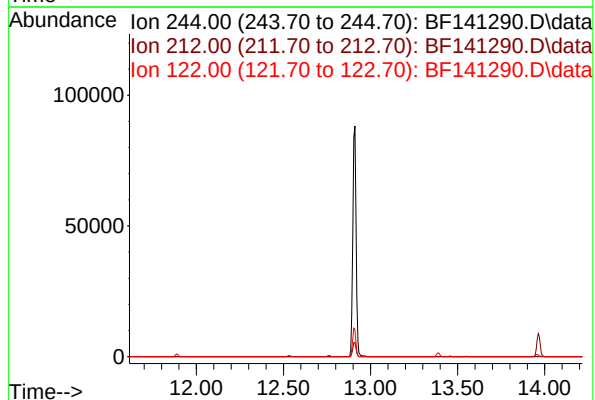
Tgt Ion:240 Resp: 311885
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 25.3 19.7 29.5



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.92 min

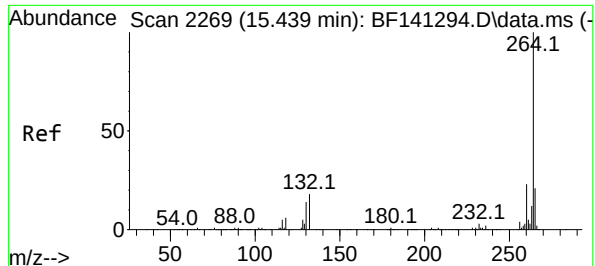
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.7
122 11.0



Ion 212.00 (211.70 to 212.70): BF141290.D\data

Ion 122.00 (121.70 to 122.70): BF141290.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141290.D

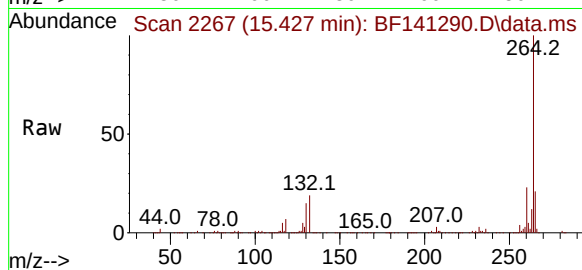
Acq: 29 Jan 2025 10:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



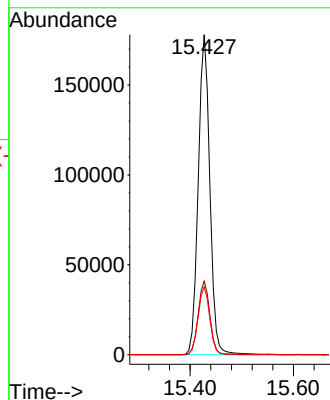
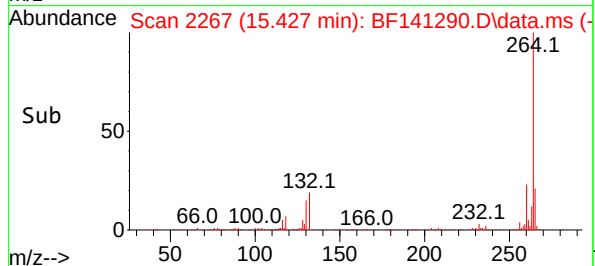
Tgt Ion:264 Resp: 276754

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.2 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141291.D
 Acq On : 29 Jan 2025 10:56
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Jan 29 16:26:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	134200	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	531551	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	281034	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	497368	20.000	ng	0.00
76) Chrysene-d12	13.963	240	288657	20.000	ng	0.00
86) Perylene-d12	15.427	264	273117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	95839	11.044	ng	0.00
7) Phenol-d6	6.416	99	123556	11.172	ng	-0.01
23) Nitrobenzene-d5	7.357	82	107680	10.719	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	27799	10.855	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	224446	12.320	ng	0.00
79) Terphenyl-d14	12.910	244	222747	11.874	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	20141	5.229	ng	99
3) Pyridine	3.234	79	45762	4.967	ng	97
4) n-Nitrosodimethylamine	3.158	42	25819	4.894	ng	# 96
6) Aniline	6.457	93	49669	5.373	ng	99
8) 2-Chlorophenol	6.581	128	51505	5.527	ng	96
9) Benzaldehyde	6.346	77	39117	6.090	ng	97
10) Phenol	6.434	94	65035	5.558	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	49579	5.510	ng	98
12) 1,3-Dichlorobenzene	6.740	146	56929	5.539	ng	99
13) 1,4-Dichlorobenzene	6.816	146	57684	5.573	ng	99
14) 1,2-Dichlorobenzene	6.969	146	54653	5.650	ng	98
15) Benzyl Alcohol	6.934	79	38176	5.053	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	84988	5.436	ng	100
17) 2-Methylphenol	7.046	107	41498	5.500	ng	99
18) Hexachloroethane	7.310	117	20418	5.332	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	35278	5.363	ng	100
20) 3+4-Methylphenols	7.198	107	52364	5.645	ng	# 90
22) Acetophenone	7.204	105	72756	5.774	ng	98
24) Nitrobenzene	7.375	77	55610	5.337	ng	99
25) Isophorone	7.610	82	92818	5.346	ng	98
26) 2-Nitrophenol	7.693	139	23372	4.789	ng	97
27) 2,4-Dimethylphenol	7.728	122	32462	5.205	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	60286	5.449	ng	98
29) 2,4-Dichlorophenol	7.934	162	40847	5.360	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	49479	5.661	ng	96
31) Naphthalene	8.098	128	158560	5.672	ng	99
32) Benzoic acid	7.793	122	18585	3.281	ng	93
33) 4-Chloroaniline	8.151	127	50760	5.405	ng	97
34) Hexachlorobutadiene	8.222	225	27720	5.419	ng	99
35) Caprolactam	8.475	113	12827	5.204	ng	94
36) 4-Chloro-3-methylphenol	8.622	107	43627	5.334	ng	97
37) 2-Methylnaphthalene	8.793	142	100305	5.634	ng	98
38) 1-Methylnaphthalene	8.893	142	100569	5.767	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	43228	5.410	ng	97
41) Hexachlorocyclopentadiene	8.945	237	9555	3.985	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	26790	5.136	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141291.D
 Acq On : 29 Jan 2025 10:56
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Jan 29 16:26:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	30127	5.309	ng	98
46) 1,1'-Biphenyl	9.257	154	127187	5.801	ng	99
47) 2-Chloronaphthalene	9.281	162	98081	5.760	ng	97
48) 2-Nitroaniline	9.375	65	27154	5.056	ng	99
49) Acenaphthylene	9.692	152	134958	5.643	ng	99
50) Dimethylphthalate	9.551	163	105240	5.584	ng	99
51) 2,6-Dinitrotoluene	9.616	165	23372	5.329	ng	95
52) Acenaphthene	9.869	154	95591	5.617	ng	100
53) 3-Nitroaniline	9.781	138	22582	5.206	ng	91
55) Dibenzofuran	10.039	168	131288	5.769	ng	98
56) 4-Nitrophenol	9.945	139	13160	4.226	ng	89
57) 2,4-Dinitrotoluene	10.016	165	29799	5.268	ng	98
58) Fluorene	10.381	166	106198	6.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	22818	5.090	ng	96
60) Diethylphthalate	10.251	149	103307	5.660	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	51875	6.007	ng	98
62) 4-Nitroaniline	10.387	138	20870	5.008	ng	95
63) Azobenzene	10.534	77	102878	5.623	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	9960	3.353	ng	92
66) n-Nitrosodiphenylamine	10.492	169	89060	5.523	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	29160	5.245	ng	94
68) Hexachlorobenzene	10.928	284	31990	5.424	ng	98
69) Atrazine	11.016	200	26258	4.855	ng	97
70) Pentachlorophenol	11.128	266	13924	4.027	ng	96
71) Phenanthrene	11.345	178	153320	5.738	ng	99
72) Anthracene	11.398	178	146593	5.625	ng	99
73) Carbazole	11.551	167	126760	5.491	ng	99
74) Di-n-butylphthalate	11.886	149	154718	5.560	ng	100
75) Fluoranthene	12.533	202	148553	5.696	ng	99
77) Benzidine	12.663	184	63661	7.253	ng	98
78) Pyrene	12.763	202	157175	5.639	ng	99
80) Butylbenzylphthalate	13.386	149	49477	5.140	ng	99
81) Benzo(a)anthracene	13.951	228	110559	5.588	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	29754	4.803	ng	100
83) Chrysene	13.992	228	96099	5.238	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	63638	5.269	ng	98
85) Di-n-octyl phthalate	14.574	149	86163	4.560	ng	98
87) Indeno(1,2,3-cd)pyrene	16.863	276	83074	4.657	ng	99
88) Benzo(b)fluoranthene	14.998	252	92690	5.465	ng	99
89) Benzo(k)fluoranthene	15.027	252	79701	5.247	ng	99
90) Benzo(a)pyrene	15.363	252	76368	5.268	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	65991	4.615	ng	99
92) Benzo(g,h,i)perylene	17.298	276	69049	4.591	ng	97

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Abundance

TIC: BF141291.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine

2-Fluorophenol, S

Phenol, d6, S

1,4-Dichlorobenzene, d4, I

1,4-Dichlorobenzene, d5, S

Acetaminophen, P

Naphthalene, d8, I

2-Fluorobiphenyl, S

Acenaphthene, d10, I

Phenanthrene, d10, I

Chrysene, d12, I

Terphenyl, d14, S

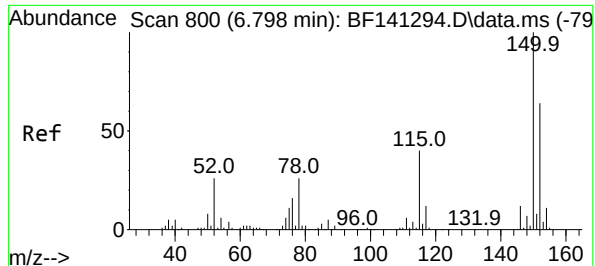
Perylene, d12, I

Benzo(a)pyrene, C

Benzo(a)fluoranthene

Benzo(g,h,i)perylene

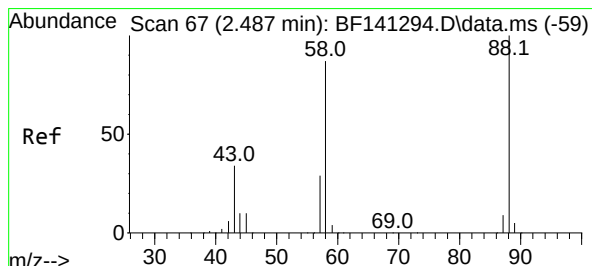
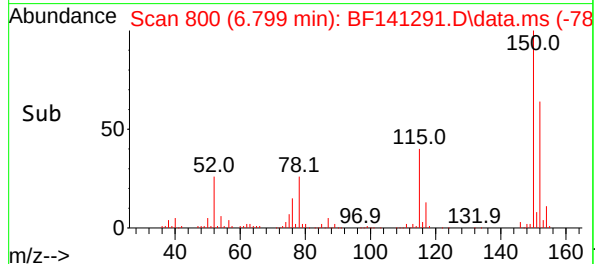
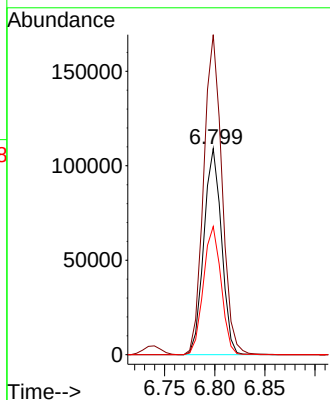
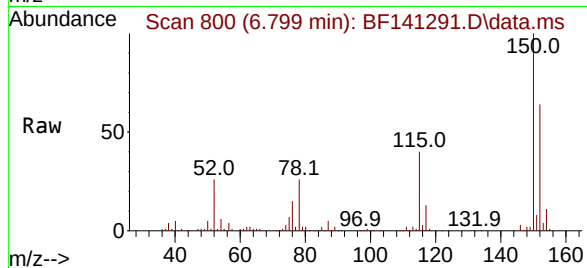
Benzo(a)anthracene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.799 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

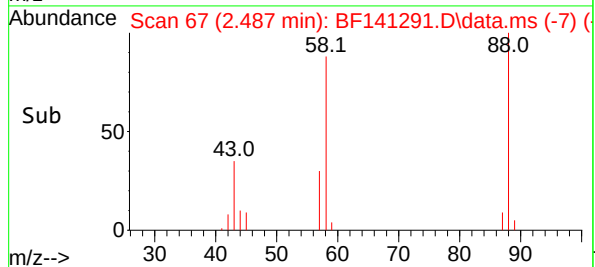
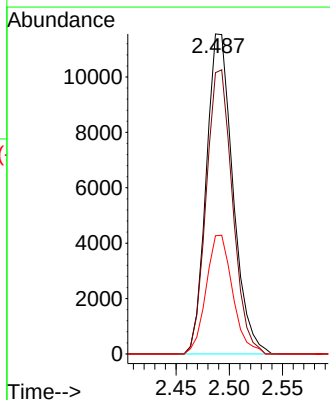
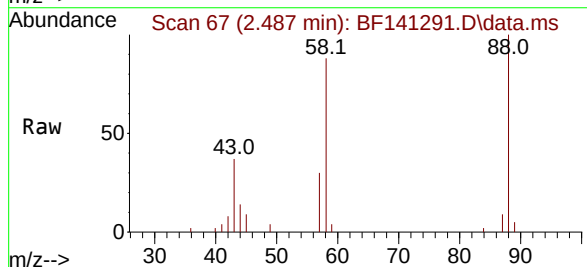
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

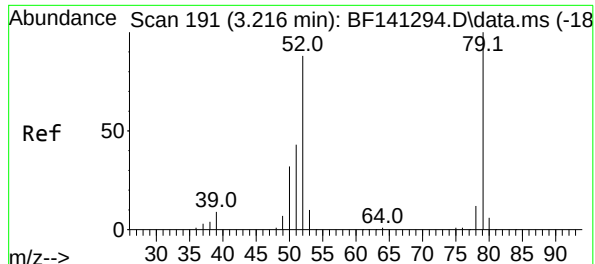
Tgt Ion:152 Resp: 134200
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 62.2 49.7 74.5



#2
1,4-Dioxane
Concen: 5.229 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 88 Resp: 20141
Ion Ratio Lower Upper
88 100
58 87.4 70.2 105.4
43 36.8 27.6 41.4

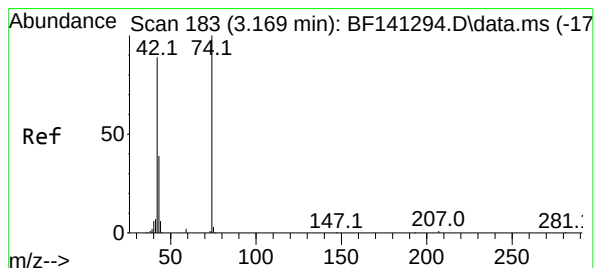
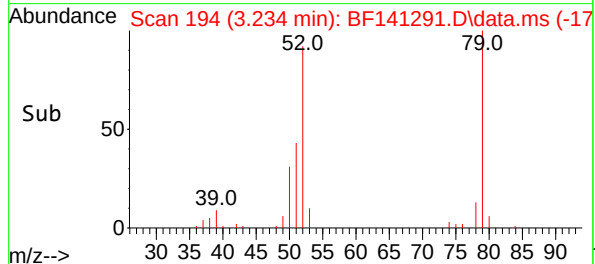
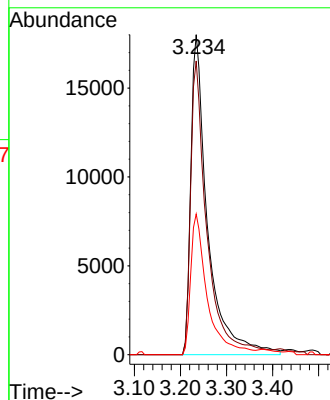
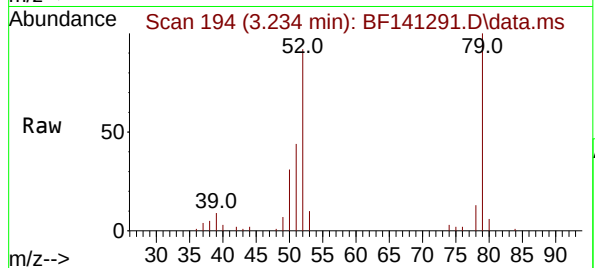




#3
Pyridine
Concen: 4.967 ng
RT: 3.234 min Scan# 191
Delta R.T. 0.018 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

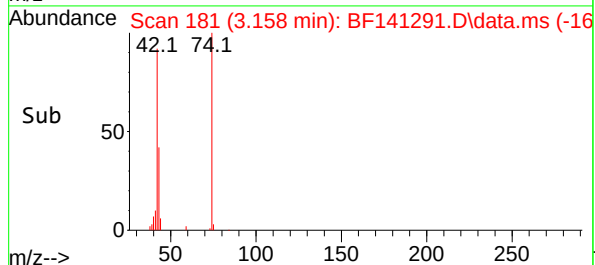
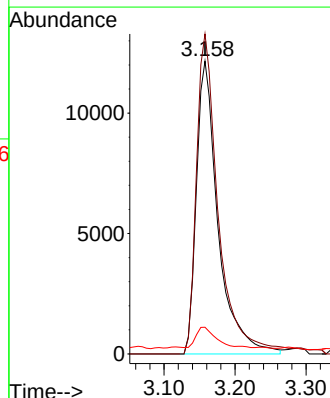
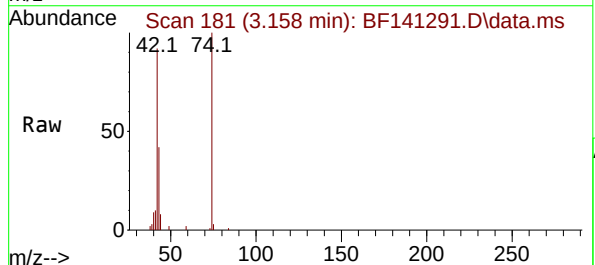
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

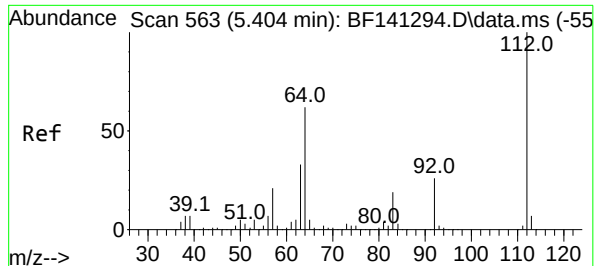
Tgt Ion: 79 Resp: 45762
Ion Ratio Lower Upper
79 100
52 91.8 70.3 105.5
51 43.9 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 4.894 ng
RT: 3.158 min Scan# 181
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 42 Resp: 25819
Ion Ratio Lower Upper
42 100
74 109.3 90.3 135.5
44 9.1 5.7 8.5

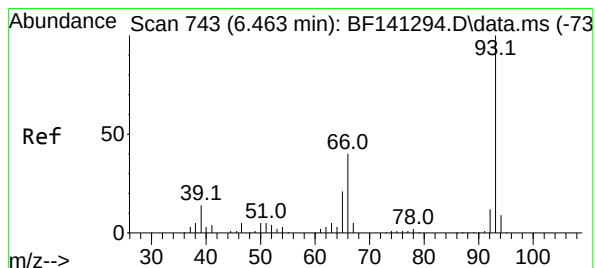
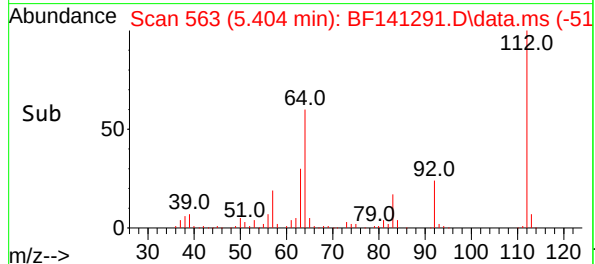
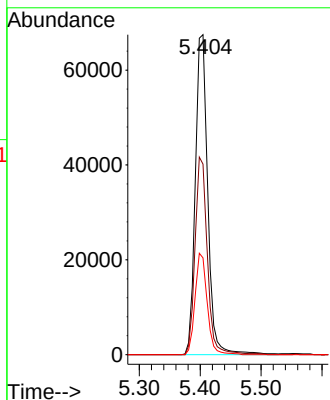
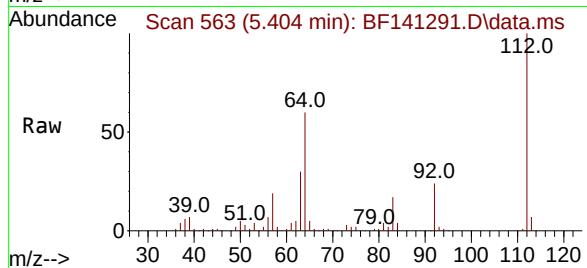




#5
2-Fluorophenol
Concen: 11.044 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

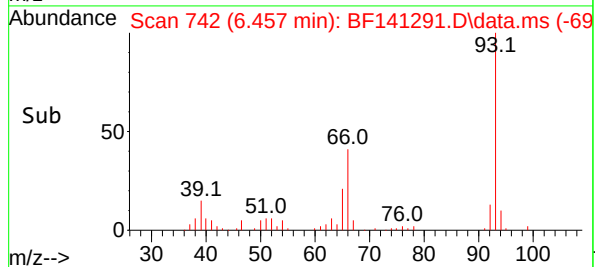
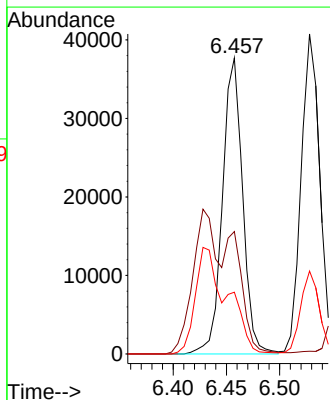
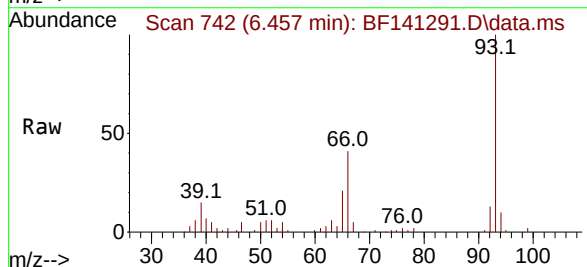
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

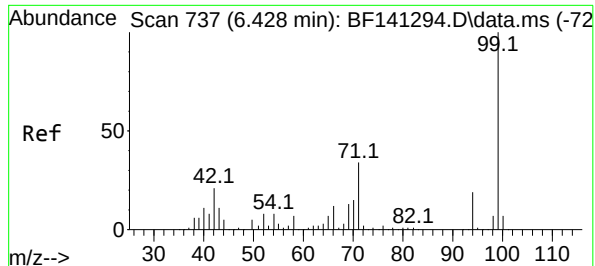
Tgt Ion:112 Resp: 95839
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.8
63 30.2 26.1 39.1



#6
Aniline
Concen: 5.373 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 93 Resp: 49669
Ion Ratio Lower Upper
93 100
66 41.4 32.5 48.7
65 20.9 17.0 25.6





#7

Phenol-d6

Concen: 11.172 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

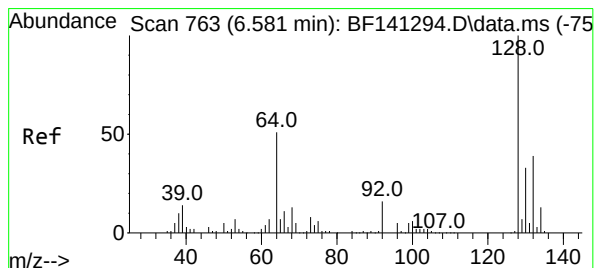
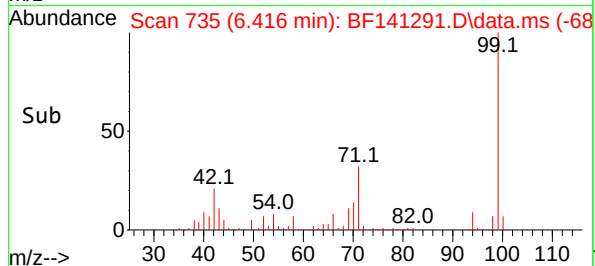
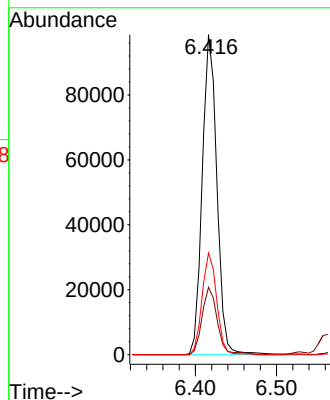
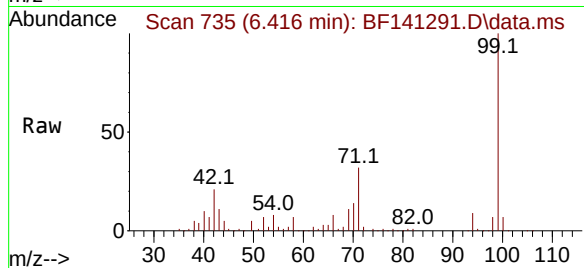
Tgt Ion: 99 Resp: 123556

Ion Ratio Lower Upper

99 100

42 21.0 17.1 25.7

71 31.8 26.9 40.3



#8

2-Chlorophenol

Concen: 5.527 ng

RT: 6.581 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

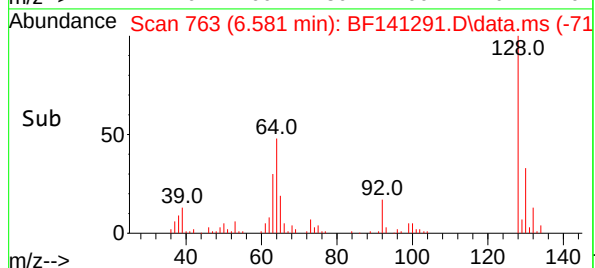
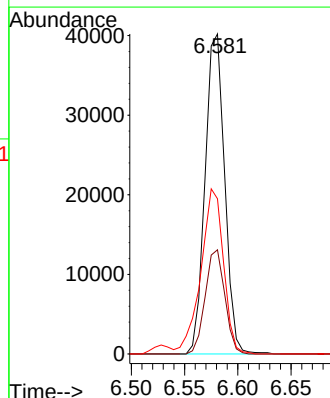
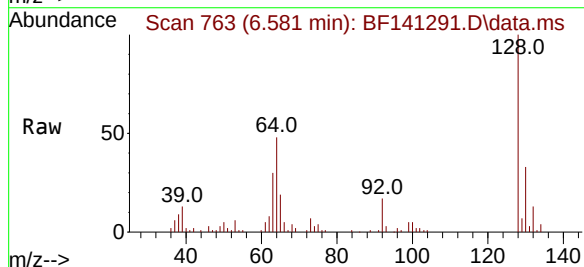
Tgt Ion:128 Resp: 51505

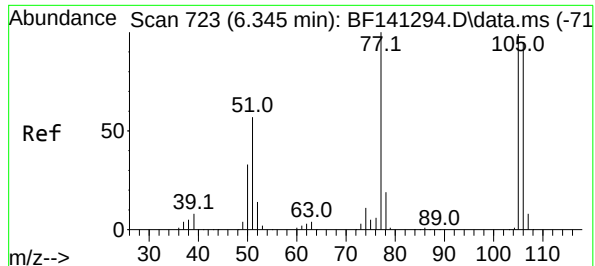
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 48.5 32.9 72.9





#9

Benzaldehyde

Concen: 6.090 ng

RT: 6.346 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

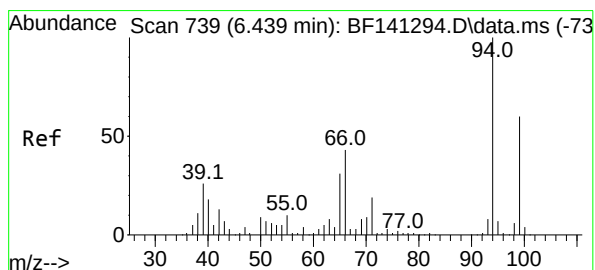
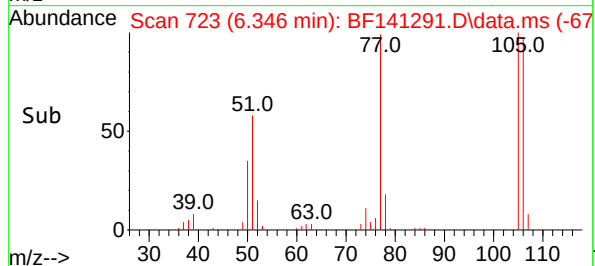
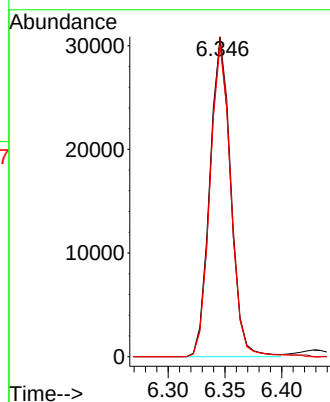
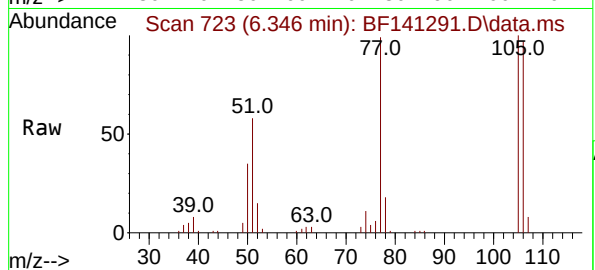
Tgt Ion: 77 Resp: 39117

Ion Ratio Lower Upper

77 100

105 100.9 79.4 119.4

106 98.1 74.6 114.6



#10

Phenol

Concen: 5.558 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

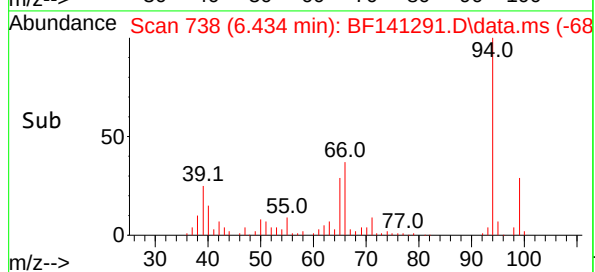
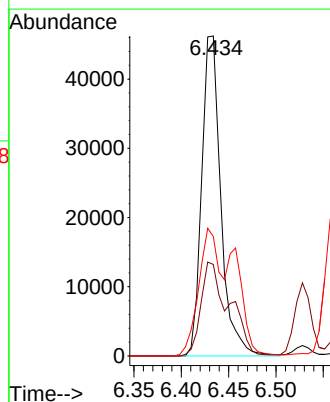
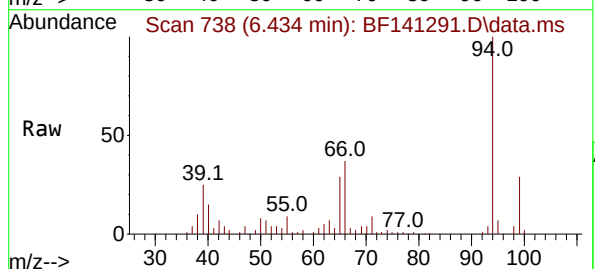
Tgt Ion: 94 Resp: 65035

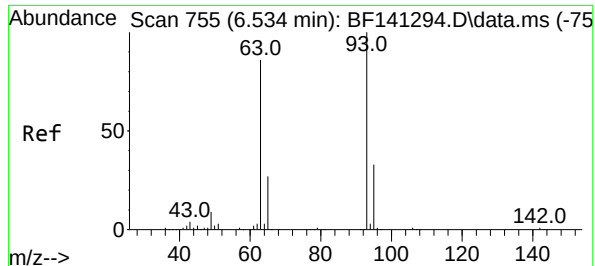
Ion Ratio Lower Upper

94 100

65 28.6 10.8 50.8

66 37.4 23.3 63.3

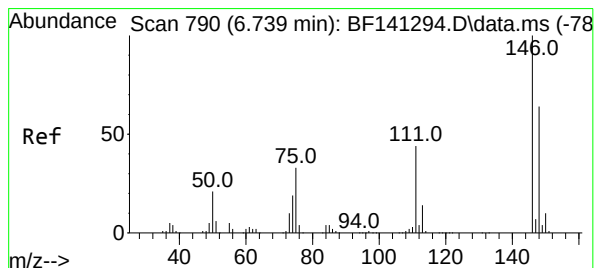
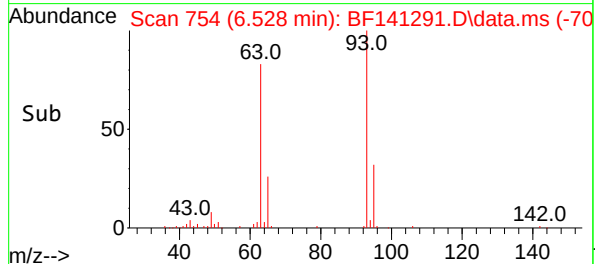
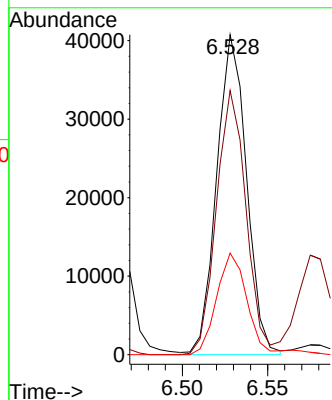
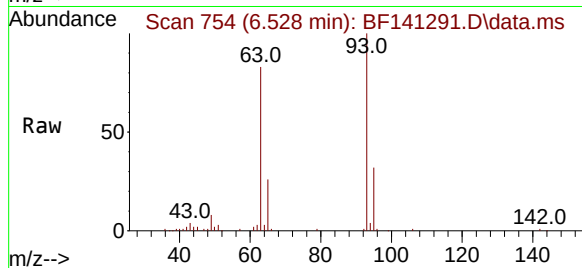




#11
bis(2-Chloroethyl)ether
Concen: 5.510 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

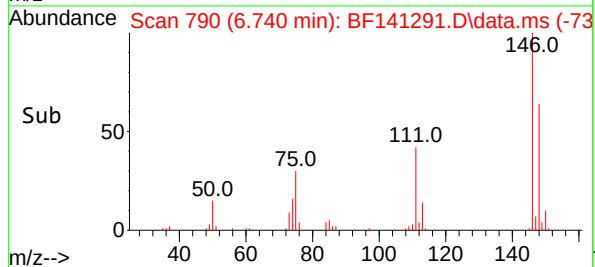
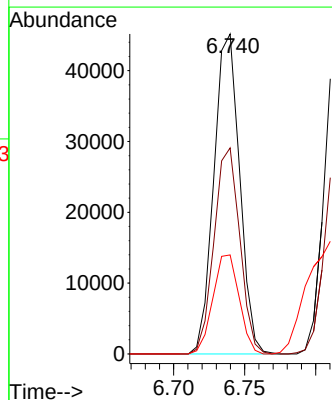
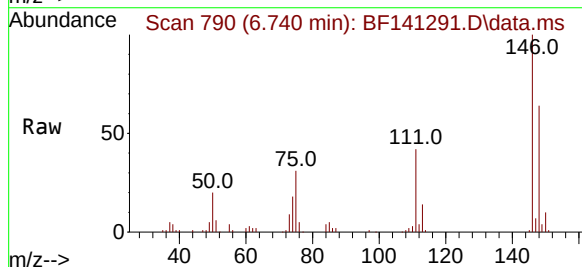
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

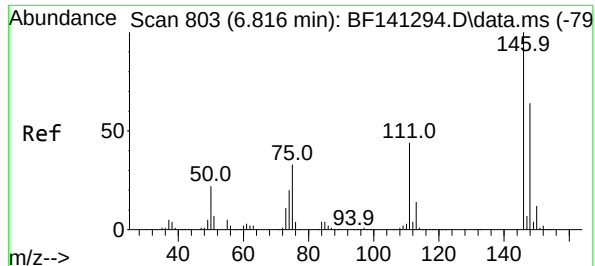
Tgt Ion: 93 Resp: 49579
Ion Ratio Lower Upper
93 100
63 82.6 65.0 105.0
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 5.539 ng
RT: 6.740 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 146 Resp: 56929
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 30.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 5.573 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

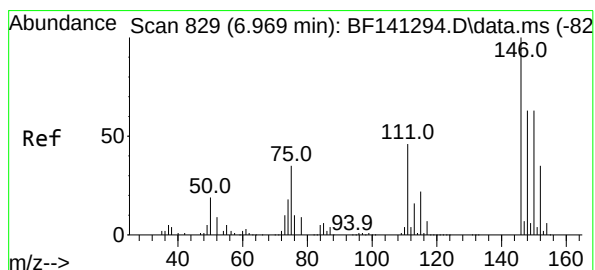
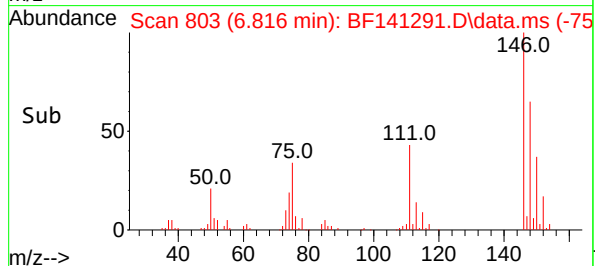
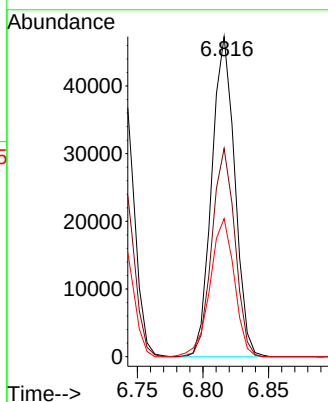
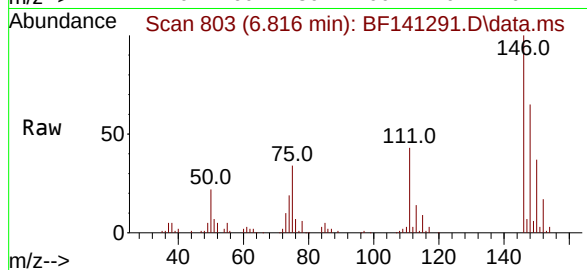
Tgt Ion:146 Resp: 57684

Ion Ratio Lower Upper

146 100

148 65.0 51.2 76.8

111 43.2 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 5.650 ng

RT: 6.969 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

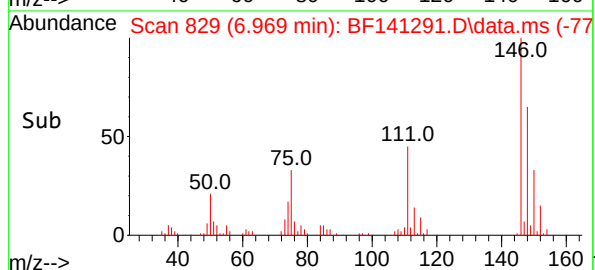
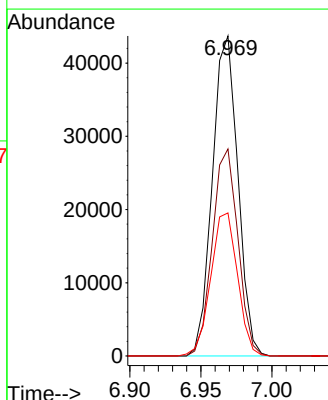
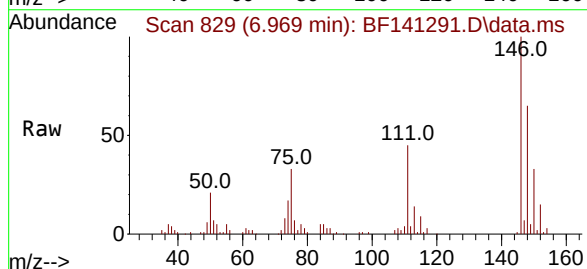
Tgt Ion:146 Resp: 54653

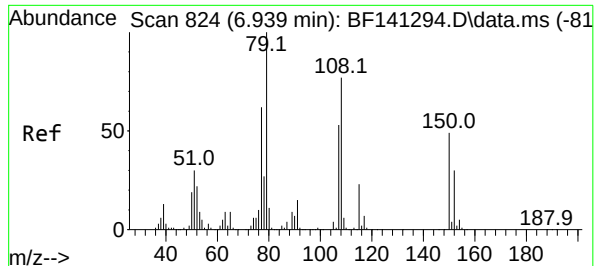
Ion Ratio Lower Upper

146 100

148 64.7 50.5 75.7

111 44.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 5.053 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

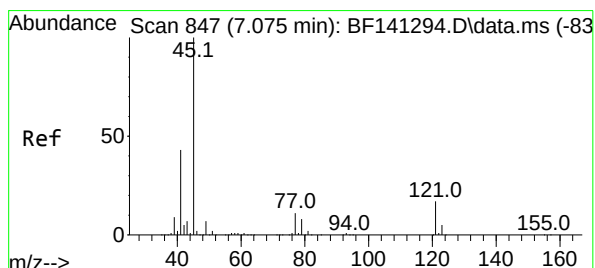
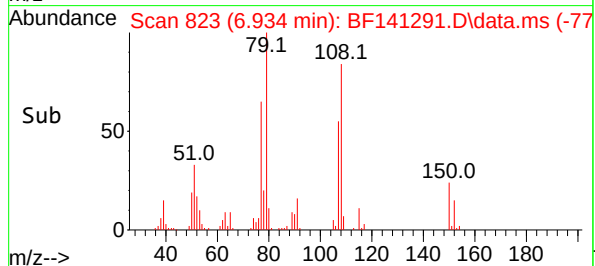
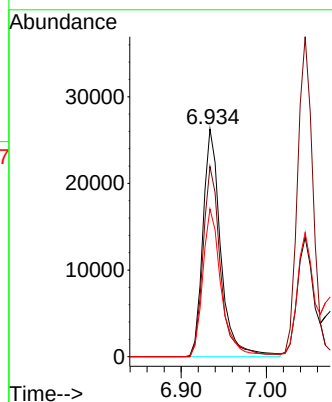
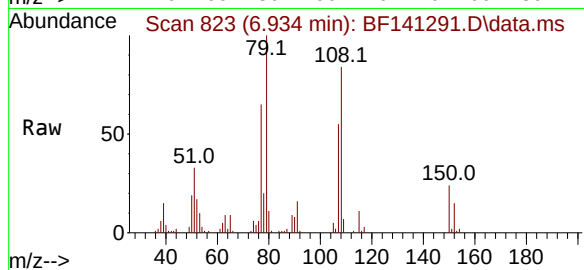
Tgt Ion: 79 Resp: 38176

Ion Ratio Lower Upper

79 100

108 83.6 61.4 92.0

77 64.8 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.436 ng

RT: 7.075 min Scan# 847

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

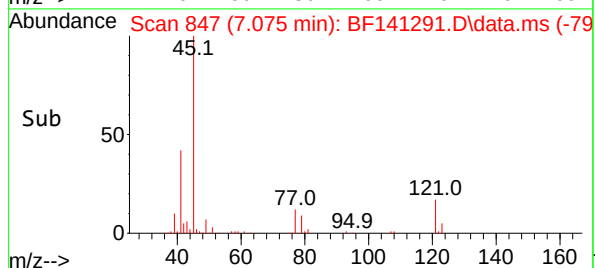
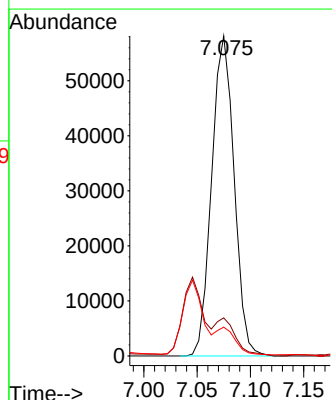
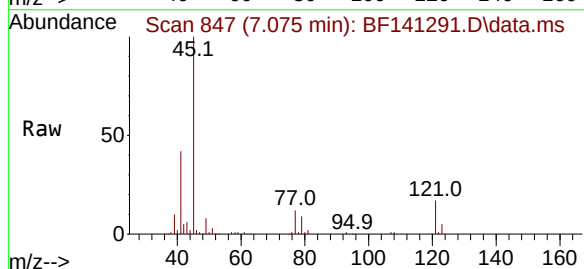
Tgt Ion: 45 Resp: 84988

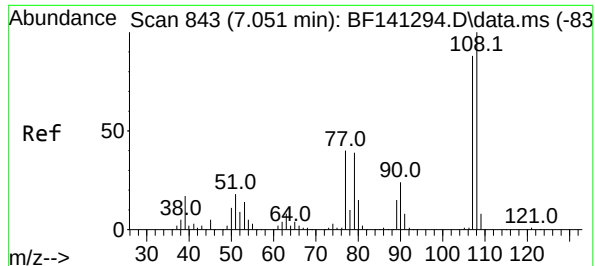
Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.8

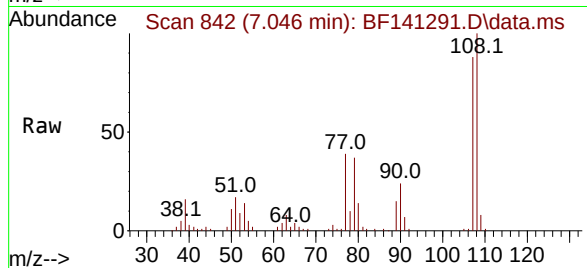
79 9.0 0.0 29.1



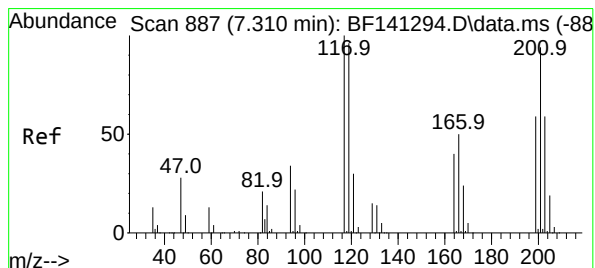
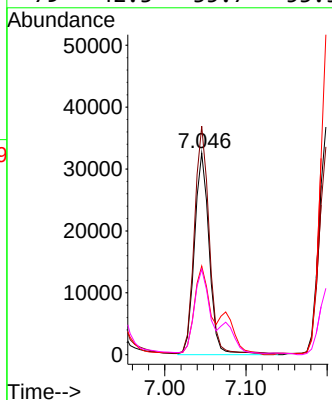
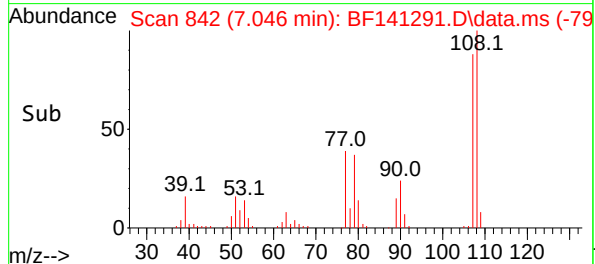


#17
2-Methylphenol
Concen: 5.500 ng
RT: 7.046 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

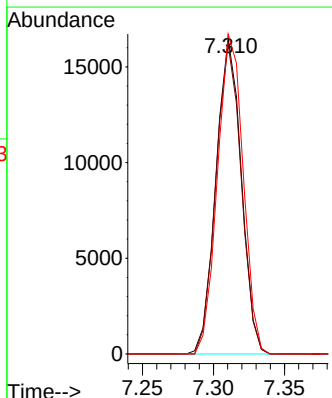
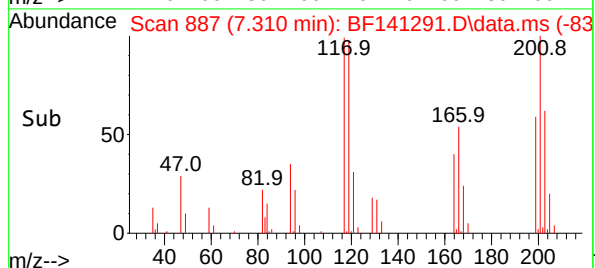
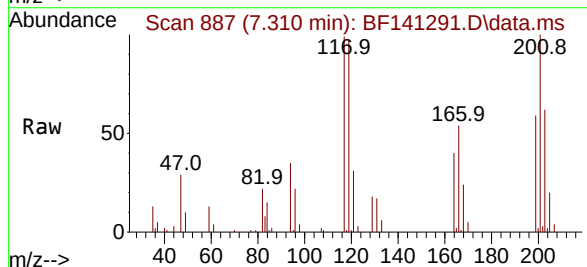


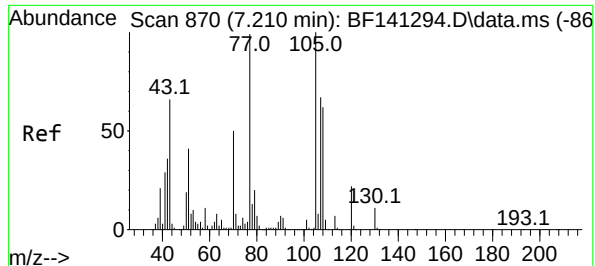
Tgt Ion:107 Resp: 41498
Ion Ratio Lower Upper
107 100
108 113.4 90.8 136.2
77 44.0 36.2 54.4
79 42.3 35.7 53.5



#18
Hexachloroethane
Concen: 5.332 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:117 Resp: 20418
Ion Ratio Lower Upper
117 100
119 98.1 76.6 114.8
201 101.4 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 5.363 ng

RT: 7.198 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 35278

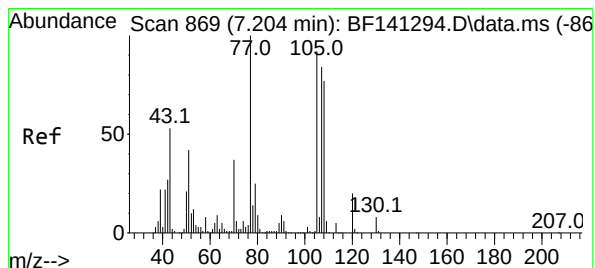
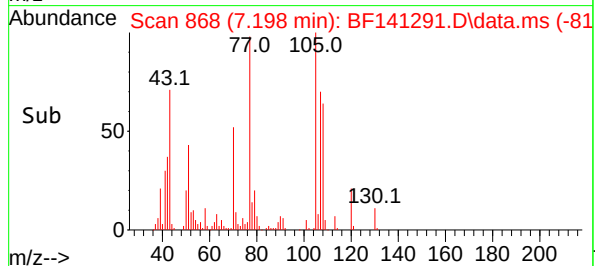
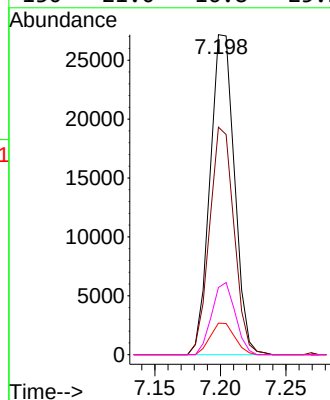
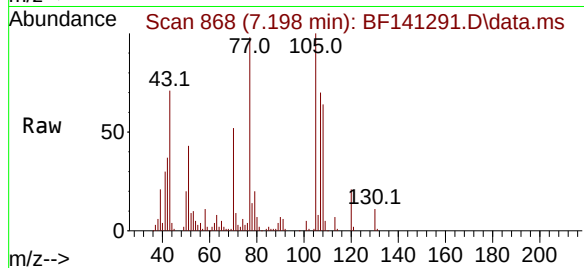
Ion Ratio Lower Upper

70 100

42 71.1 56.8 85.2

101 9.9 7.7 11.5

130 21.0 16.8 25.2



#20

3+4-Methylphenols

Concen: 5.645 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Tgt Ion:107 Resp: 52364

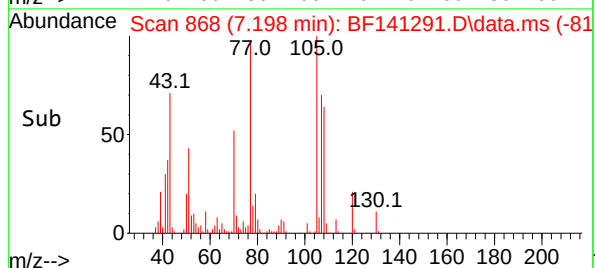
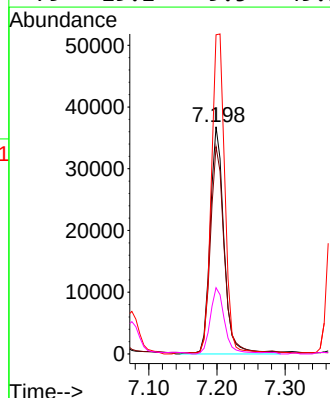
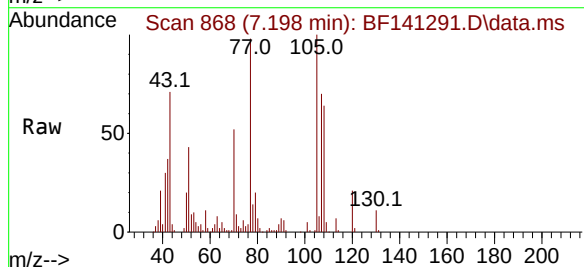
Ion Ratio Lower Upper

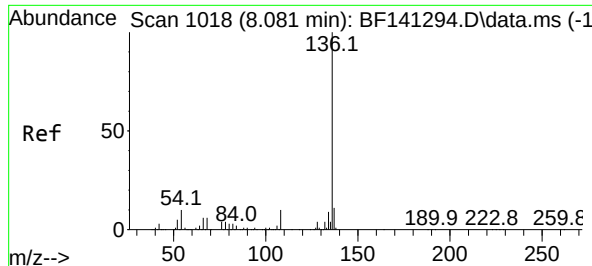
107 100

108 91.3 70.9 110.9

77 140.5 98.5 138.5#

79 29.2 9.5 49.5

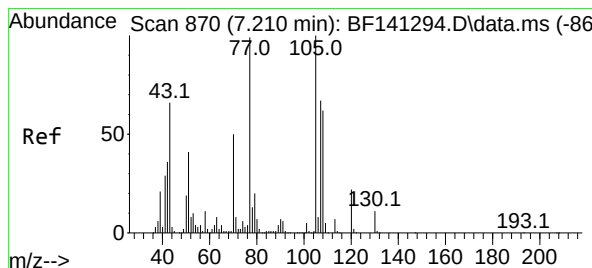
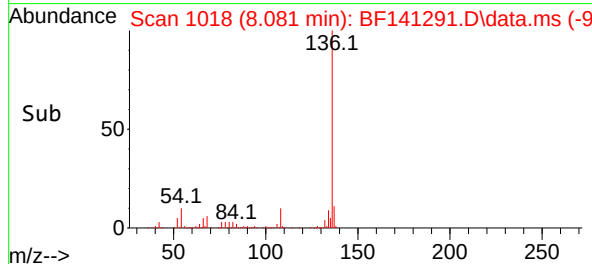
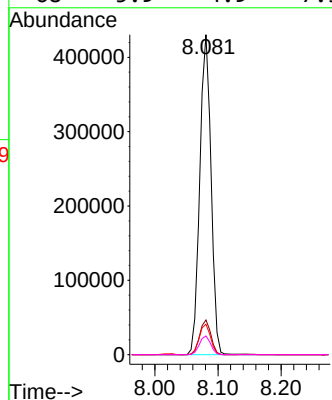
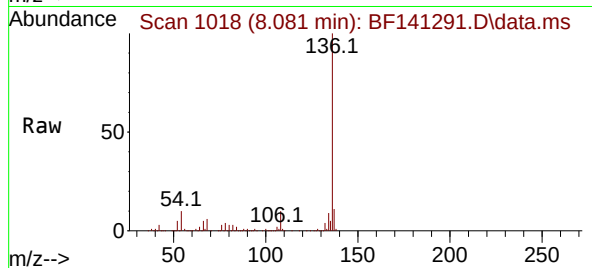




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

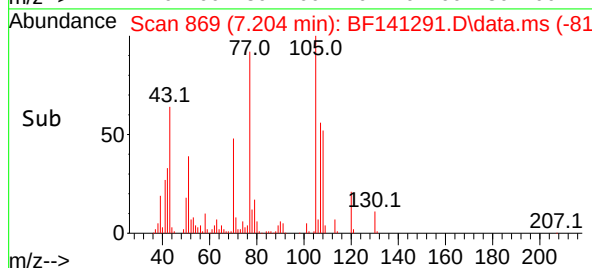
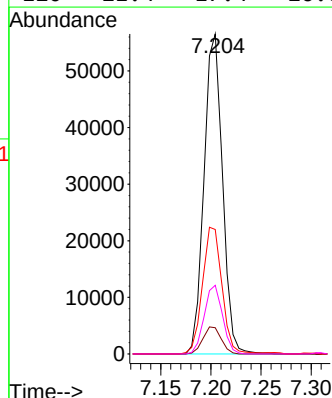
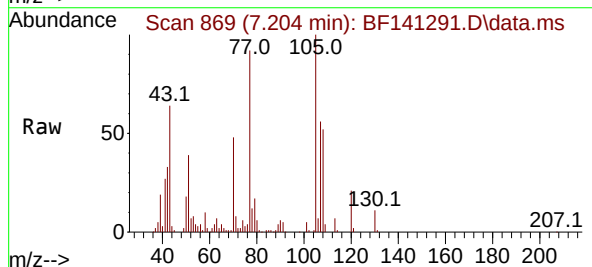
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

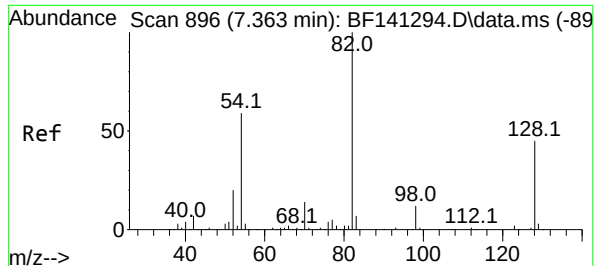
Tgt Ion:	136	Resp:	531551
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.5	7.8	11.8
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 5.774 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:	105	Resp:	72756
Ion Ratio	Lower	Upper	
105	100		
71	8.2	6.8	10.2
51	38.9	32.6	49.0
120	21.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 10.719 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

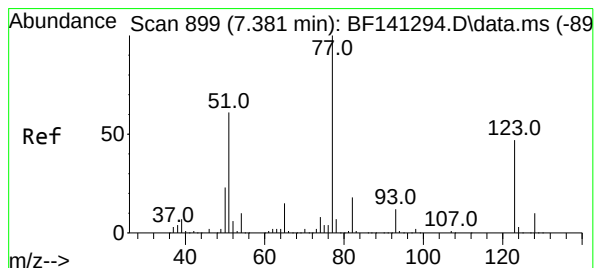
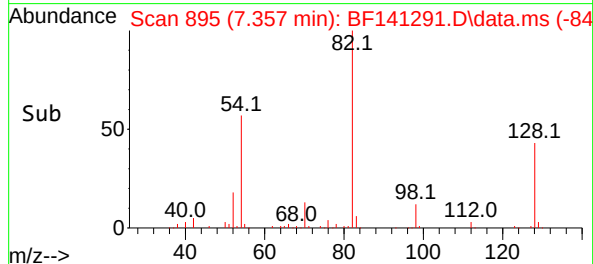
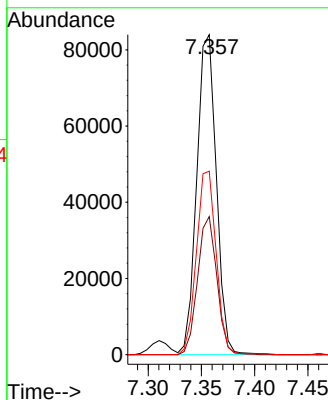
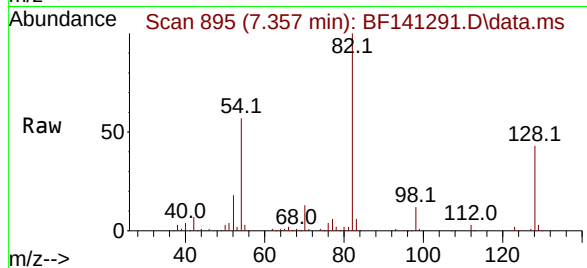
Tgt Ion: 82 Resp: 107680

Ion Ratio Lower Upper

82 100

128 43.2 35.7 53.5

54 57.4 47.1 70.7



#24

Nitrobenzene

Concen: 5.337 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

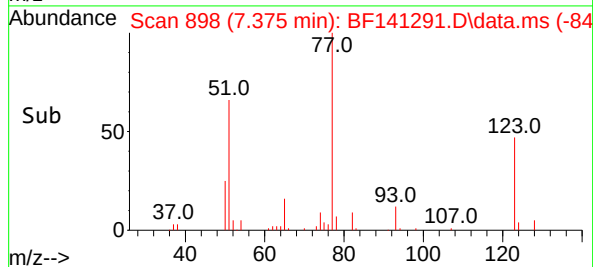
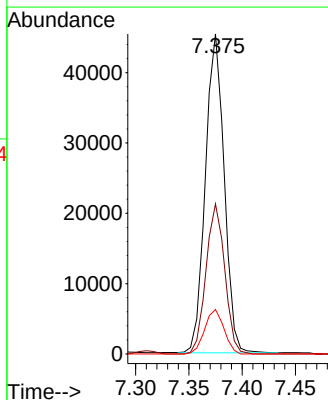
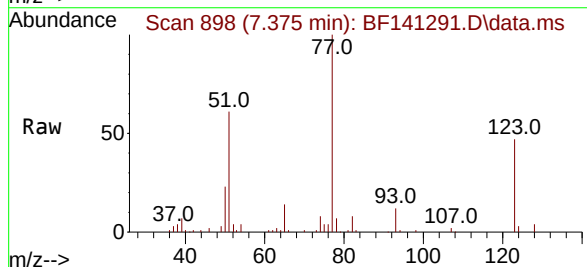
Tgt Ion: 77 Resp: 55610

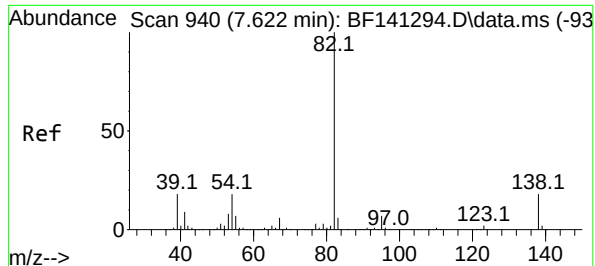
Ion Ratio Lower Upper

77 100

123 46.9 37.3 55.9

65 13.9 11.8 17.6

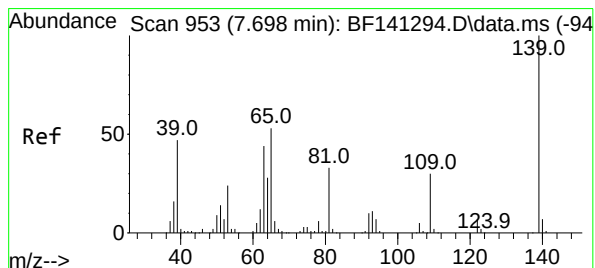
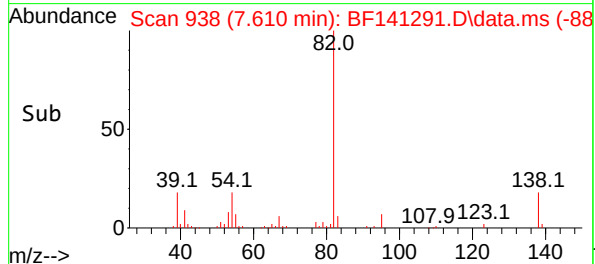
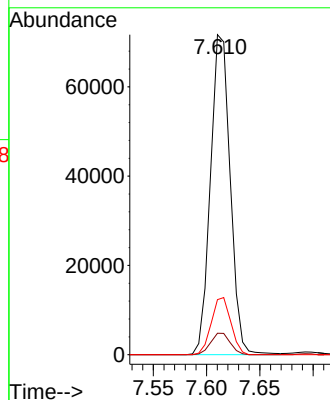
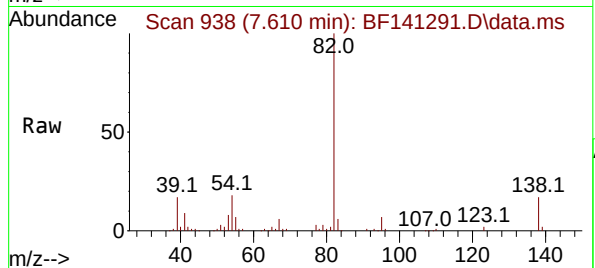




#25
Isophorone
Concen: 5.346 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

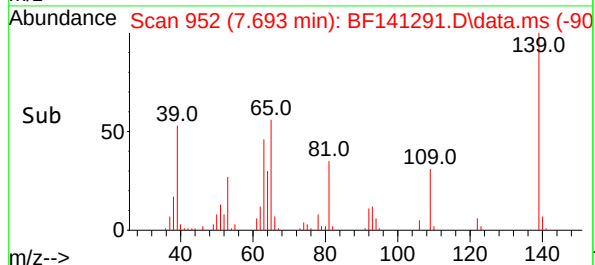
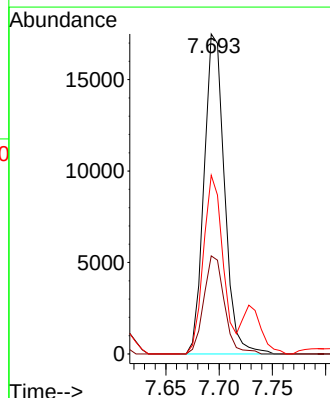
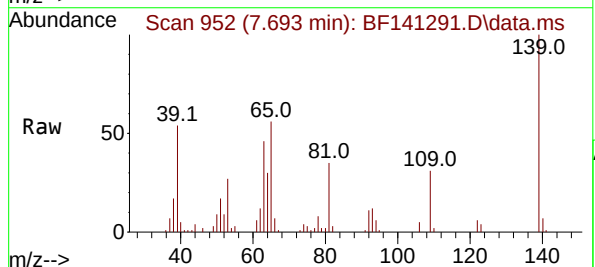
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

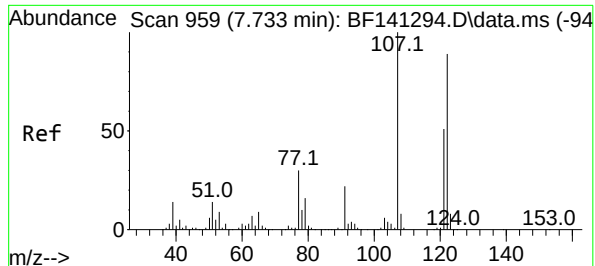
Tgt Ion: 82 Resp: 92818
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.6
138 17.2 14.7 22.1



#26
2-Nitrophenol
Concen: 4.789 ng
RT: 7.693 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 139 Resp: 23372
Ion Ratio Lower Upper
139 100
109 30.7 23.8 35.6
65 55.8 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 5.205 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

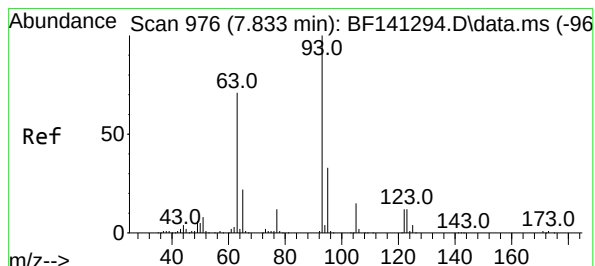
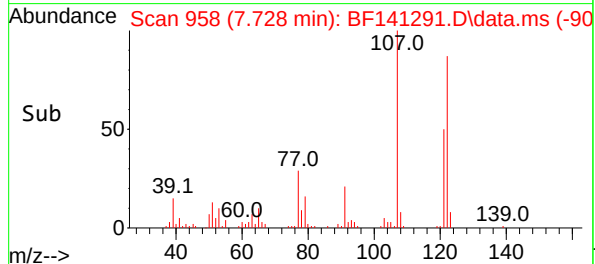
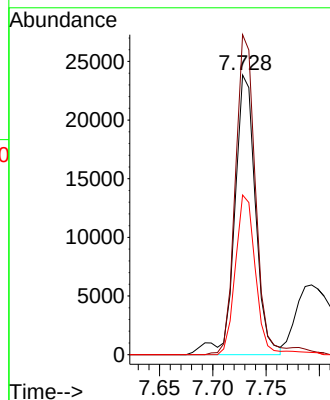
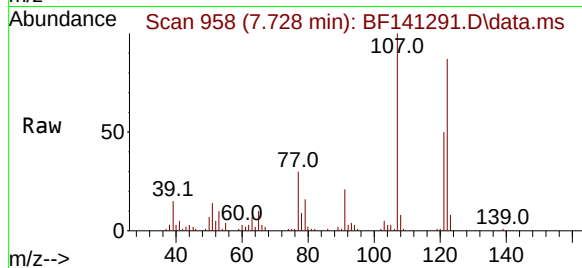
Tgt Ion:122 Resp: 32462

Ion Ratio Lower Upper

122 100

107 114.4 89.9 134.9

121 57.1 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 5.449 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

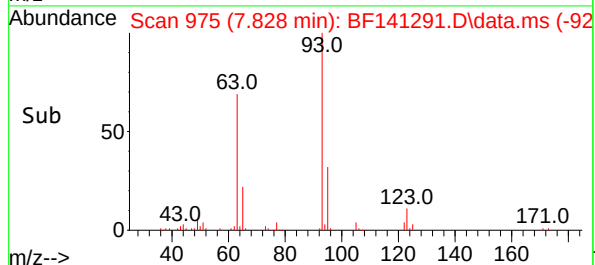
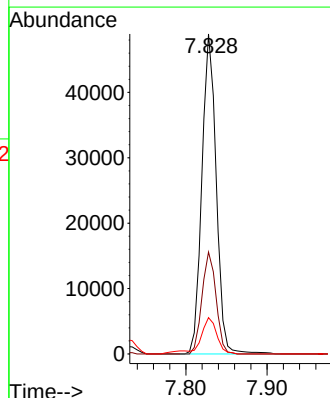
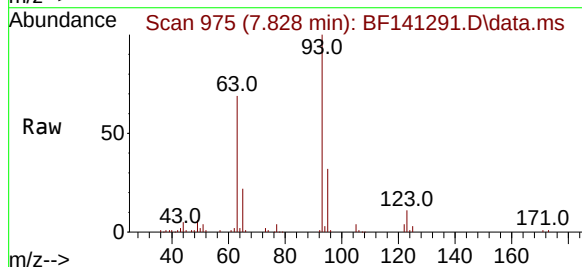
Tgt Ion: 93 Resp: 60286

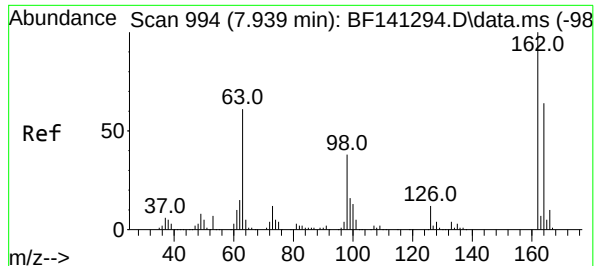
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

123 11.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 5.360 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

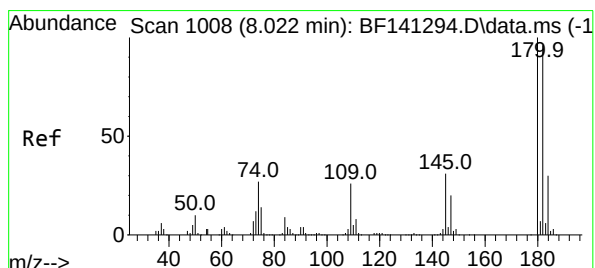
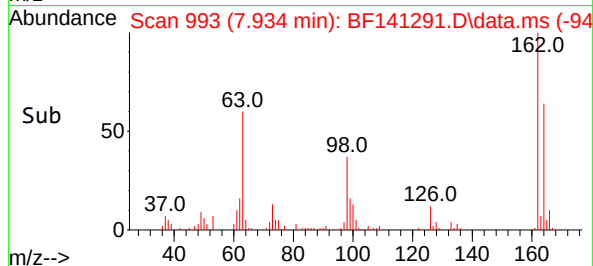
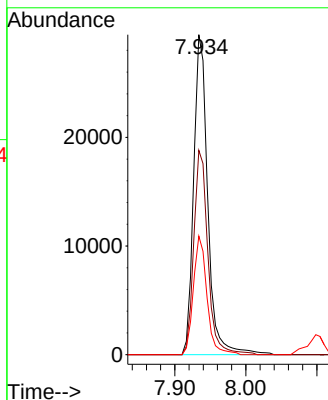
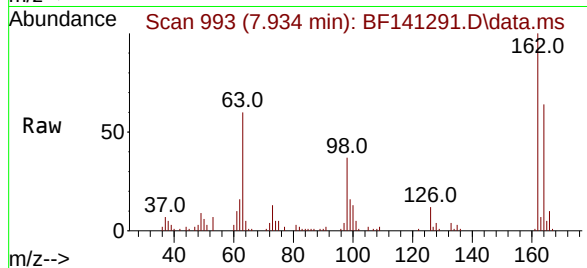
Tgt Ion:162 Resp: 40847

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 37.0 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 5.661 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

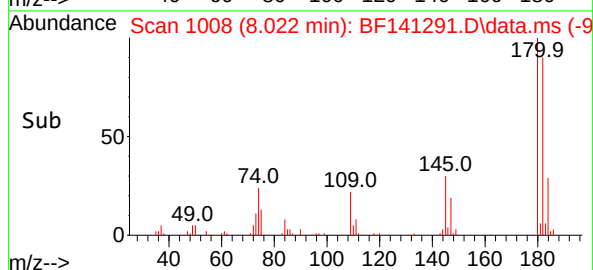
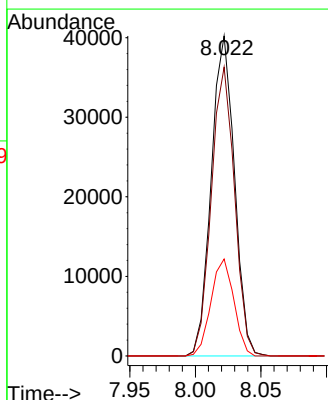
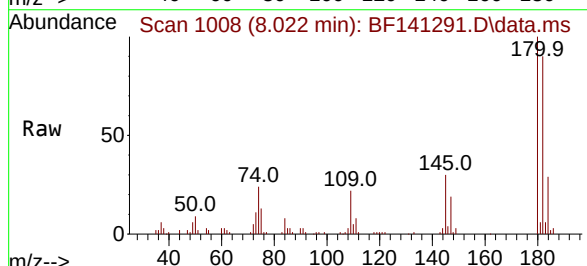
Tgt Ion:180 Resp: 49479

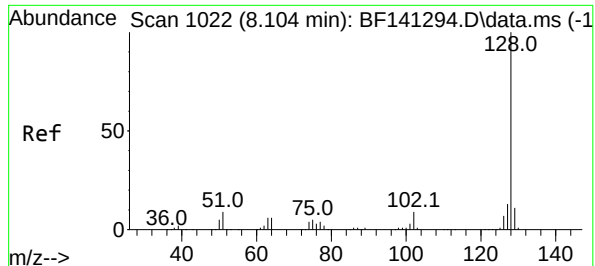
Ion Ratio Lower Upper

180 100

182 90.2 76.4 114.6

145 30.3 24.9 37.3

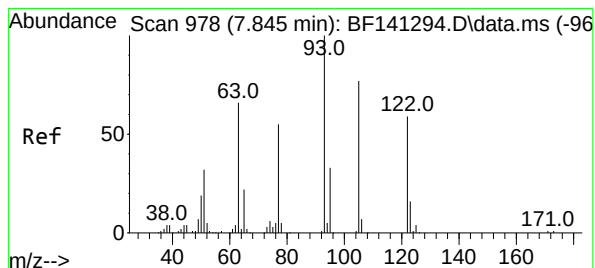
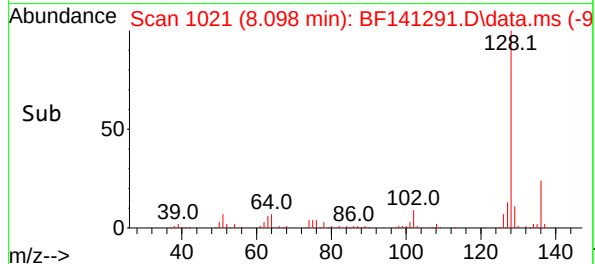
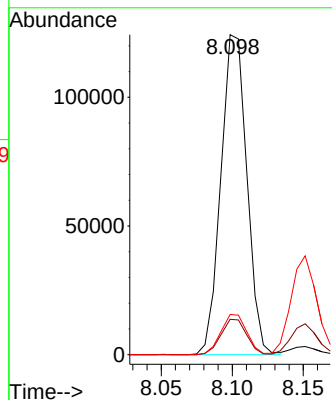
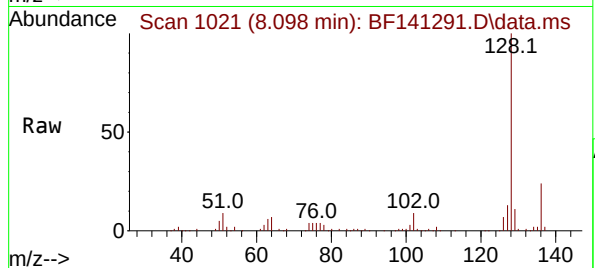




#31
Naphthalene
Concen: 5.672 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

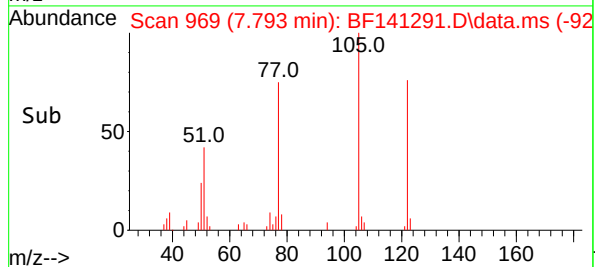
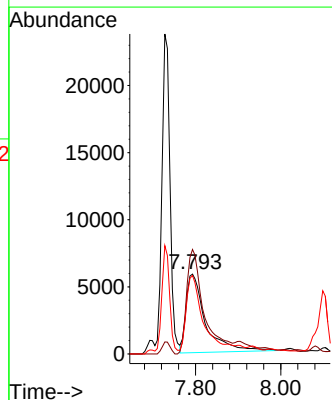
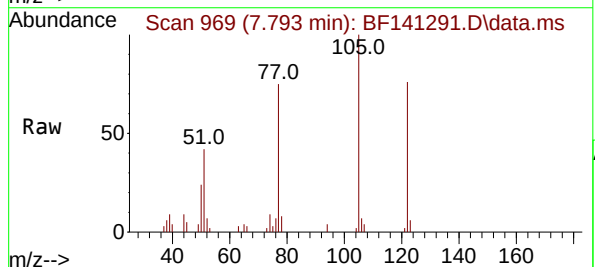
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

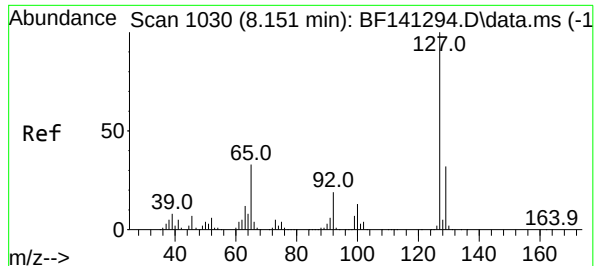
Tgt Ion:128 Resp: 158560
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.6 10.6 15.8



#32
Benzoic acid
Concen: 3.281 ng
RT: 7.793 min Scan# 969
Delta R.T. -0.053 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:122 Resp: 18585
Ion Ratio Lower Upper
122 100
105 130.7 103.4 143.4
77 98.2 70.9 110.9

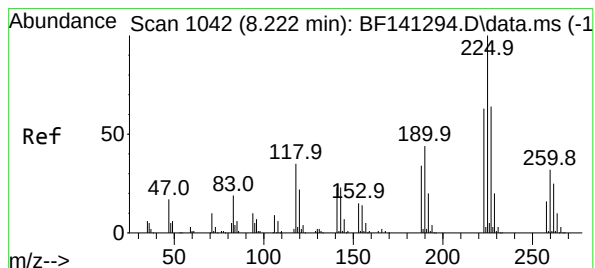
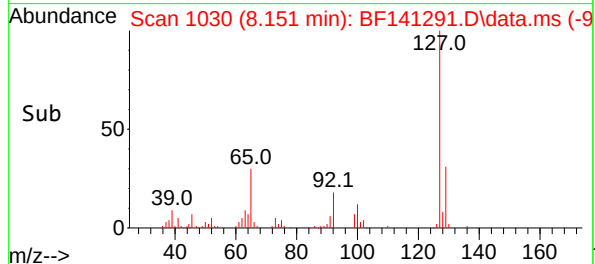
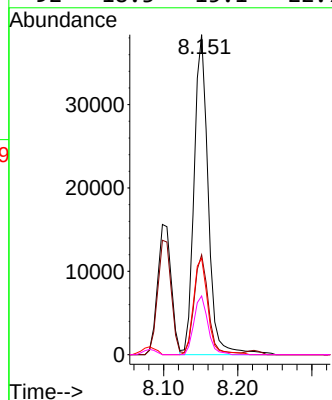
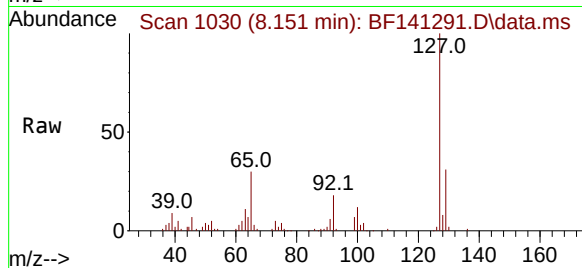




#33
4-Chloroaniline
Concen: 5.405 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

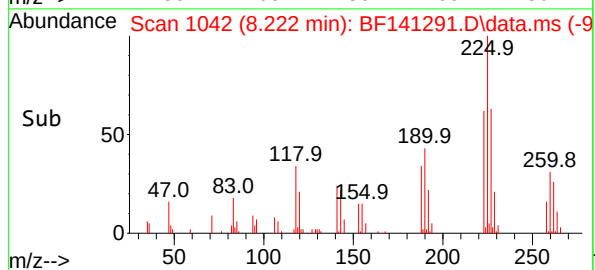
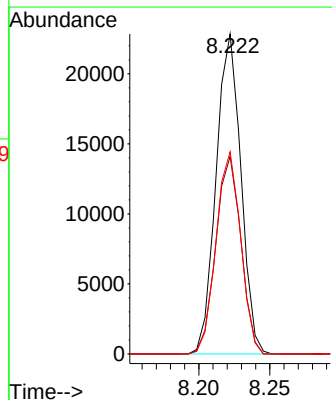
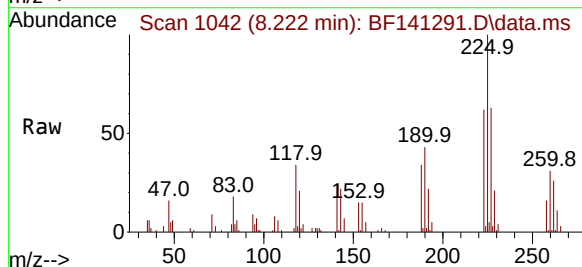
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

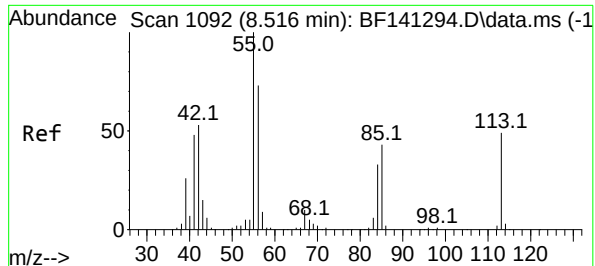
Tgt Ion:	127	Resp:	50760
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.7	38.5
65	30.1	26.4	39.6
92	18.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 5.419 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:	225	Resp:	27720
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	63.2	51.3	76.9

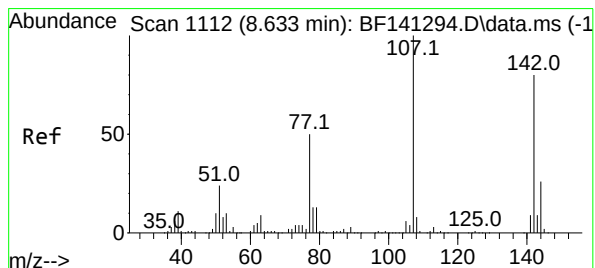
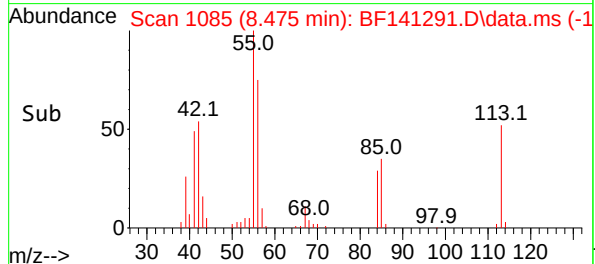
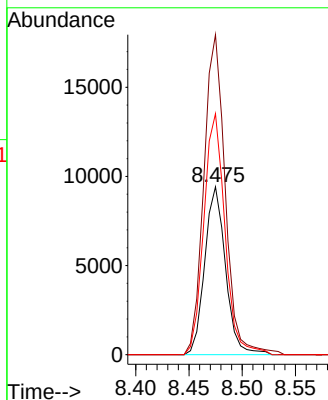
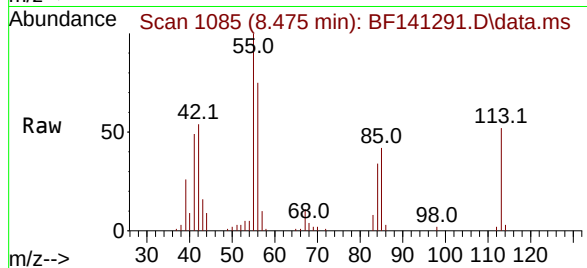




#35
Caprolactam
Concen: 5.204 ng
RT: 8.475 min Scan# 1108
Delta R.T. -0.041 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

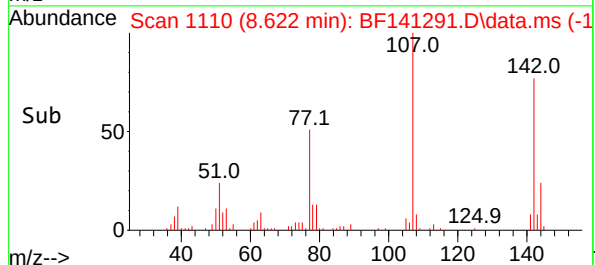
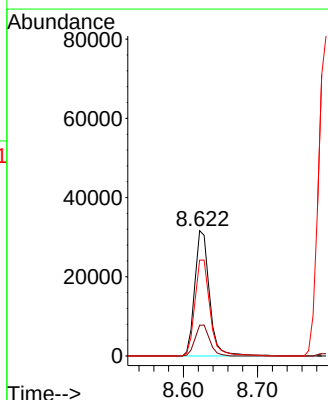
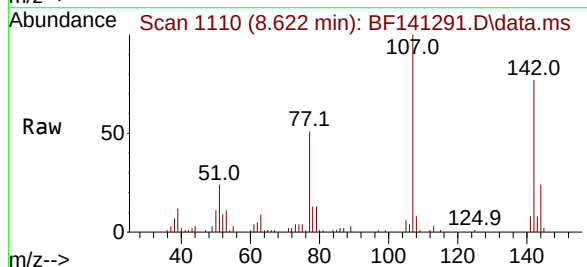
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

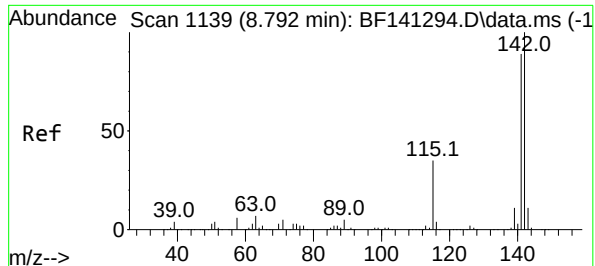
Tgt Ion:113 Resp: 12827
Ion Ratio Lower Upper
113 100
55 190.7 182.9 222.9
56 143.6 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 5.334 ng
RT: 8.622 min Scan# 1110
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:107 Resp: 43627
Ion Ratio Lower Upper
107 100
144 24.5 20.7 31.1
142 76.6 63.8 95.8





#37

2-Methylnaphthalene

Concen: 5.634 ng

RT: 8.793 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

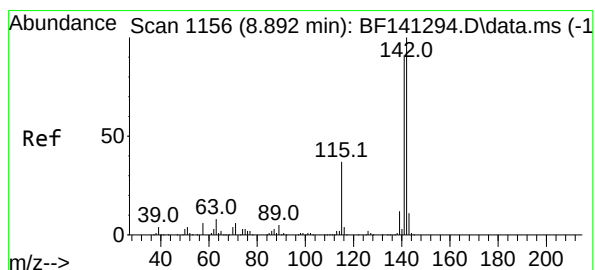
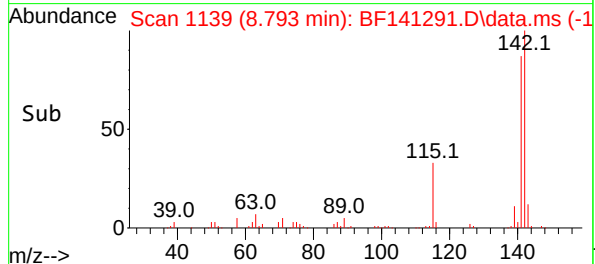
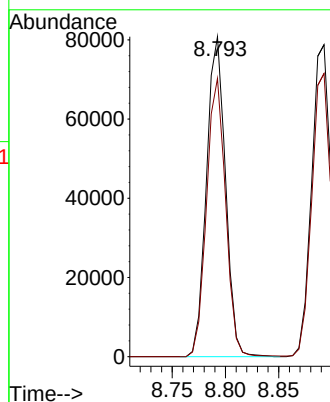
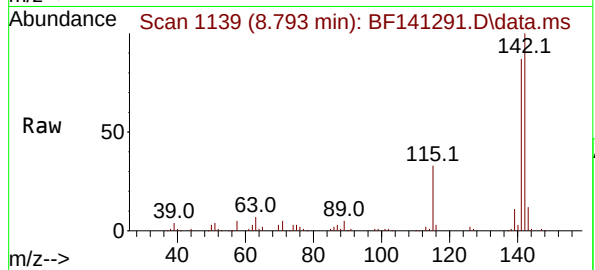
SSTDICC005

Tgt Ion:142 Resp: 100305

Ion Ratio Lower Upper

142 100

141 86.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 5.767 ng

RT: 8.893 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF141291.D

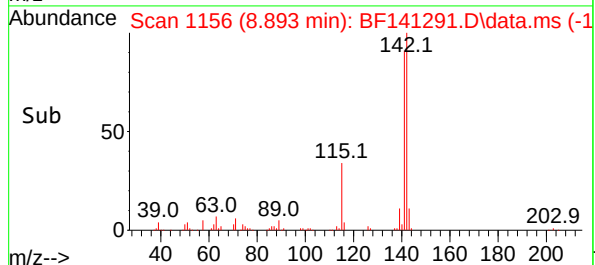
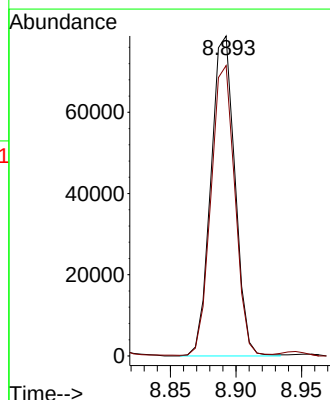
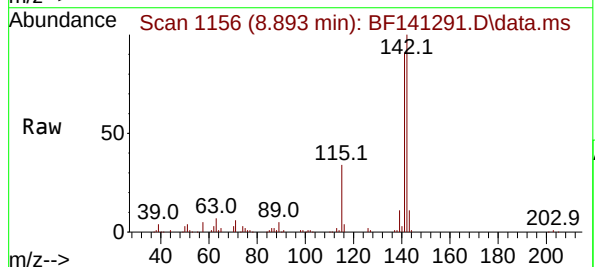
Acq: 29 Jan 2025 10:56

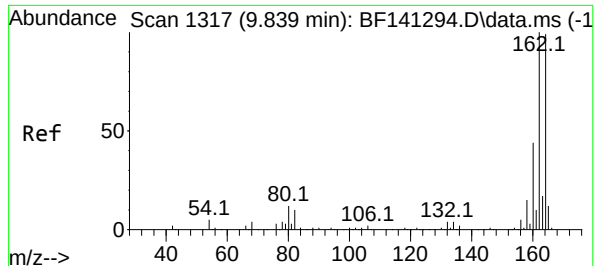
Tgt Ion:142 Resp: 100569

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

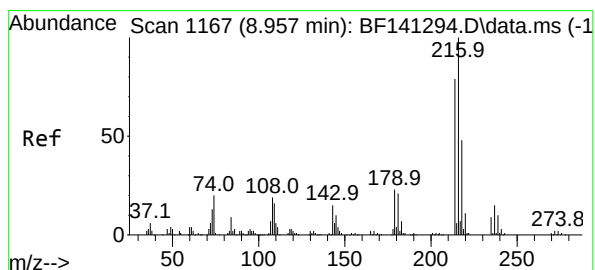
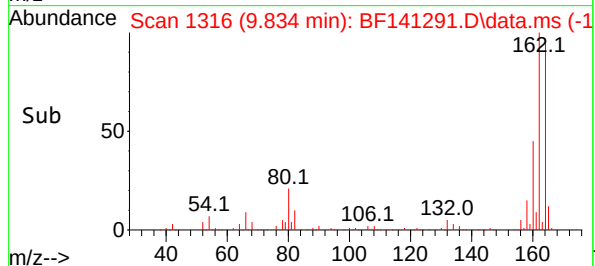
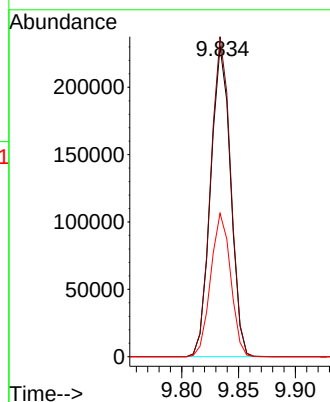
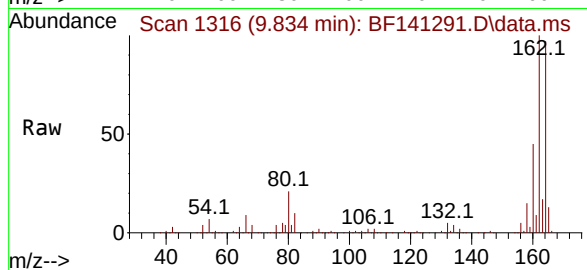
Tgt Ion:164 Resp: 281034

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

160 46.2 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.410 ng

RT: 8.957 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Tgt Ion:216 Resp: 43228

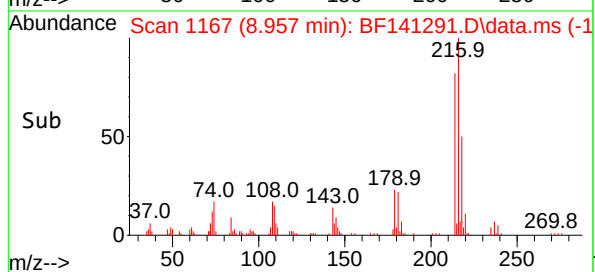
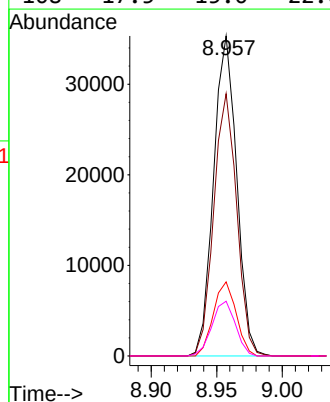
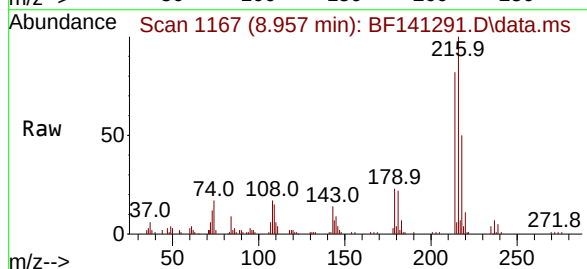
Ion Ratio Lower Upper

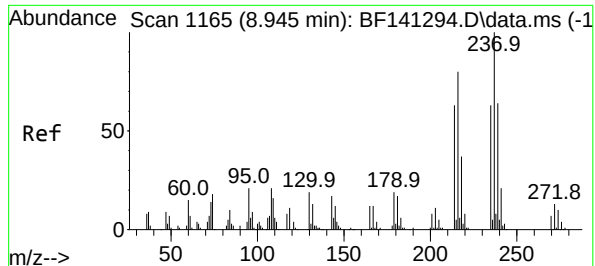
216 100

214 81.4 63.2 94.8

179 22.9 17.8 26.8

108 17.5 15.0 22.6

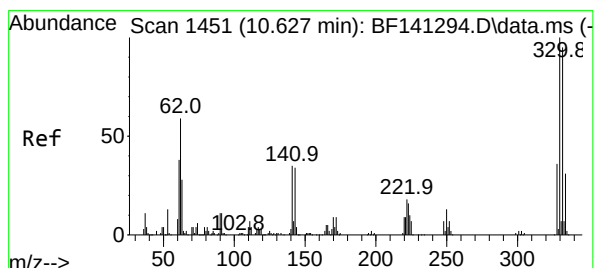
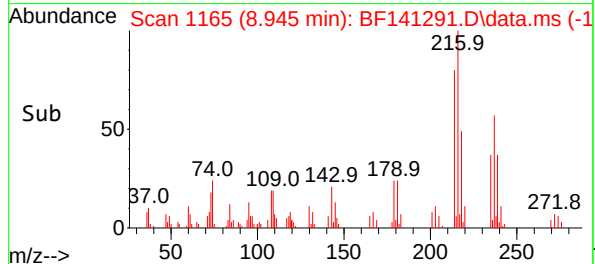
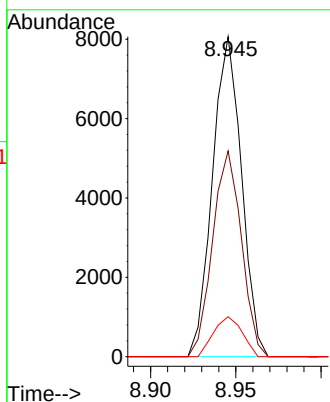
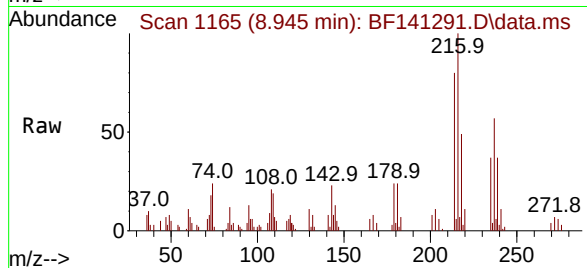




#41
Hexachlorocyclopentadiene
Concen: 3.985 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

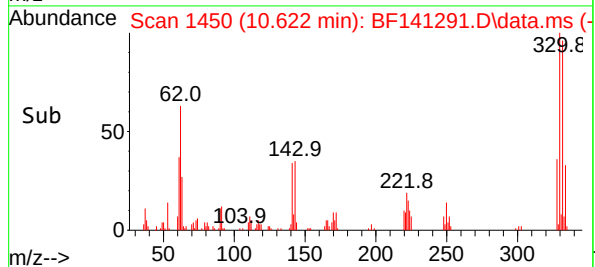
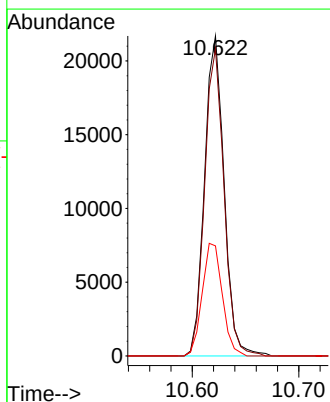
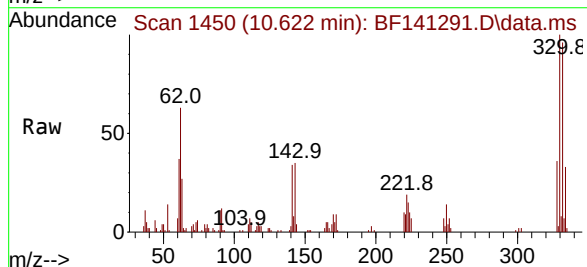
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

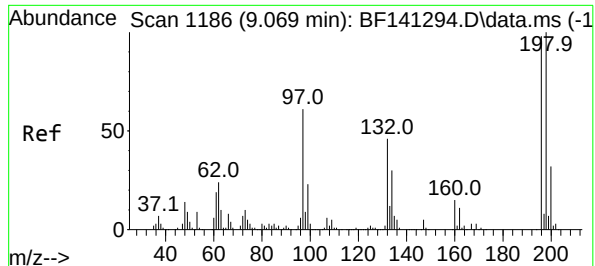
Tgt Ion:	237	Resp:	9555
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.9	82.9
272	12.5	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 10.855 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:	330	Resp:	27799
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.1	114.1
141	36.2	28.8	43.2





#43

2,4,6-Trichlorophenol

Concen: 5.136 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

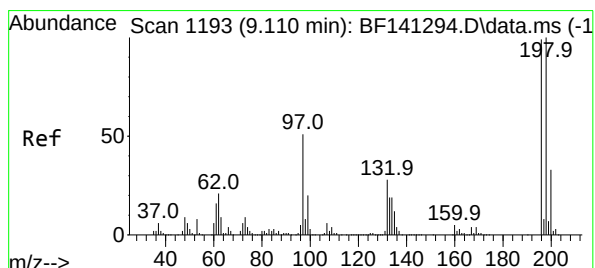
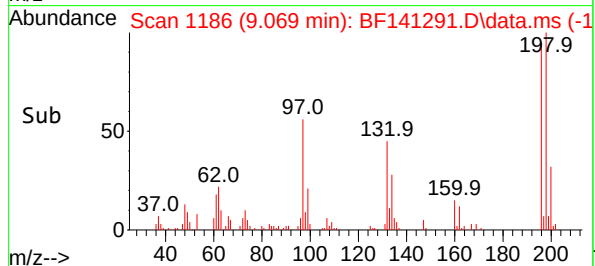
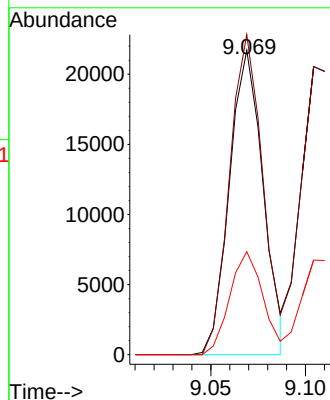
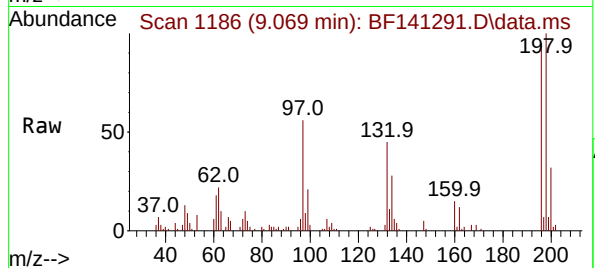
Tgt Ion:196 Resp: 26790

Ion Ratio Lower Upper

196 100

198 105.1 81.8 122.6

200 33.8 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 5.309 ng

RT: 9.104 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Tgt Ion:196 Resp: 30127

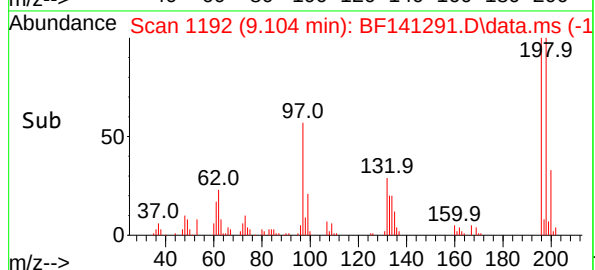
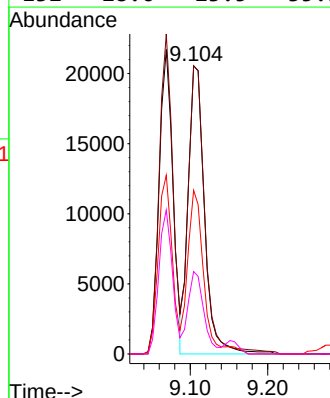
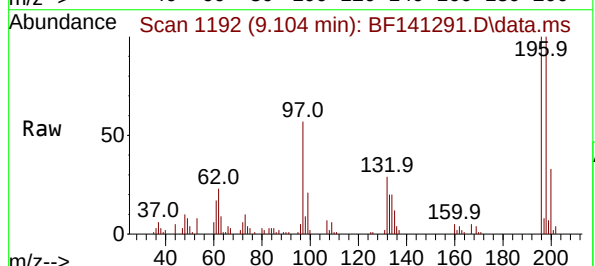
Ion Ratio Lower Upper

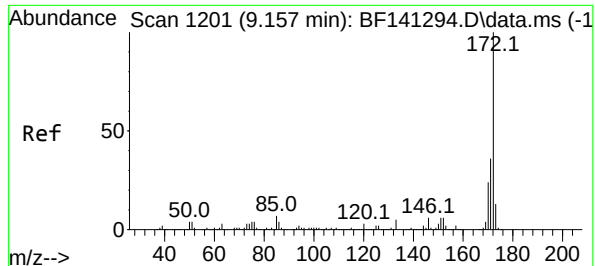
196 100

198 100.0 80.5 120.7

97 56.8 42.8 64.2

132 28.6 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 12.320 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

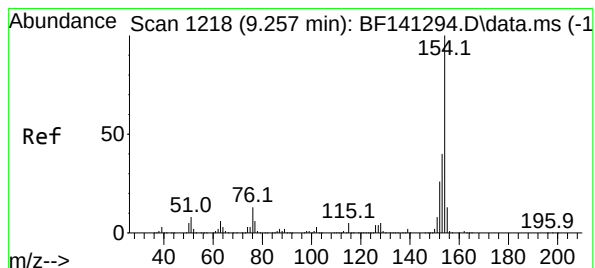
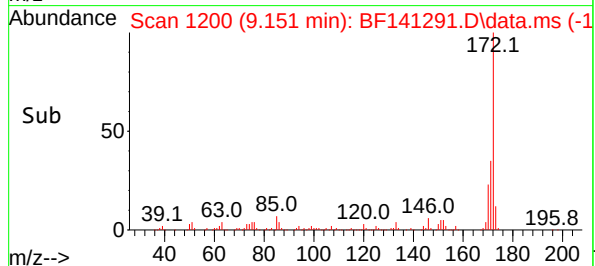
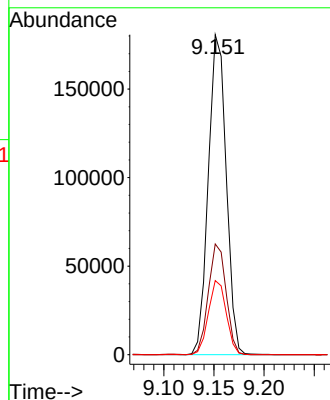
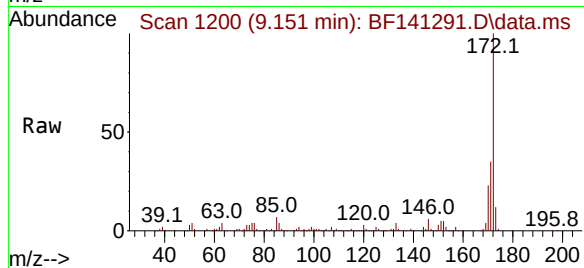
Tgt Ion:172 Resp: 224446

Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 5.801 ng

RT: 9.257 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

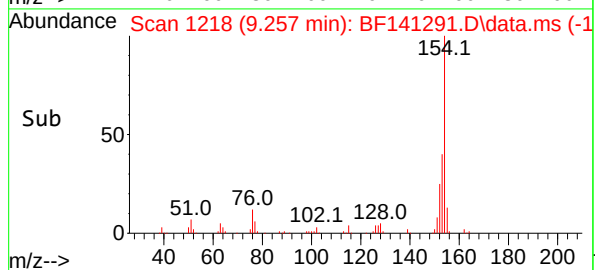
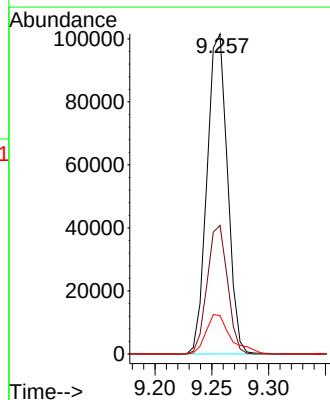
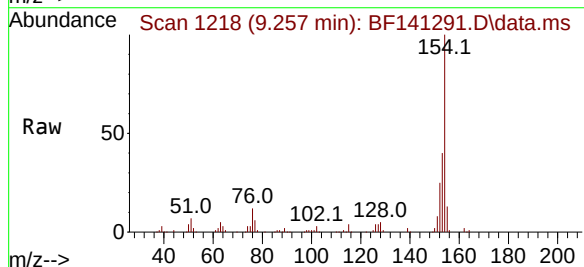
Tgt Ion:154 Resp: 127187

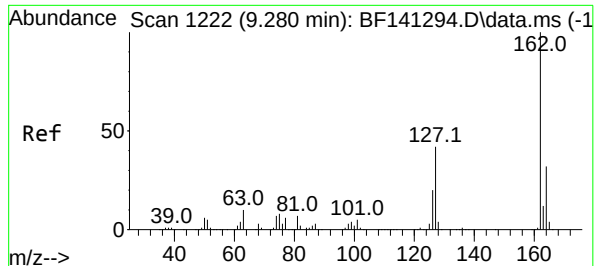
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 5.760 ng

RT: 9.281 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

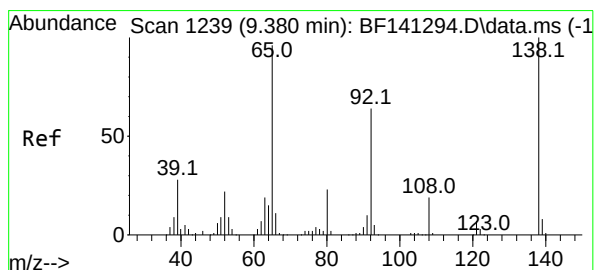
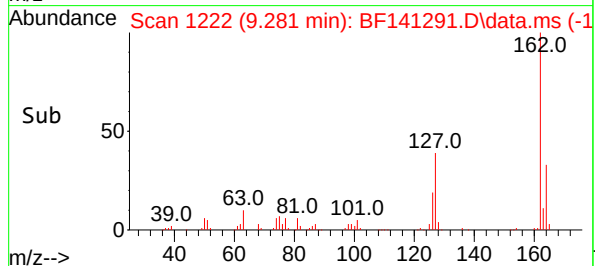
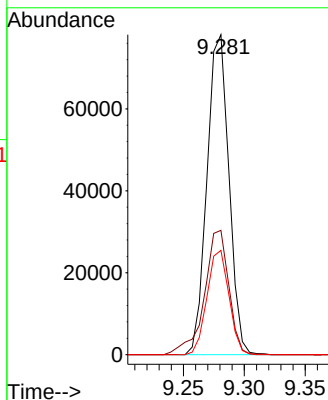
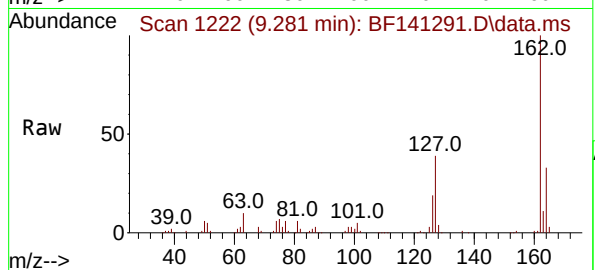
Tgt Ion:162 Resp: 98081

Ion Ratio Lower Upper

162 100

127 38.8 33.7 50.5

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 5.056 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

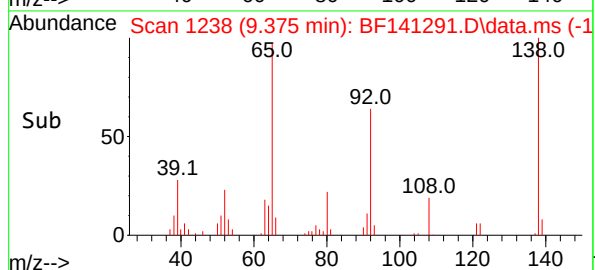
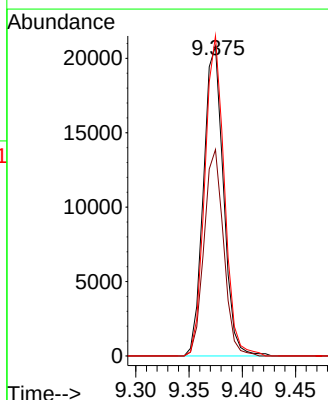
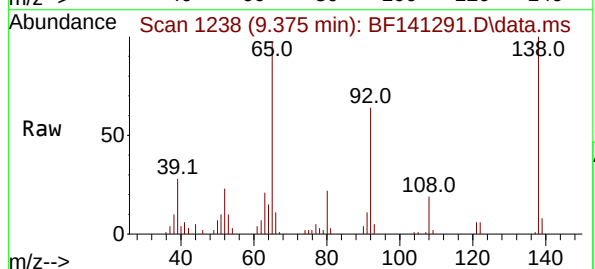
Tgt Ion: 65 Resp: 27154

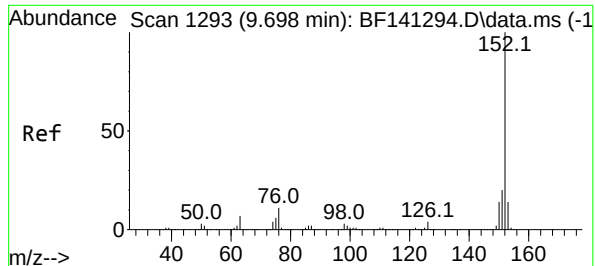
Ion Ratio Lower Upper

65 100

92 66.6 53.3 79.9

138 103.3 83.6 125.4





#49

Acenaphthylene

Concen: 5.643 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

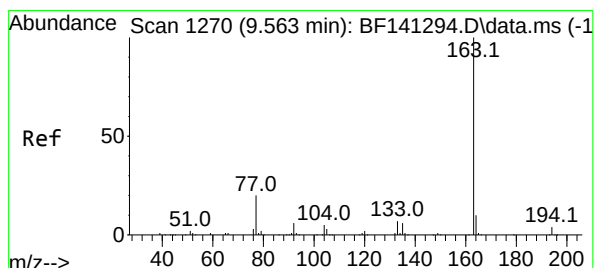
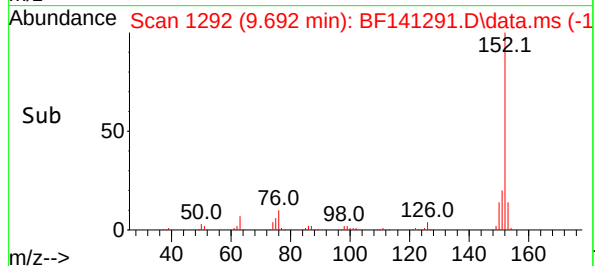
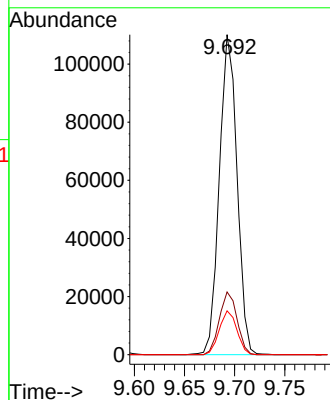
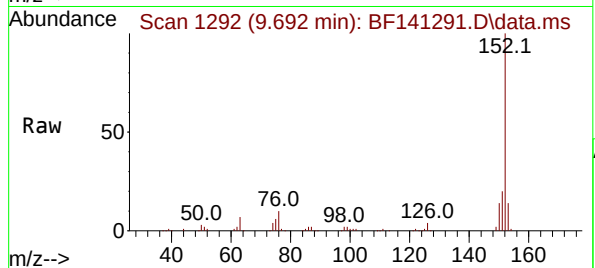
Tgt Ion:152 Resp: 134958

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.7 11.0 16.6



#50

Dimethylphthalate

Concen: 5.584 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.011 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

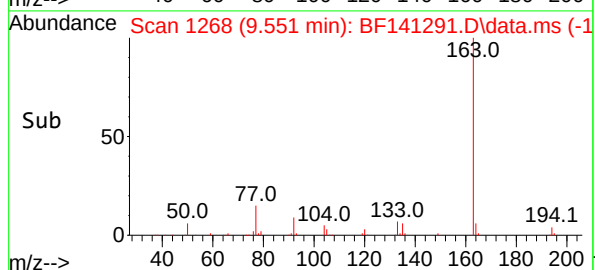
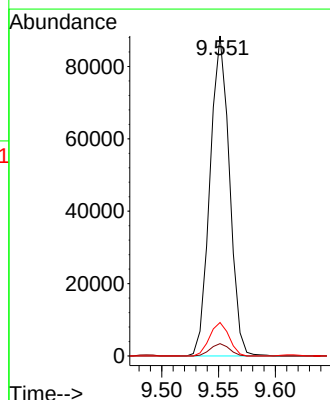
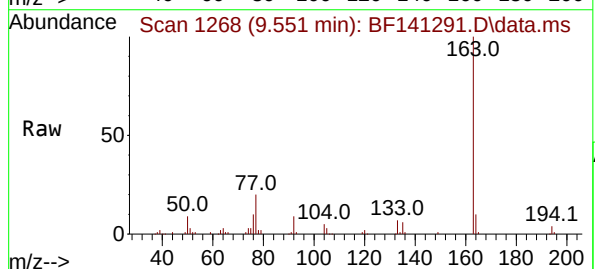
Tgt Ion:163 Resp: 105240

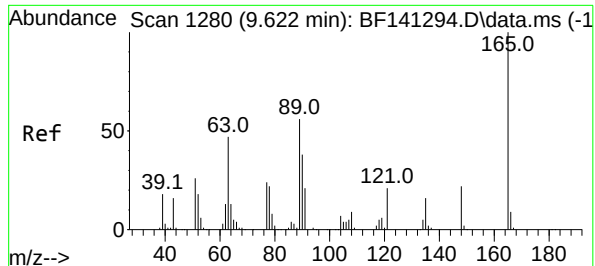
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.5 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 5.329 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

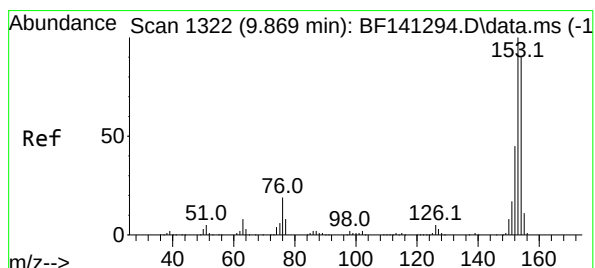
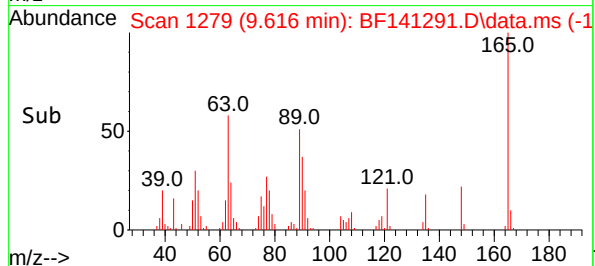
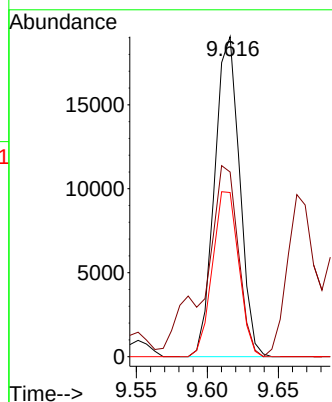
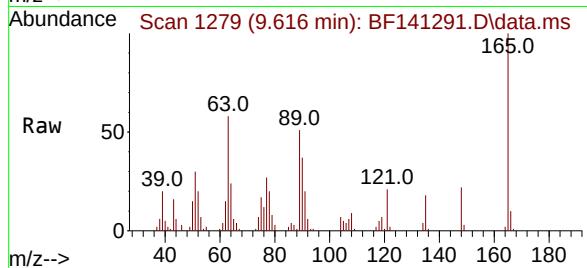
Tgt Ion:165 Resp: 23372

Ion Ratio Lower Upper

165 100

63 57.7 48.1 72.1

89 51.3 44.9 67.3



#52

Acenaphthene

Concen: 5.617 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

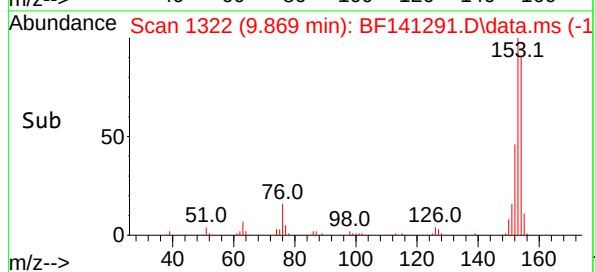
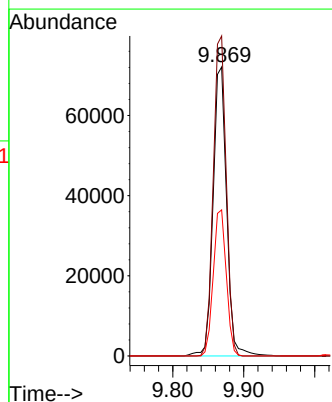
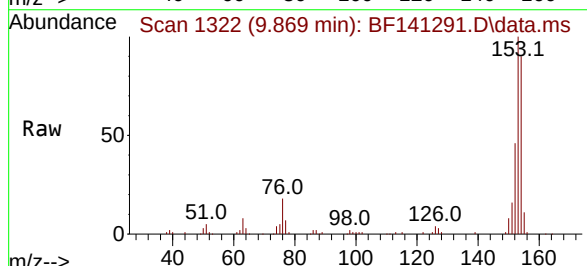
Tgt Ion:154 Resp: 95591

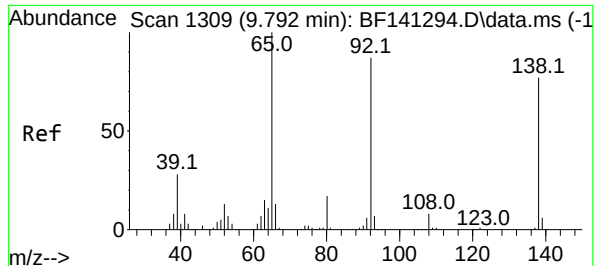
Ion Ratio Lower Upper

154 100

153 110.8 89.0 133.4

152 50.6 40.2 60.4

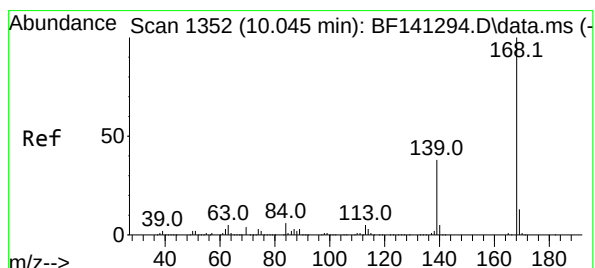
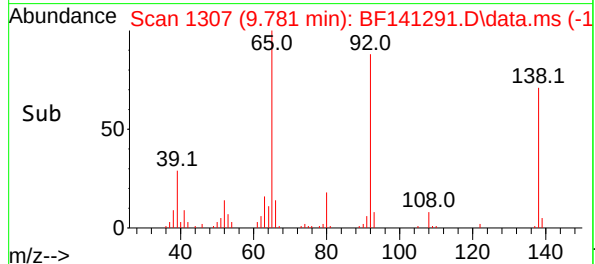
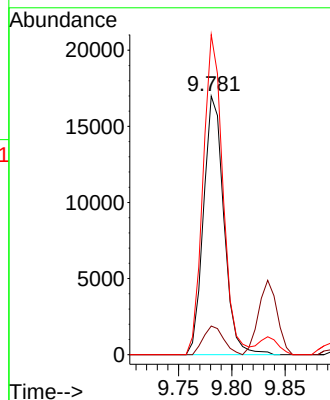
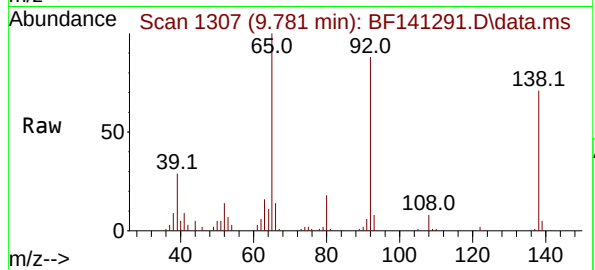




#53
3-Nitroaniline
Concen: 5.206 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

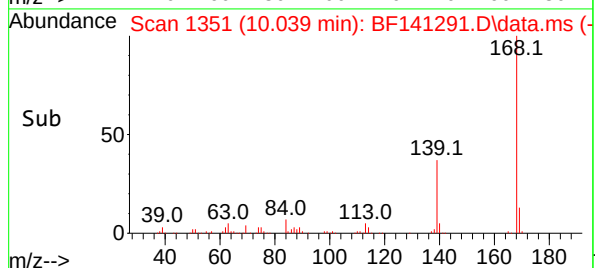
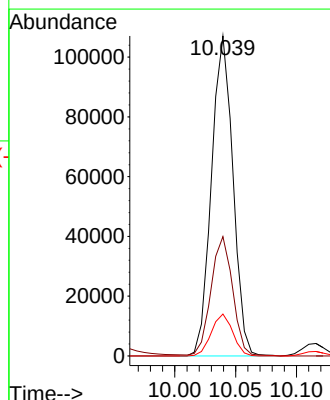
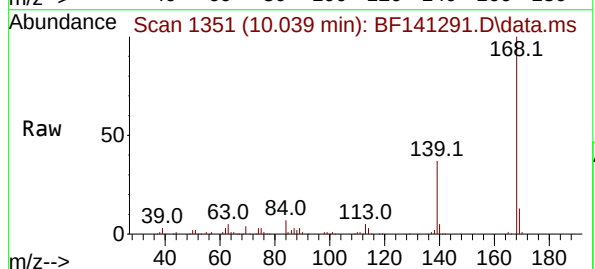
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

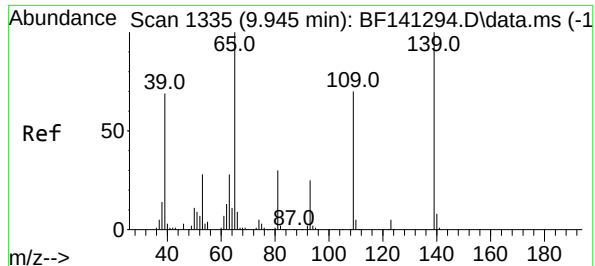
Tgt Ion:138 Resp: 22582
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 123.7 91.0 136.6



#55
Dibenzofuran
Concen: 5.769 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:168 Resp: 131288
Ion Ratio Lower Upper
168 100
139 37.3 30.6 46.0
169 13.1 10.8 16.2

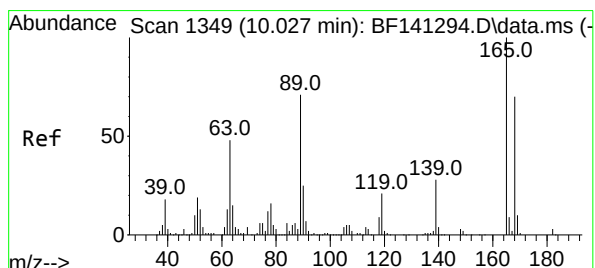
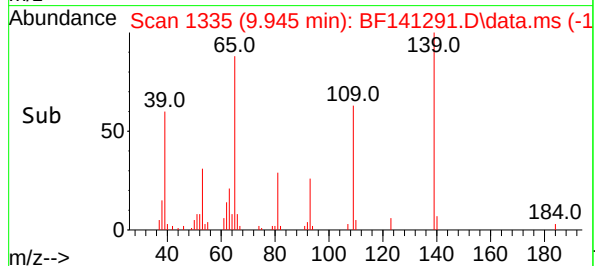
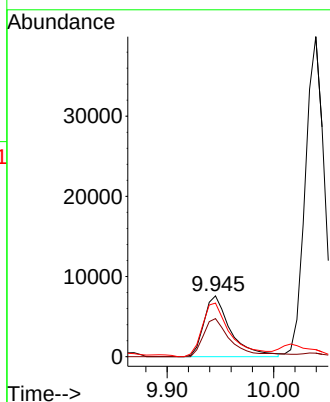
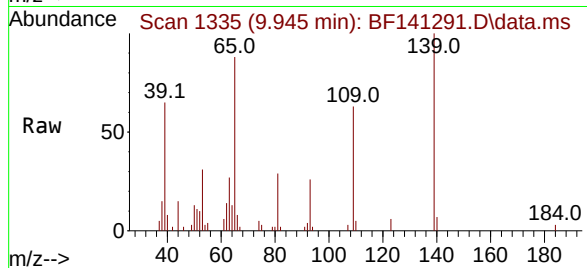




#56
4-Nitrophenol
Concen: 4.226 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

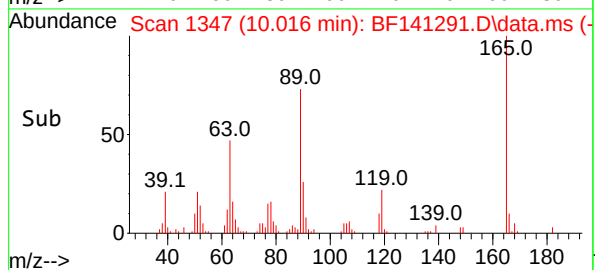
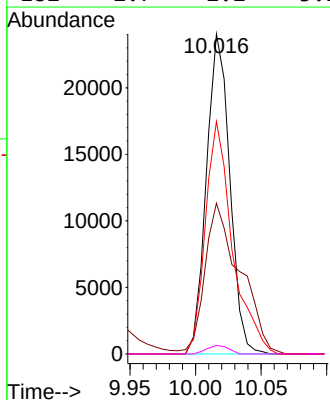
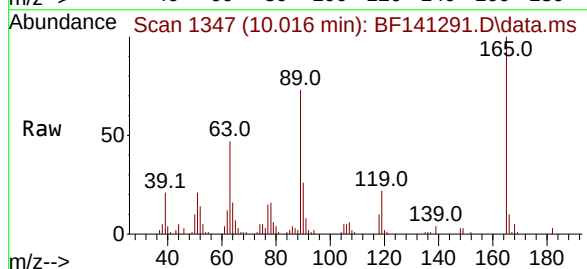
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

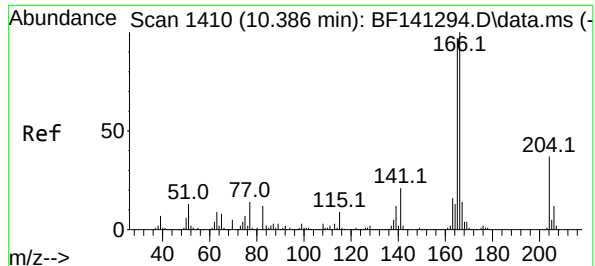
Tgt Ion:139 Resp: 13160
Ion Ratio Lower Upper
139 100
109 62.7 50.2 90.2
65 88.2 80.6 120.6



#57
2,4-Dinitrotoluene
Concen: 5.268 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:165 Resp: 29799
Ion Ratio Lower Upper
165 100
63 47.1 39.2 58.8
89 72.7 56.9 85.3
182 2.7 2.2 3.2





#58

Fluorene

Concen: 6.002 ng

RT: 10.381 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

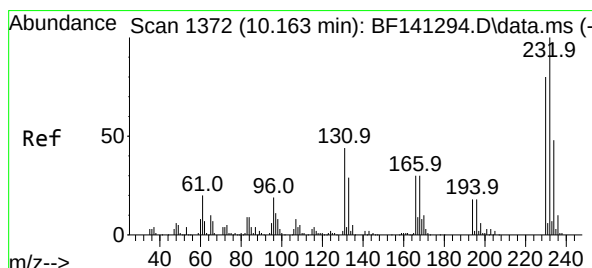
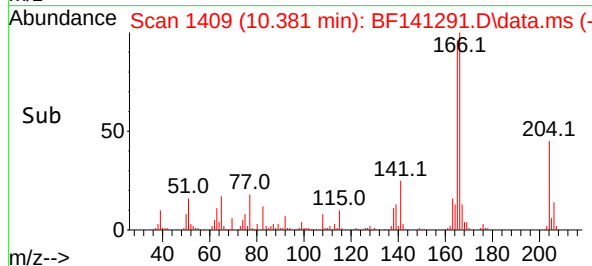
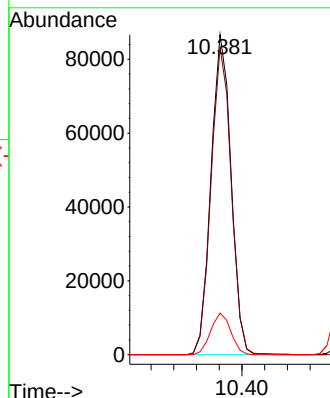
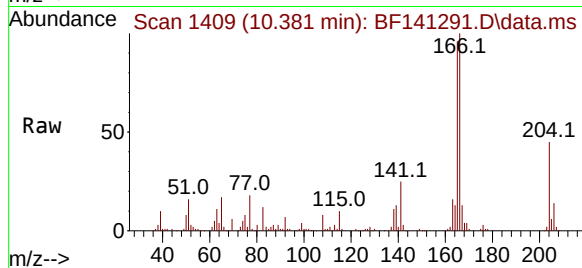
Tgt Ion:166 Resp: 106198

Ion Ratio Lower Upper

166 100

165 96.0 77.5 116.3

167 13.0 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 5.090 ng

RT: 10.157 min Scan# 1371

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Tgt Ion:232 Resp: 22818

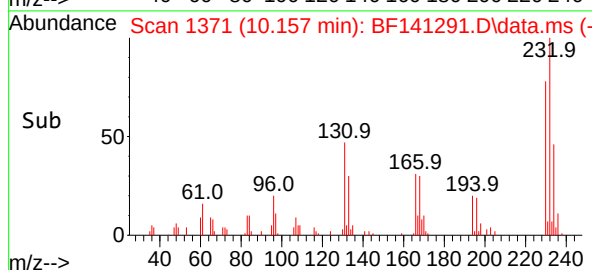
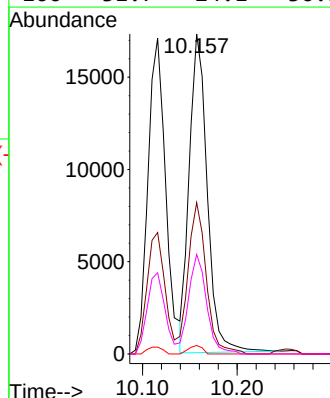
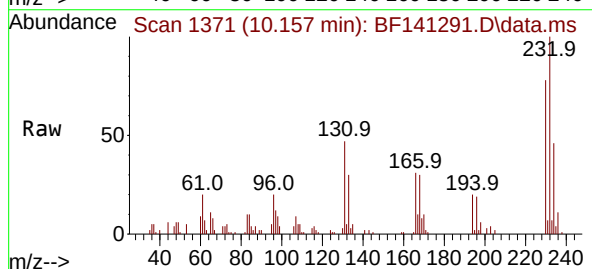
Ion Ratio Lower Upper

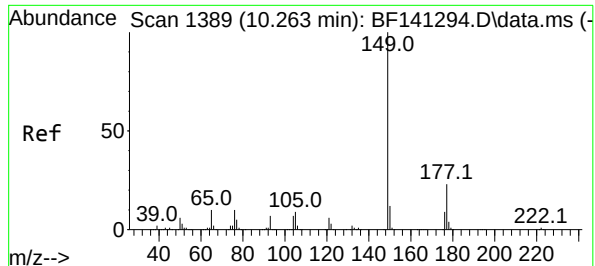
232 100

131 48.3 36.4 54.6

130 2.1 1.9 2.9

166 31.7 24.1 36.1





#60

Diethylphthalate

Concen: 5.660 ng

RT: 10.251 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

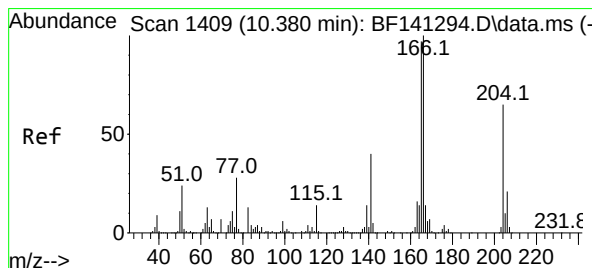
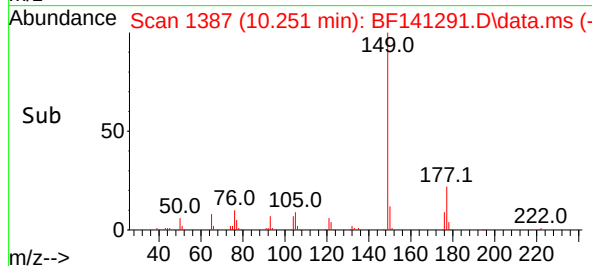
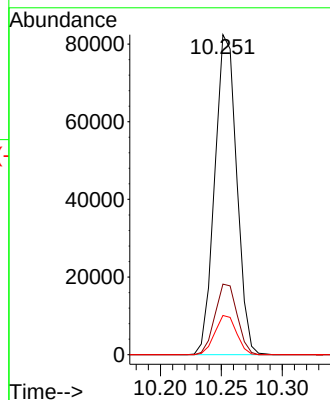
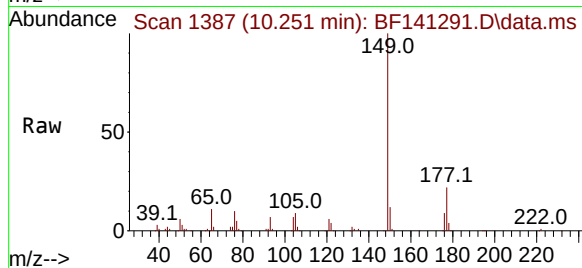
Tgt Ion:149 Resp: 103307

Ion Ratio Lower Upper

149 100

177 22.1 18.5 27.7

150 12.3 10.0 15.0



#61

4-Chlorophenyl-phenylether

Concen: 6.007 ng

RT: 10.375 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

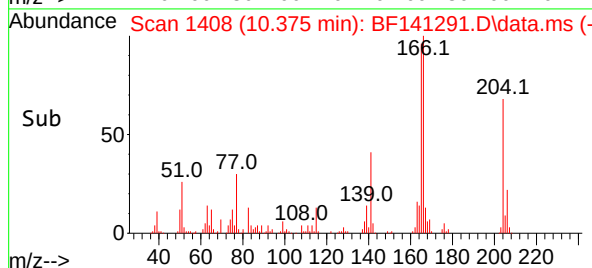
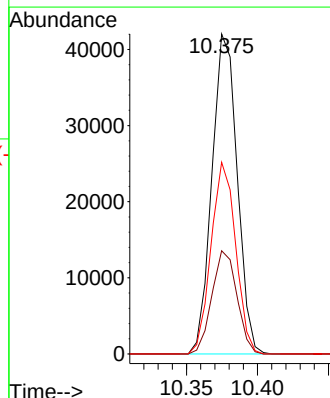
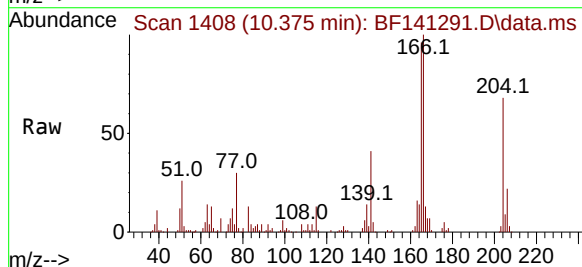
Tgt Ion:204 Resp: 51875

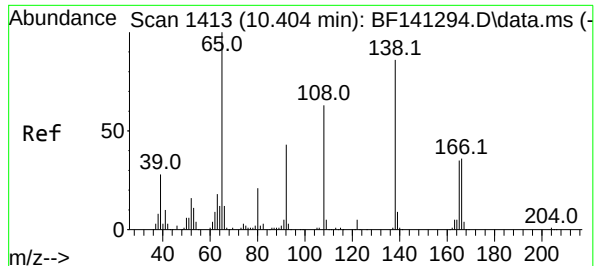
Ion Ratio Lower Upper

204 100

206 32.3 25.9 38.9

141 59.9 49.5 74.3

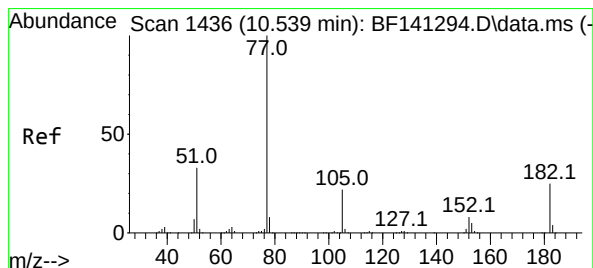
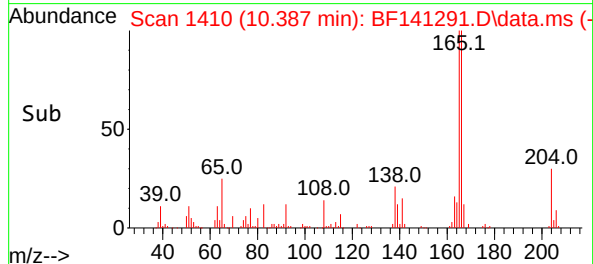
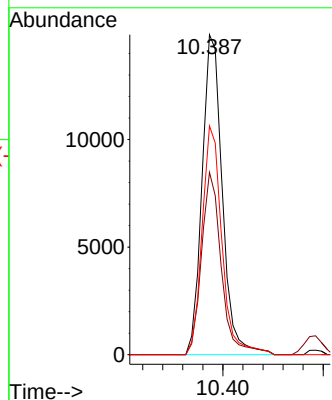
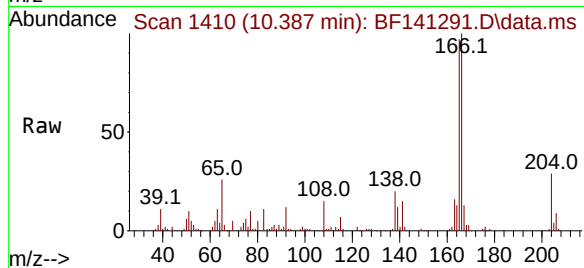




#62
4-Nitroaniline
Concen: 5.008 ng
RT: 10.387 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

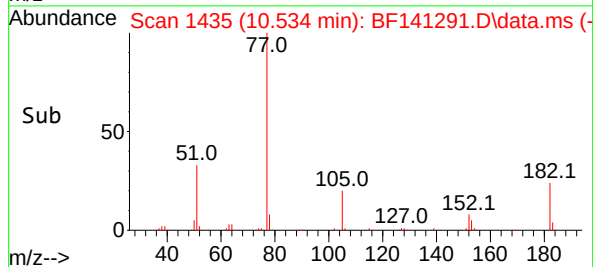
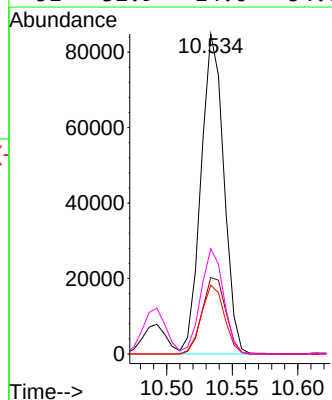
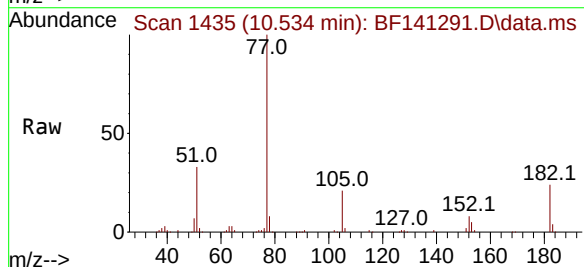
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

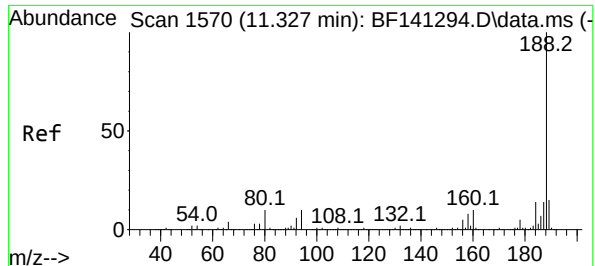
Tgt Ion:138 Resp: 20870
Ion Ratio Lower Upper
138 100
92 57.0 30.1 70.1
108 71.5 53.1 93.1



#63
Azobenzene
Concen: 5.623 ng
RT: 10.534 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 77 Resp: 102878
Ion Ratio Lower Upper
77 100
182 23.9 5.1 45.1
105 21.5 1.8 41.8
51 32.9 14.0 54.0

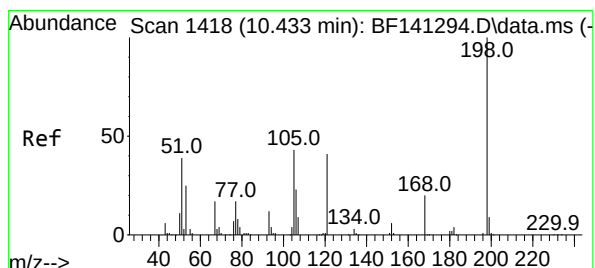
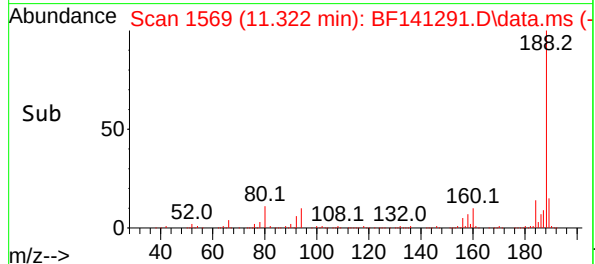
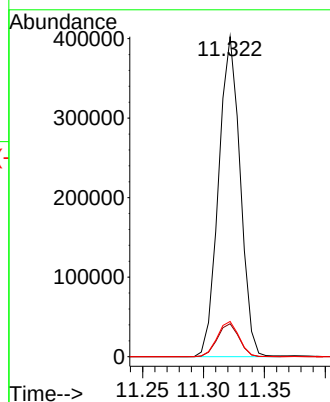
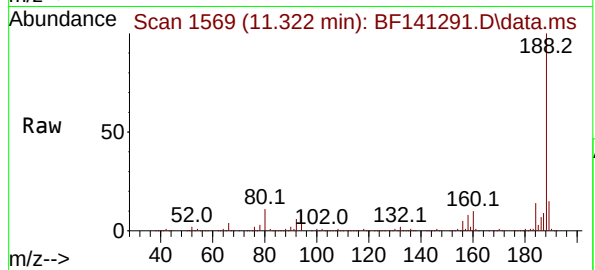




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

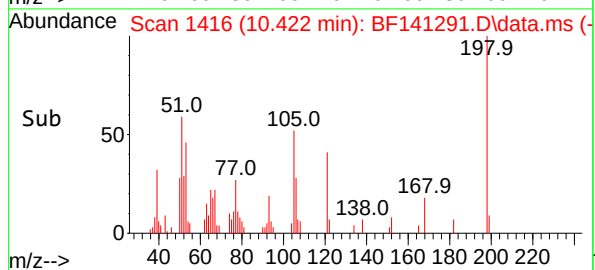
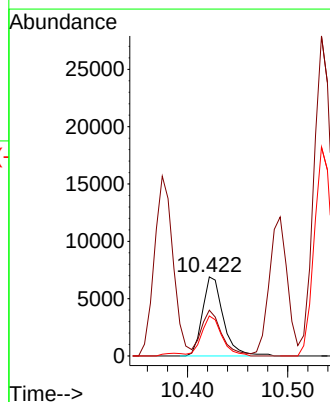
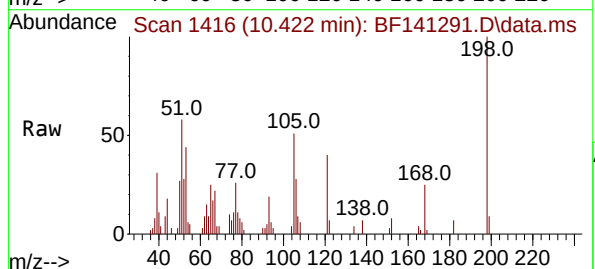
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

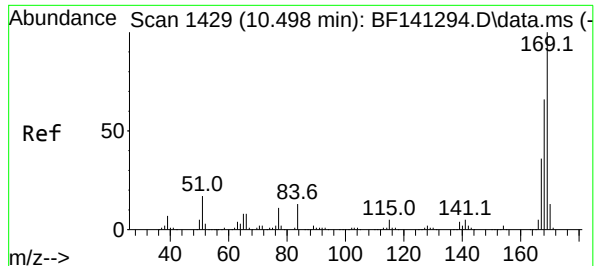
Tgt Ion:188 Resp: 497368
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 3.353 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:198 Resp: 9960
Ion Ratio Lower Upper
198 100
51 57.8 33.4 73.4
105 50.6 24.4 64.4

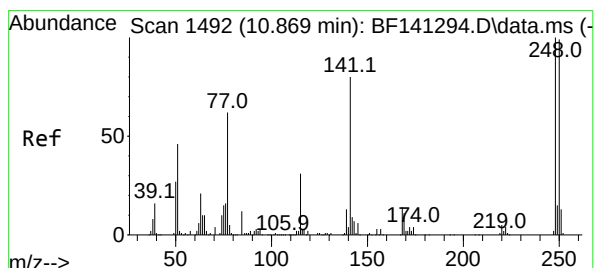
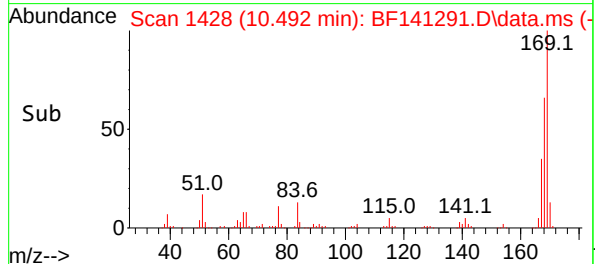
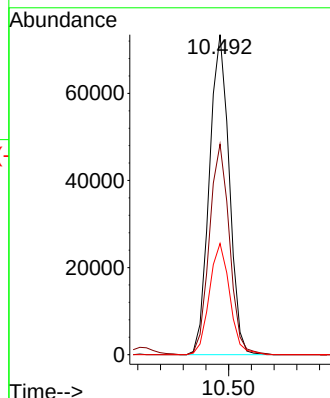
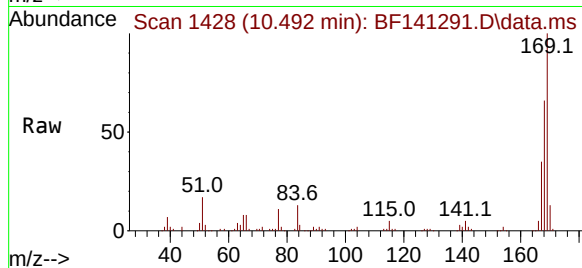




#66
n-Nitrosodiphenylamine
Concen: 5.523 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

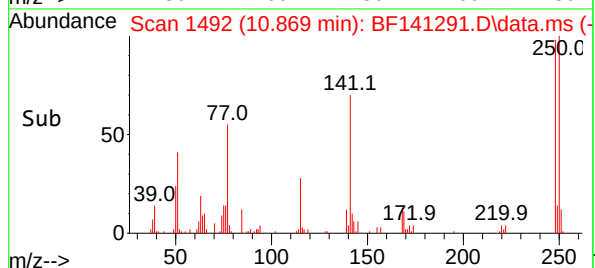
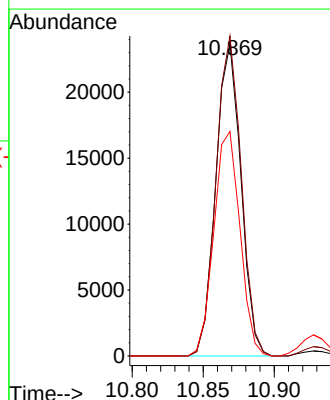
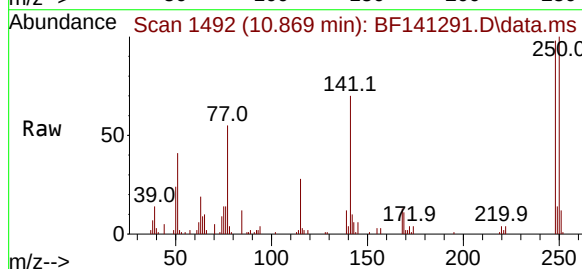
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

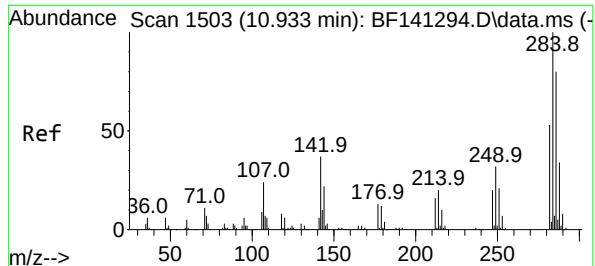
Tgt Ion:169 Resp: 89060
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.4
167 34.7 28.8 43.2



#67
4-Bromophenyl-phenylether
Concen: 5.245 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:248 Resp: 29160
Ion Ratio Lower Upper
248 100
250 102.5 79.0 118.4
141 71.9 63.7 95.5





#68

Hexachlorobenzene

Concen: 5.424 ng

RT: 10.928 min Scan# 1502

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

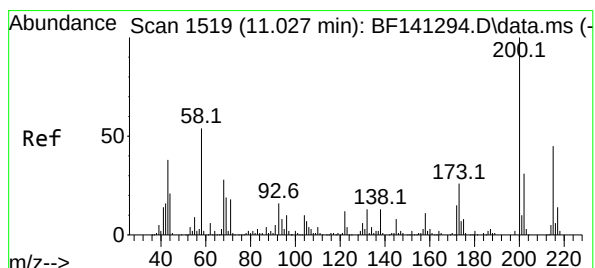
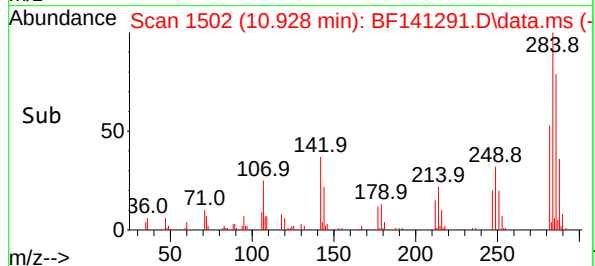
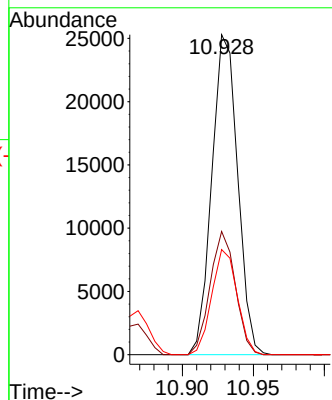
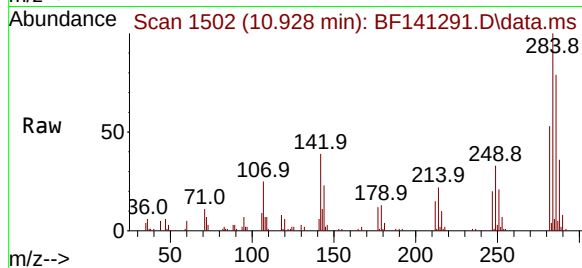
Tgt Ion:284 Resp: 31990

Ion Ratio Lower Upper

284 100

142 38.5 29.5 44.3

249 32.8 25.4 38.2



#69

Atrazine

Concen: 4.855 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.011 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

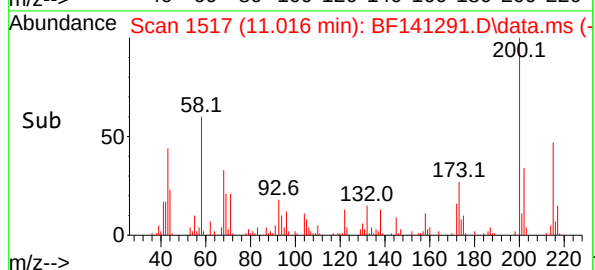
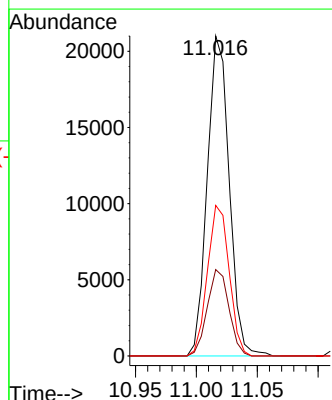
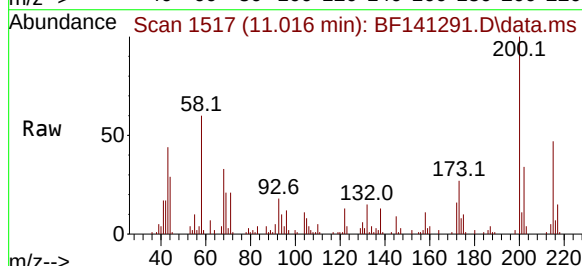
Tgt Ion:200 Resp: 26258

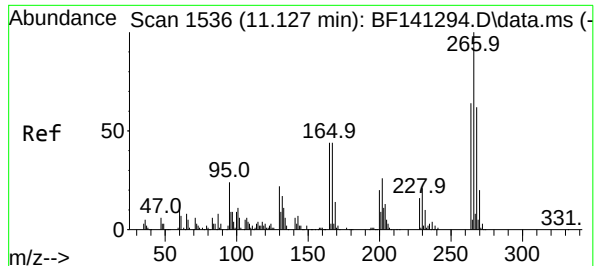
Ion Ratio Lower Upper

200 100

173 27.0 5.9 45.9

215 47.0 25.2 65.2

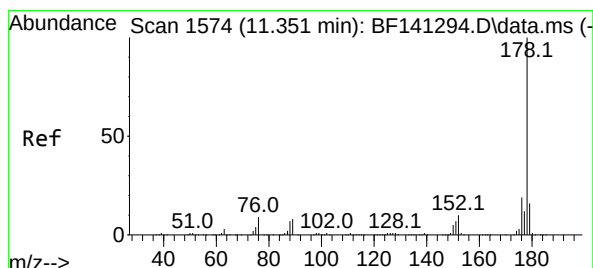
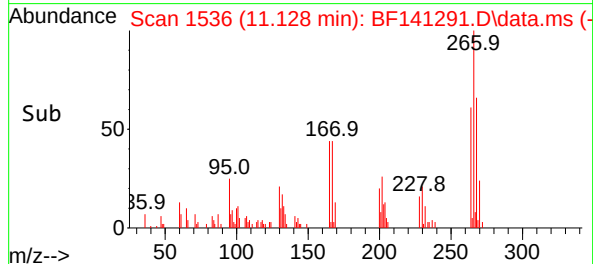
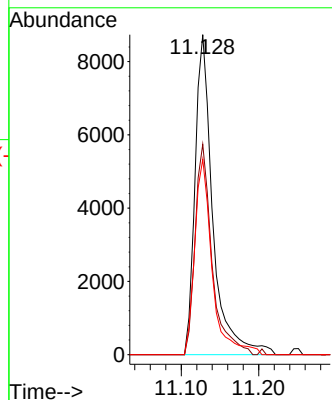
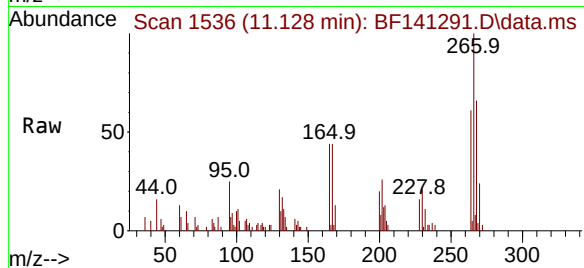




#70
Pentachlorophenol
Concen: 4.027 ng
RT: 11.128 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

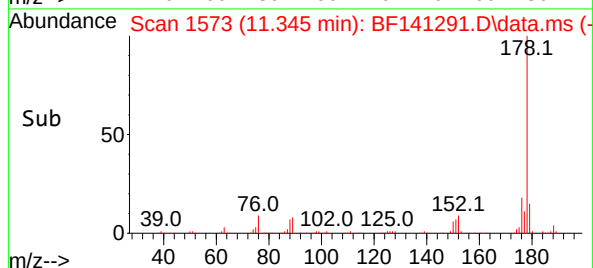
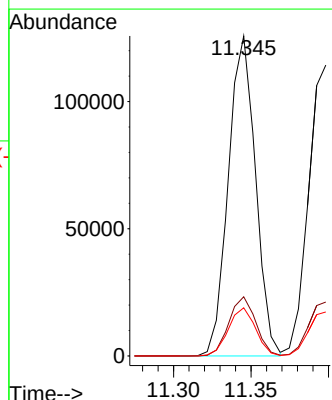
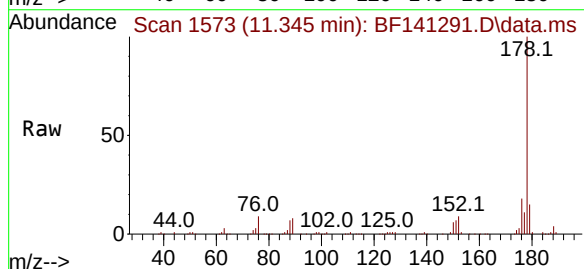
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

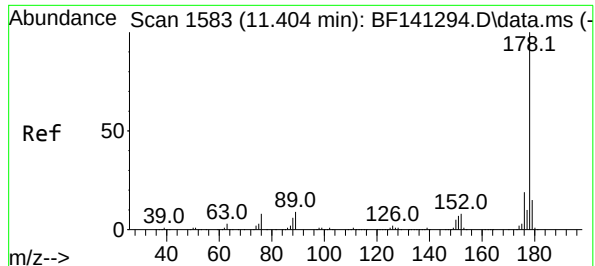
Tgt Ion:266 Resp: 13924
Ion Ratio Lower Upper
266 100
268 65.7 49.9 74.9
264 61.1 51.0 76.4



#71
Phenanthrene
Concen: 5.738 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:178 Resp: 153320
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.0 12.5 18.7

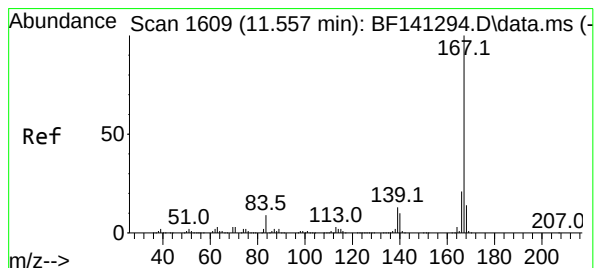
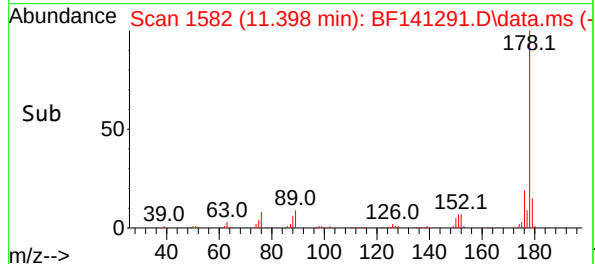
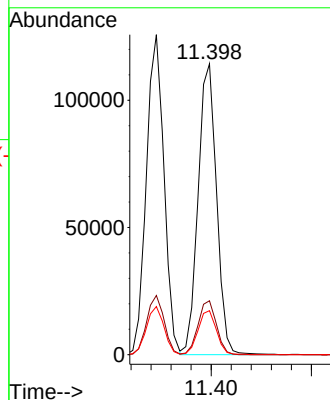
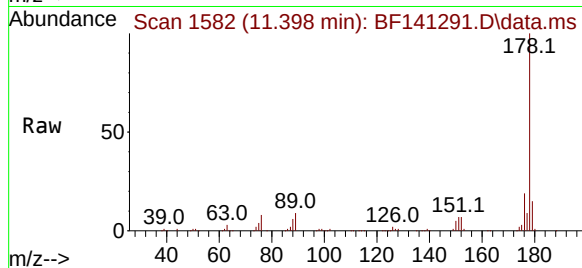




#72
Anthracene
Concen: 5.625 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

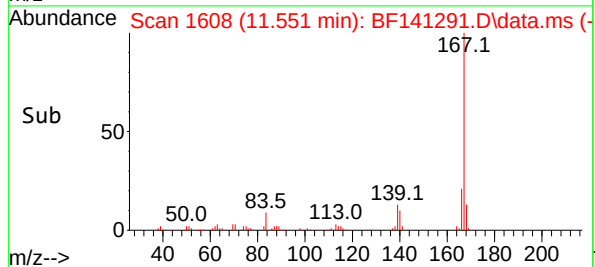
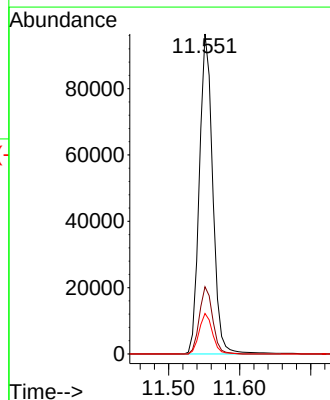
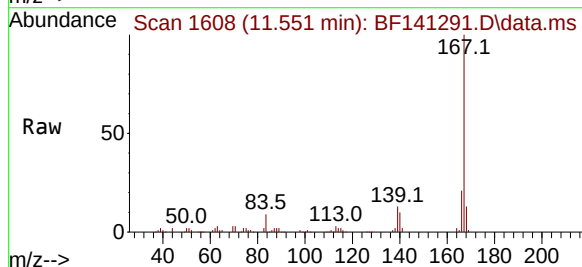
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

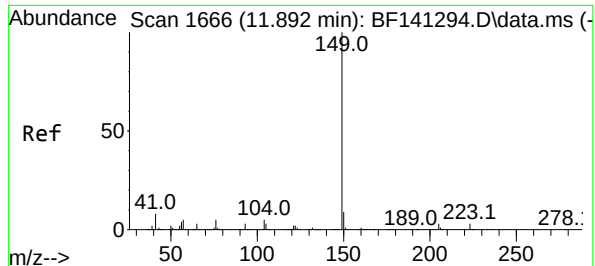
Tgt Ion:178 Resp: 146593
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.1 12.3 18.5



#73
Carbazole
Concen: 5.491 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:167 Resp: 126760
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.6 10.6 16.0

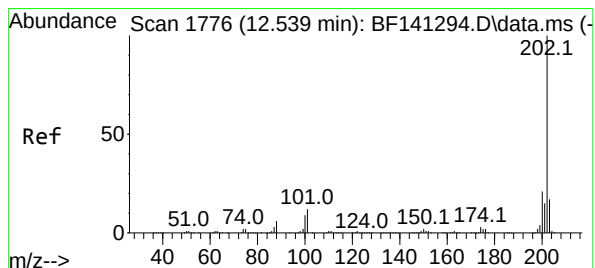
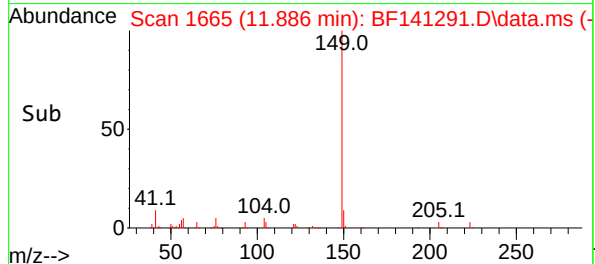
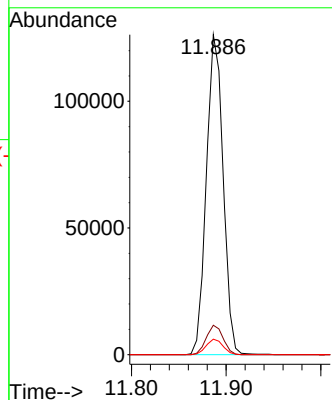
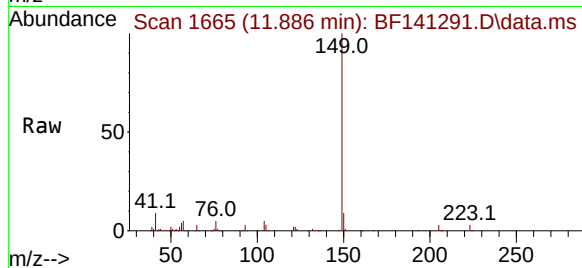




#74
Di-n-butylphthalate
Concen: 5.560 ng
RT: 11.886 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

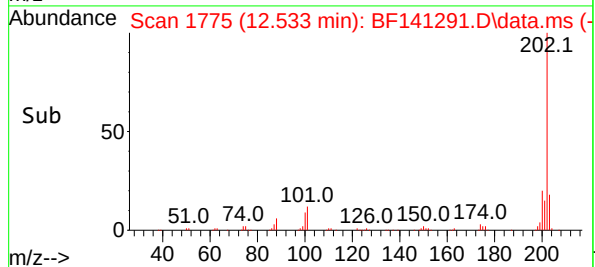
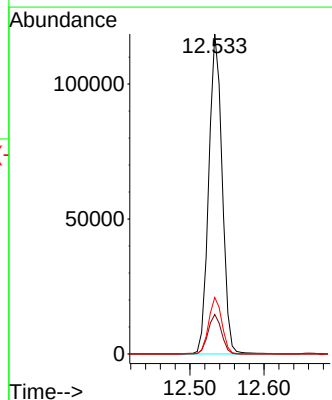
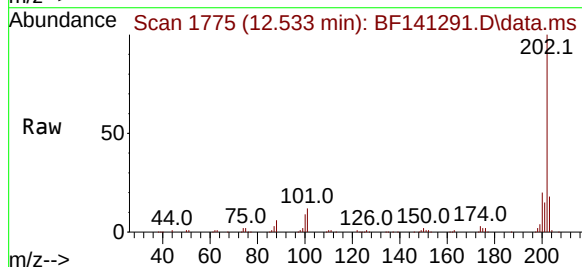
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

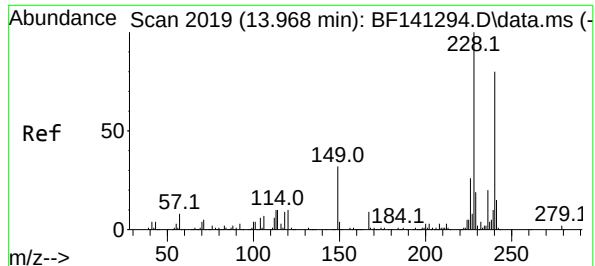
Tgt Ion:149 Resp: 154718
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.9 5.9



#75
Fluoranthene
Concen: 5.696 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:202 Resp: 148553
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.6 0.0 37.5

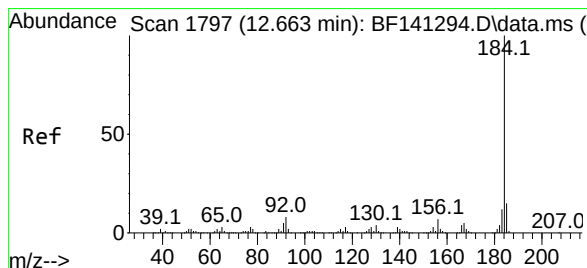
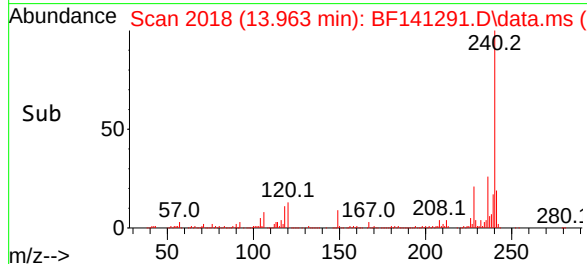
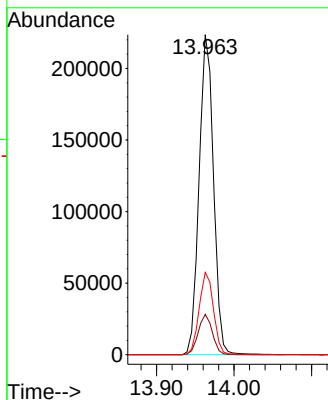
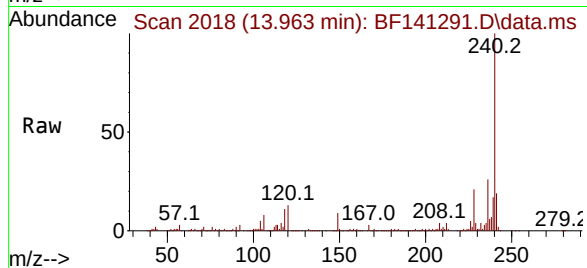




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

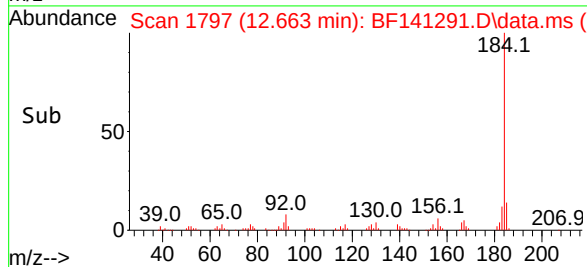
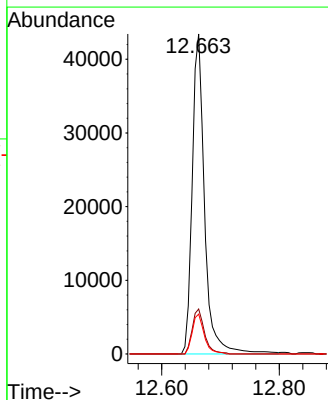
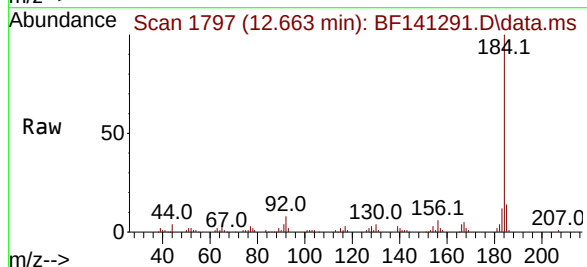
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

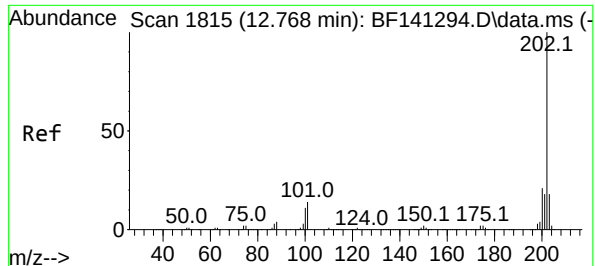
Tgt Ion:240 Resp: 288657
Ion Ratio Lower Upper
240 100
120 12.6 10.0 15.0
236 25.7 19.7 29.5



#77
Benzidine
Concen: 7.253 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:184 Resp: 63661
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 12.4 9.5 14.3





#78

Pyrene

Concen: 5.639 ng

RT: 12.763 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

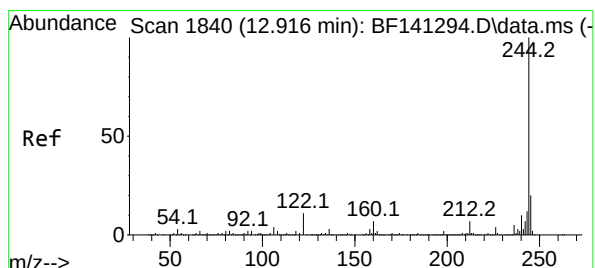
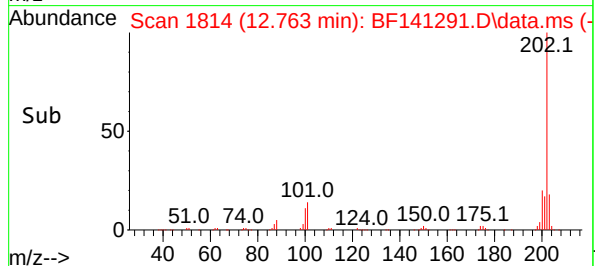
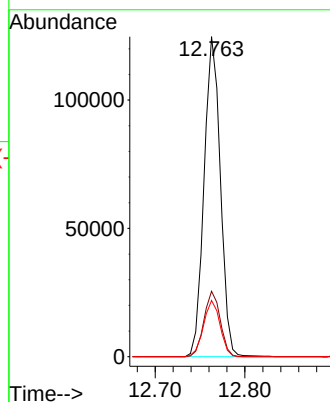
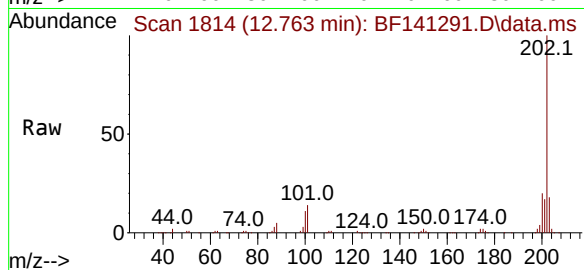
Tgt Ion:202 Resp: 157175

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

203 17.6 14.3 21.5



#79

Terphenyl-d14

Concen: 11.874 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

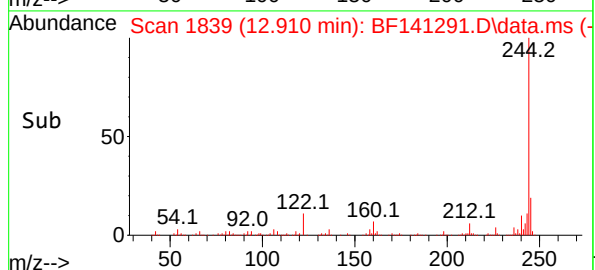
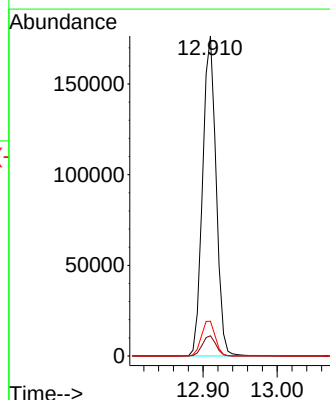
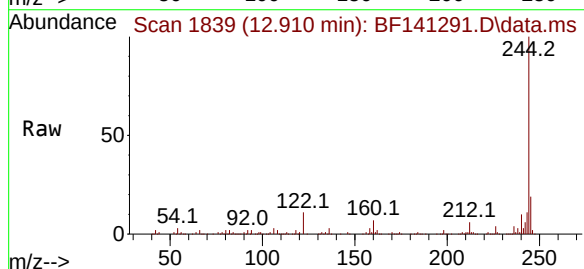
Tgt Ion:244 Resp: 222747

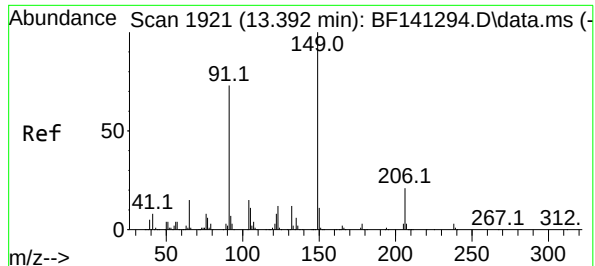
Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 10.9 8.8 13.2





#80

Butylbenzylphthalate

Concen: 5.140 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

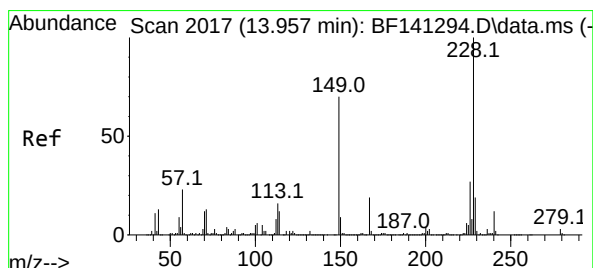
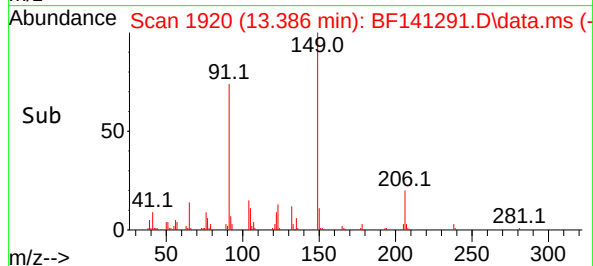
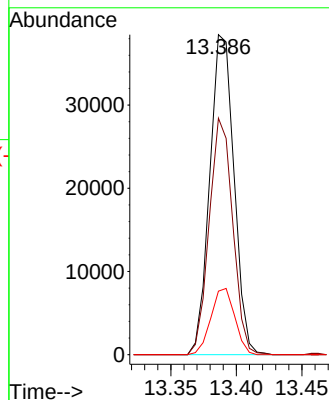
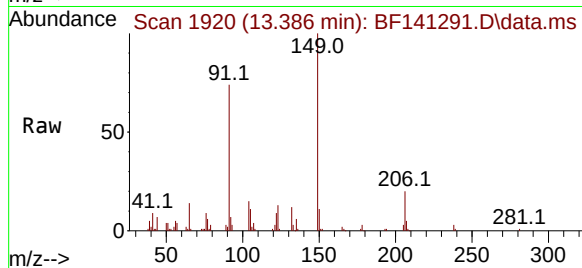
Tgt Ion:149 Resp: 49477

Ion Ratio Lower Upper

149 100

91 73.9 58.6 87.8

206 19.9 16.7 25.1



#81

Benzo(a)anthracene

Concen: 5.588 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

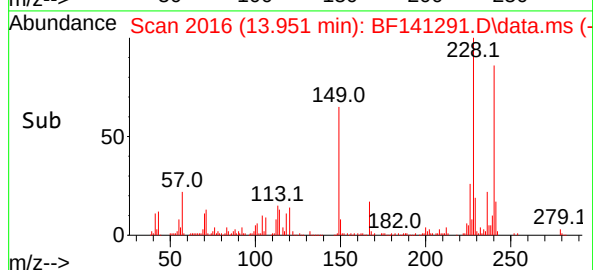
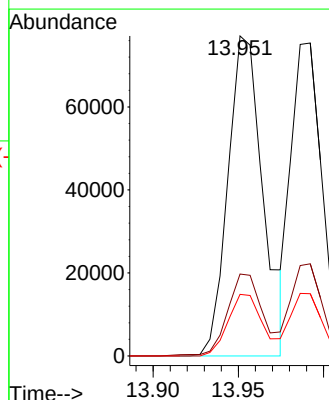
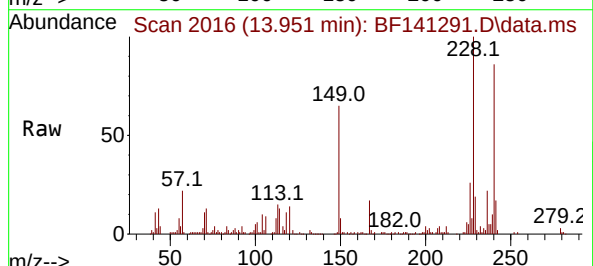
Tgt Ion:228 Resp: 110559

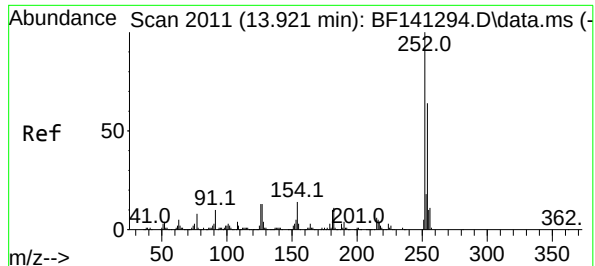
Ion Ratio Lower Upper

228 100

226 25.6 21.4 32.2

229 19.3 15.5 23.3

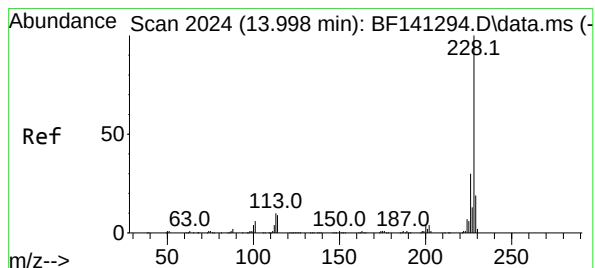
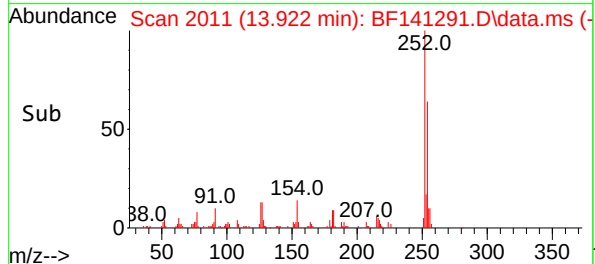
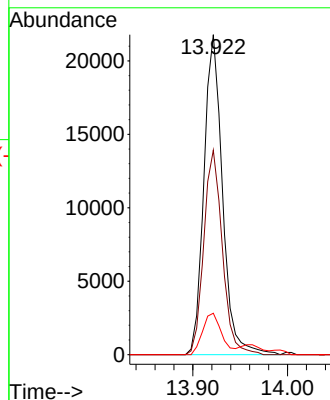
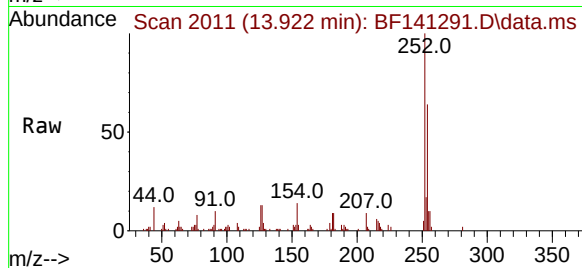




#82
3,3'-Dichlorobenzidine
Concen: 4.803 ng
RT: 13.922 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

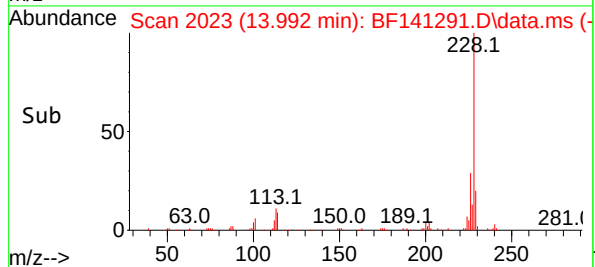
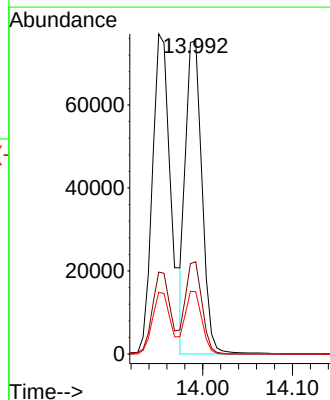
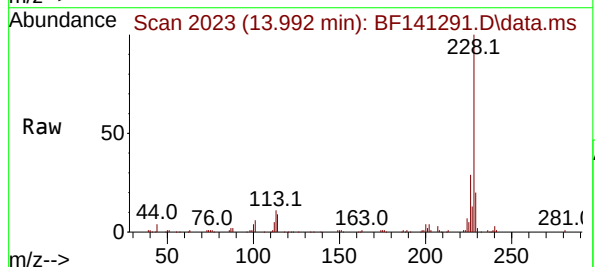
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

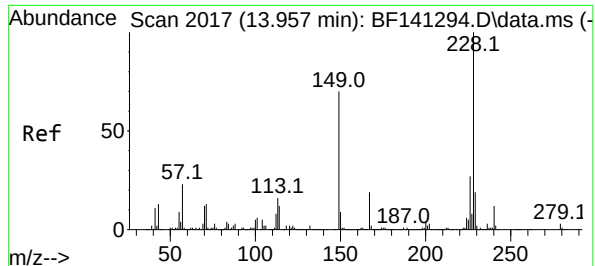
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	13.0	10.0	15.0



#83
Chrysene
Concen: 5.238 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.9	15.6	23.4

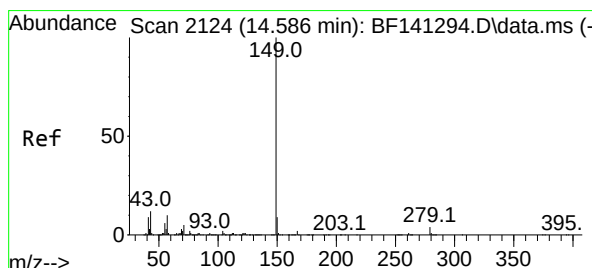
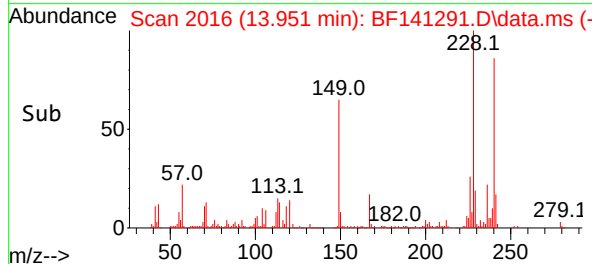
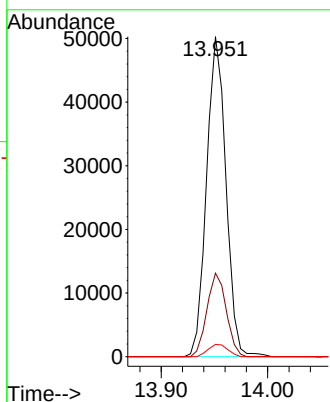
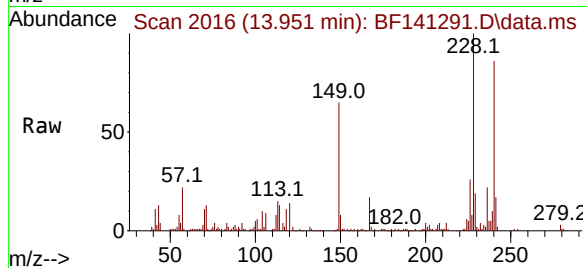




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.269 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

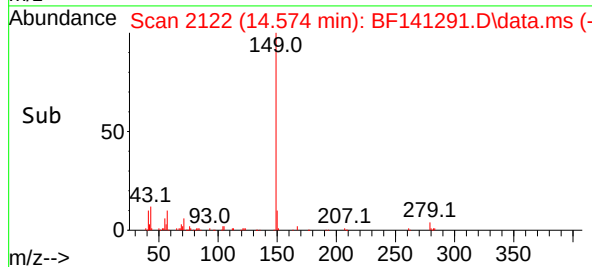
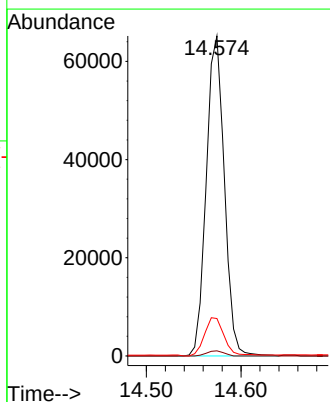
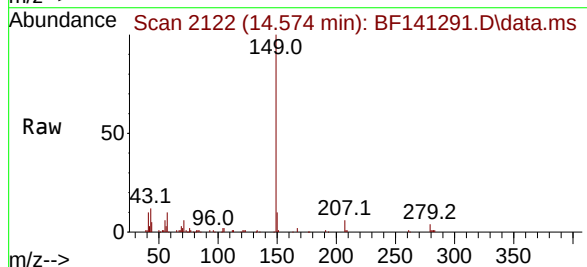
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

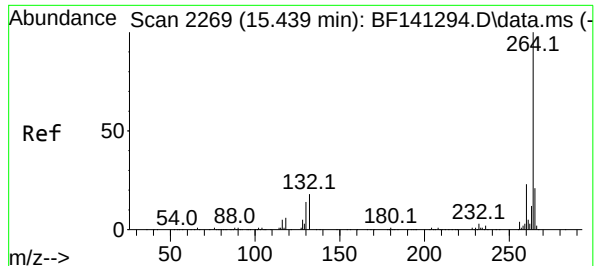
Tgt Ion:149 Resp: 63638
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.8
279 3.9 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 4.560 ng
RT: 14.574 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:149 Resp: 86163
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.3 9.8 14.8

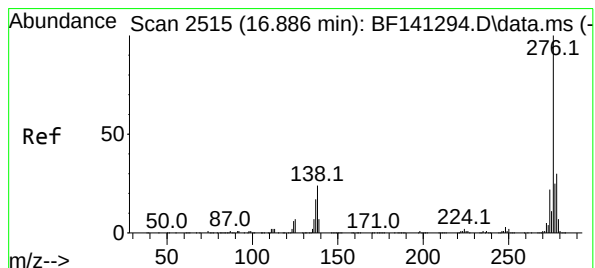
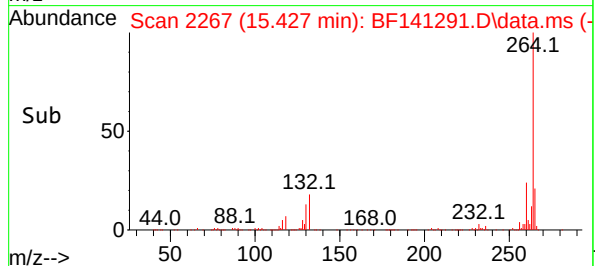
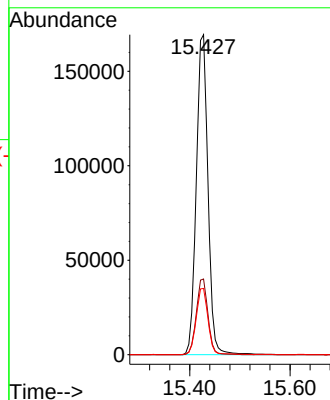
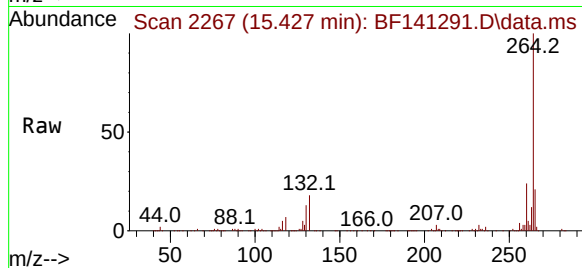




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 211
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

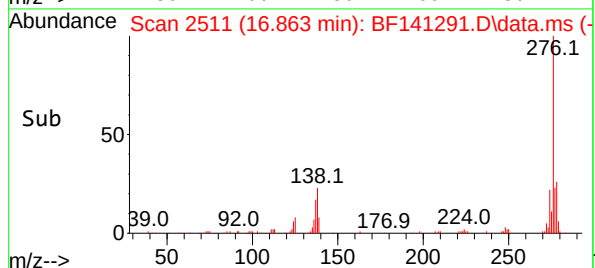
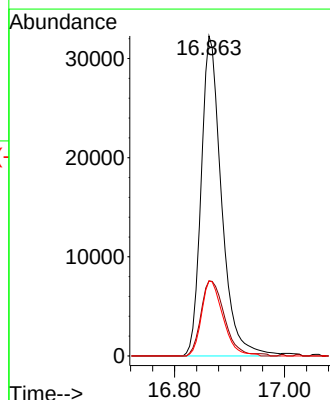
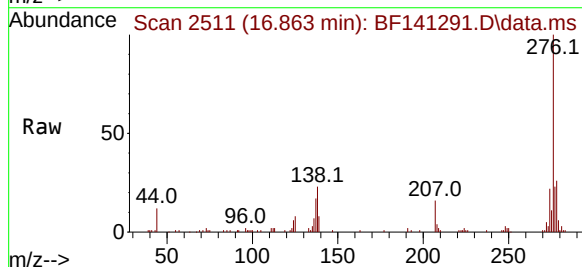
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

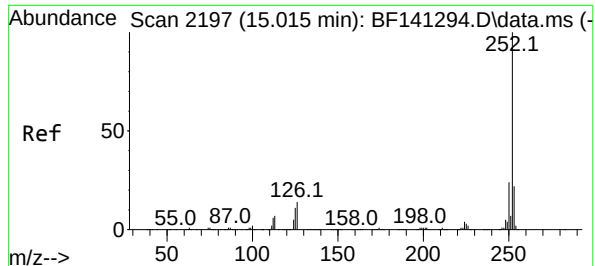
Tgt Ion:264 Resp: 273117
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 20.7 16.7 25.1



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.657 ng
RT: 16.863 min Scan# 2511
Delta R.T. -0.023 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:276 Resp: 83074
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 24.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 5.465 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.017 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

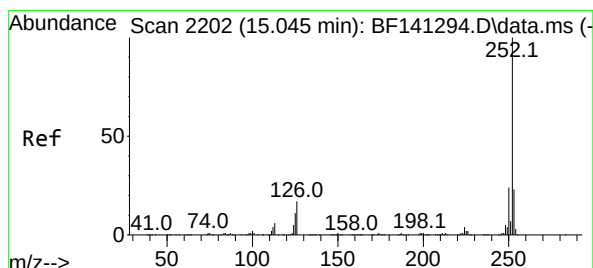
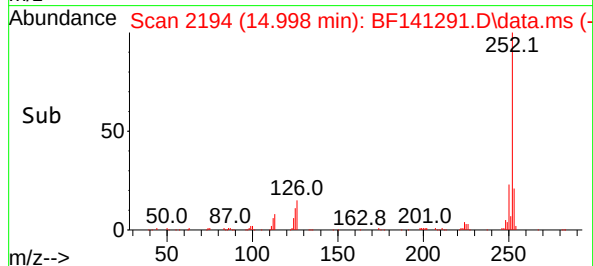
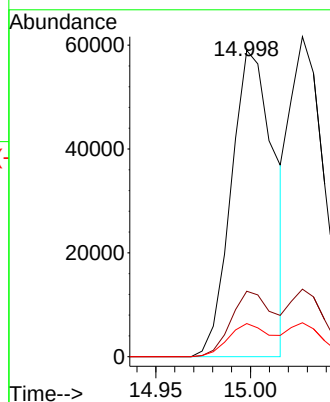
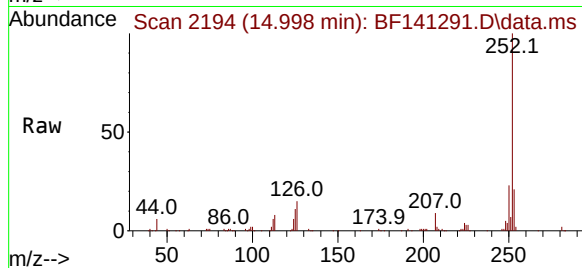
Tgt Ion:252 Resp: 92690

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 10.8 8.6 12.8



#89

Benzo(k)fluoranthene

Concen: 5.247 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.017 min

Lab File: BF141291.D

Acq: 29 Jan 2025 10:56

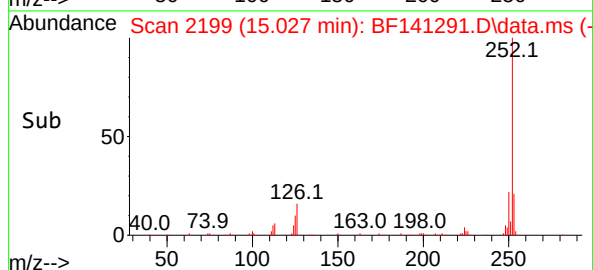
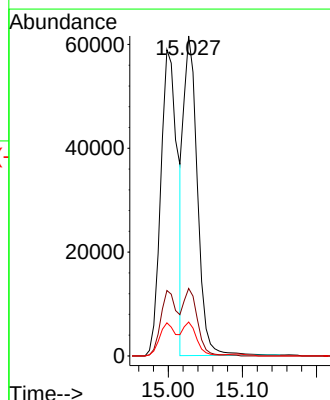
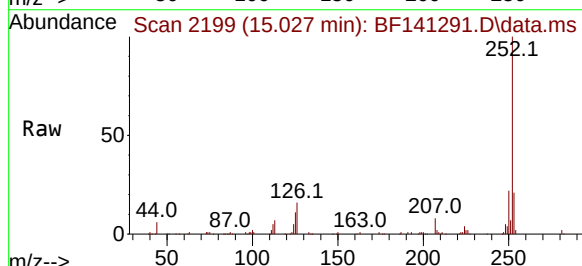
Tgt Ion:252 Resp: 79701

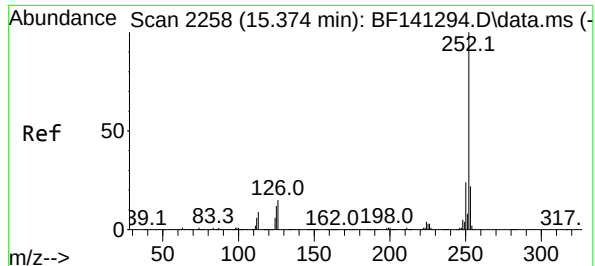
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 10.6 8.4 12.6

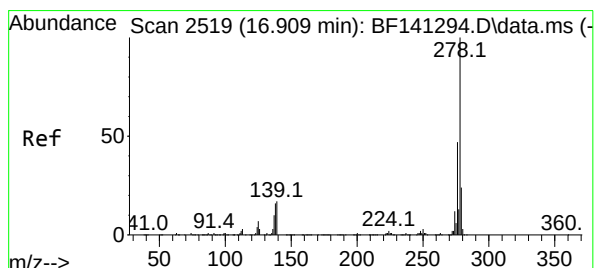
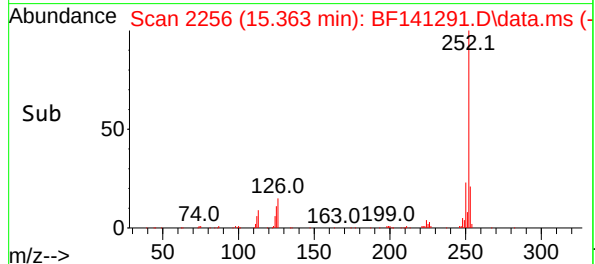
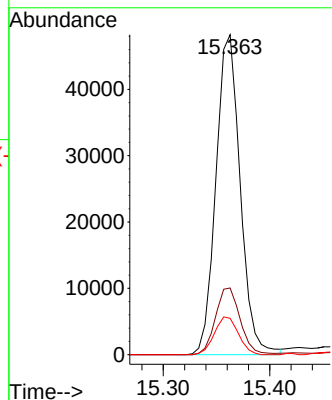
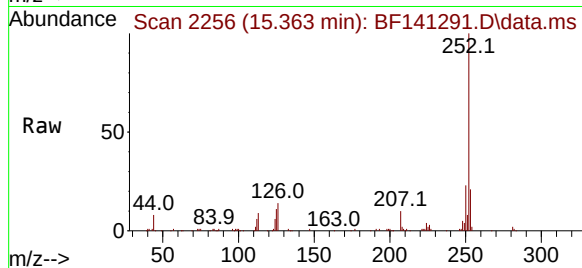




#90
Benzo(a)pyrene
Concen: 5.268 ng
RT: 15.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

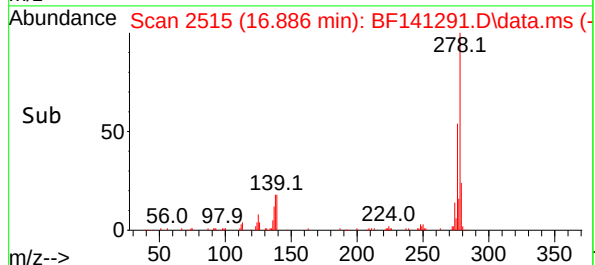
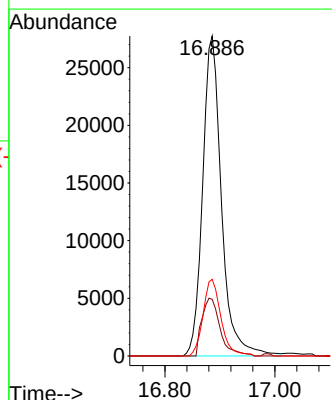
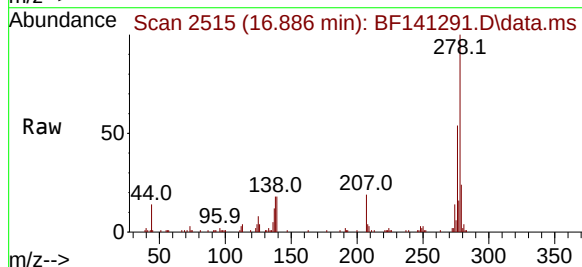
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

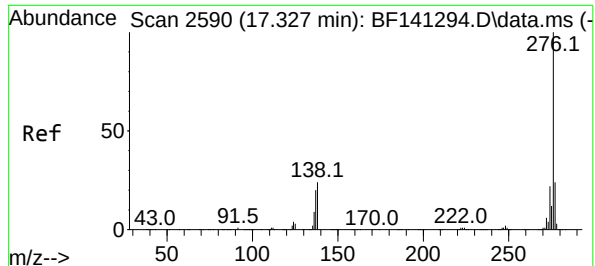
Tgt Ion:252 Resp: 76368
Ion Ratio Lower Upper
252 100
253 20.9 17.2 25.8
125 11.3 9.4 14.2



#91
Dibenzo(a,h)anthracene
Concen: 4.615 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.023 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:278 Resp: 65991
Ion Ratio Lower Upper
278 100
139 17.7 13.9 20.9
279 24.0 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 4.591 ng

RT: 17.298 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF141291.D

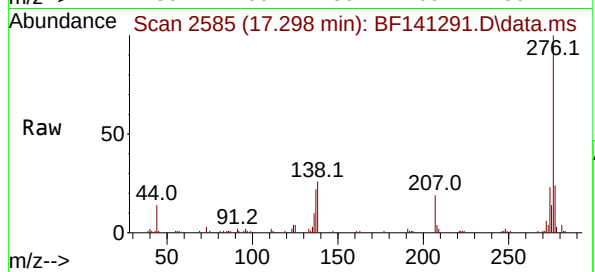
Acq: 29 Jan 2025 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



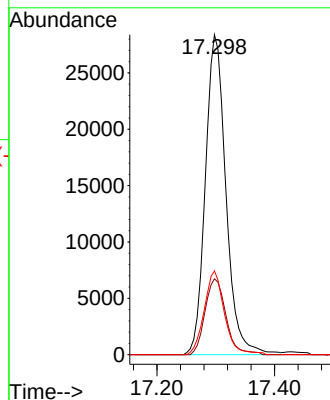
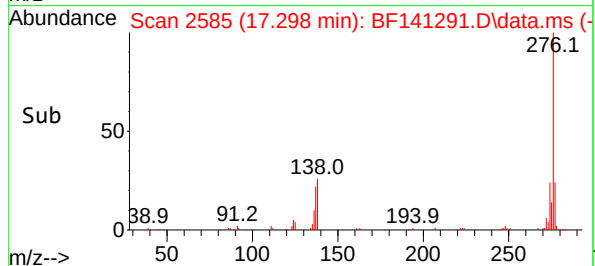
Tgt Ion:276 Resp: 69049

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.2 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141292.D
 Acq On : 29 Jan 2025 11:49
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	132200	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	533326	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	289559	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	510795	20.000	ng	0.00
76) Chrysene-d12	13.969	240	308114	20.000	ng	0.00
86) Perylene-d12	15.433	264	280028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	183846	21.507	ng	0.00
7) Phenol-d6	6.416	99	237908	21.836	ng	-0.01
23) Nitrobenzene-d5	7.357	82	211040	20.937	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	57417	21.761	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	423852	22.581	ng	0.00
79) Terphenyl-d14	12.910	244	434781	21.713	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	39830	10.497	ng	98
3) Pyridine	3.222	79	93176	10.267	ng	99
4) n-Nitrosodimethylamine	3.152	42	52157	10.036	ng	98
6) Aniline	6.457	93	99872	10.968	ng	99
8) 2-Chlorophenol	6.581	128	99805	10.871	ng	95
9) Benzaldehyde	6.346	77	74679	11.803	ng	99
10) Phenol	6.434	94	124196	10.775	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	93367	10.533	ng	99
12) 1,3-Dichlorobenzene	6.740	146	110278	10.891	ng	98
13) 1,4-Dichlorobenzene	6.816	146	109956	10.784	ng	99
14) 1,2-Dichlorobenzene	6.969	146	106335	11.160	ng	98
15) Benzyl Alcohol	6.934	79	79378	10.665	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	164185	10.661	ng	99
17) 2-Methylphenol	7.045	107	77643	10.446	ng	98
18) Hexachloroethane	7.310	117	40445	10.721	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	70075	10.815	ng	99
20) 3+4-Methylphenols	7.198	107	103360	11.310	ng	95
22) Acetophenone	7.204	105	139527	11.036	ng	98
24) Nitrobenzene	7.375	77	109497	10.474	ng	99
25) Isophorone	7.616	82	182564	10.480	ng	100
26) 2-Nitrophenol	7.692	139	49783	10.167	ng	98
27) 2,4-Dimethylphenol	7.728	122	63681m	10.177	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	117232	10.561	ng	98
29) 2,4-Dichlorophenol	7.934	162	79949	10.457	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	94419	10.767	ng	98
31) Naphthalene	8.098	128	305386	10.887	ng	99
32) Benzoic acid	7.798	122	47549	8.367	ng	99
33) 4-Chloroaniline	8.151	127	100852	10.703	ng	98
34) Hexachlorobutadiene	8.222	225	55103	10.736	ng	99
35) Caprolactam	8.481	113	25363	10.256	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	87592	10.674	ng	98
37) 2-Methylnaphthalene	8.792	142	195160	10.925	ng	99
38) 1-Methylnaphthalene	8.892	142	192861	11.022	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	88710	10.775	ng	99
41) Hexachlorocyclopentadiene	8.945	237	22759	9.212	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	55036	10.241	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141292.D
 Acq On : 29 Jan 2025 11:49
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 29 16:24:35 2025

Response via : Initial Calibration

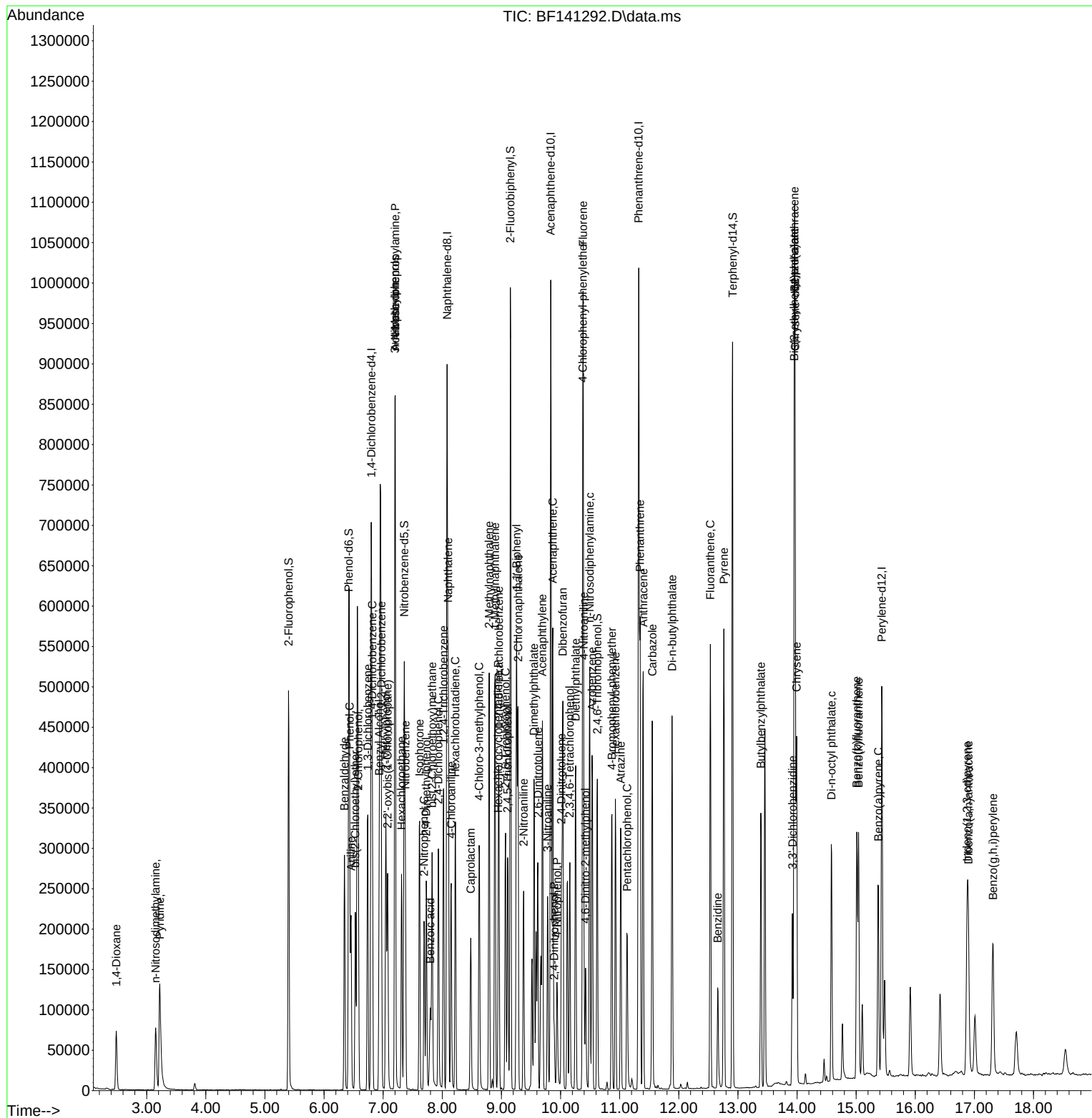
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	61493	10.518	ng	100
46) 1,1'-Biphenyl	9.257	154	245028	10.847	ng	99
47) 2-Chloronaphthalene	9.281	162	189709	10.812	ng	98
48) 2-Nitroaniline	9.375	65	56247	10.164	ng	99
49) Acenaphthylene	9.692	152	268471	10.895	ng	99
50) Dimethylphthalate	9.551	163	210816	10.857	ng	100
51) 2,6-Dinitrotoluene	9.616	165	47955	10.613	ng	97
52) Acenaphthene	9.869	154	188283	10.738	ng	100
53) 3-Nitroaniline	9.781	138	47818	10.699	ng	95
54) 2,4-Dinitrophenol	9.892	184	14749	6.925	ng	98
55) Dibenzofuran	10.039	168	258832	11.038	ng	99
56) 4-Nitrophenol	9.939	139	31196	9.722	ng	98
57) 2,4-Dinitrotoluene	10.016	165	62418	10.710	ng	99
58) Fluorene	10.381	166	204141	11.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	49596	10.737	ng	100
60) Diethylphthalate	10.257	149	205131	10.908	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	100485	11.294	ng	100
62) 4-Nitroaniline	10.392	138	45222	10.533	ng	99
63) Azobenzene	10.534	77	204300	10.839	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	26939	8.831	ng	91
66) n-Nitrosodiphenylamine	10.492	169	174617	10.544	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	59770	10.468	ng	96
68) Hexachlorobenzene	10.928	284	63908	10.551	ng	100
69) Atrazine	11.016	200	51633	9.295	ng	99
70) Pentachlorophenol	11.128	266	34788	9.796	ng	99
71) Phenanthrene	11.345	178	298892	10.893	ng	99
72) Anthracene	11.398	178	292813	10.940	ng	99
73) Carbazole	11.551	167	258853	10.919	ng	99
74) Di-n-butylphthalate	11.886	149	316336	11.070	ng	99
75) Fluoranthene	12.533	202	306969	11.462	ng	99
77) Benzidine	12.657	184	73918	7.890	ng	98
78) Pyrene	12.763	202	317744	10.681	ng	99
80) Butylbenzylphthalate	13.386	149	106335	10.349	ng	99
81) Benzo(a)anthracene	13.957	228	217291	10.289	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	65021	9.833	ng	99
83) Chrysene	13.992	228	204080	10.421	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	139099	10.789	ng	99
85) Di-n-octyl phthalate	14.580	149	195129	9.676	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	177554	9.708	ng	100
88) Benzo(b)fluoranthene	15.010	252	193558	11.130	ng	99
89) Benzo(k)fluoranthene	15.039	252	155925	10.012	ng	99
90) Benzo(a)pyrene	15.374	252	148214	9.972	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	140143	9.559	ng	99
92) Benzo(g,h,i)perylene	17.315	276	150453	9.756	ng	99

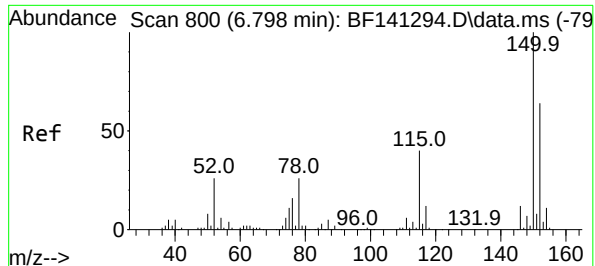
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations

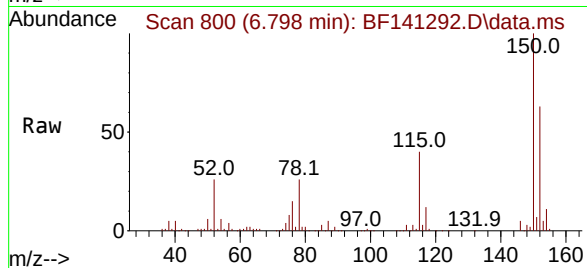
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

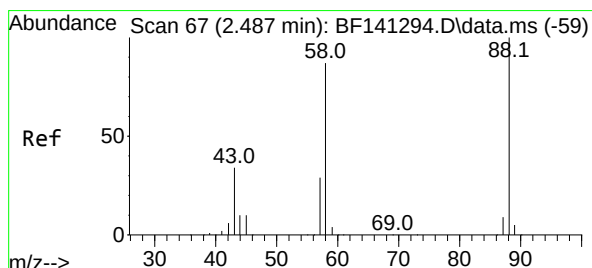
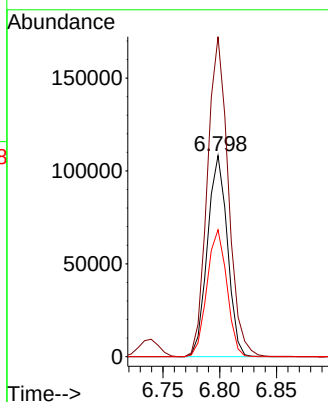
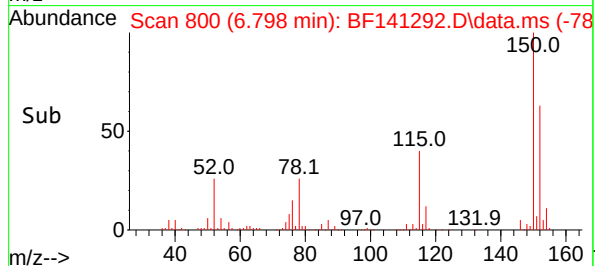
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 132200
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 63.1 49.7 74.5

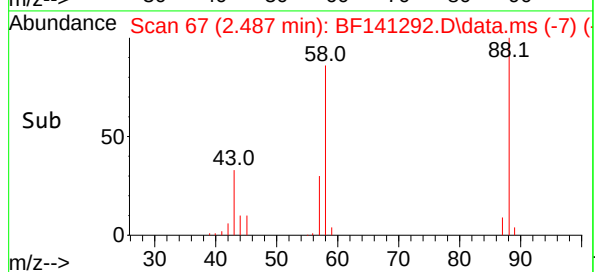
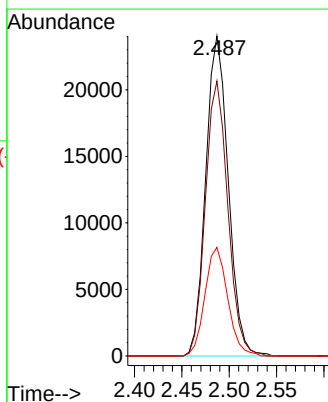
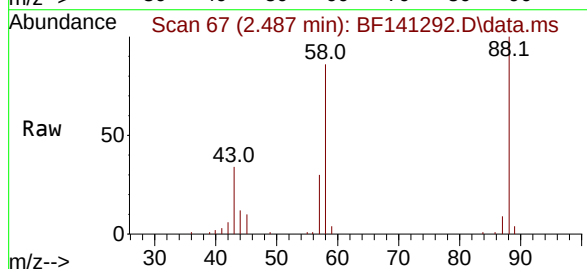
Manual Integrations
APPROVED

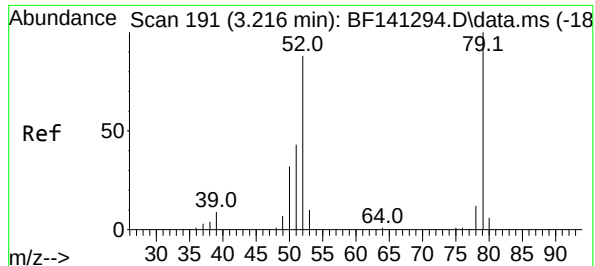
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 10.497 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

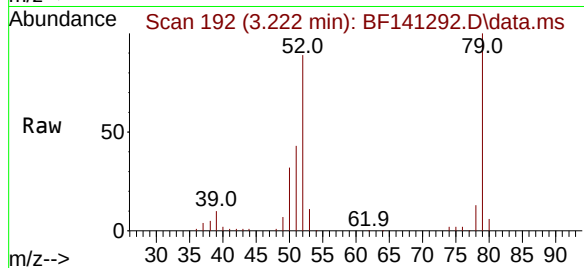
Tgt Ion: 88 Resp: 39830
Ion Ratio Lower Upper
88 100
58 85.5 70.2 105.4
43 34.3 27.6 41.4





#3
Pyridine
Concen: 10.267 ng
RT: 3.222 min Scan# 191
Delta R.T. 0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

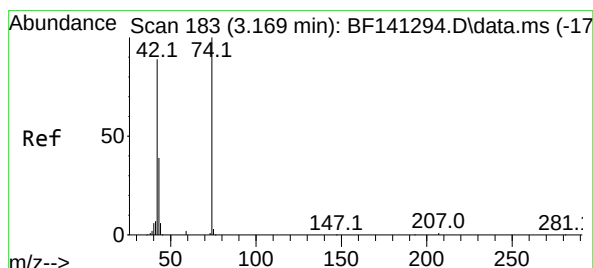
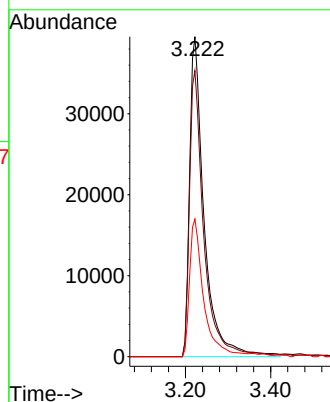
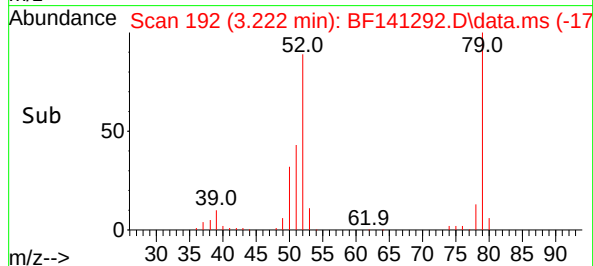
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 93170
Ion Ratio Lower Upper
79 100
52 89.4 70.3 105.5
51 43.0 34.3 51.5

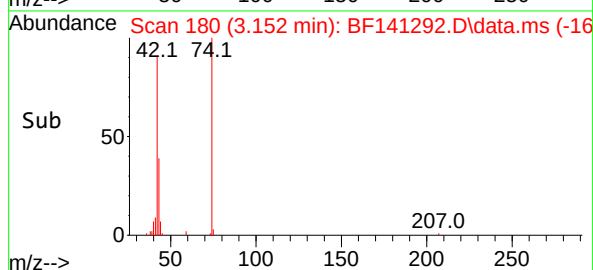
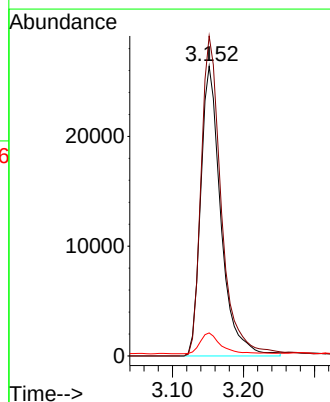
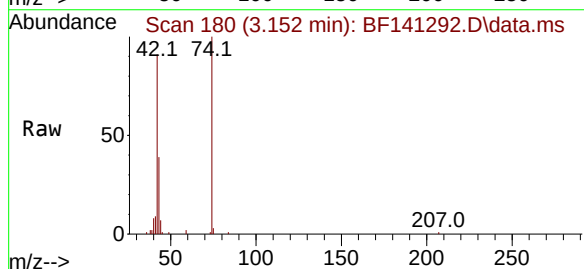
Manual Integrations
APPROVED

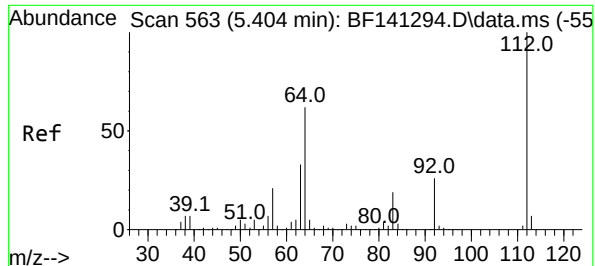
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#4
n-Nitrosodimethylamine
Concen: 10.036 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.017 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

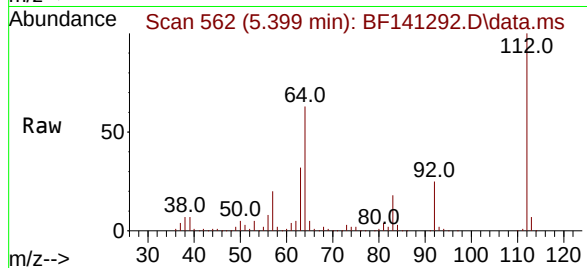
Tgt Ion: 42 Resp: 52157
Ion Ratio Lower Upper
42 100
74 110.5 90.3 135.5
44 8.0 5.7 8.5





#5
2-Fluorophenol
Concen: 21.507 ng
RT: 5.399 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

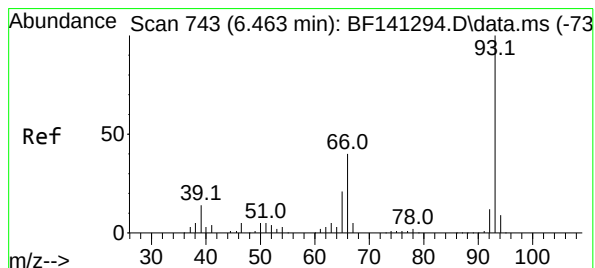
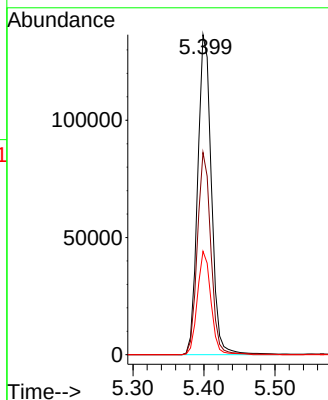
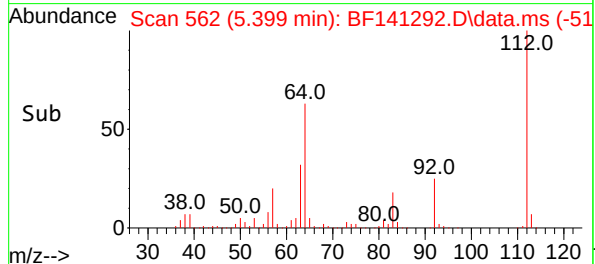
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 183840
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 32.3 26.1 39.1

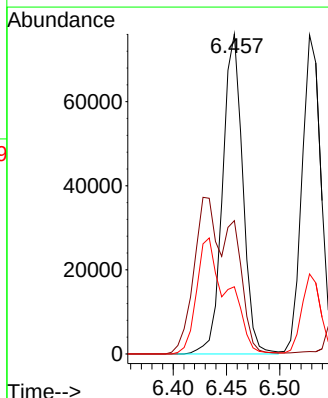
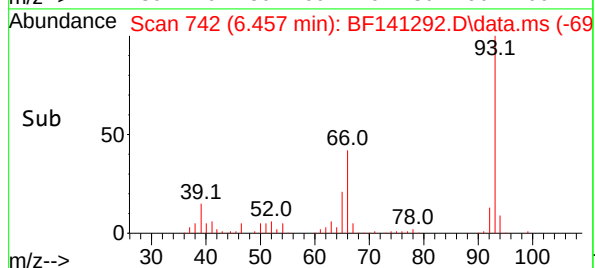
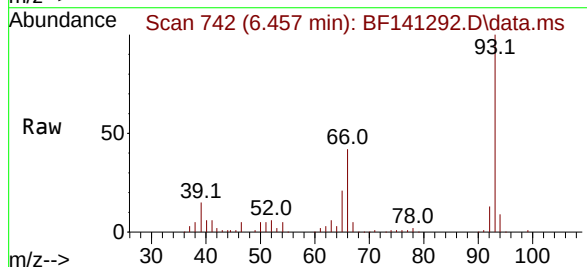
Manual Integrations
APPROVED

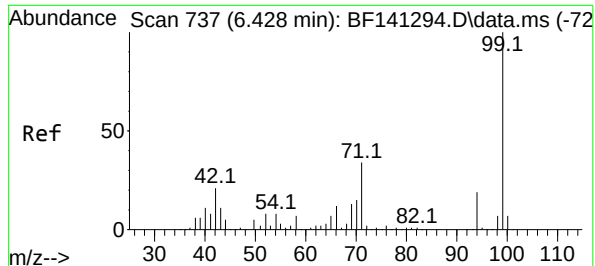
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 10.968 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

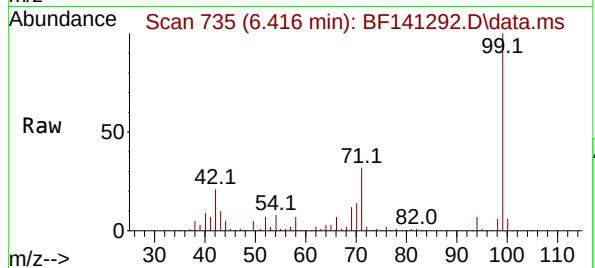
Tgt Ion: 93 Resp: 99872
Ion Ratio Lower Upper
93 100
66 41.7 32.5 48.7
65 21.0 17.0 25.6





#7
Phenol-d6
Concen: 21.836 ng
RT: 6.416 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

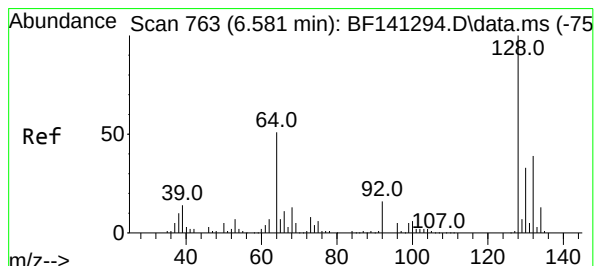
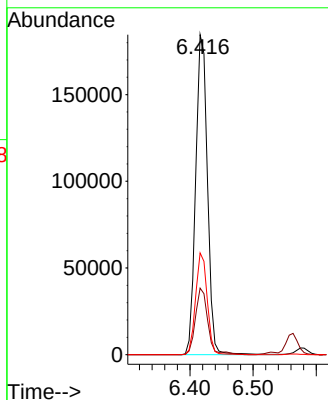
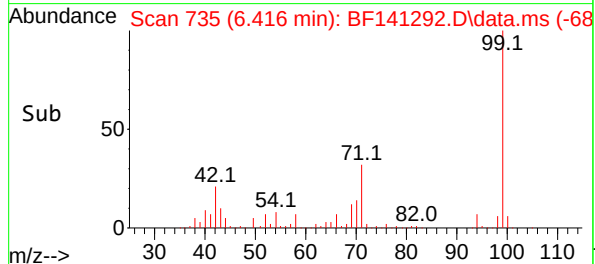
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



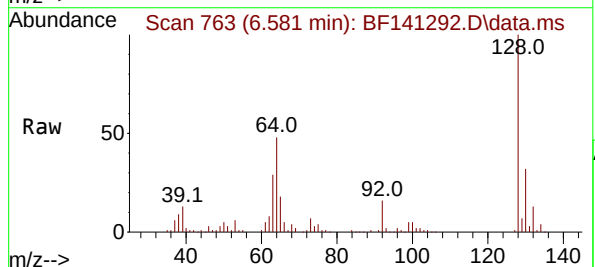
Tgt Ion: 99 Resp: 237908
Ion Ratio Lower Upper
99 100
42 20.8 17.1 25.7
71 31.8 26.9 40.3

Manual Integrations
APPROVED

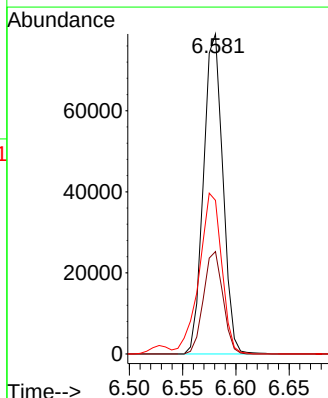
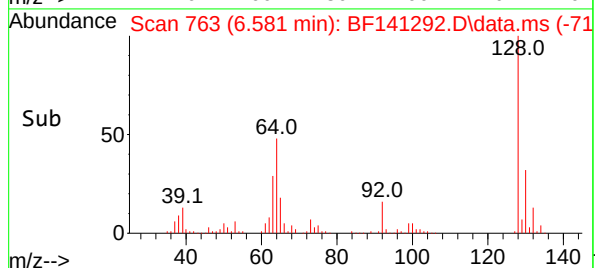
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

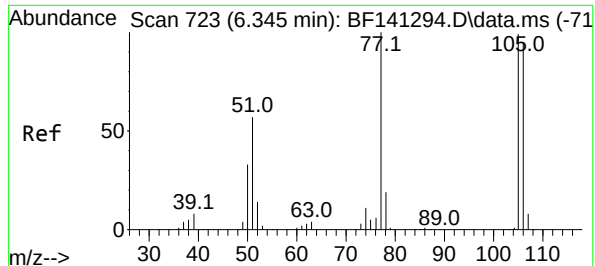


#8
2-Chlorophenol
Concen: 10.871 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49



Tgt Ion:128 Resp: 99805
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 48.0 32.9 72.9



#9
Benzaldehyde

Concen: 11.803 ng

RT: 6.346 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 74679

Ion Ratio Lower Upper

77 100

105 99.6 79.4 119.4

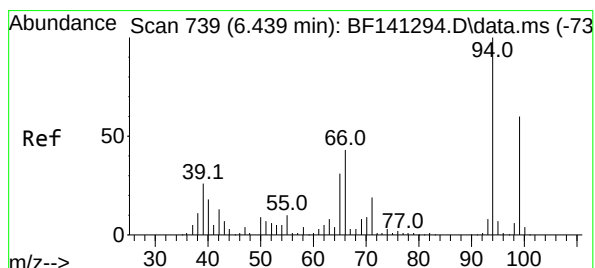
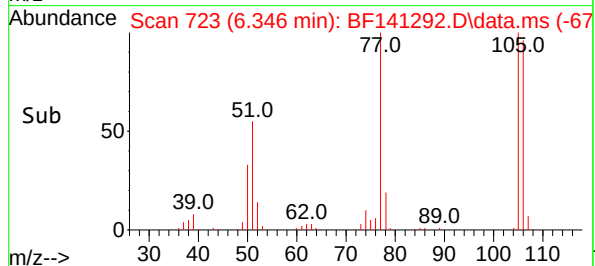
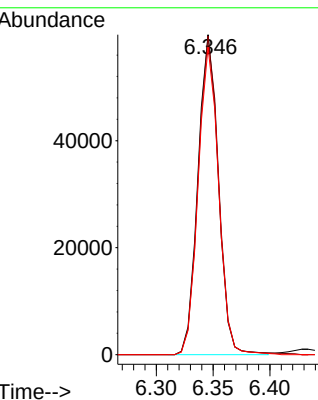
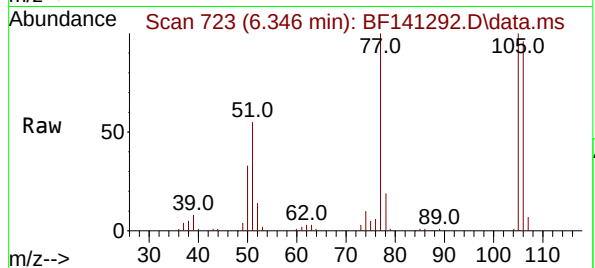
106 96.1 74.6 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#10

Phenol

Concen: 10.775 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

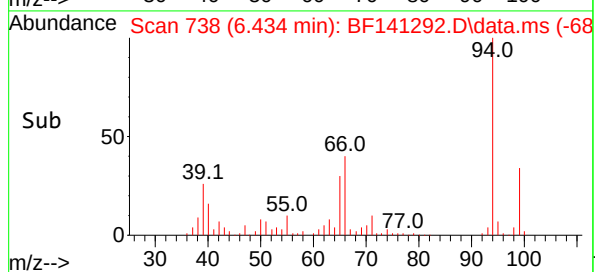
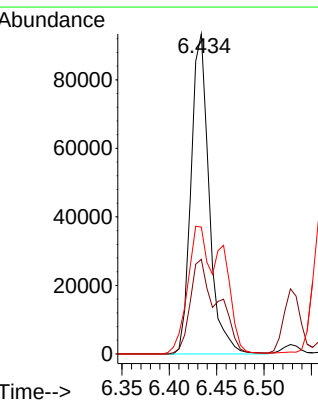
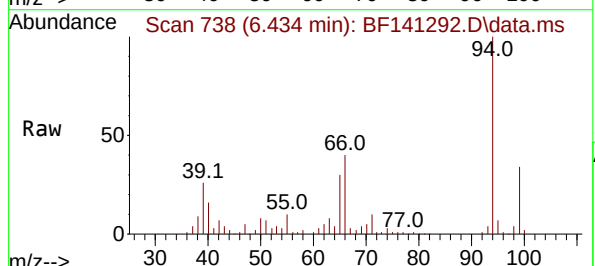
Tgt Ion: 94 Resp: 124196

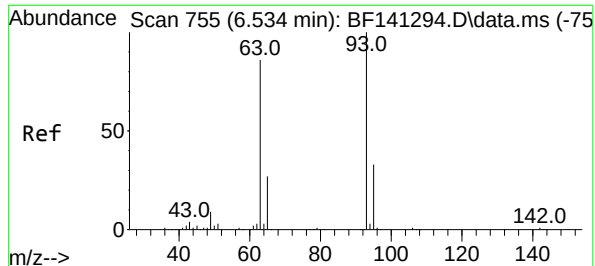
Ion Ratio Lower Upper

94 100

65 29.5 10.8 50.8

66 39.7 23.3 63.3





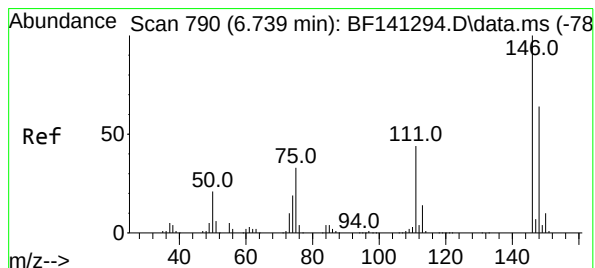
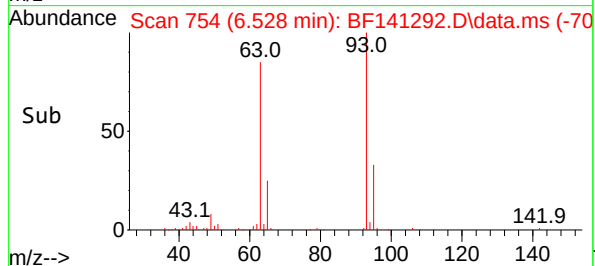
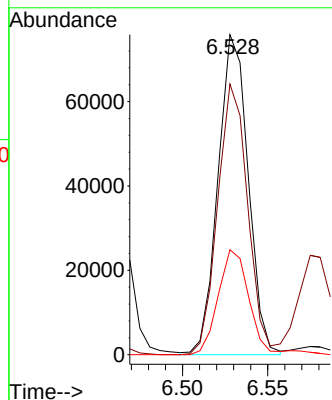
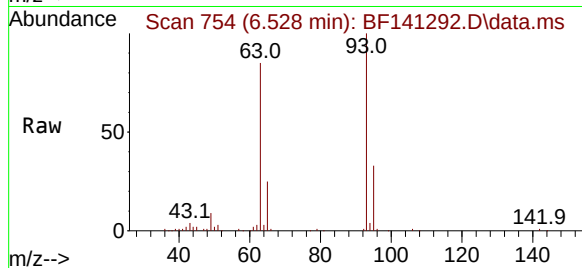
#11
bis(2-Chloroethyl)ether
Concen: 10.533 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 9336
Ion Ratio Lower Upper
93 100
63 84.6 65.0 105.0
95 32.8 12.4 52.4

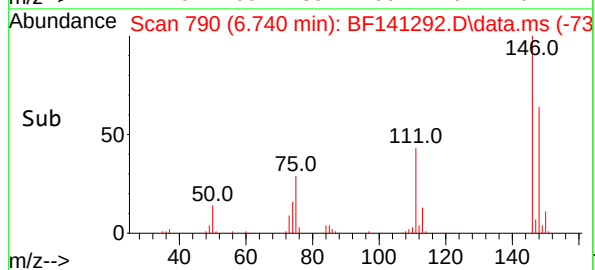
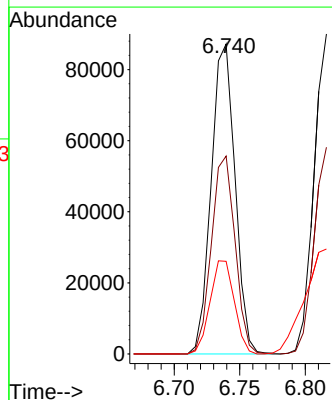
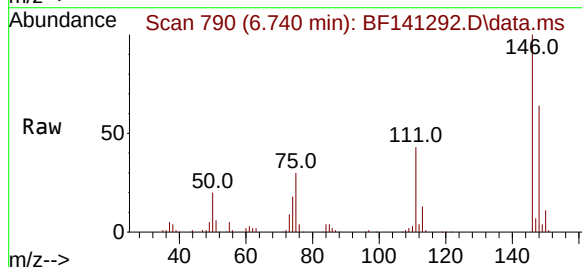
Manual Integrations
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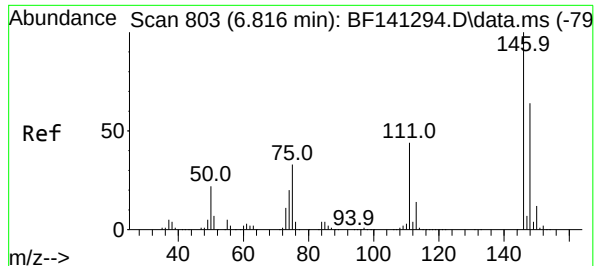
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 10.891 ng
RT: 6.740 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:146 Resp: 110278
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 29.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 10.784 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 109950

Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

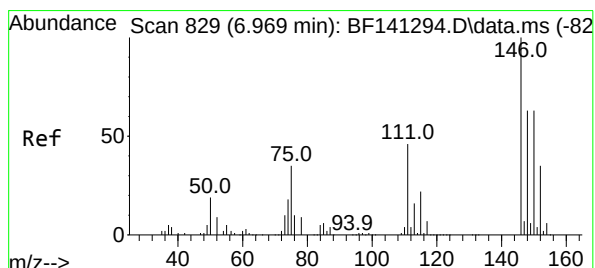
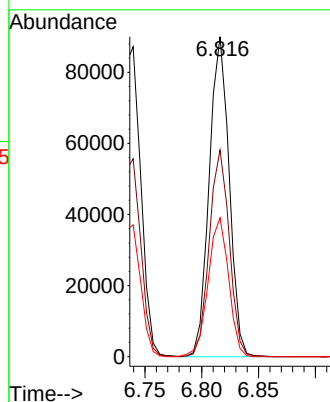
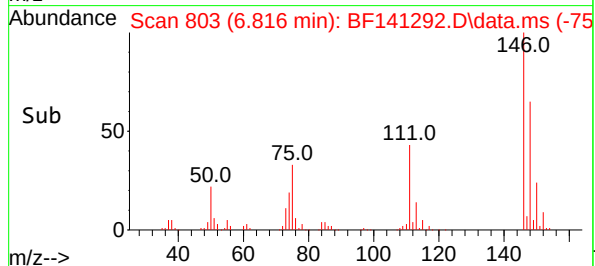
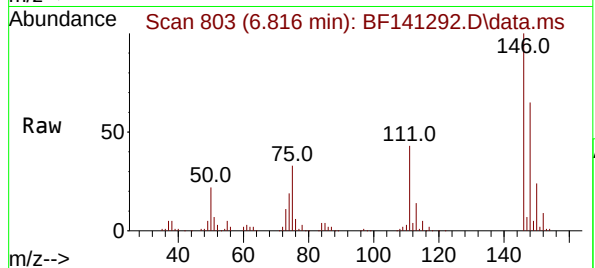
111 43.4 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 11.160 ng

RT: 6.969 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

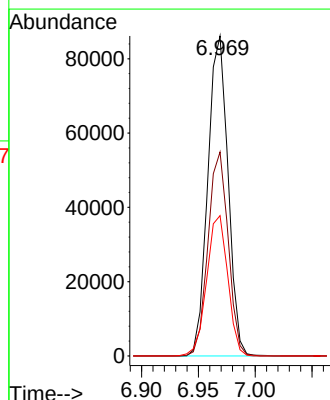
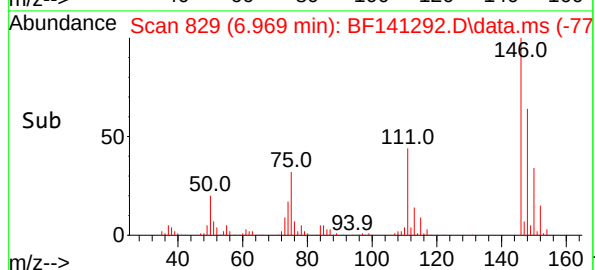
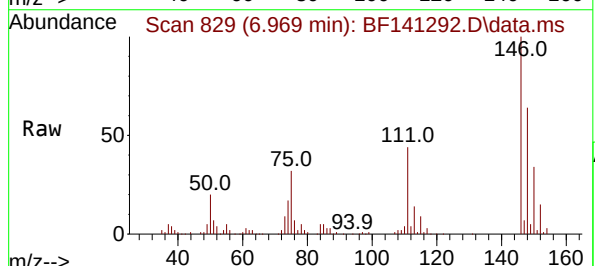
Tgt Ion:146 Resp: 106335

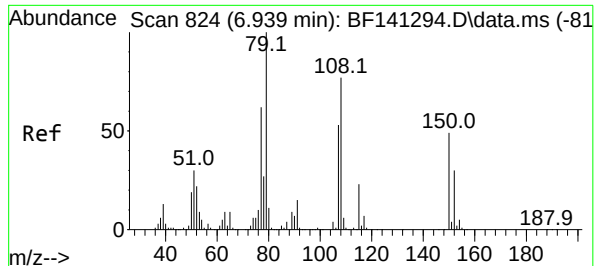
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

111 43.8 36.6 55.0





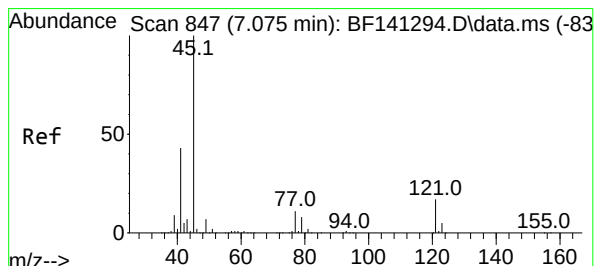
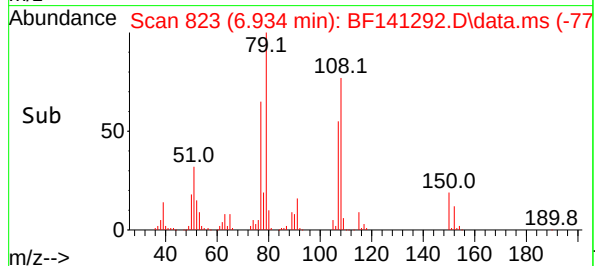
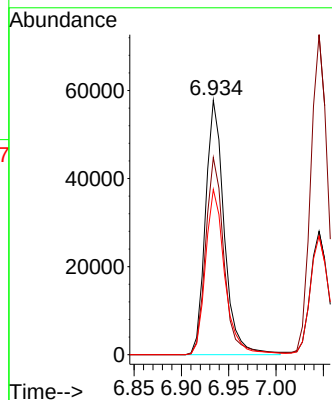
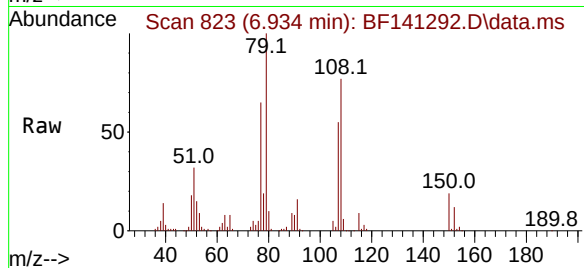
#15
Benzyl Alcohol
Concen: 10.665 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 79378
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 65.0 49.9 74.9

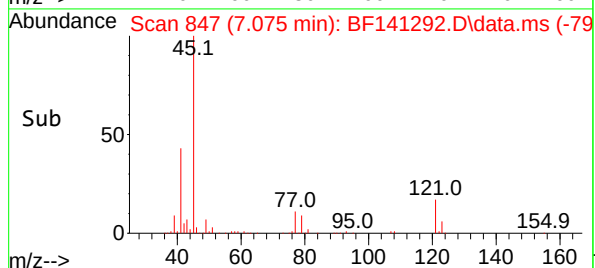
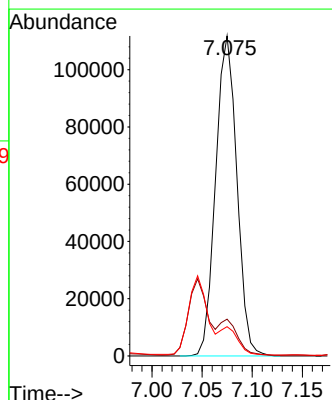
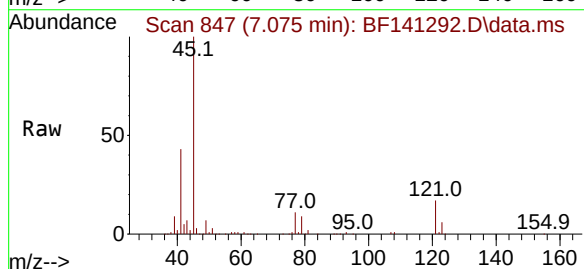
Manual Integrations
APPROVED

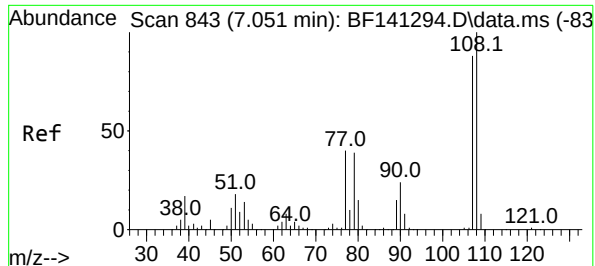
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.661 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 45 Resp: 164185
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 9.2 0.0 29.1





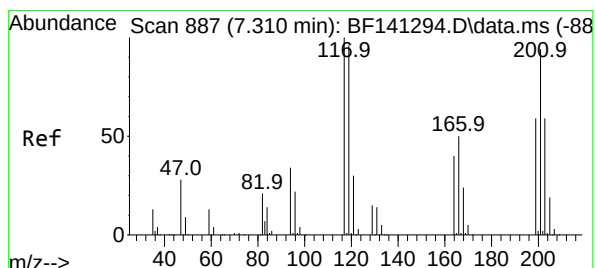
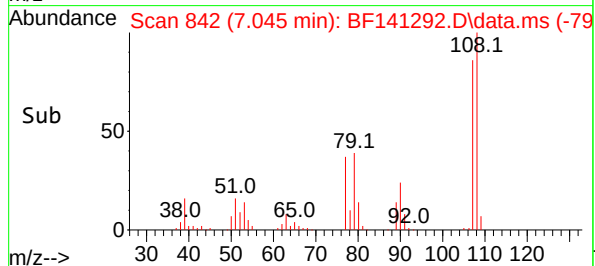
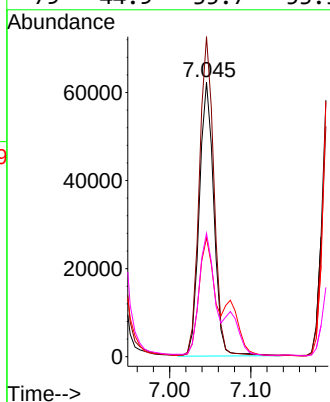
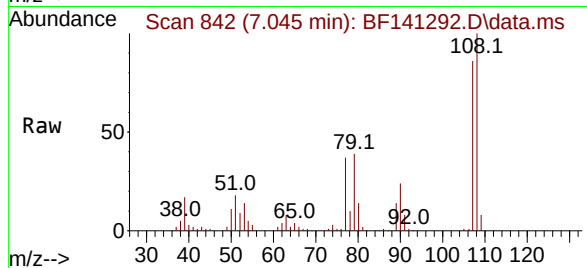
#17
2-Methylphenol
Concen: 10.446 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 7764
Ion Ratio Lower Upper
107 100
108 116.6 90.8 136.2
77 43.3 36.2 54.4
79 44.9 35.7 53.5

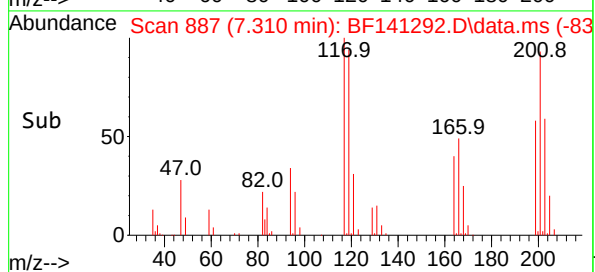
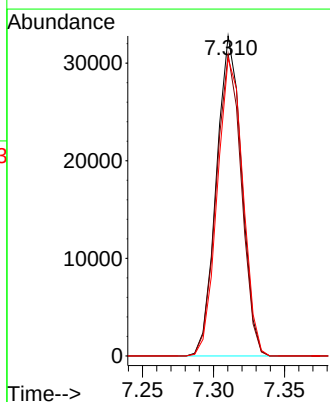
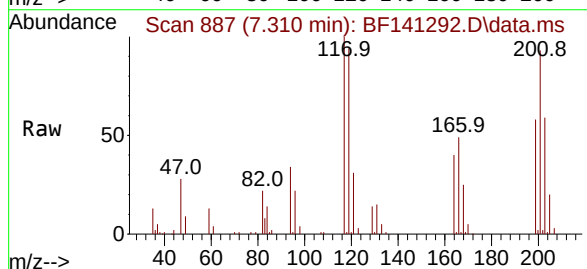
Manual Integrations
APPROVED

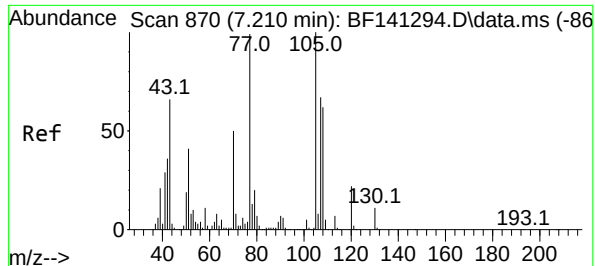
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 10.721 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:117 Resp: 40445
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8
201 93.1 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.815 ng

RT: 7.204 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 70075

Ion Ratio Lower Upper

70 100

42 69.8 56.8 85.2

101 10.0 7.7 11.5

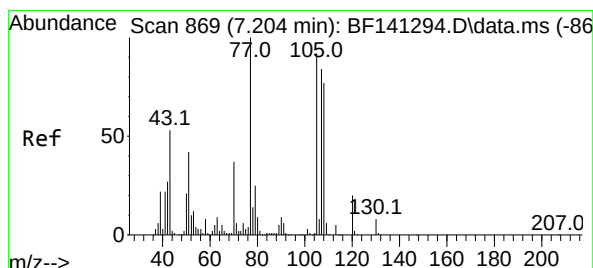
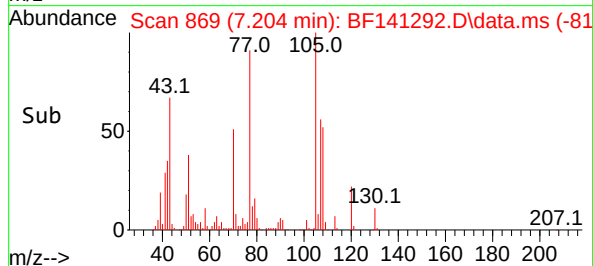
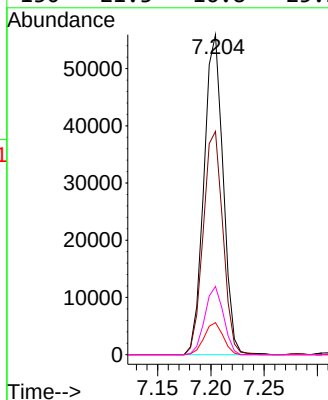
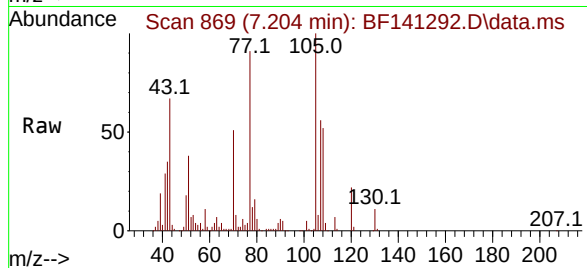
130 21.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

Concen: 11.310 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 103360

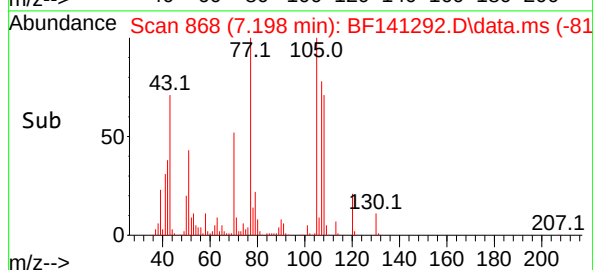
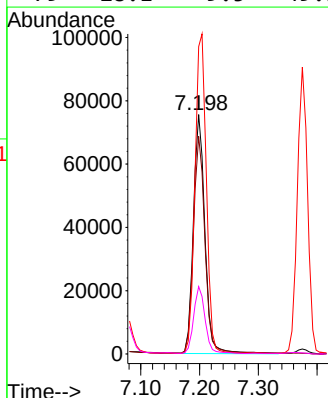
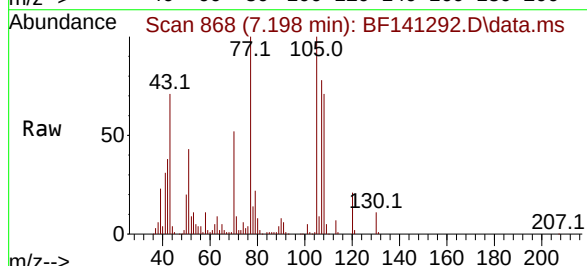
Ion Ratio Lower Upper

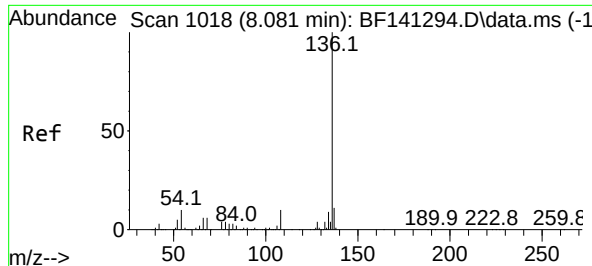
107 100

108 91.0 70.9 110.9

77 128.4 98.5 138.5

79 28.1 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF141292.D

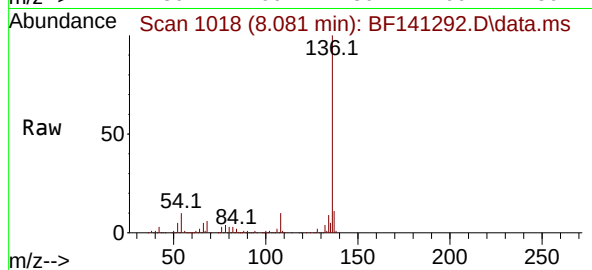
Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:136 Resp: 533320

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.5 7.8 11.8

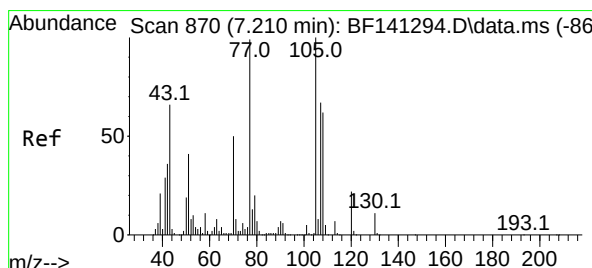
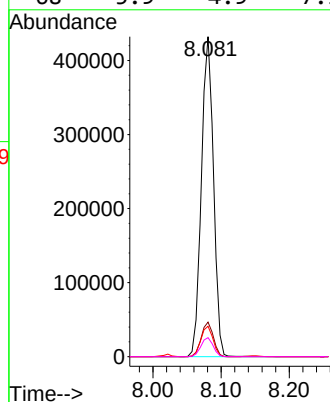
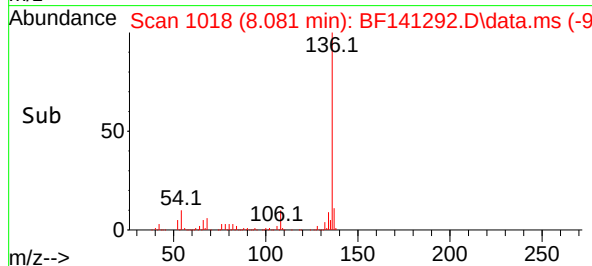
68 5.9 4.9 7.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#22

Acetophenone

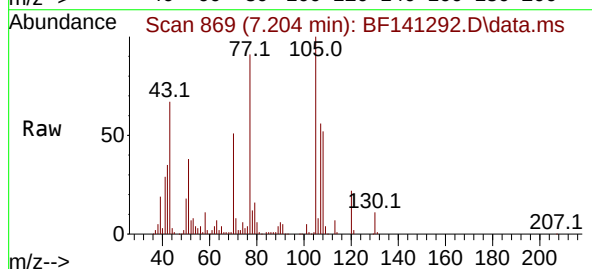
Concen: 11.036 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49



Tgt Ion:105 Resp: 139527

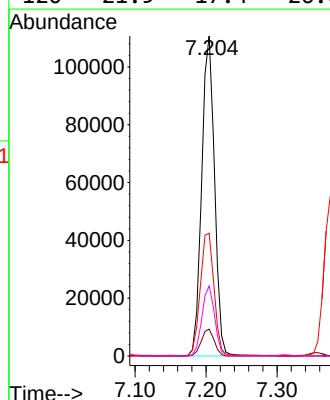
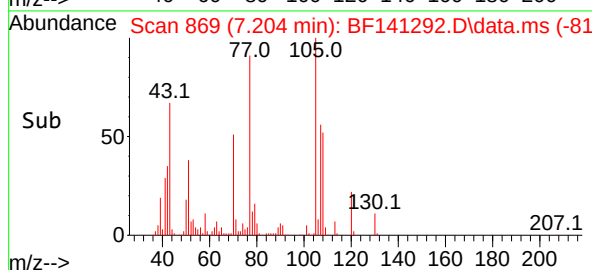
Ion Ratio Lower Upper

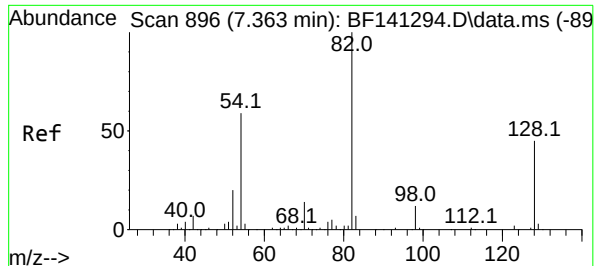
105 100

71 8.4 6.8 10.2

51 38.3 32.6 49.0

120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 20.937 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 211040

Ion Ratio Lower Upper

82 100

128 44.0 35.7 53.5

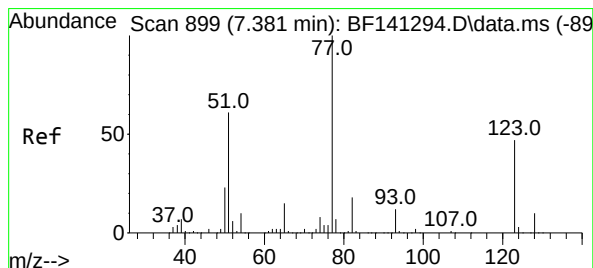
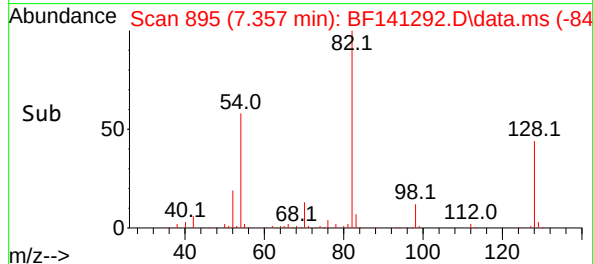
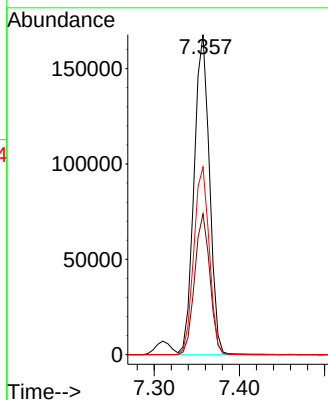
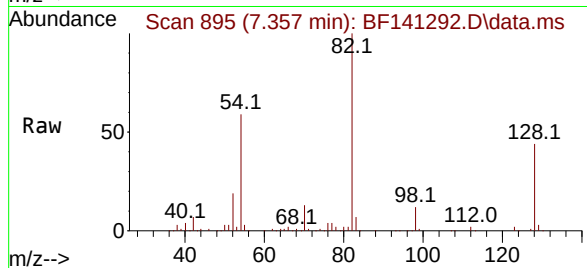
54 58.7 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 10.474 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

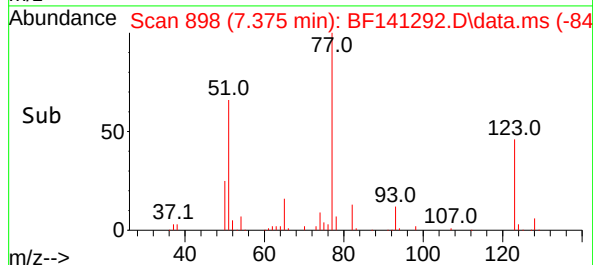
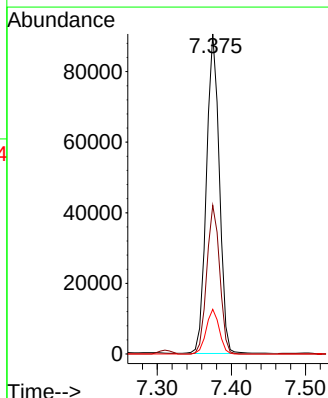
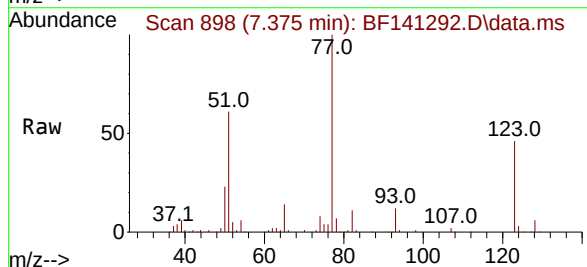
Tgt Ion: 77 Resp: 109497

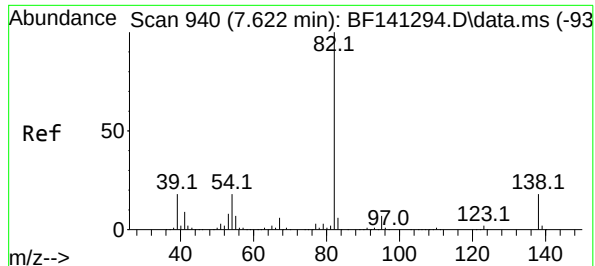
Ion Ratio Lower Upper

77 100

123 46.5 37.3 55.9

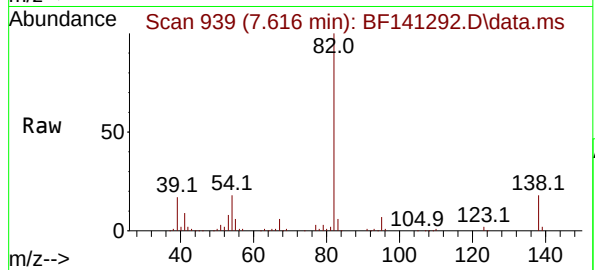
65 14.0 11.8 17.6





#25
Isophorone
Concen: 10.480 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

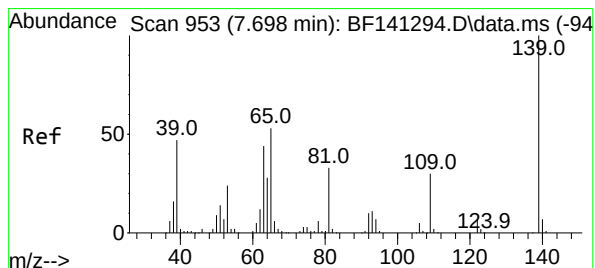
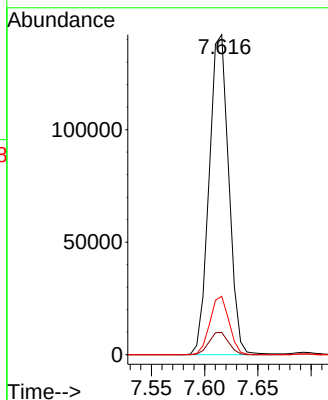
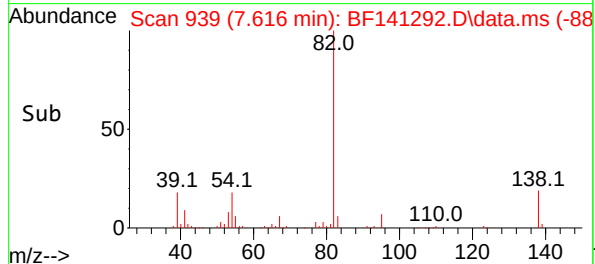
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 182564
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 18.2 14.7 22.1

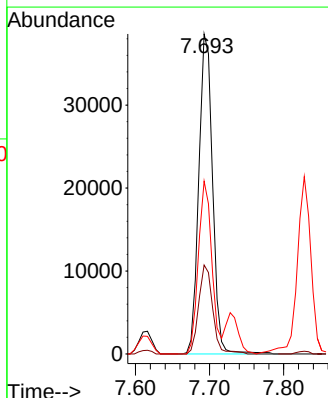
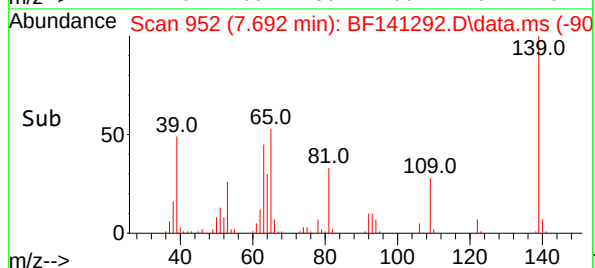
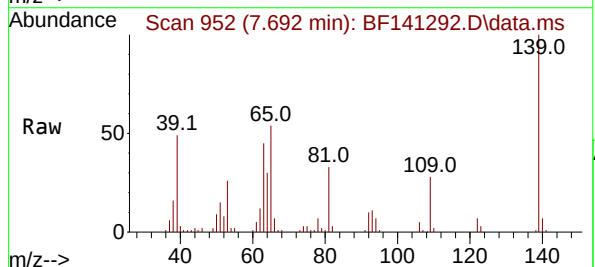
Manual Integrations
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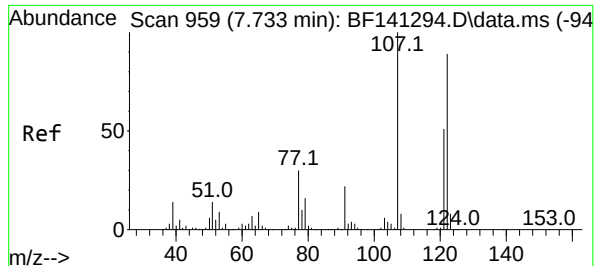
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 10.167 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 49783
Ion Ratio Lower Upper
139 100
109 27.8 23.8 35.6
65 54.0 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 10.177 ng m

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 6368

Ion Ratio Lower Upper

122 100

107 114.9 89.9 134.9

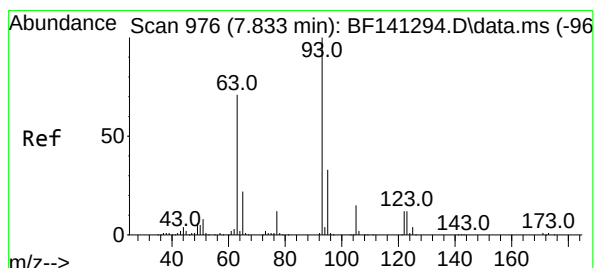
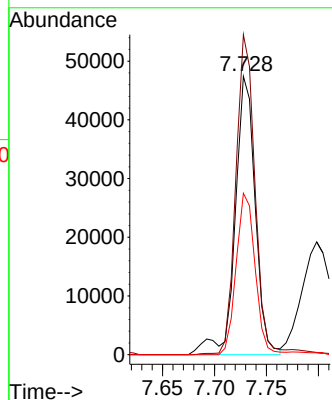
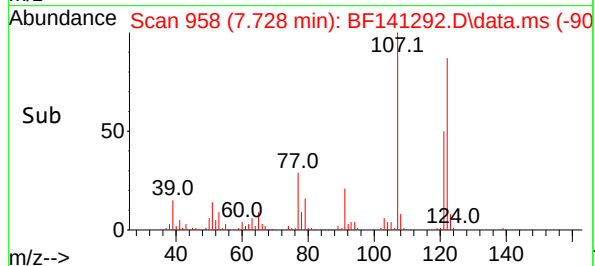
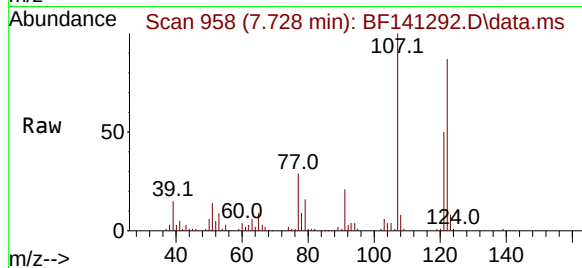
121 58.0 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 10.561 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

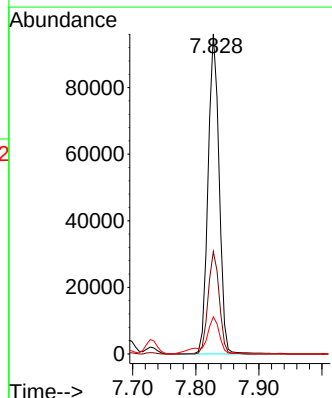
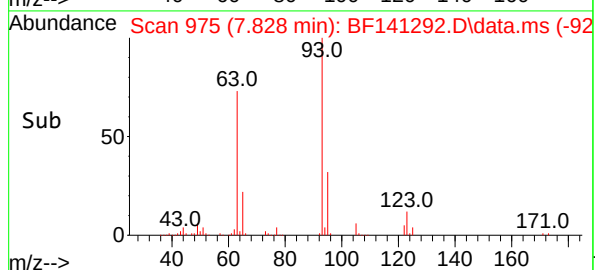
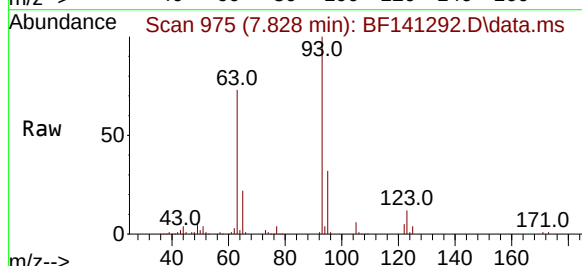
Tgt Ion: 93 Resp: 117232

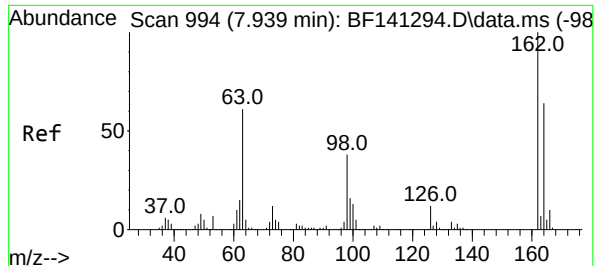
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 10.457 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 79949

Ion Ratio Lower Upper

162 100

164 63.4 44.2 84.2

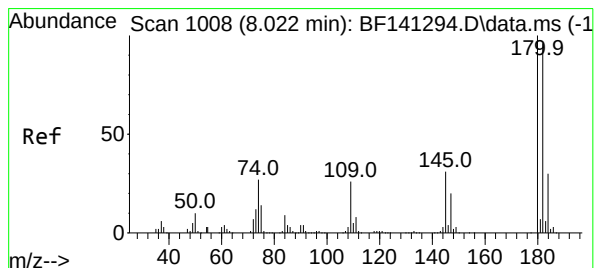
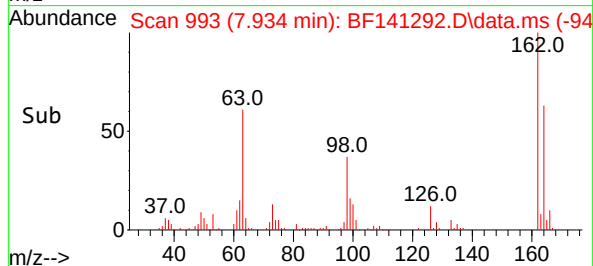
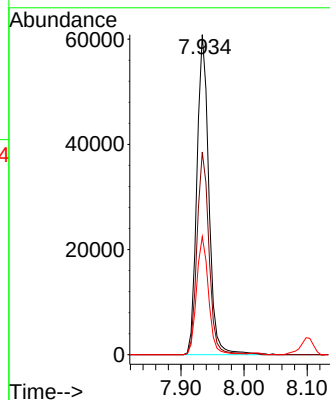
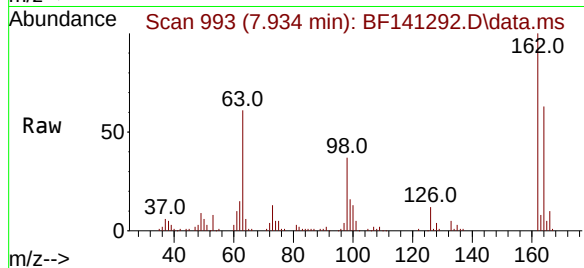
98 36.9 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.767 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

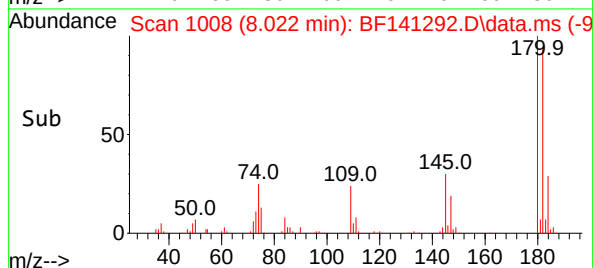
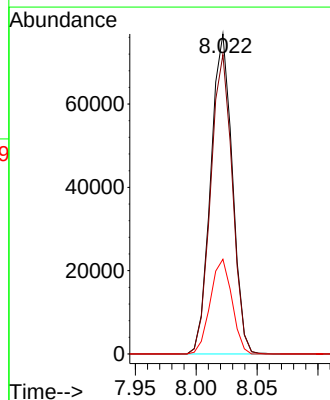
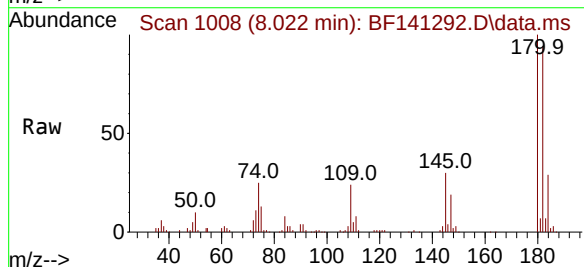
Tgt Ion:180 Resp: 94419

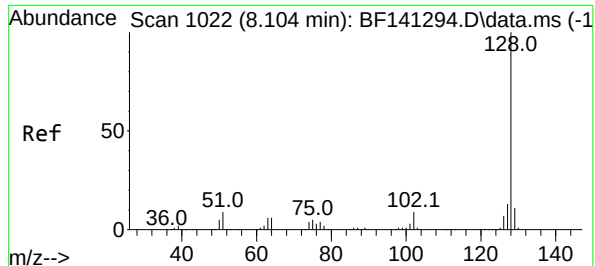
Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

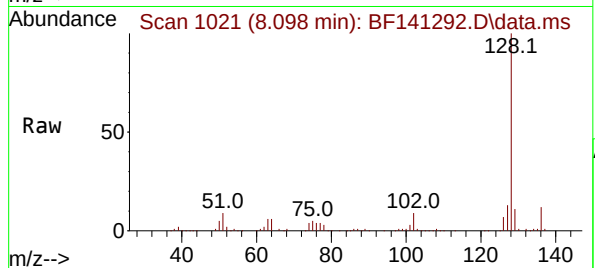
145 29.6 24.9 37.3





#31
Naphthalene
Concen: 10.887 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

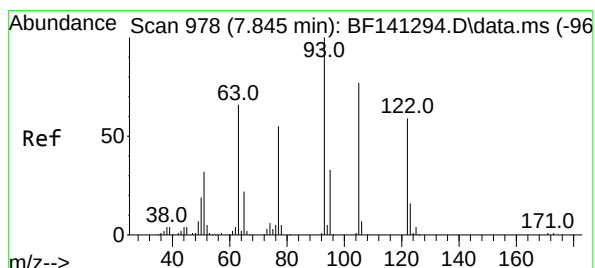
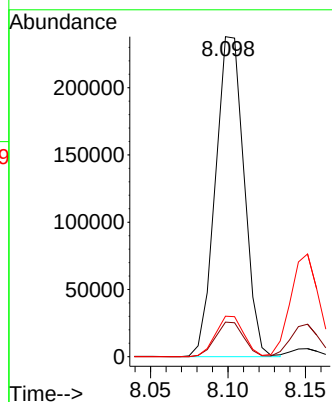
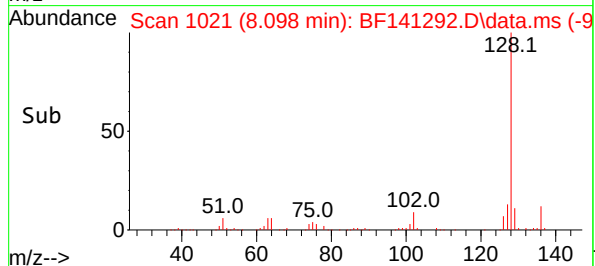
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 305380
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.6 15.8

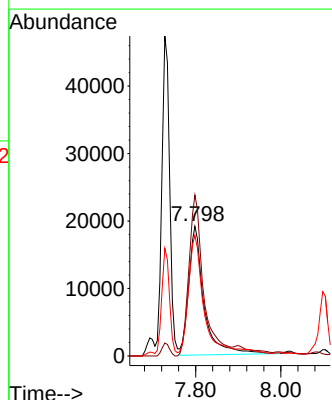
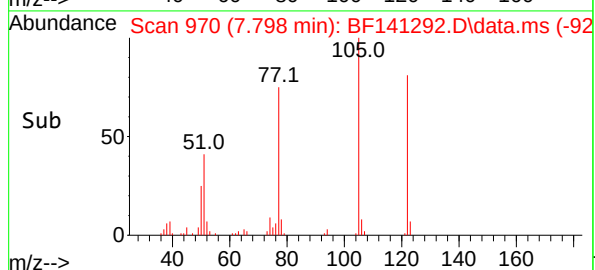
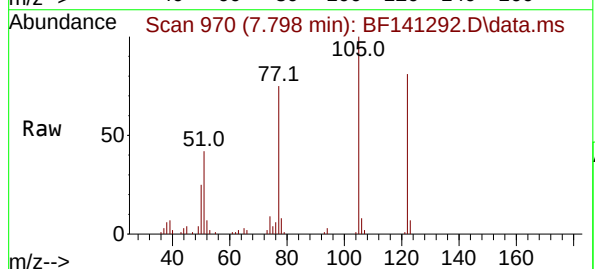
Manual Integrations
APPROVED

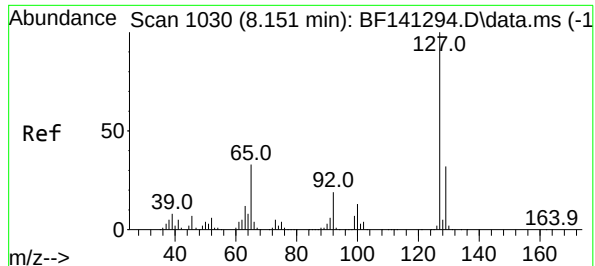
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 8.367 ng
RT: 7.798 min Scan# 970
Delta R.T. -0.047 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

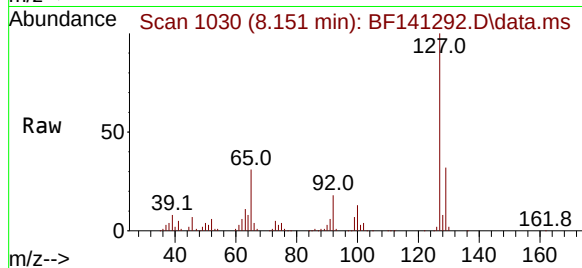
Tgt Ion:122 Resp: 47549
Ion Ratio Lower Upper
122 100
105 124.1 103.4 143.4
77 93.0 70.9 110.9





#33
4-Chloroaniline
Concen: 10.703 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

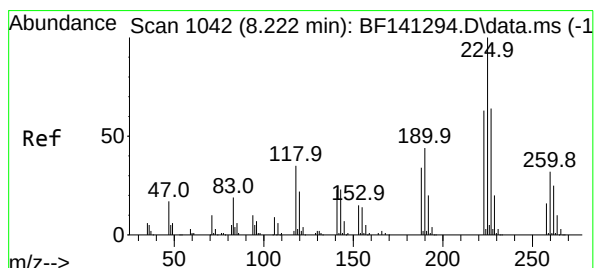
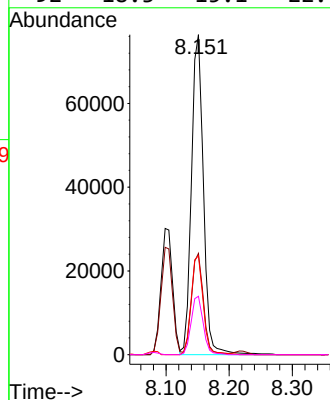
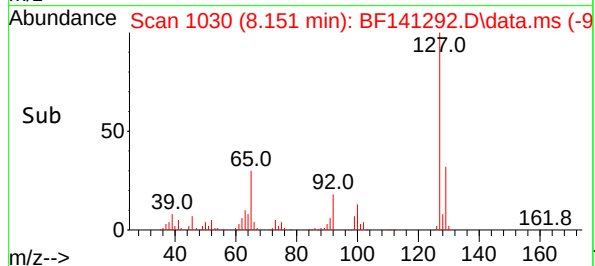
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 100852
Ion Ratio Lower Upper
127 100
129 31.7 25.7 38.5
65 30.9 26.4 39.6
92 18.3 15.1 22.7

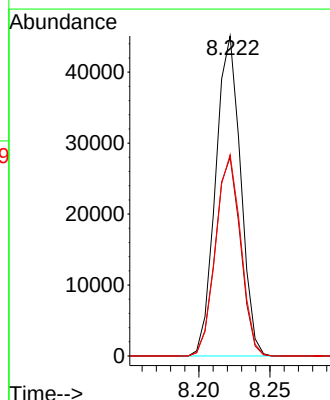
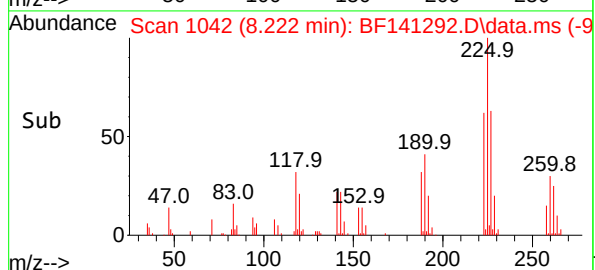
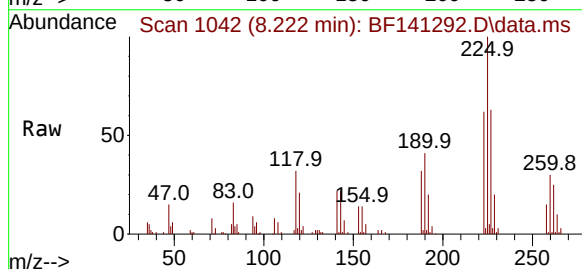
Manual Integrations
APPROVED

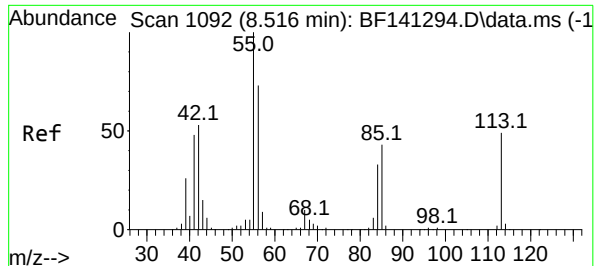
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 10.736 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:225 Resp: 55103
Ion Ratio Lower Upper
225 100
223 62.0 50.4 75.6
227 62.9 51.3 76.9





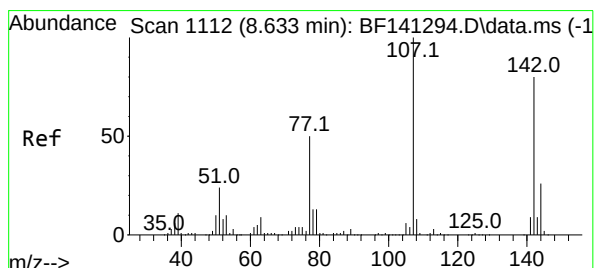
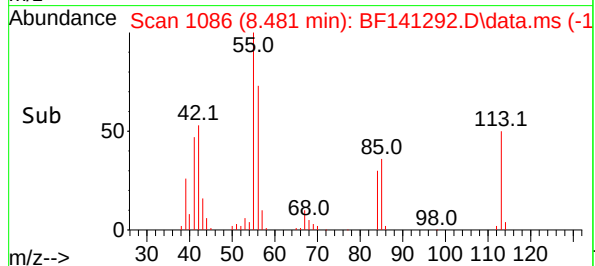
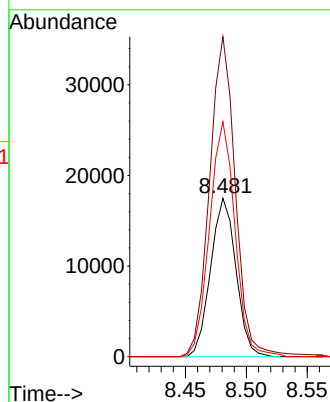
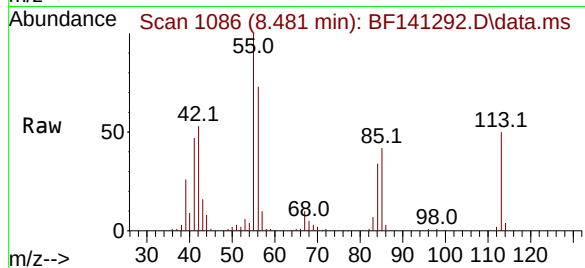
#35
Caprolactam
Concen: 10.256 ng
RT: 8.481 min Scan# 1108
Delta R.T. -0.035 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 2536
Ion Ratio Lower Upper
113 100
55 201.9 182.9 222.9
56 148.2 127.9 167.9

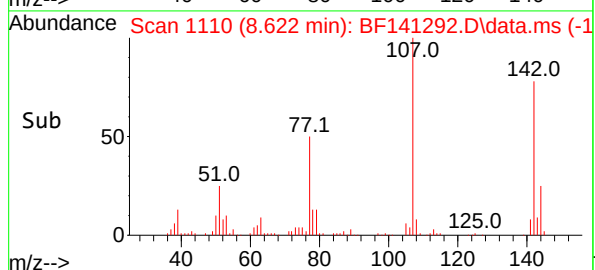
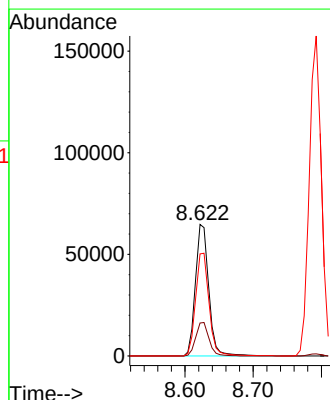
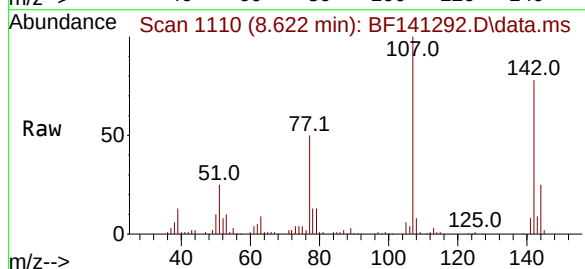
Manual Integrations
APPROVED

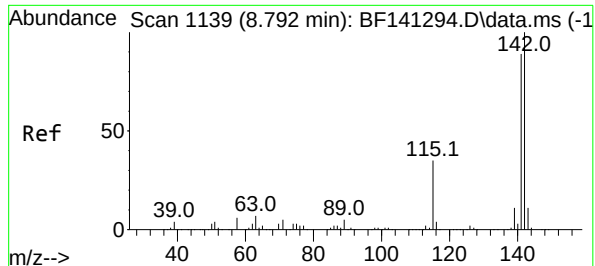
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#36
4-Chloro-3-methylphenol
Concen: 10.674 ng
RT: 8.622 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

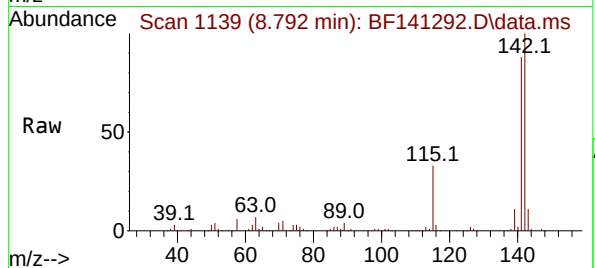
Tgt Ion:107 Resp: 87592
Ion Ratio Lower Upper
107 100
144 25.1 20.7 31.1
142 77.6 63.8 95.8





#37
2-Methylnaphthalene
Concen: 10.925 ng
RT: 8.792 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

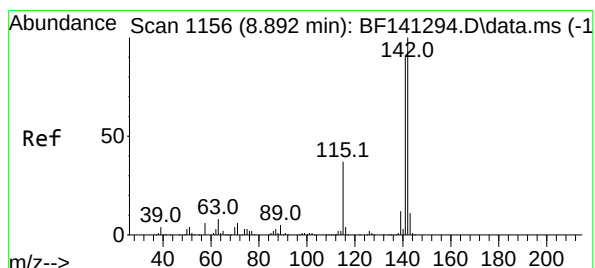
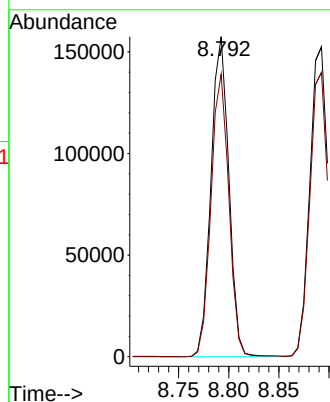
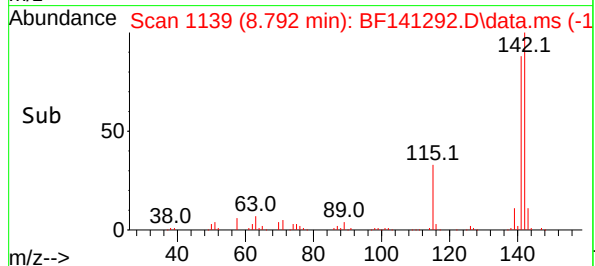
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 195160
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9

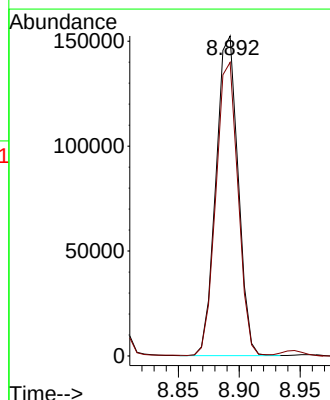
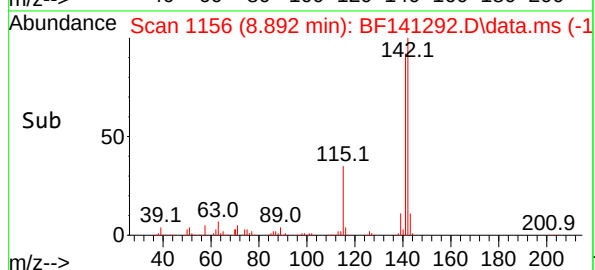
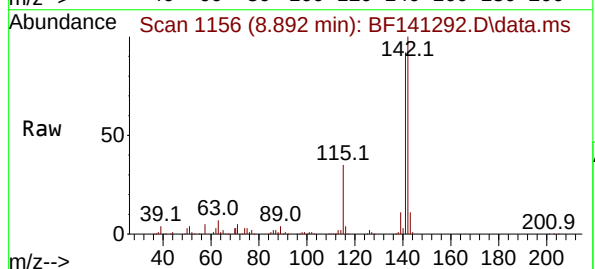
Manual Integrations
APPROVED

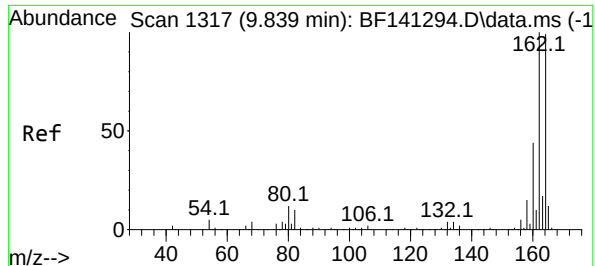
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 11.022 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:142 Resp: 192861
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 28955

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

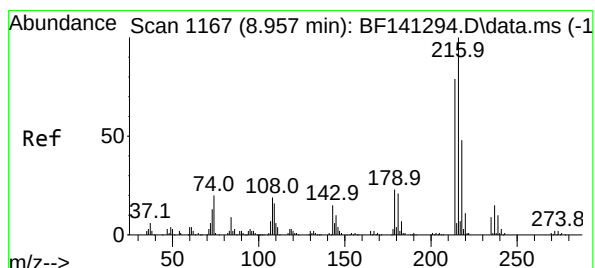
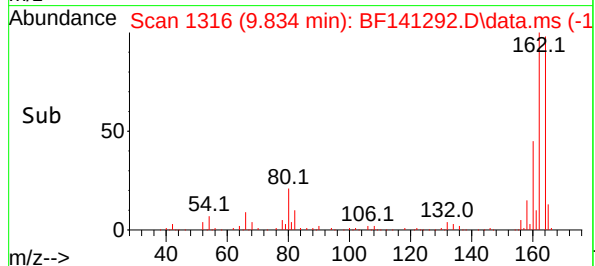
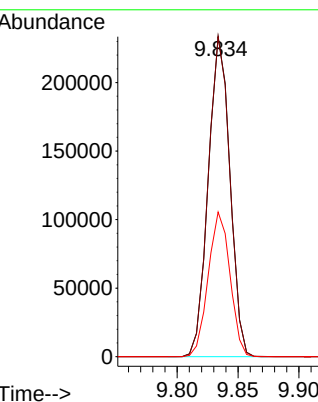
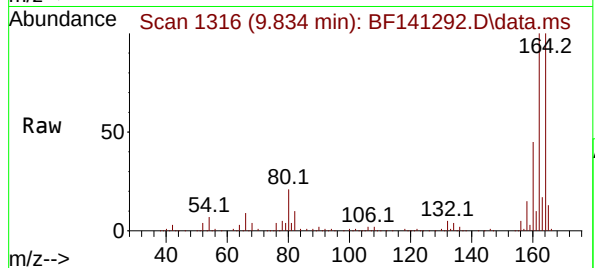
160 45.2 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.775 ng

RT: 8.957 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Tgt Ion:216 Resp: 88710

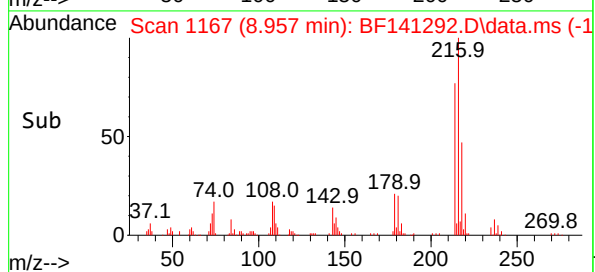
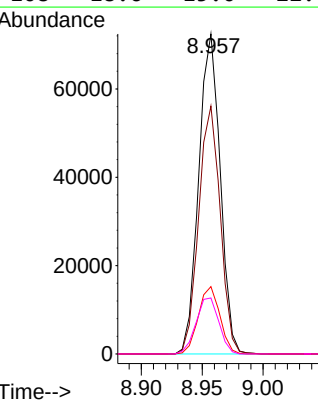
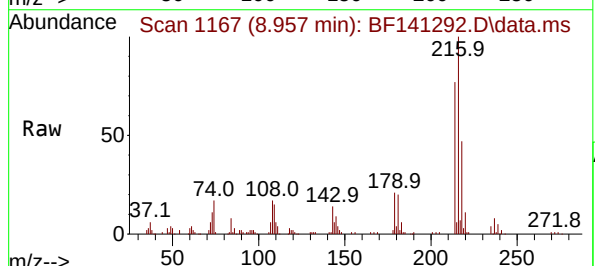
Ion Ratio Lower Upper

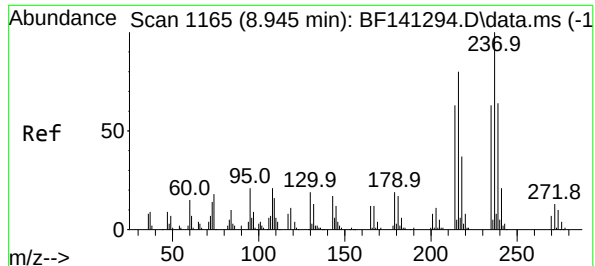
216 100

214 77.8 63.2 94.8

179 21.1 17.8 26.8

108 18.6 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 9.212 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

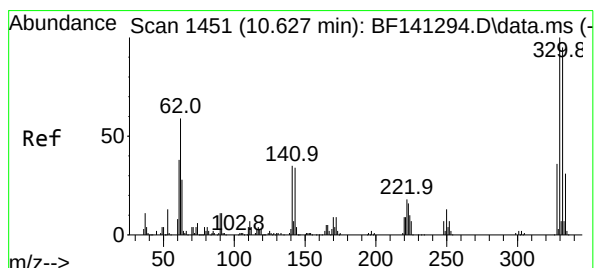
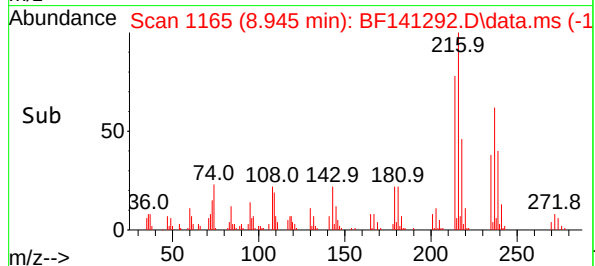
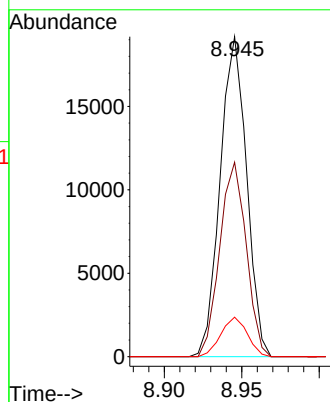
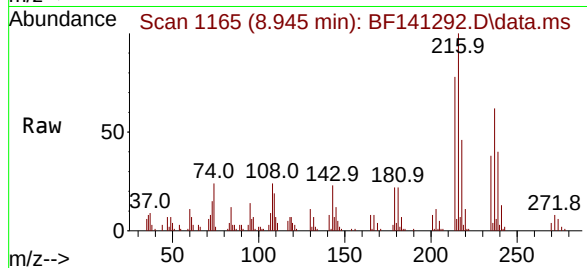
Tgt Ion:	237	Resp:	2275
Ion Ratio	Lower	Upper	
237	100		
235	60.8	42.9	82.9
272	12.3	0.0	32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#42

2,4,6-Tribromophenol

Concen: 21.761 ng

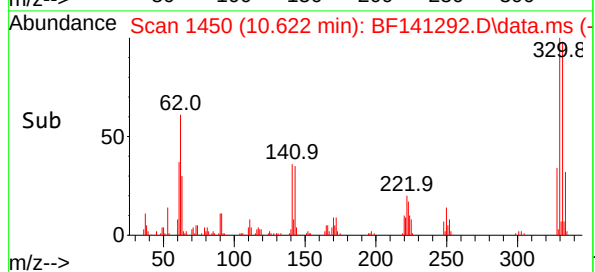
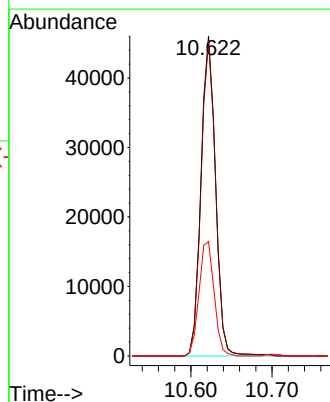
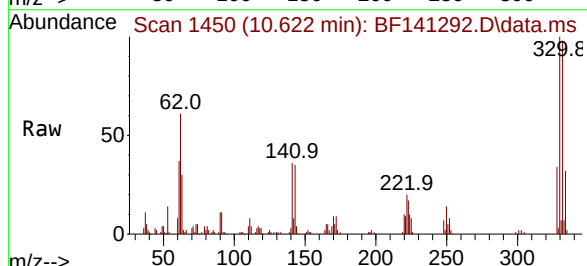
RT: 10.622 min Scan# 1450

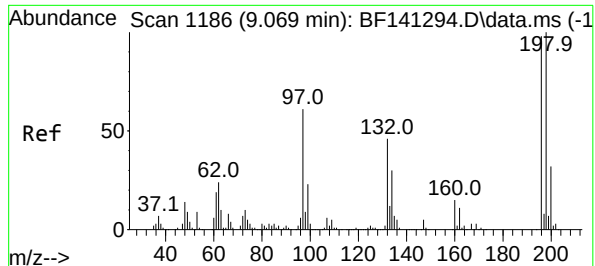
Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Tgt Ion:	330	Resp:	57417
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.1	114.1
141	37.3	28.8	43.2





#43

2,4,6-Trichlorophenol

Concen: 10.241 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141292.D

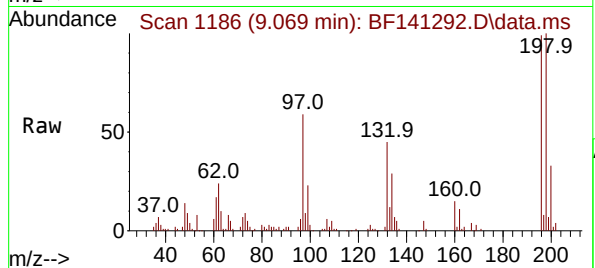
Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 5503

Ion Ratio Lower Upper

196 100

198 101.0 81.8 122.6

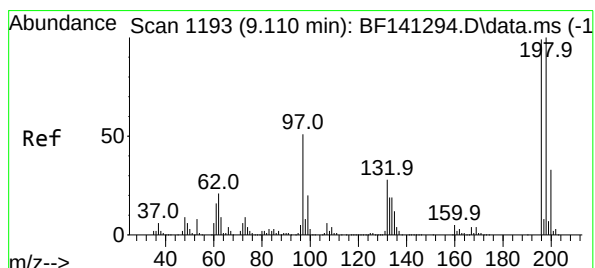
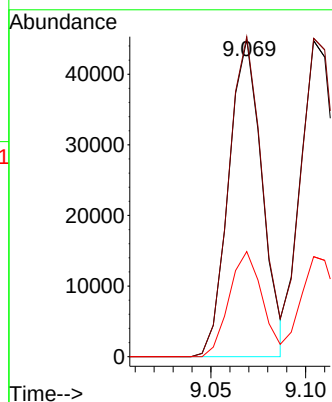
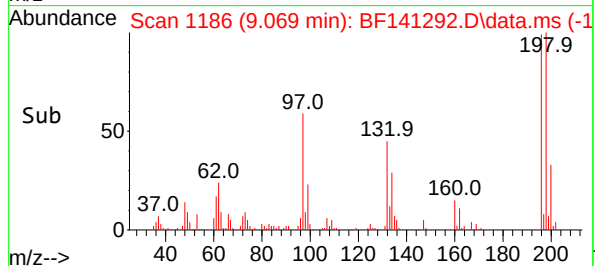
200 33.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#44

2,4,5-Trichlorophenol

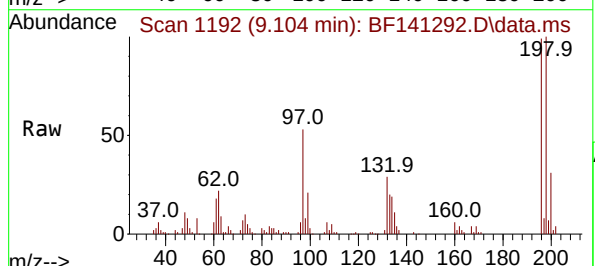
Concen: 10.518 ng

RT: 9.104 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49



Tgt Ion:196 Resp: 61493

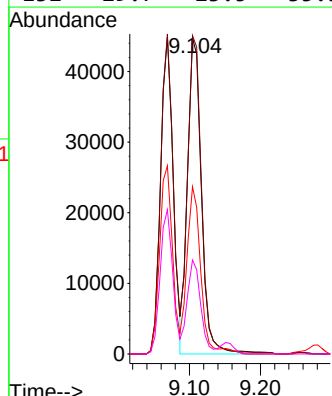
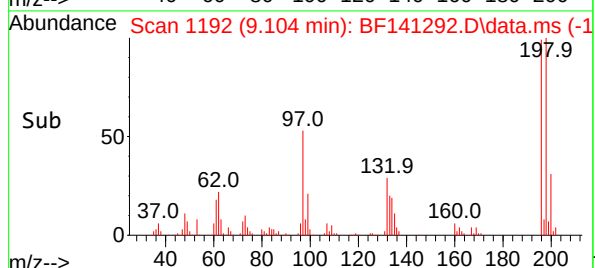
Ion Ratio Lower Upper

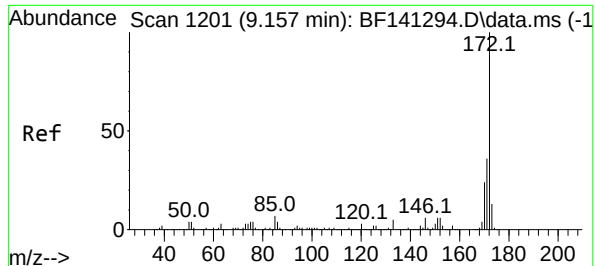
196 100

198 100.8 80.5 120.7

97 52.9 42.8 64.2

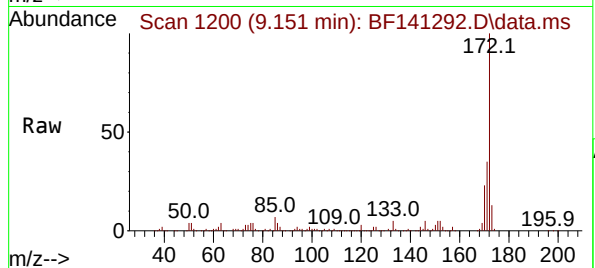
132 29.7 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 22.581 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

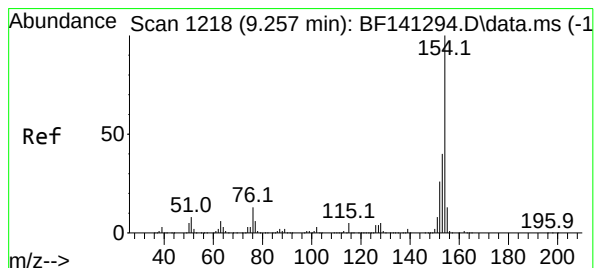
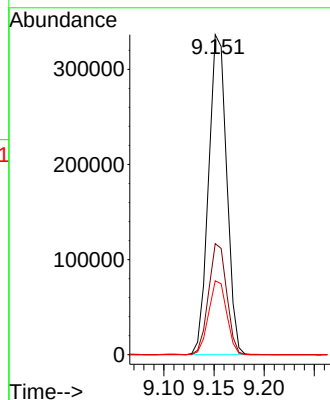
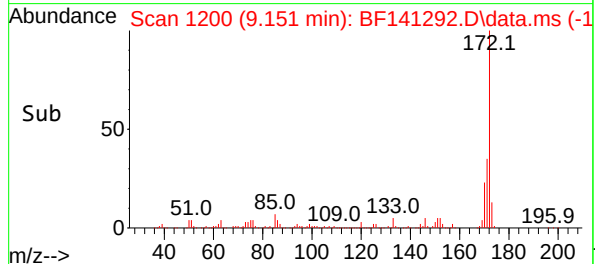
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 423852
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.1 19.0 28.6

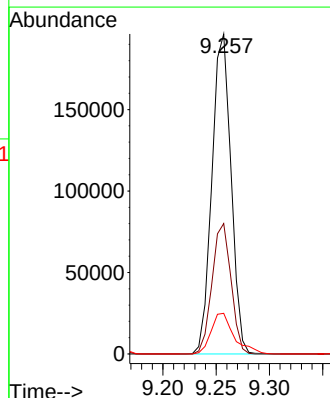
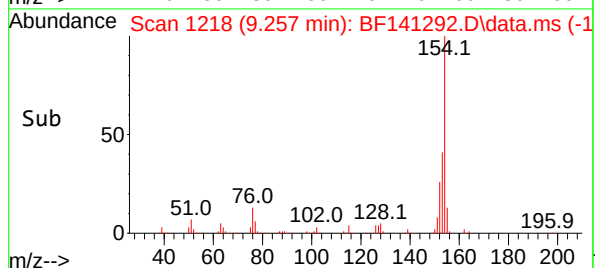
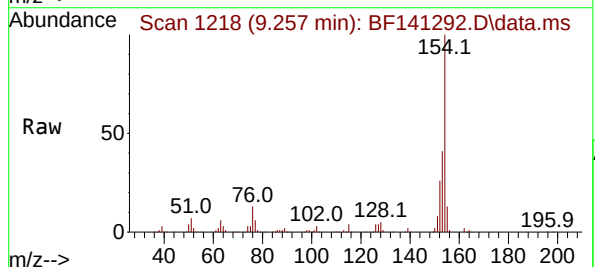
Manual Integrations
APPROVED

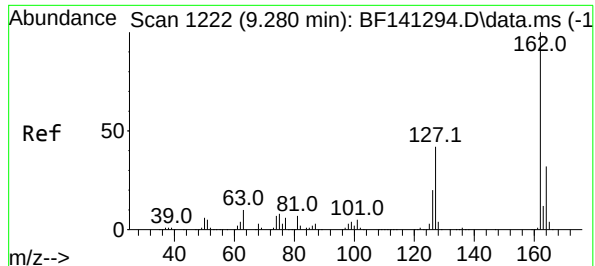
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#46
1,1'-Biphenyl
Concen: 10.847 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

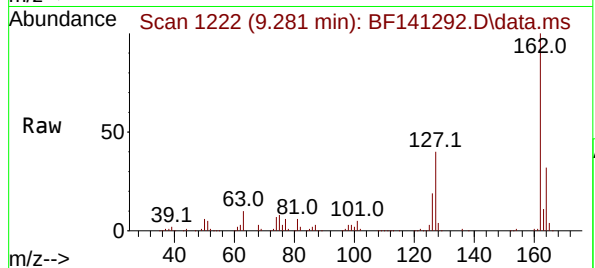
Tgt Ion:154 Resp: 245028
Ion Ratio Lower Upper
154 100
153 40.8 20.0 60.0
76 12.7 0.0 32.8





#47
2-Chloronaphthalene
Concen: 10.812 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

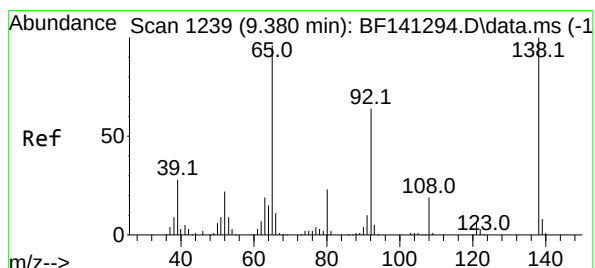
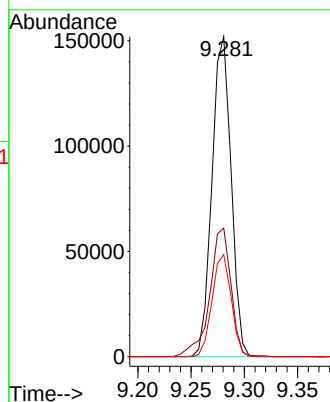
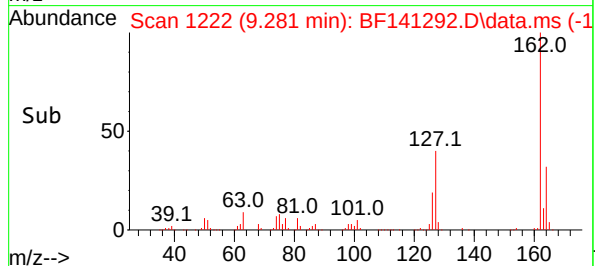
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 189709
Ion Ratio Lower Upper
162 100
127 40.2 33.7 50.5
164 31.9 25.9 38.9

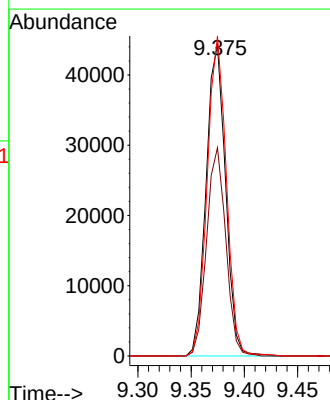
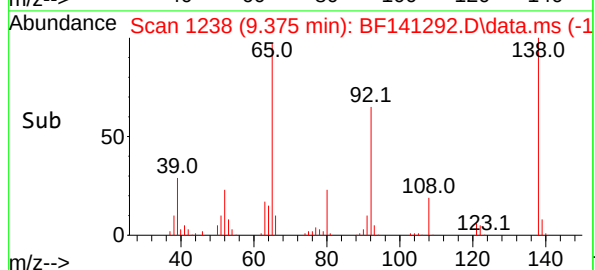
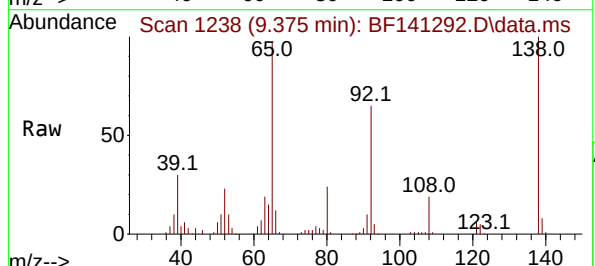
Manual Integrations
APPROVED

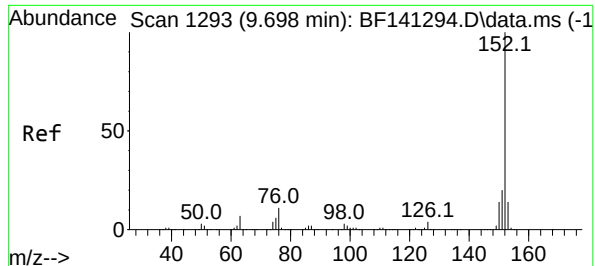
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 10.164 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 65 Resp: 56247
Ion Ratio Lower Upper
65 100
92 67.0 53.3 79.9
138 102.9 83.6 125.4





#49

Acenaphthylene

Concen: 10.895 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

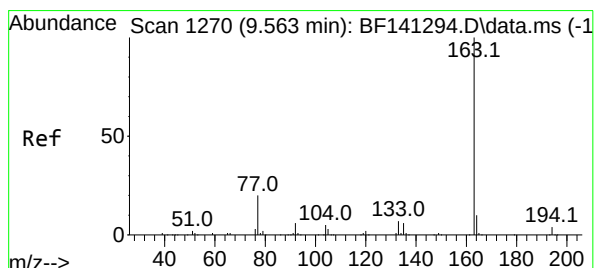
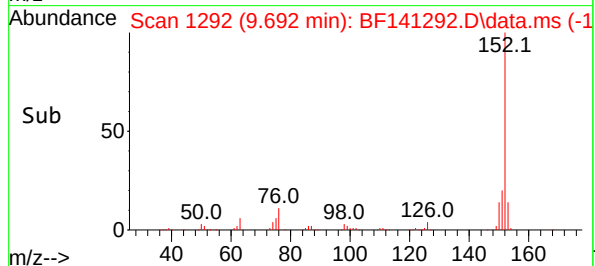
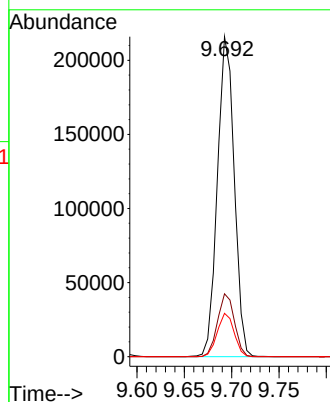
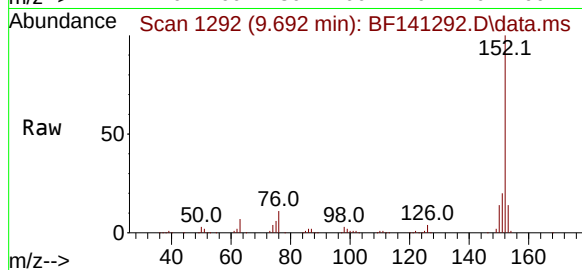
SSTDICC010

Tgt Ion:152	Resp: 26847
Ion Ratio	Lower Upper
152	100
151	19.7 16.2 24.2
153	13.6 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#50

Dimethylphthalate

Concen: 10.857 ng

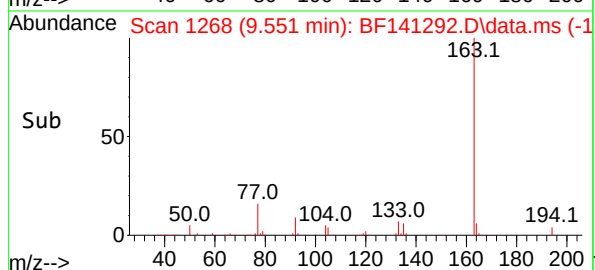
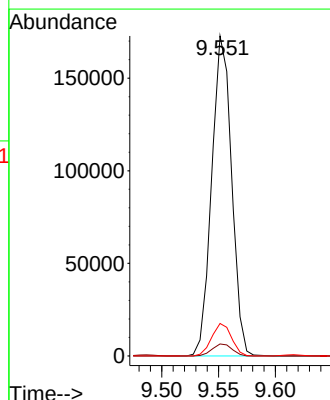
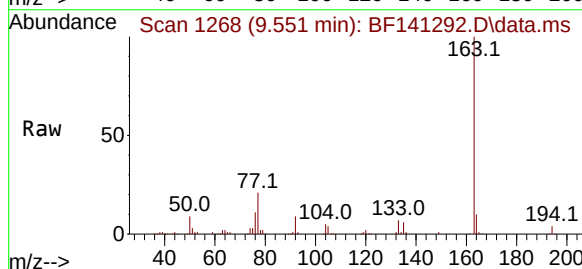
RT: 9.551 min Scan# 1268

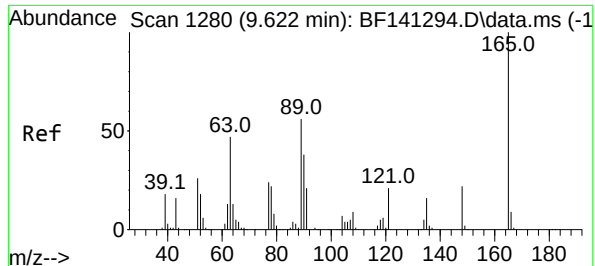
Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

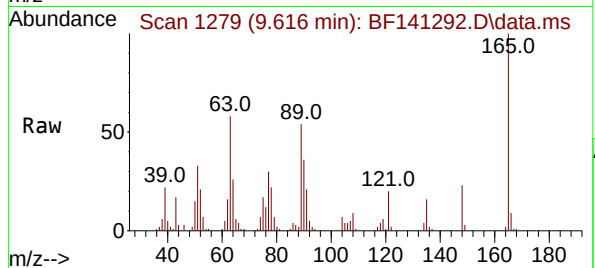
Tgt Ion:163	Resp: 210816
Ion Ratio	Lower Upper
163	100
194	3.7 3.0 4.6
164	10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 10.613 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

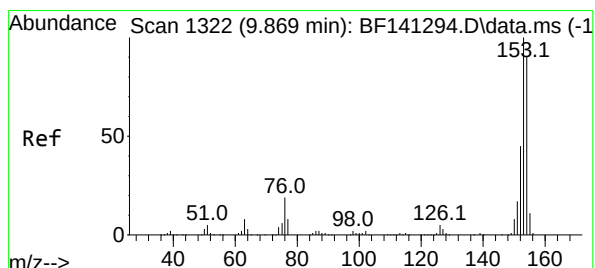
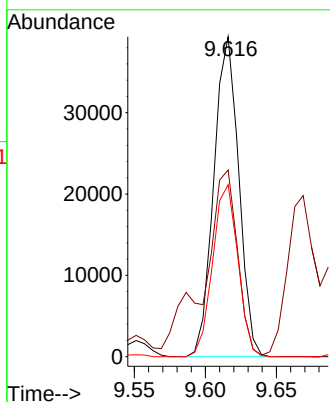
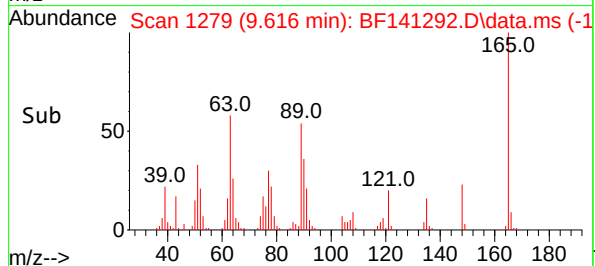
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 47958
Ion Ratio Lower Upper
165 100
63 58.3 48.1 72.1
89 53.7 44.9 67.3

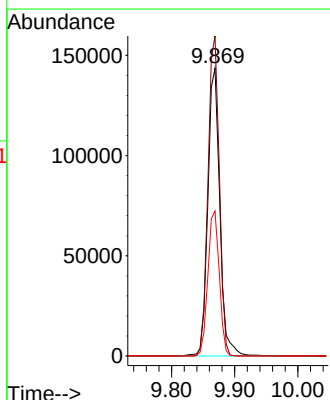
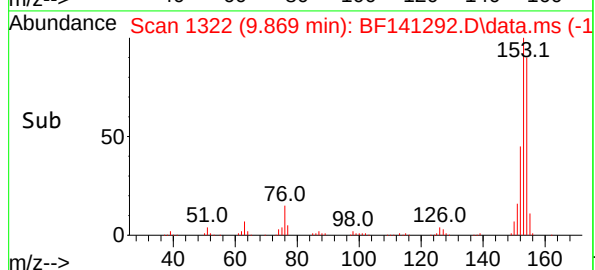
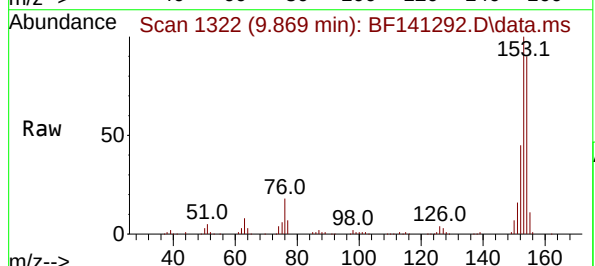
Manual Integrations
APPROVED

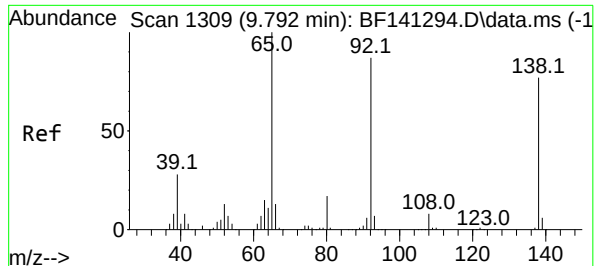
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 10.738 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

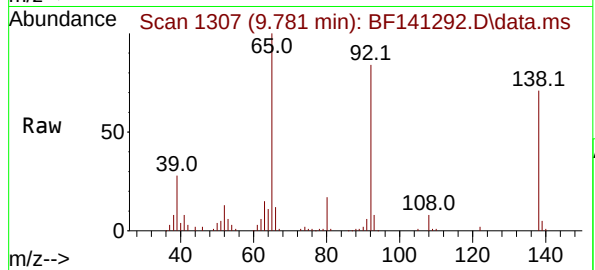
Tgt Ion:154 Resp: 188283
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 50.4 40.2 60.4





#53
3-Nitroaniline
Concen: 10.699 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

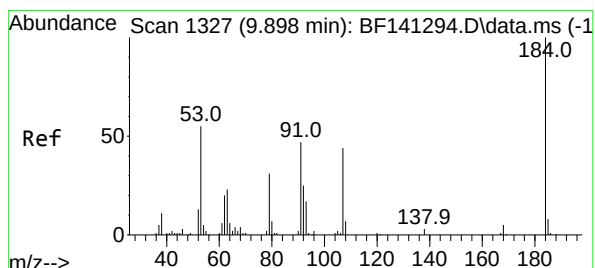
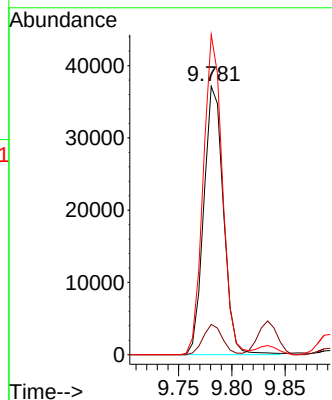
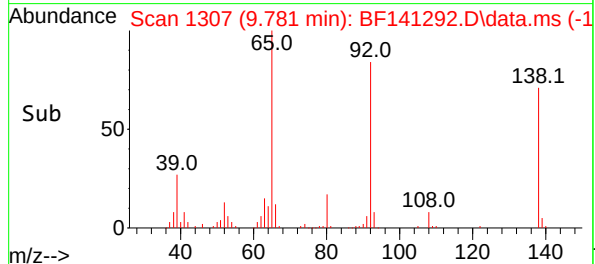
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 47818
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 119.2 91.0 136.6

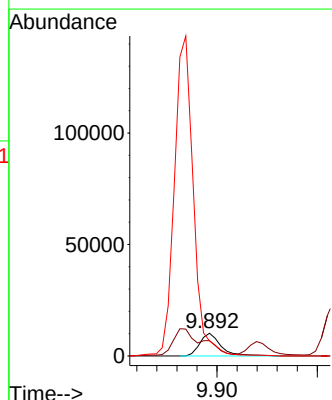
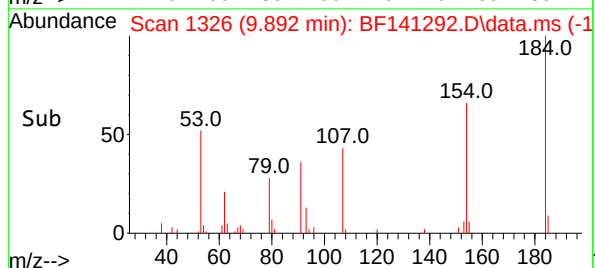
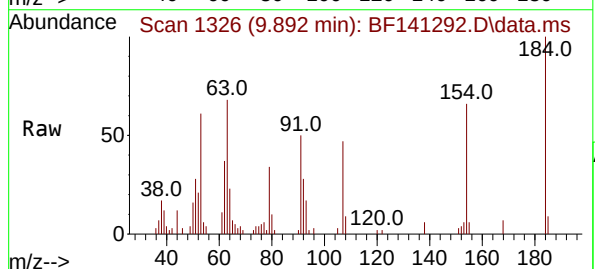
Manual Integrations
APPROVED

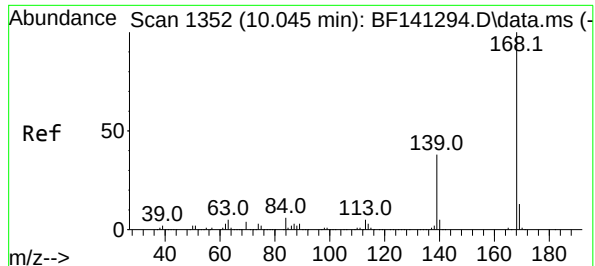
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 6.925 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:184 Resp: 14749
Ion Ratio Lower Upper
184 100
63 67.9 54.1 81.1
154 66.2 50.7 76.1





#55

Dibenzenofuran

Concen: 11.038 ng

RT: 10.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 25883

Ion Ratio Lower Upper

168 100

139 37.7 30.6 46.0

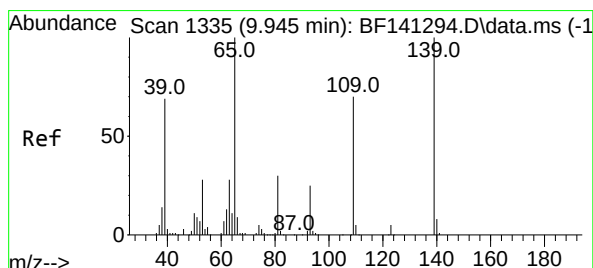
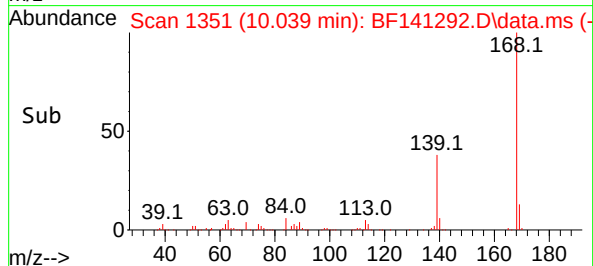
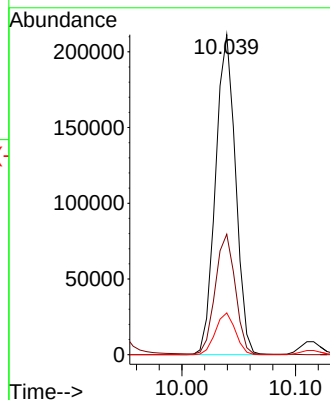
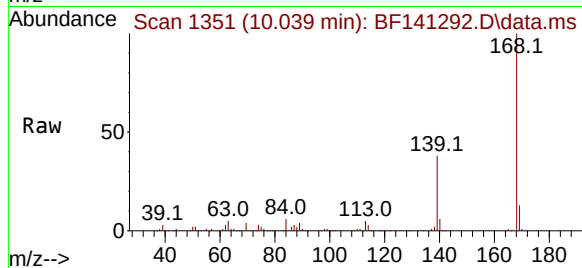
169 13.1 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#56

4-Nitrophenol

Concen: 9.722 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

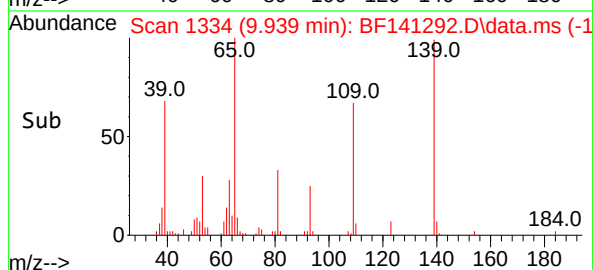
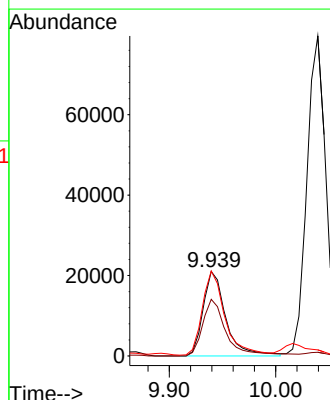
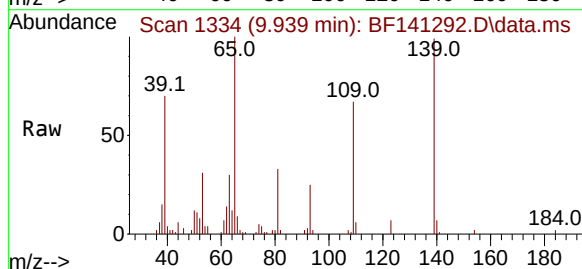
Tgt Ion:139 Resp: 31196

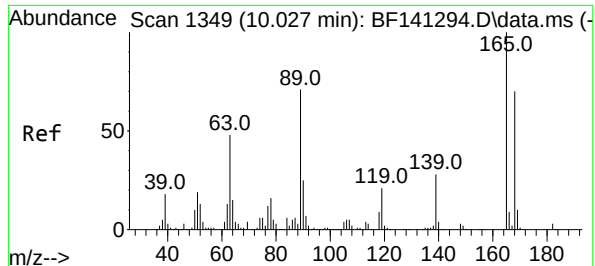
Ion Ratio Lower Upper

139 100

109 67.1 50.2 90.2

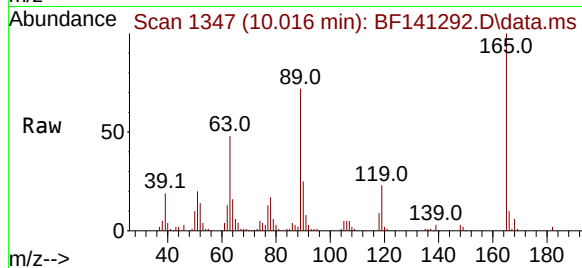
65 100.6 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 10.710 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

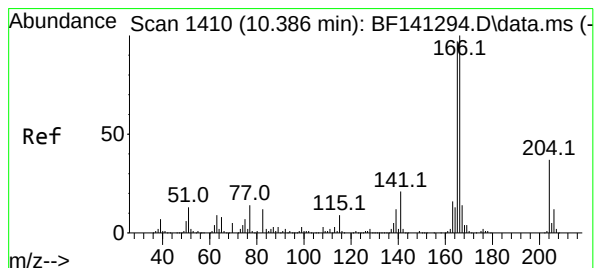
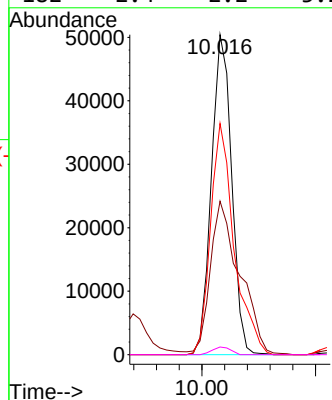
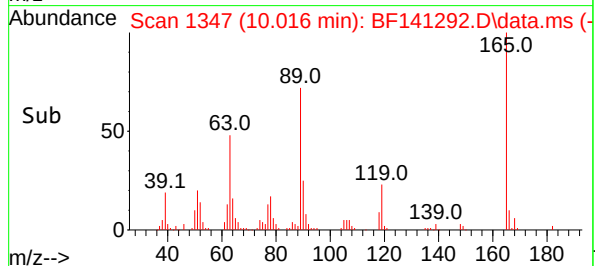
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



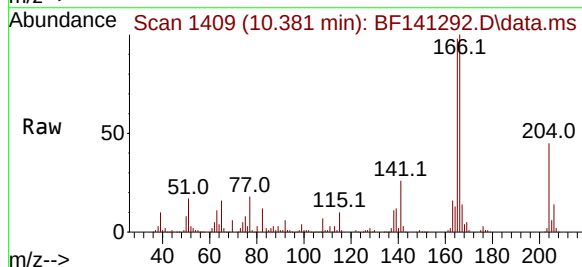
Tgt Ion:165 Resp: 62418
Ion Ratio Lower Upper
165 100
63 48.0 39.2 58.8
89 72.2 56.9 85.3
182 2.4 2.2 3.2

Manual Integrations
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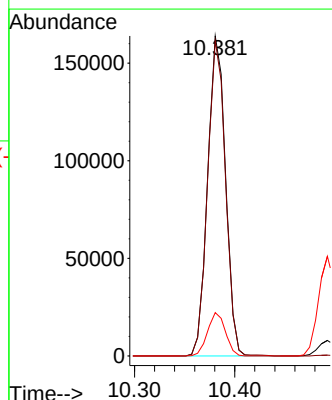
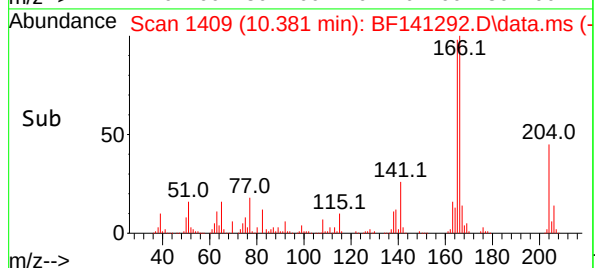
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

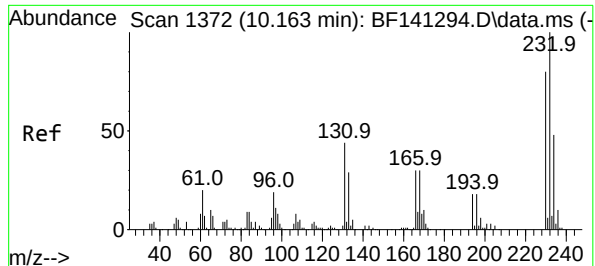


#58
Fluorene
Concen: 11.197 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49



Tgt Ion:166 Resp: 204141
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.6 10.9 16.3





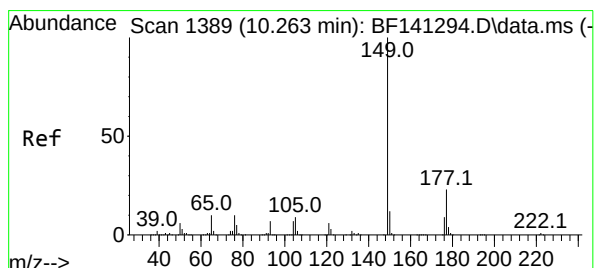
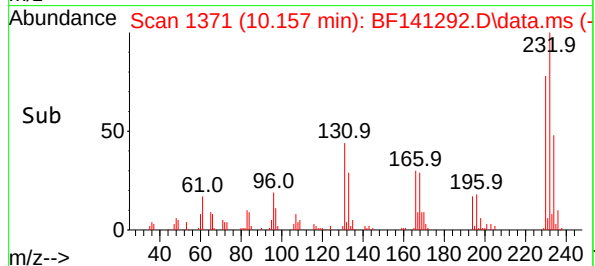
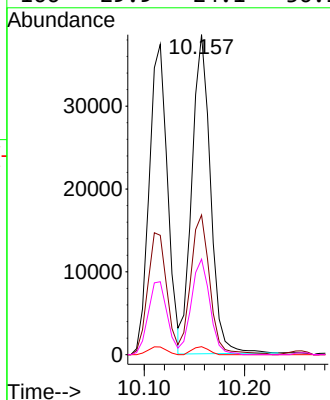
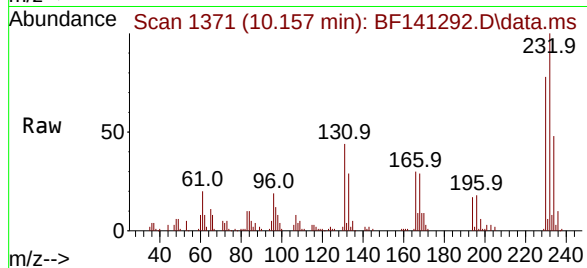
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.737 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 49590
Ion Ratio Lower Upper
232 100
131 45.2 36.4 54.6
130 2.2 1.9 2.9
166 29.9 24.1 36.1

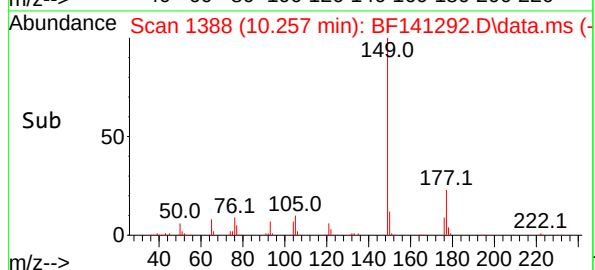
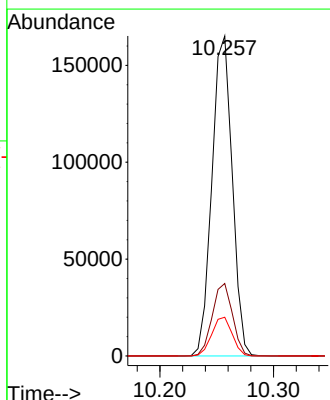
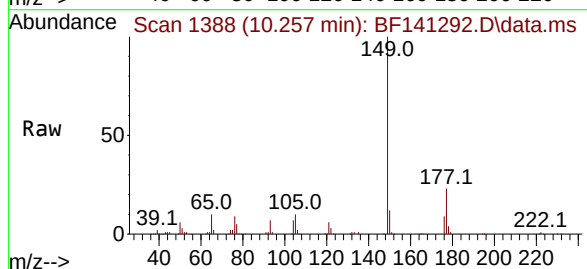
Manual Integrations
APPROVED

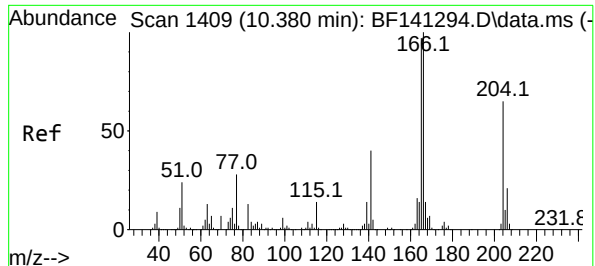
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 10.908 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

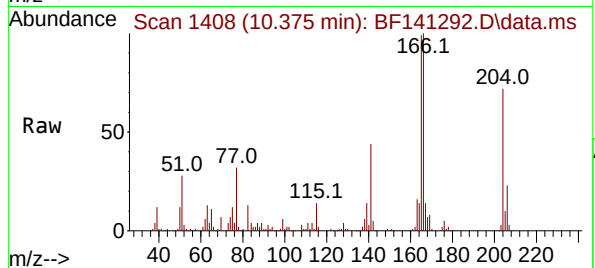
Tgt Ion:149 Resp: 205131
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 11.294 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

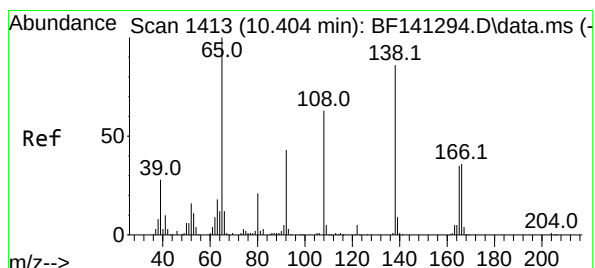
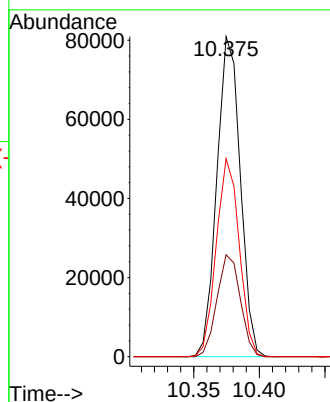
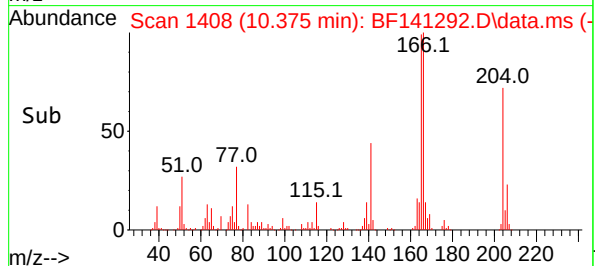
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



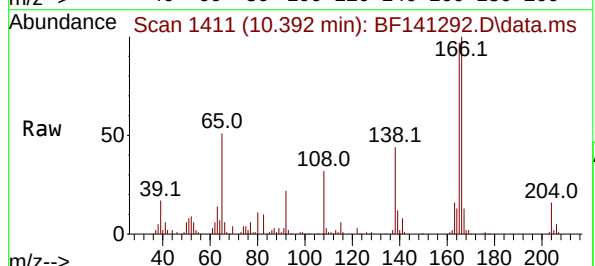
Tgt Ion:204 Resp: 100485
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 61.8 49.5 74.3

Manual Integrations
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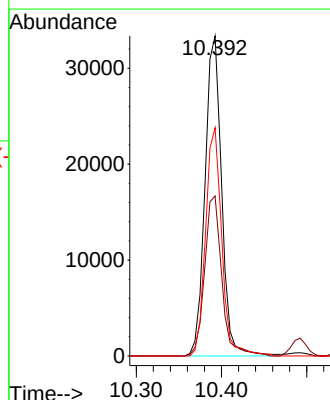
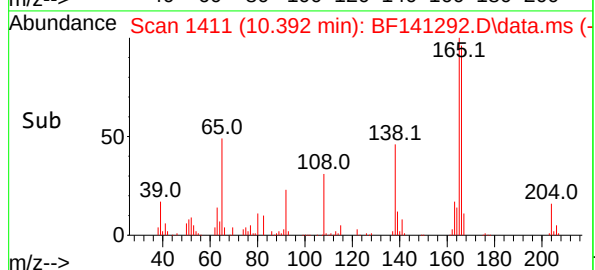
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

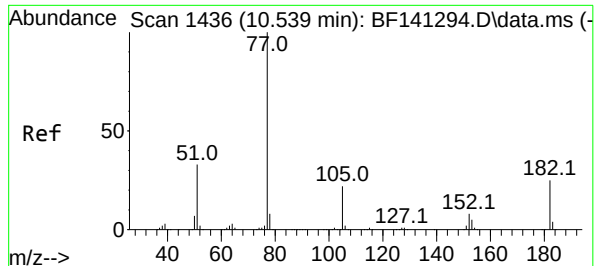


#62
4-Nitroaniline
Concen: 10.533 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49



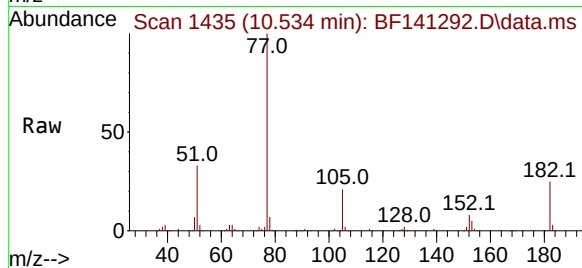
Tgt Ion:138 Resp: 45222
Ion Ratio Lower Upper
138 100
92 50.0 30.1 70.1
108 71.3 53.1 93.1





#63
Azobenzene
Concen: 10.839 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

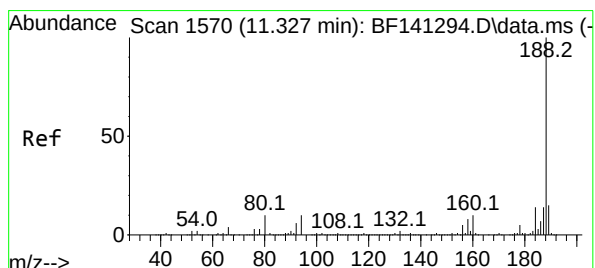
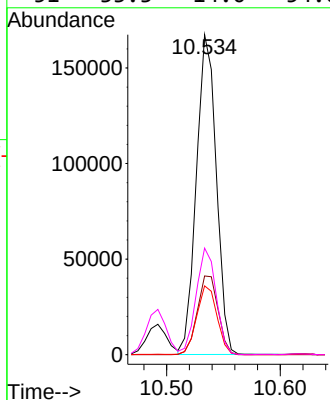
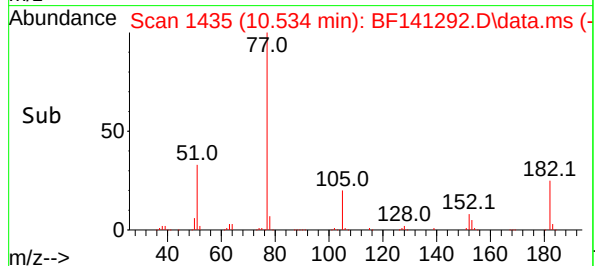
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



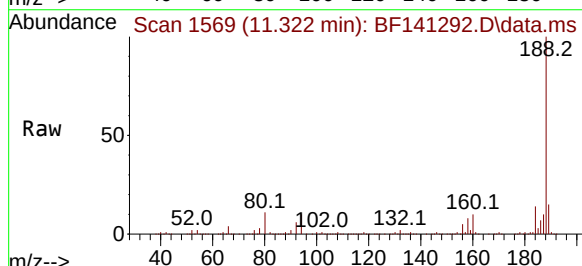
Tgt Ion: 77 Resp: 204300
Ion Ratio Lower Upper
77 100
182 24.6 5.1 45.1
105 21.5 1.8 41.8
51 33.3 14.0 54.0

Manual Integrations
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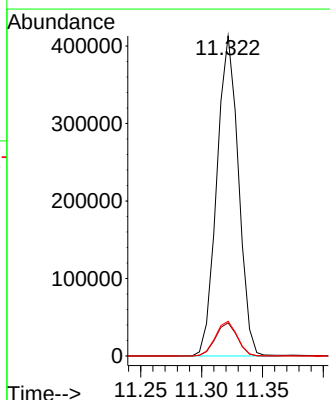
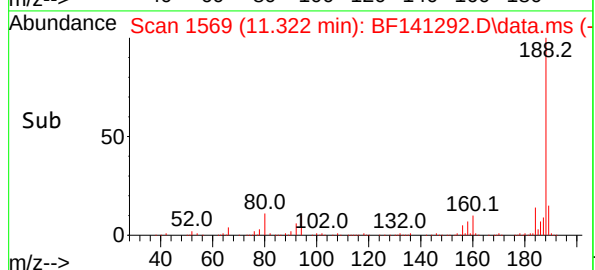
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

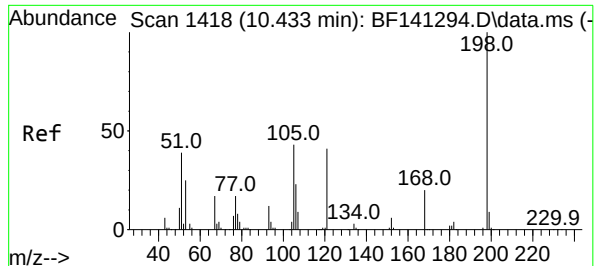


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49



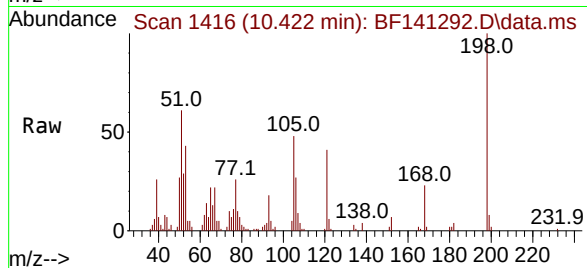
Tgt Ion:188 Resp: 510795
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.9 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 8.831 ng
RT: 10.422 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

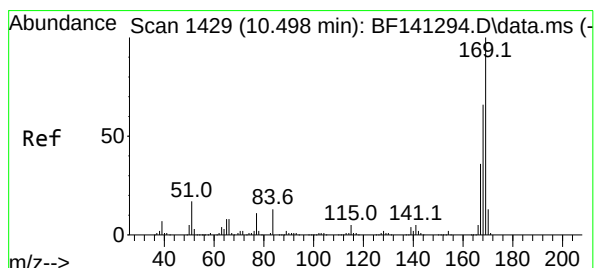
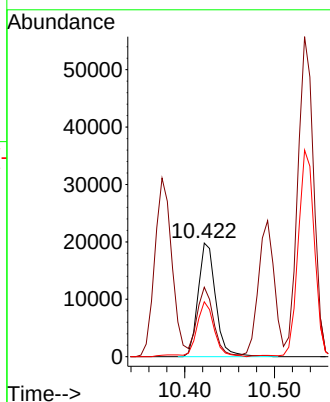
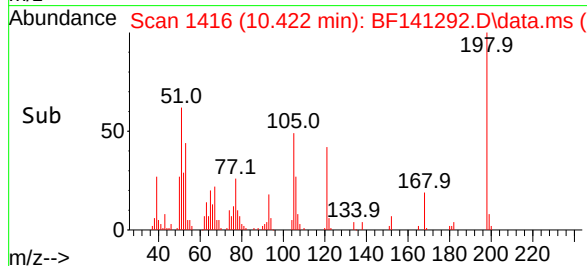
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 26939
Ion Ratio Lower Upper
198 100
51 61.2 33.4 73.4
105 48.3 24.4 64.4

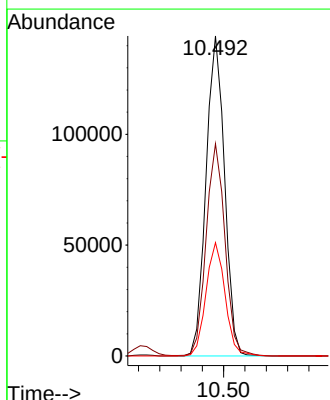
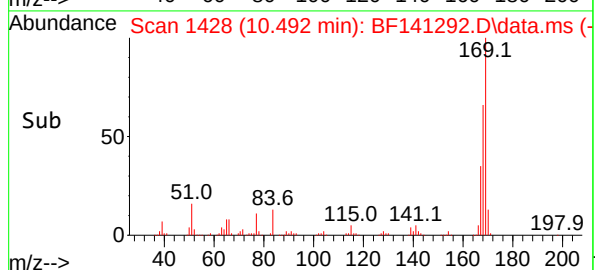
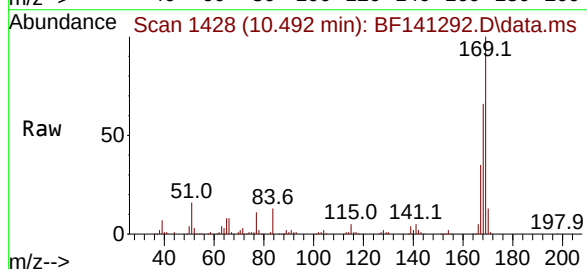
Manual Integrations
APPROVED

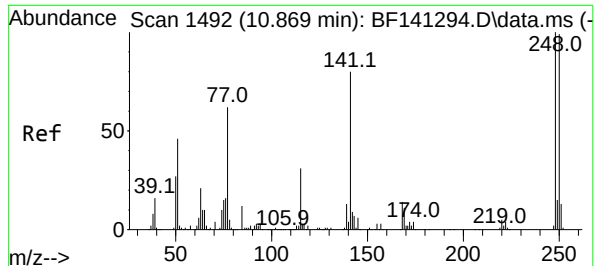
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 10.544 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

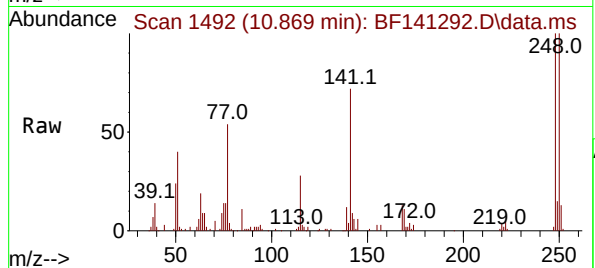
Tgt Ion:169 Resp: 174617
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 35.4 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 10.468 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

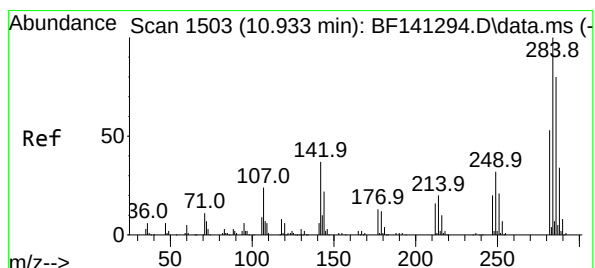
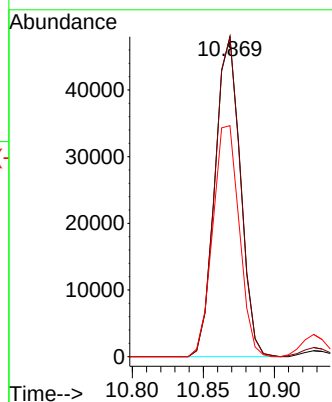
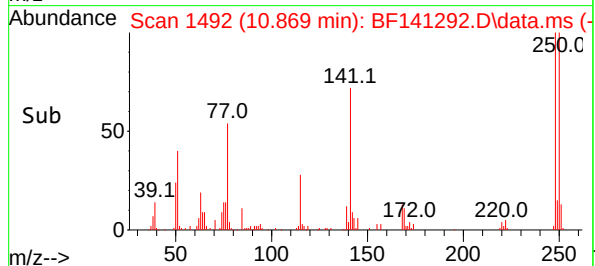
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



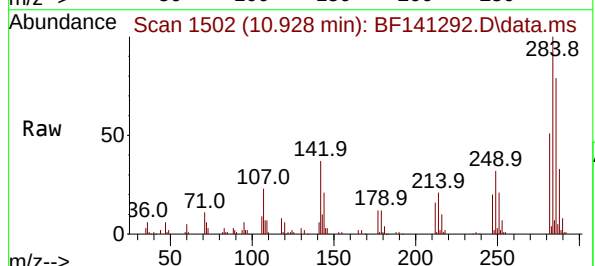
Tgt Ion:248 Resp: 59770
Ion Ratio Lower Upper
248 100
250 100.0 79.0 118.4
141 72.2 63.7 95.5

Manual Integrations
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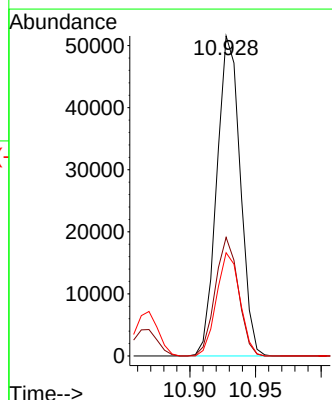
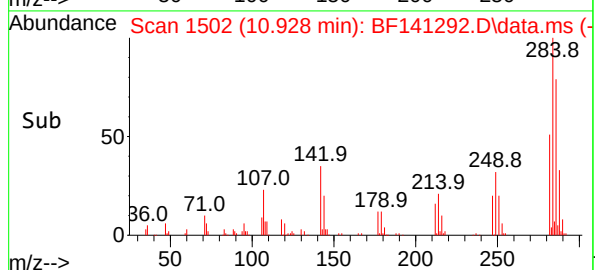
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

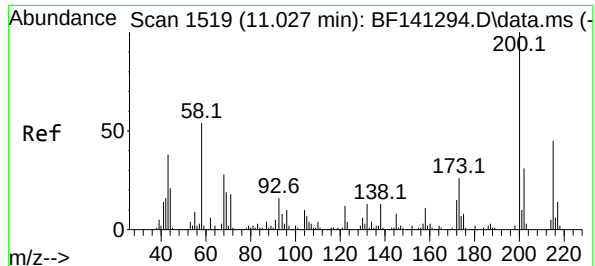


#68
Hexachlorobenzene
Concen: 10.551 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49



Tgt Ion:284 Resp: 63908
Ion Ratio Lower Upper
284 100
142 37.0 29.5 44.3
249 32.2 25.4 38.2





#69

Atrazine

Concen: 9.295 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

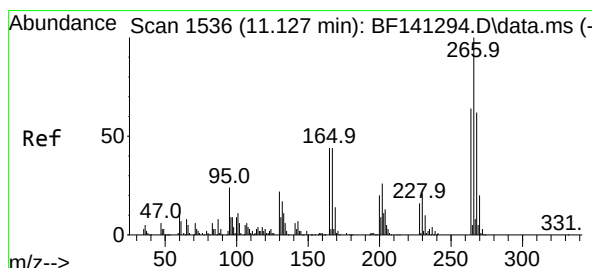
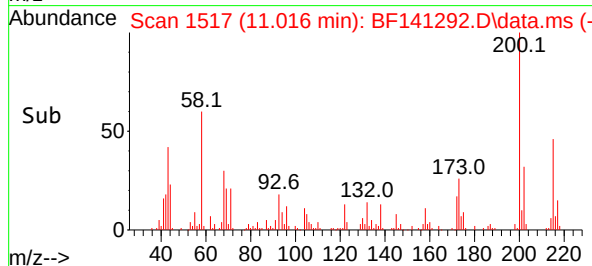
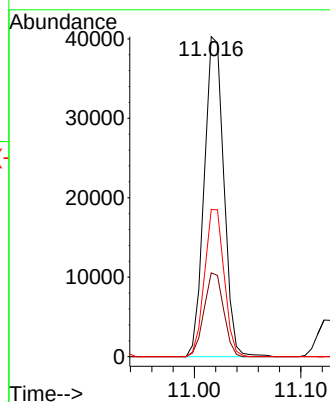
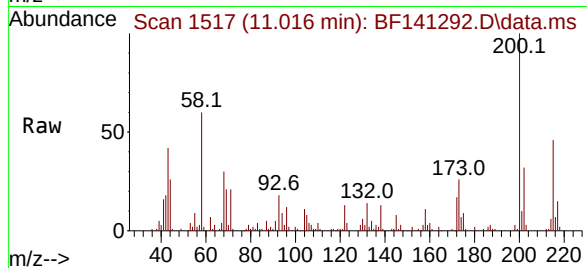
Tgt Ion	200	Resp	5163
Ion Ratio	Lower	Upper	
200	100		
173	26.2	5.9	45.9
215	46.0	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 9.796 ng

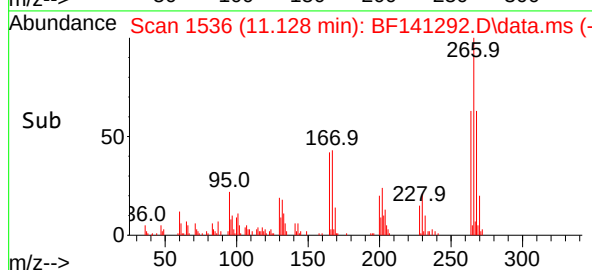
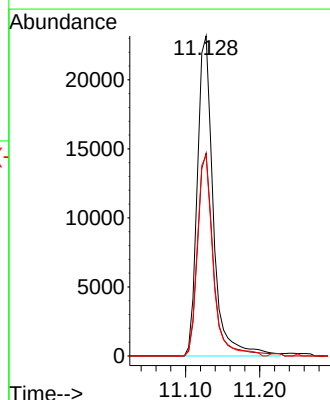
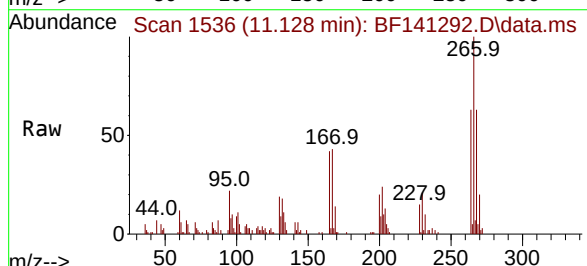
RT: 11.128 min Scan# 1536

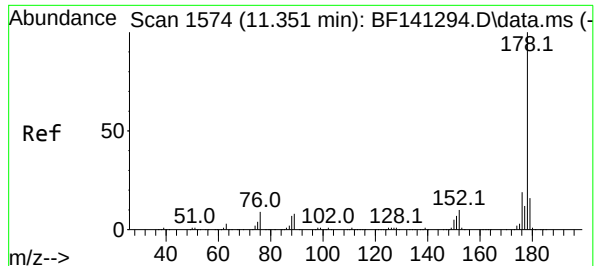
Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

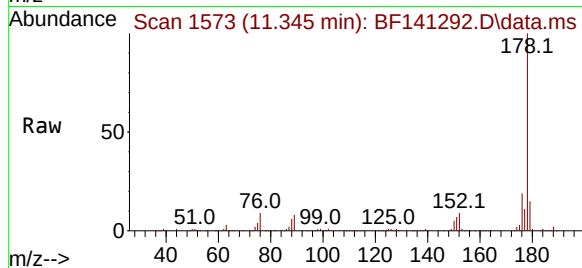
Tgt Ion	266	Resp	34788
Ion Ratio	Lower	Upper	
266	100		
268	63.4	49.9	74.9
264	62.7	51.0	76.4





#71
Phenanthrene
Concen: 10.893 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

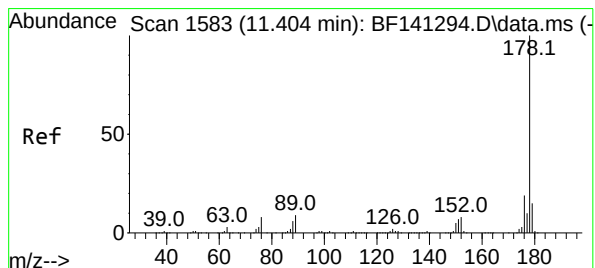
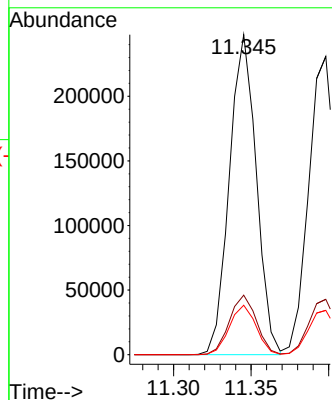
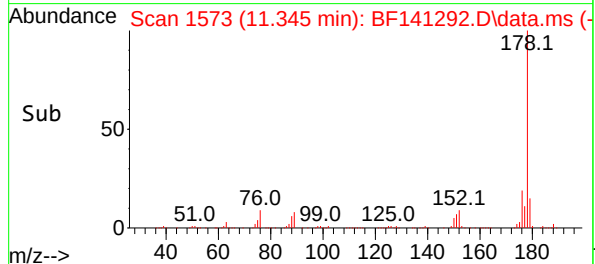
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 298892
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.4 12.5 18.7

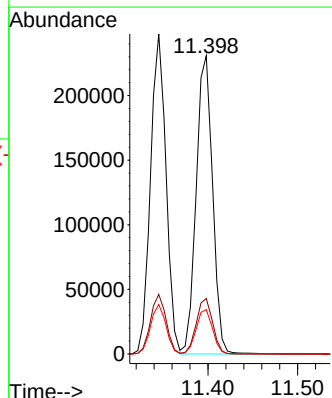
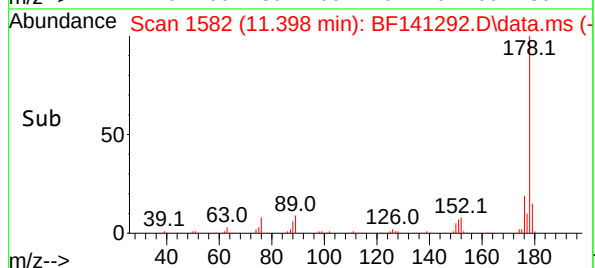
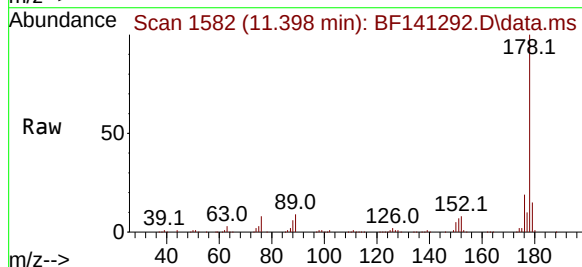
Manual Integrations
APPROVED

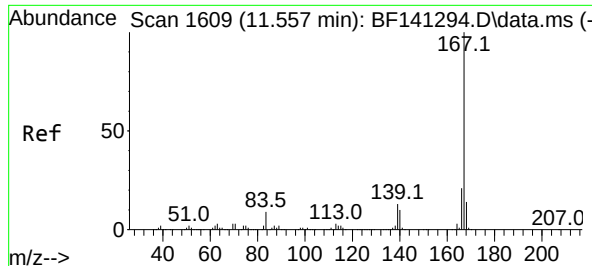
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 10.940 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

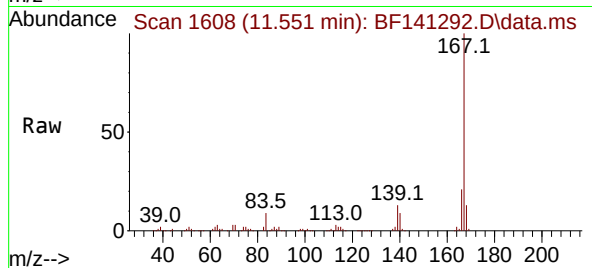
Tgt Ion:178 Resp: 292813
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 14.9 12.3 18.5





#73
Carbazole
Concen: 10.919 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

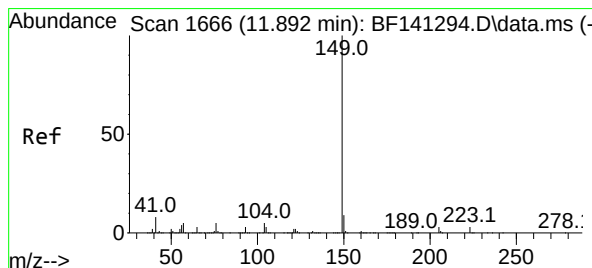
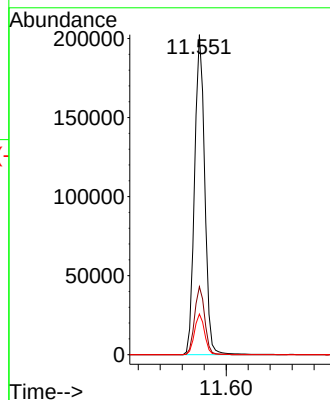
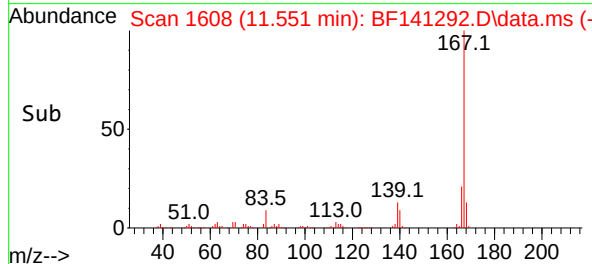
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 25885
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.7 10.6 16.0

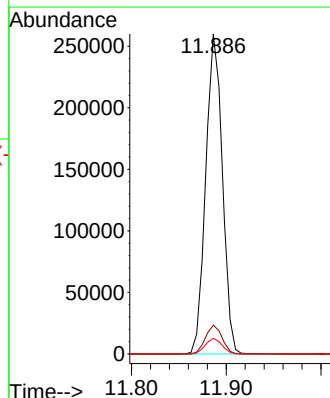
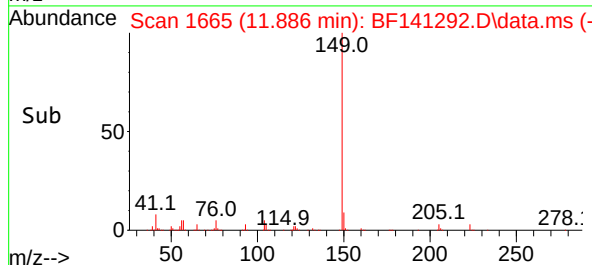
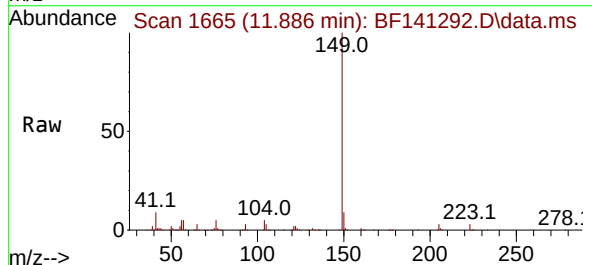
Manual Integrations
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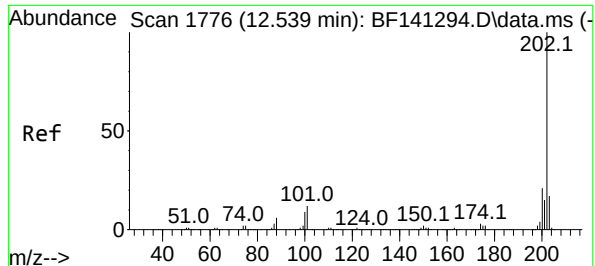
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#74
Di-n-butylphthalate
Concen: 11.070 ng
RT: 11.886 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

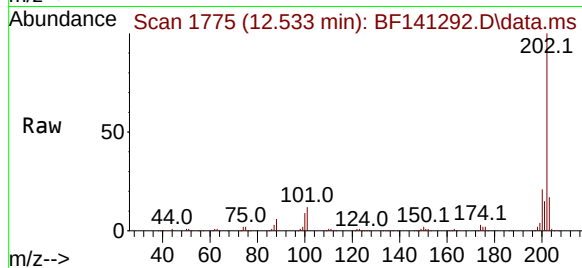
Tgt Ion:149 Resp: 316336
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 11.462 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

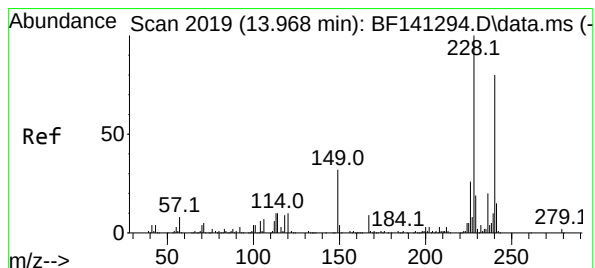
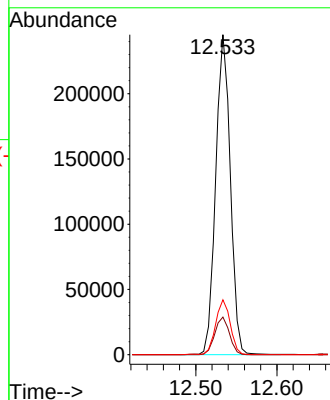
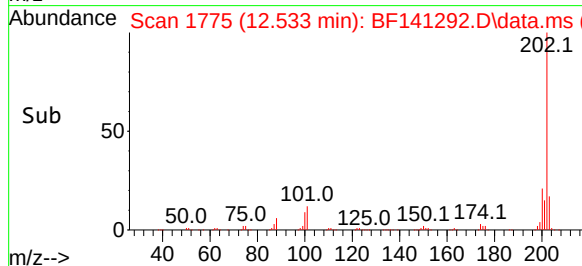
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 306969
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.1 0.0 37.5

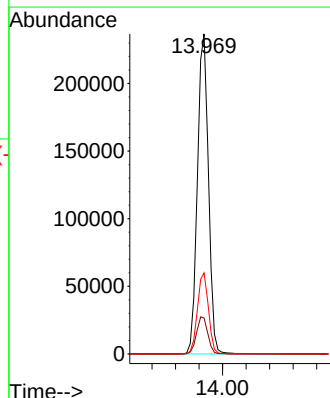
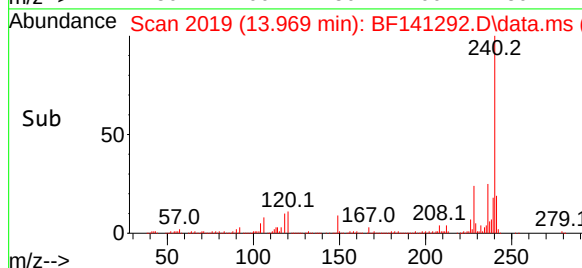
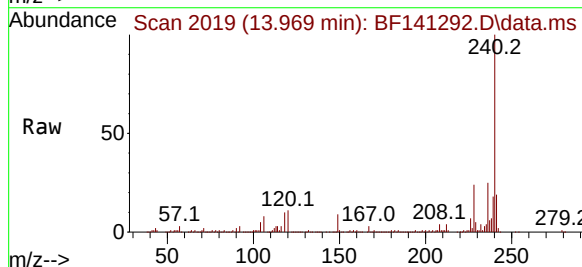
Manual Integrations
APPROVED

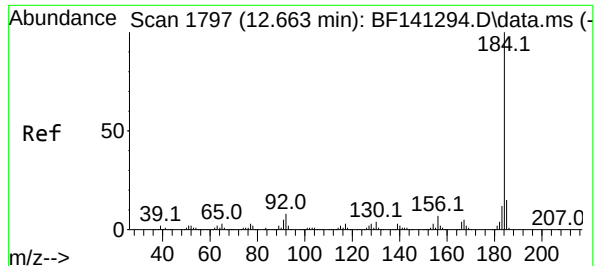
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

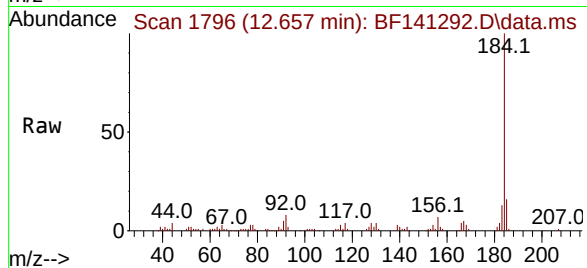
Tgt Ion:240 Resp: 308114
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 25.4 19.7 29.5





#77
Benzidine
Concen: 7.890 ng
RT: 12.657 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

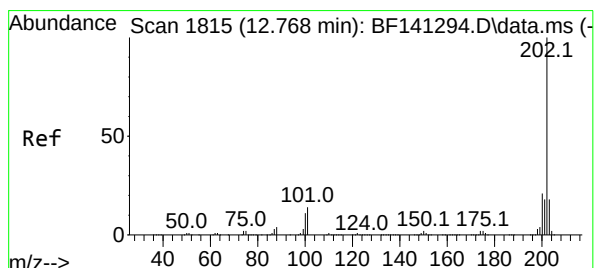
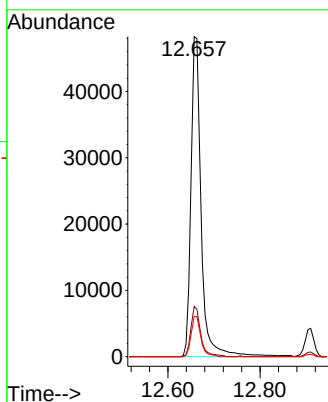
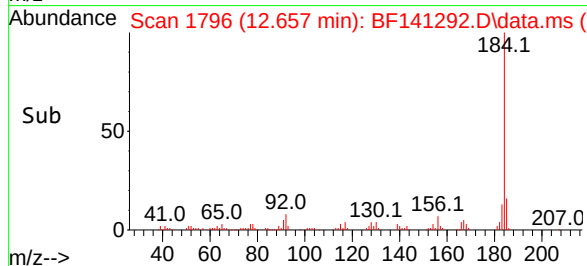
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 73918
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 12.6 9.5 14.3

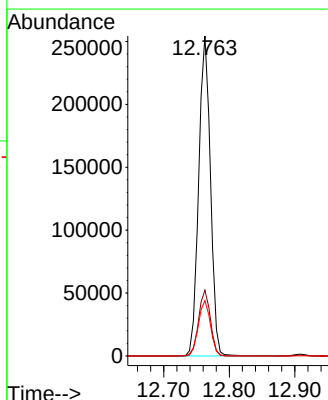
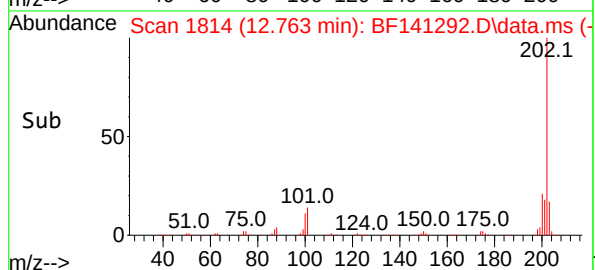
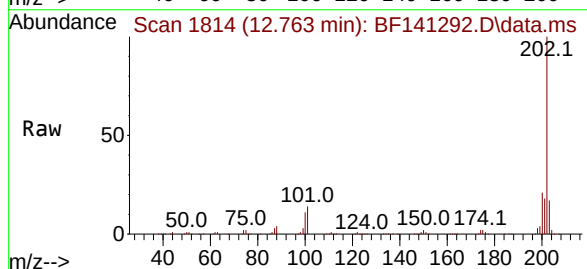
Manual Integrations
APPROVED

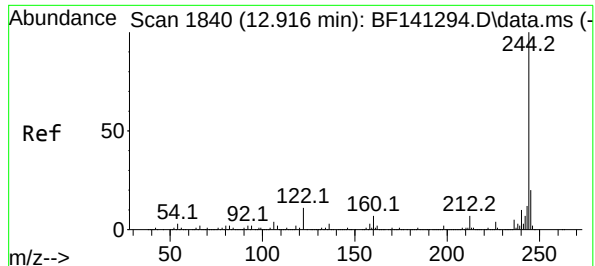
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#78
Pyrene
Concen: 10.681 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

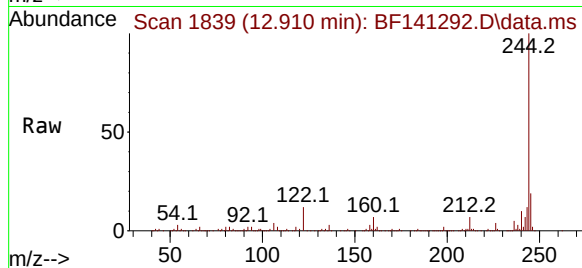
Tgt Ion:202 Resp: 317744
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 17.3 14.3 21.5





#79
Terphenyl-d14
Concen: 21.713 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

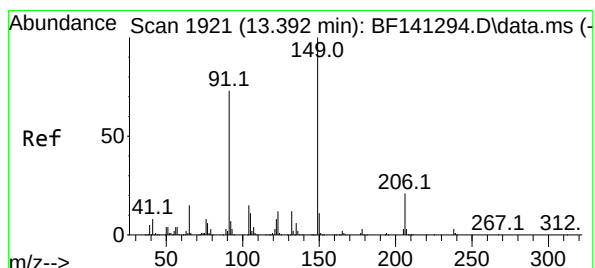
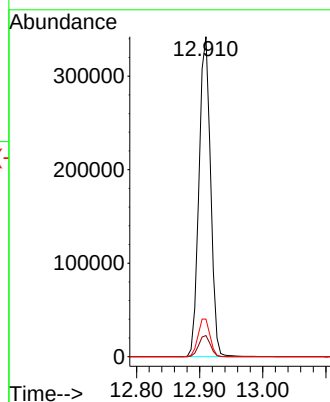
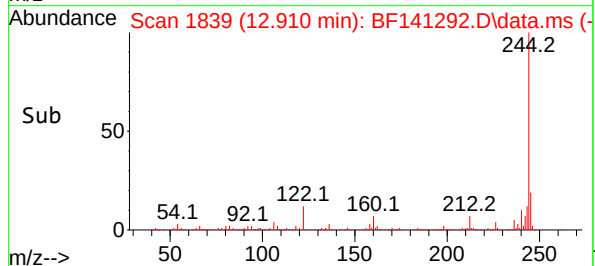
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 43478
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.7 8.8 13.2

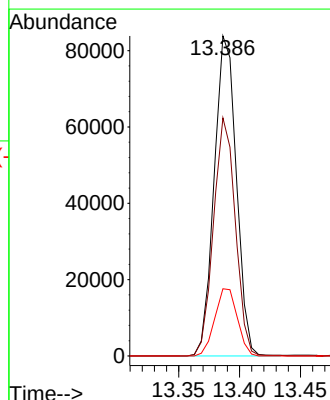
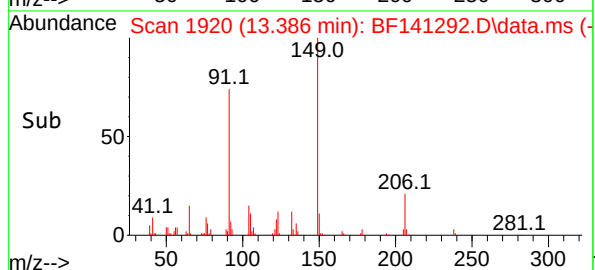
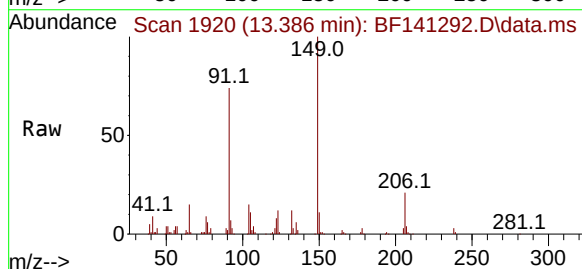
Manual Integrations
APPROVED

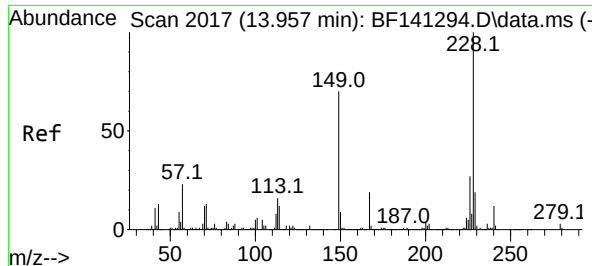
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#80
Butylbenzylphthalate
Concen: 10.349 ng
RT: 13.386 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

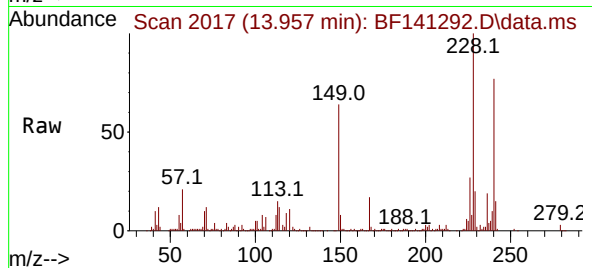
Tgt Ion:149 Resp: 106335
Ion Ratio Lower Upper
149 100
91 74.4 58.6 87.8
206 21.0 16.7 25.1





#81
Benzo(a)anthracene
Concen: 10.289 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

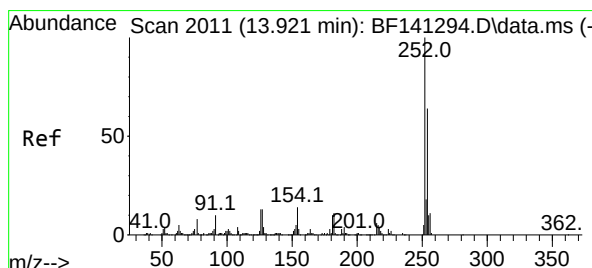
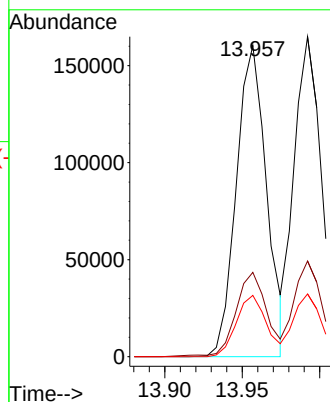
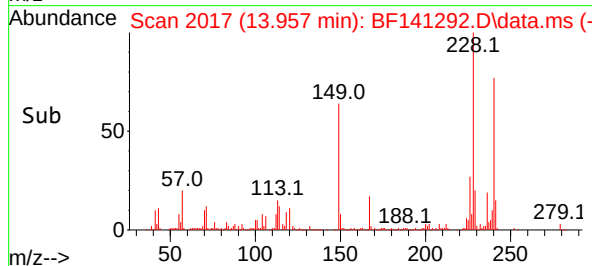
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 21729
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.7 15.5 23.3

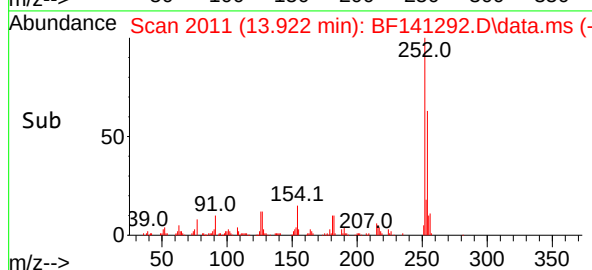
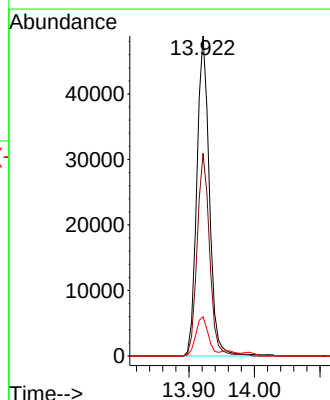
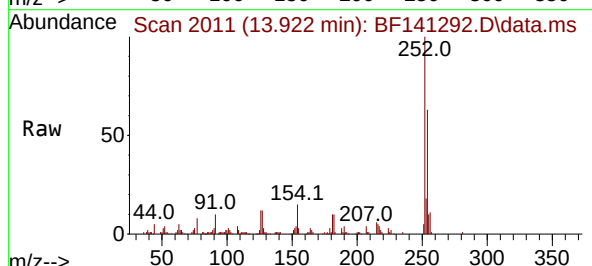
Manual Integrations
APPROVED

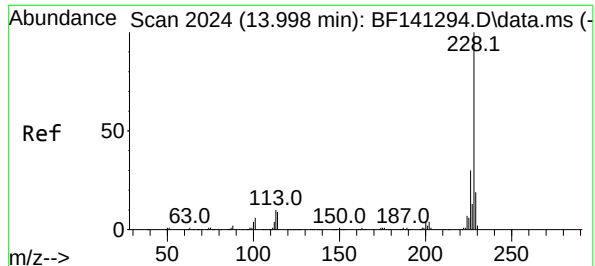
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.833 ng
RT: 13.922 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

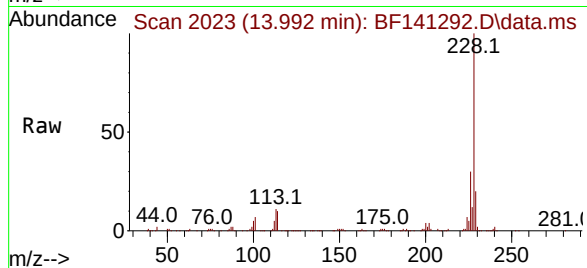
Tgt Ion:252 Resp: 65021
Ion Ratio Lower Upper
252 100
254 63.3 51.3 76.9
126 12.2 10.0 15.0





#83
Chrysene
Concen: 10.421 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

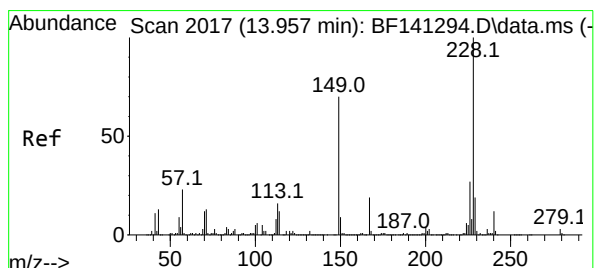
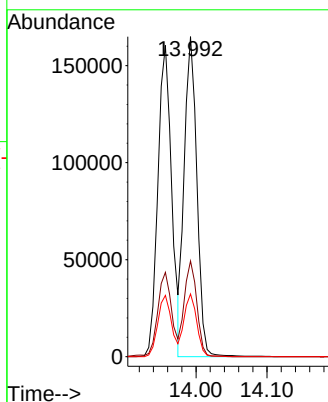
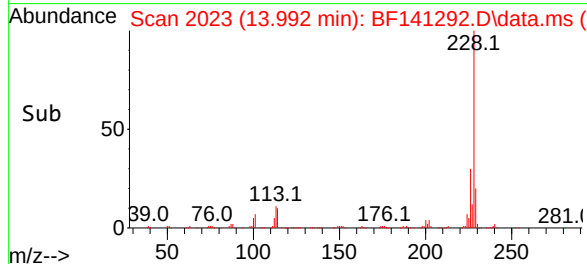
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 204080
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 19.6 15.6 23.4

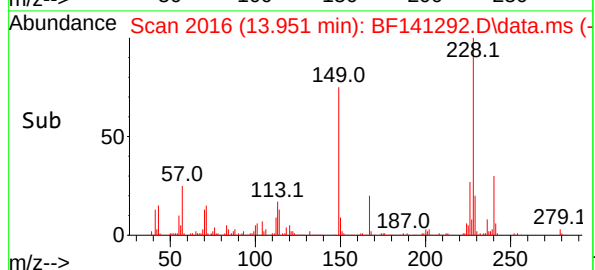
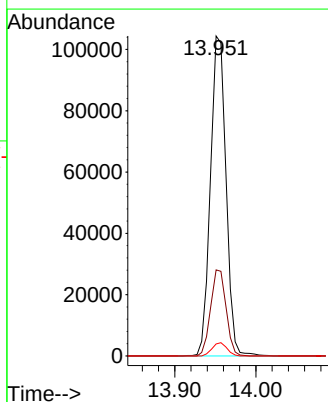
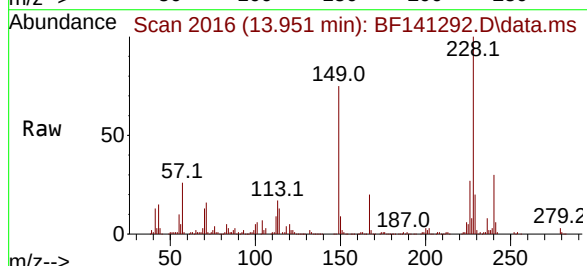
Manual Integrations
APPROVED

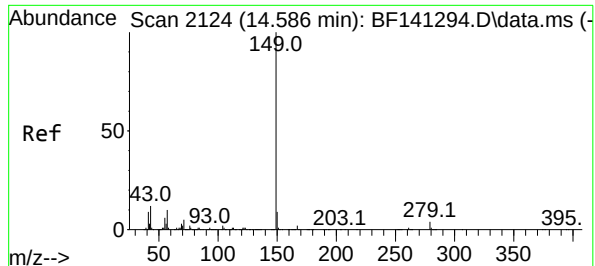
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.789 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

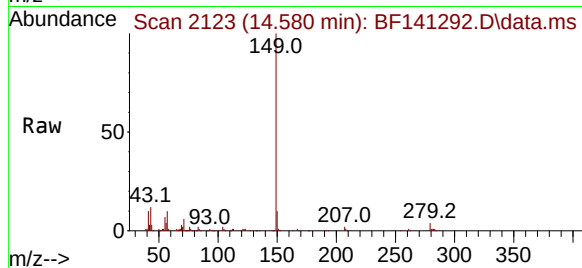
Tgt Ion:149 Resp: 139099
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 9.676 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

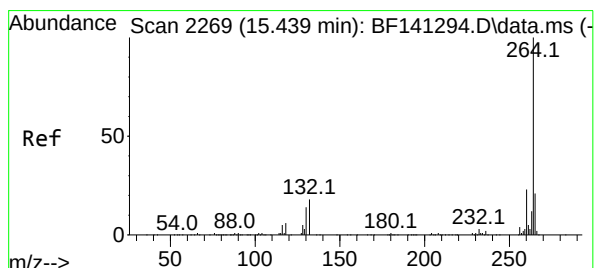
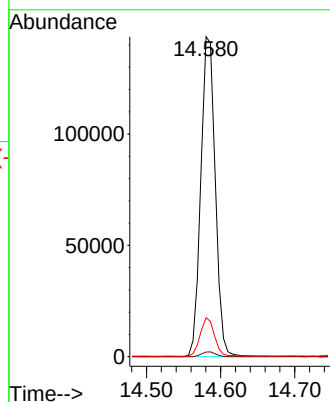
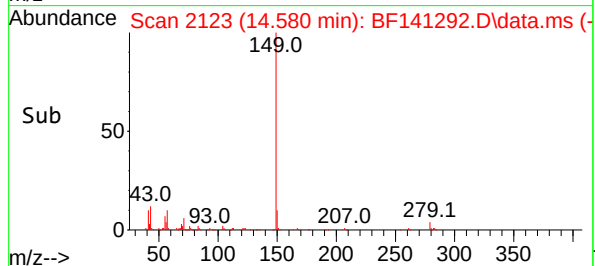
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 195129
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.8 9.8 14.8

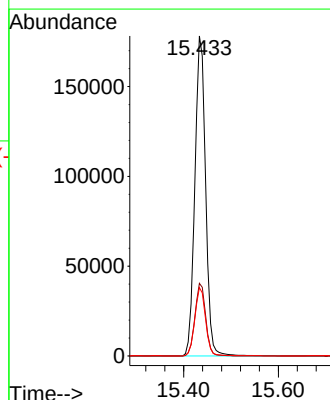
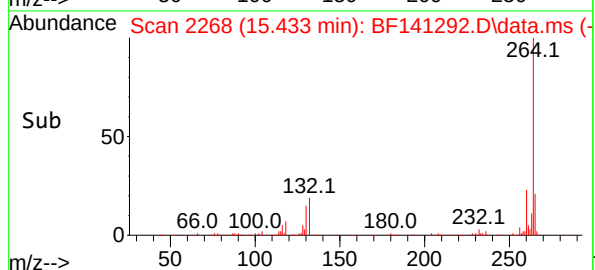
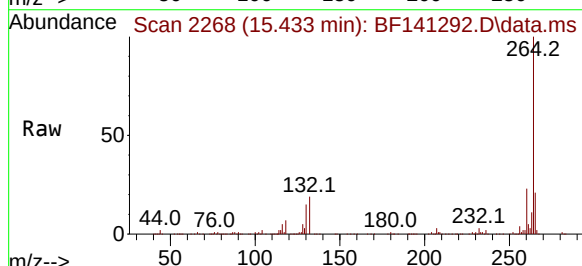
Manual Integrations
APPROVED

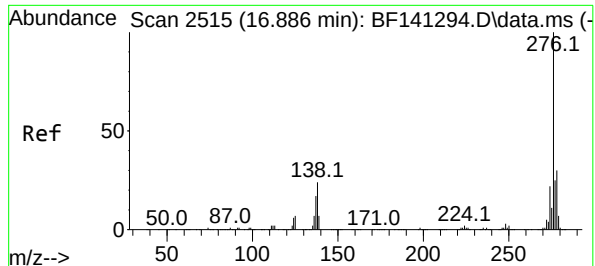
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:264 Resp: 280028
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 21.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.708 ng

RT: 16.874 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF141292.D

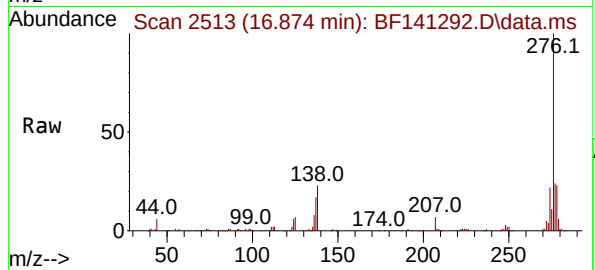
Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:276 Resp: 177554

Ion Ratio Lower Upper

276 100

138 27.1 21.7 32.5

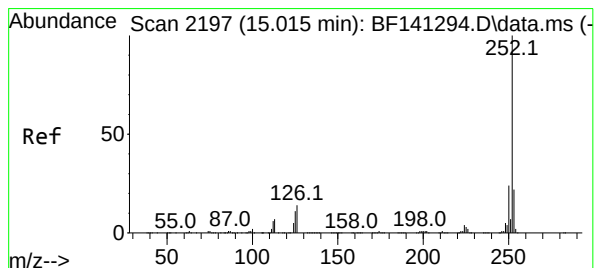
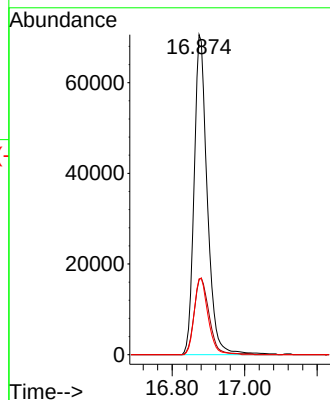
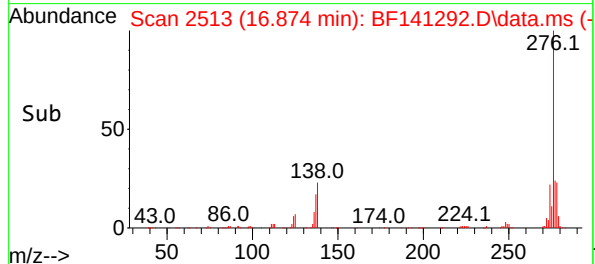
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#88

Benzo(b)fluoranthene

Concen: 11.130 ng

RT: 15.010 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

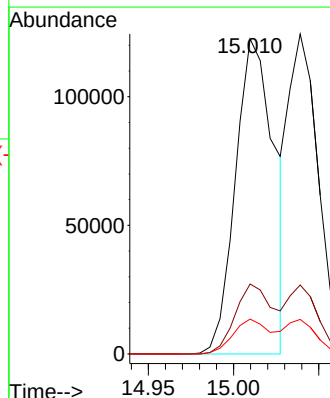
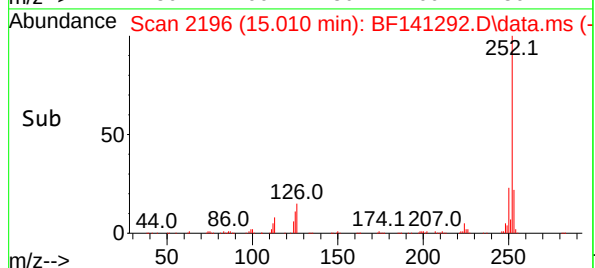
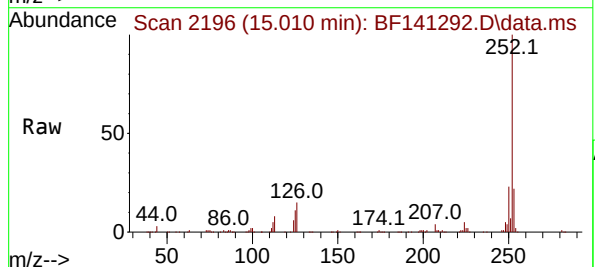
Tgt Ion:252 Resp: 193558

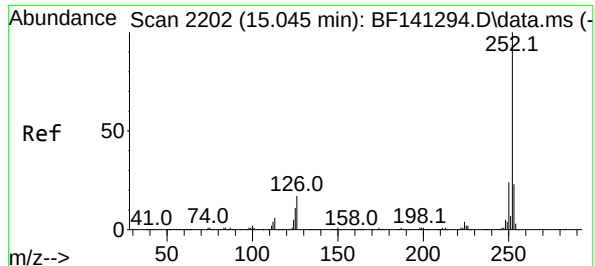
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 11.1 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 10.012 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

Instrument :

BNA_F

ClientSampleId :

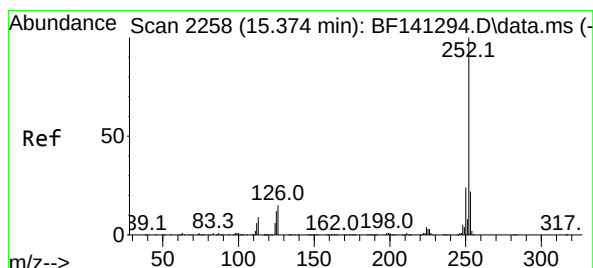
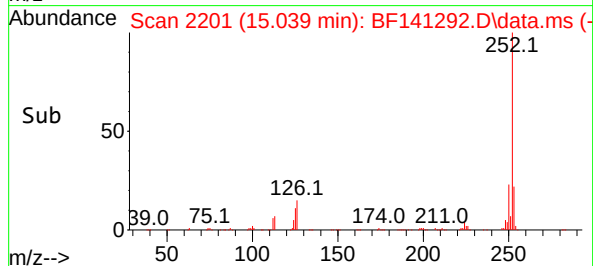
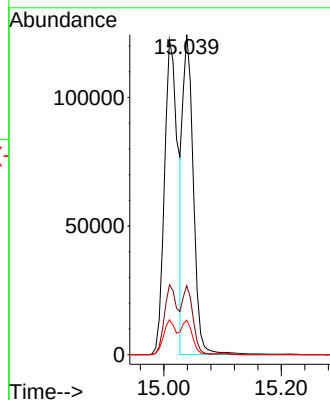
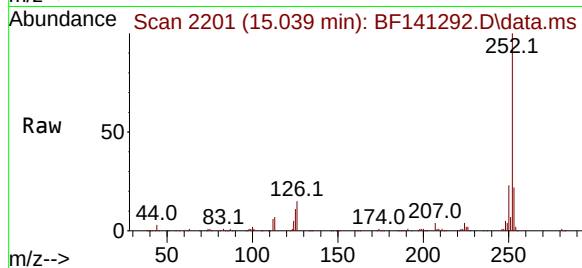
SSTDICC010

Tgt Ion:	252	Resp:	155925
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 9.972 ng

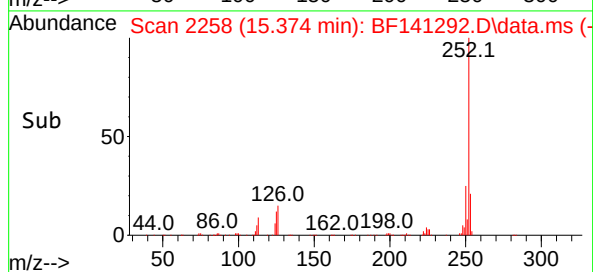
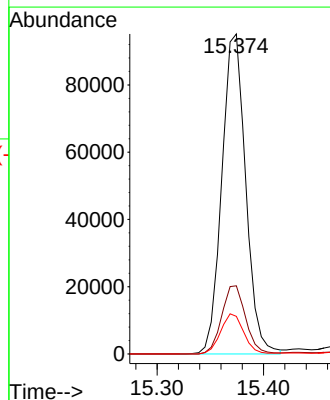
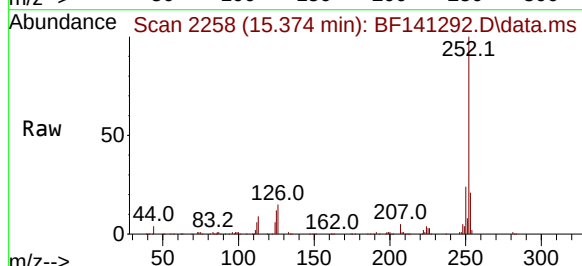
RT: 15.374 min Scan# 2258

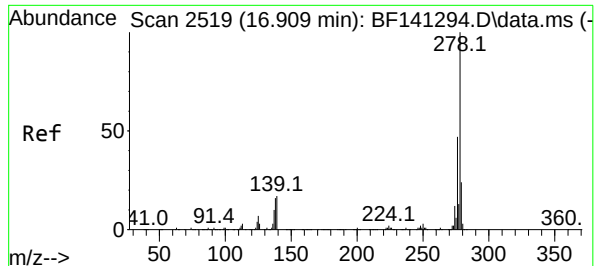
Delta R.T. 0.000 min

Lab File: BF141292.D

Acq: 29 Jan 2025 11:49

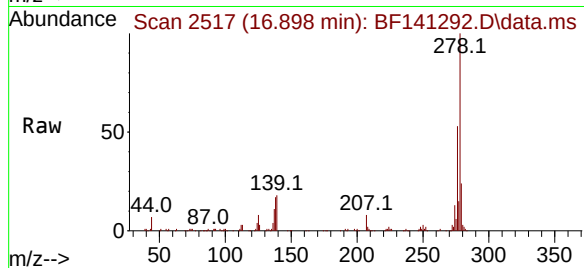
Tgt Ion:	252	Resp:	148214
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.2	25.8
125	11.7	9.4	14.2





#91
Dibenzo(a,h)anthracene
Concen: 9.559 ng
RT: 16.898 min Scan# 2519
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

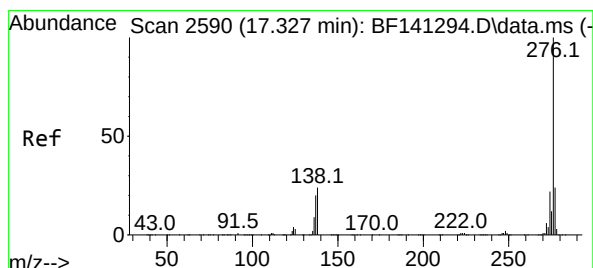
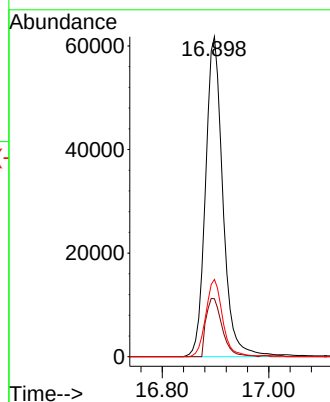
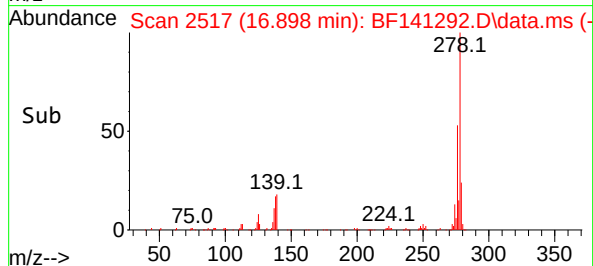
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



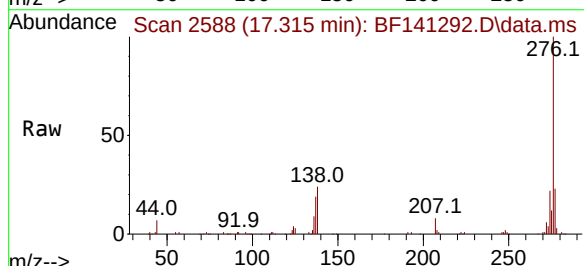
Tgt Ion: 278 Resp: 14014
Ion Ratio Lower Upper
278 100
139 18.1 13.9 20.9
279 24.2 18.8 28.2

Manual Integrations
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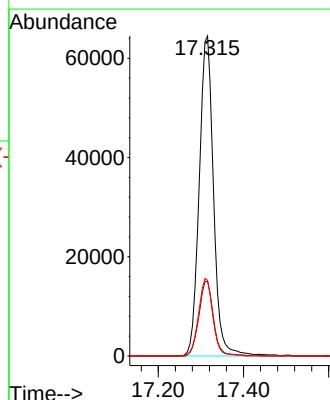
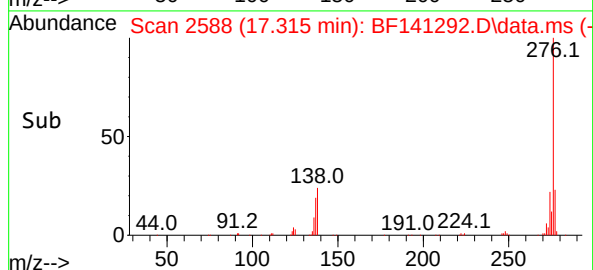
Reviewed By : Yogesh Patel 01/30/2025
Supervised By : mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 9.756 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49



Tgt Ion: 276 Resp: 150453
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 23.6 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141293.D
 Acq On : 29 Jan 2025 15:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293084	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	511320	20.000	ng	0.00
76) Chrysene-d12	13.974	240	314234	20.000	ng	0.00
86) Perylene-d12	15.457	264	289582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	382610	43.351	ng	0.00
7) Phenol-d6	6.422	99	475876	42.305	ng	0.00
23) Nitrobenzene-d5	7.357	82	432160	42.912	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	116167	43.498	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	819371	43.127	ng	0.00
79) Terphenyl-d14	12.916	244	860956	42.159	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	81467	20.794	ng	98
3) Pyridine	3.210	79	197852	21.116	ng	99
4) n-Nitrosodimethylamine	3.152	42	112451	20.957	ng	98
6) Aniline	6.457	93	210459	22.385	ng	99
8) 2-Chlorophenol	6.581	128	203008	21.418	ng	96
9) Benzaldehyde	6.345	77	150675	23.065	ng	100
10) Phenol	6.434	94	257179	21.611	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	194572	21.260	ng	98
12) 1,3-Dichlorobenzene	6.739	146	224880	21.512	ng	99
13) 1,4-Dichlorobenzene	6.816	146	226376	21.503	ng	99
14) 1,2-Dichlorobenzene	6.969	146	213616	21.714	ng	99
15) Benzyl Alcohol	6.934	79	166008	21.602	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	340590	21.420	ng	100
17) 2-Methylphenol	7.045	107	165188	21.525	ng	99
18) Hexachloroethane	7.310	117	83193	21.359	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140874	21.058	ng	99
20) 3+4-Methylphenols	7.198	107	205070	21.734	ng	96
22) Acetophenone	7.204	105	275680	21.825	ng	100
24) Nitrobenzene	7.381	77	224061	21.451	ng	98
25) Isophorone	7.616	82	369998	21.259	ng	99
26) 2-Nitrophenol	7.698	139	106287	21.725	ng	98
27) 2,4-Dimethylphenol	7.734	122	132748m	21.233	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	237369	21.403	ng	98
29) 2,4-Dichlorophenol	7.934	162	166153	21.750	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	188468	21.511	ng	99
31) Naphthalene	8.104	128	607622	21.681	ng	100
32) Benzoic acid	7.816	122	126734	22.321	ng	99
33) 4-Chloroaniline	8.151	127	208531	22.151	ng	99
34) Hexachlorobutadiene	8.222	225	111274	21.699	ng	97
35) Caprolactam	8.498	113	54280	21.968	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	177981	21.708	ng	99
37) 2-Methylnaphthalene	8.792	142	386035	21.630	ng	100
38) 1-Methylnaphthalene	8.892	142	378878	21.671	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	176736	21.209	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51112	20.438	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	114390	21.029	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141293.D
 Acq On : 29 Jan 2025 15:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

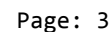
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	125725	21.245	ng	98
46) 1,1'-Biphenyl	9.257	154	483479	21.145	ng	100
47) 2-Chloronaphthalene	9.281	162	377946	21.282	ng	99
48) 2-Nitroaniline	9.375	65	119359	21.310	ng	98
49) Acenaphthylene	9.698	152	531957	21.328	ng	99
50) Dimethylphthalate	9.557	163	423377	21.542	ng	100
51) 2,6-Dinitrotoluene	9.622	165	97622	21.345	ng	96
52) Acenaphthene	9.869	154	378511	21.328	ng	99
53) 3-Nitroaniline	9.786	138	100085	22.123	ng	98
54) 2,4-Dinitrophenol	9.892	184	40003	18.557	ng	# 86
55) Dibenzofuran	10.039	168	514223	21.665	ng	100
56) 4-Nitrophenol	9.945	139	73425	22.607	ng	97
57) 2,4-Dinitrotoluene	10.022	165	129942	22.027	ng	98
58) Fluorene	10.386	166	396520	21.488	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99841	21.354	ng	99
60) Diethylphthalate	10.257	149	413889	21.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	193134	21.446	ng	99
62) 4-Nitroaniline	10.398	138	96692	22.250	ng	98
63) Azobenzene	10.539	77	407492	21.358	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	62572	20.492	ng	97
66) n-Nitrosodiphenylamine	10.498	169	344387	20.773	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	119844	20.967	ng	98
68) Hexachlorobenzene	10.933	284	126823	20.917	ng	99
69) Atrazine	11.022	200	109133	19.627	ng	99
70) Pentachlorophenol	11.127	266	74508	20.958	ng	98
71) Phenanthrene	11.351	178	584027	21.262	ng	100
72) Anthracene	11.398	178	572743	21.377	ng	100
73) Carbazole	11.557	167	522100	22.000	ng	99
74) Di-n-butylphthalate	11.892	149	636521	22.251	ng	100
75) Fluoranthene	12.539	202	611492	22.808	ng	100
77) Benzidine	12.663	184	65963	6.904	ng	99
78) Pyrene	12.769	202	629228	20.739	ng	99
80) Butylbenzylphthalate	13.392	149	232095	22.149	ng	99
81) Benzo(a)anthracene	13.968	228	456535	21.197	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	134298	19.914	ng	99
83) Chrysene	14.004	228	421849	21.122	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	300546	22.857	ng	99
85) Di-n-octyl phthalate	14.604	149	451748	21.964	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	387089	20.466	ng	99
88) Benzo(b)fluoranthene	15.033	252	384557	21.383	ng	99
89) Benzo(k)fluoranthene	15.062	252	368801	22.900	ng	99
90) Benzo(a)pyrene	15.392	252	327630	21.317	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	318776	21.026	ng	100
92) Benzo(g,h,i)perylene	17.345	276	329876	20.684	ng	100

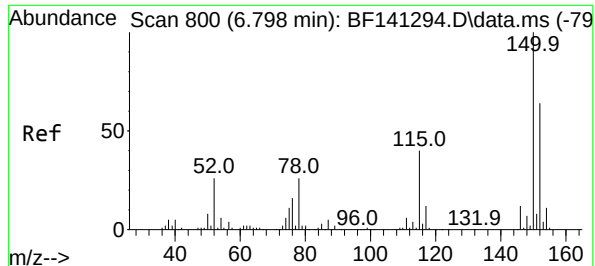
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

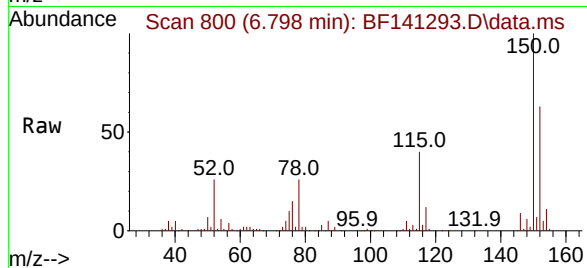
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

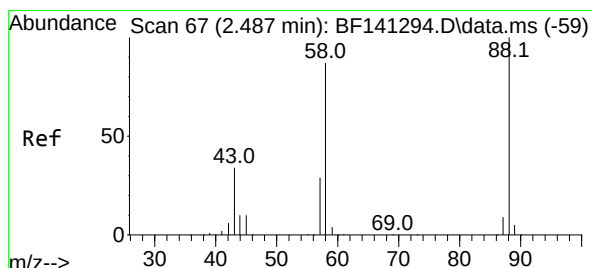
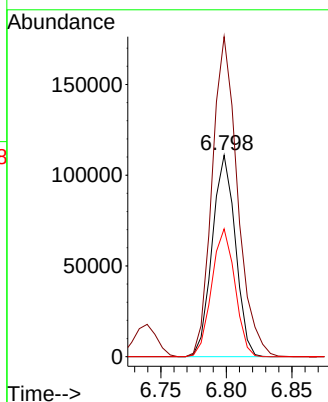
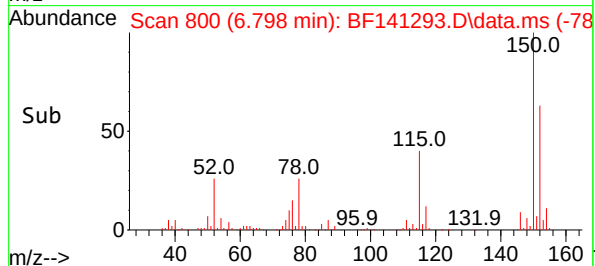
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 13649
Ion Ratio Lower Upper
152 100
150 158.9 125.9 188.9
115 63.5 49.7 74.5

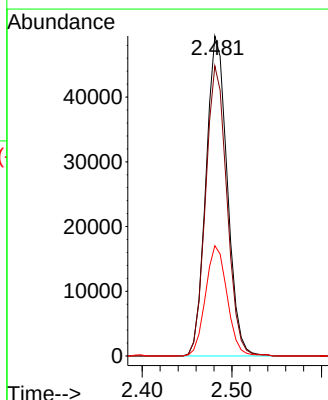
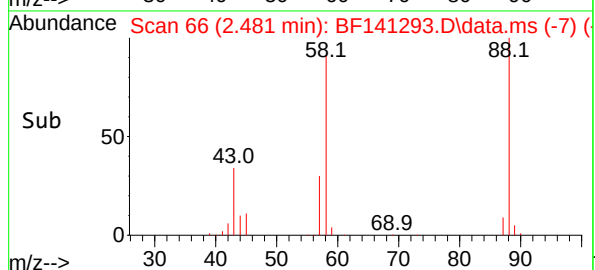
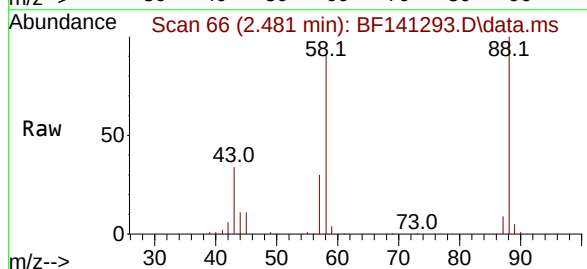
Manual Integrations
APPROVED

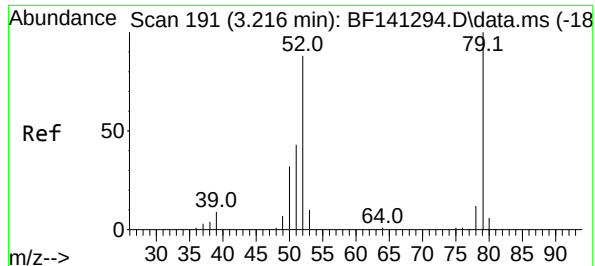
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 20.794 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

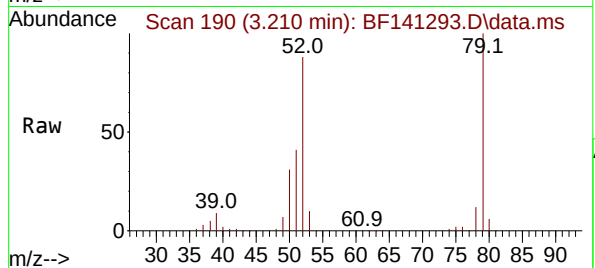
Tgt Ion: 88 Resp: 81467
Ion Ratio Lower Upper
88 100
58 90.4 70.2 105.4
43 35.0 27.6 41.4





#3
Pyridine
Concen: 21.116 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

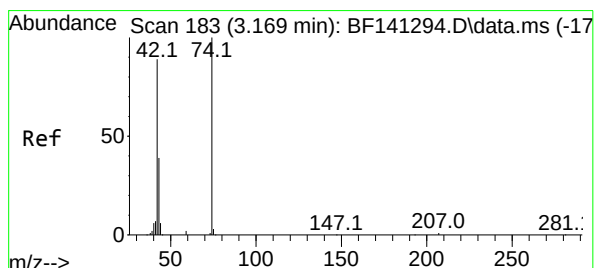
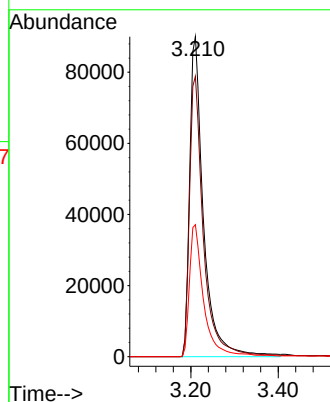
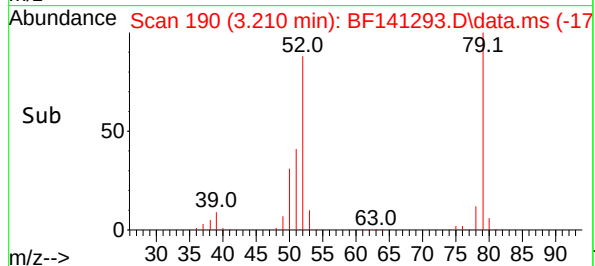
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



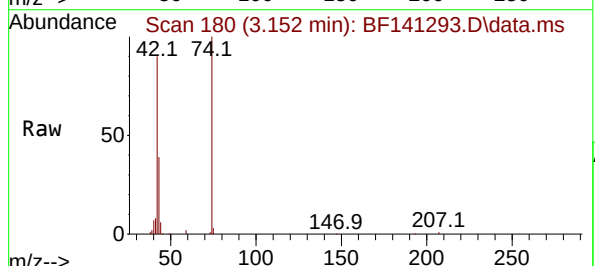
Tgt Ion: 79 Resp: 19785
Ion Ratio Lower Upper
79 100
52 87.6 70.3 105.5
51 41.2 34.3 51.5

Manual Integrations
APPROVED

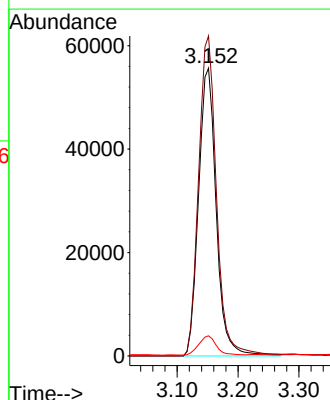
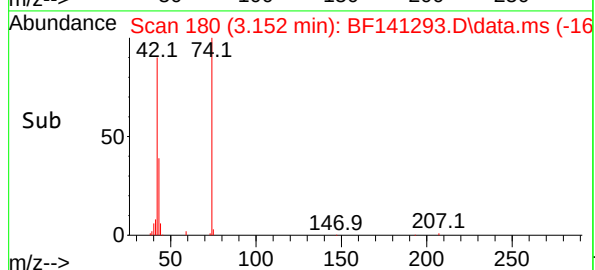
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

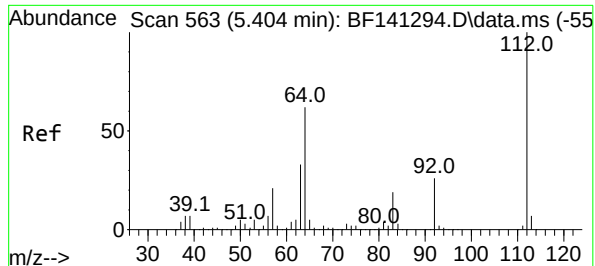


#4
n-Nitrosodimethylamine
Concen: 20.957 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



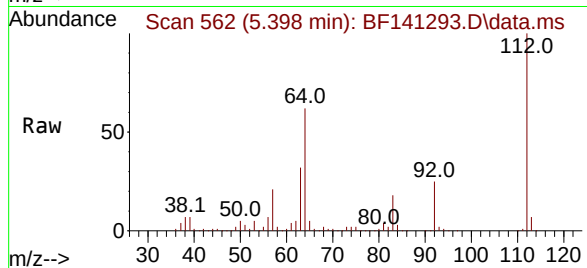
Tgt Ion: 42 Resp: 112451
Ion Ratio Lower Upper
42 100
74 111.2 90.3 135.5
44 7.0 5.7 8.5





#5
2-Fluorophenol
Concen: 43.351 ng
RT: 5.398 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

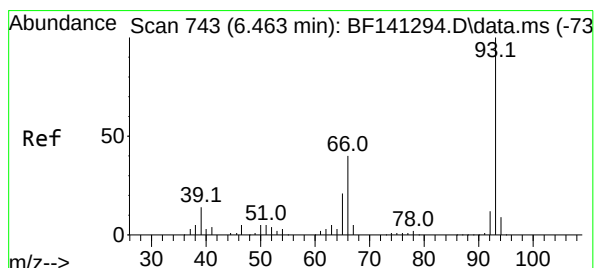
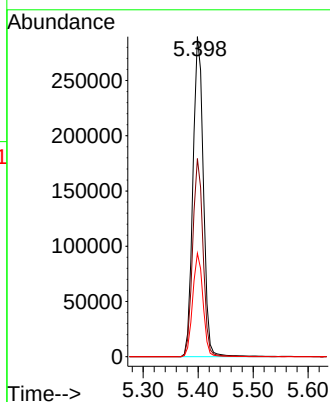
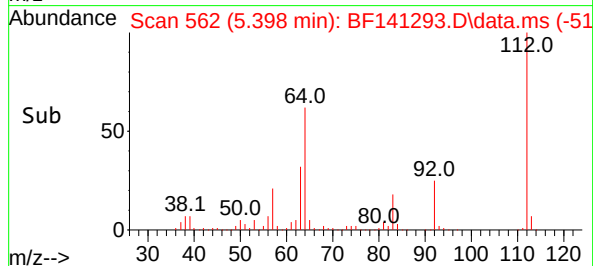
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 382610
Ion Ratio Lower Upper
112 100
64 61.9 49.8 74.8
63 32.3 26.1 39.1

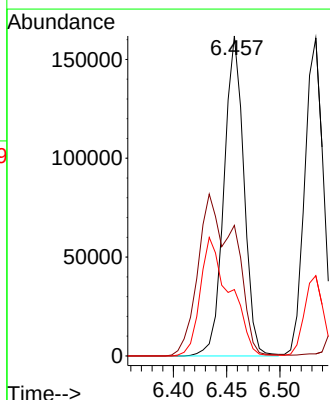
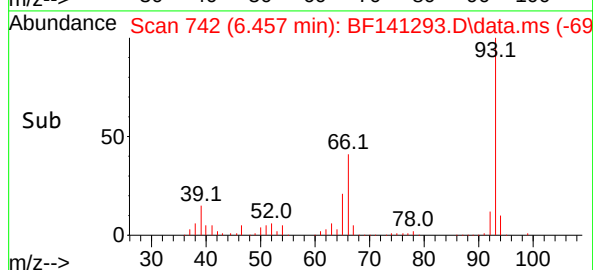
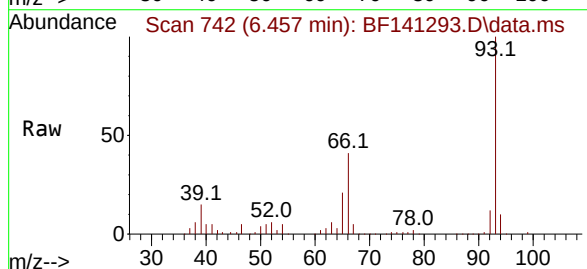
Manual Integrations
APPROVED

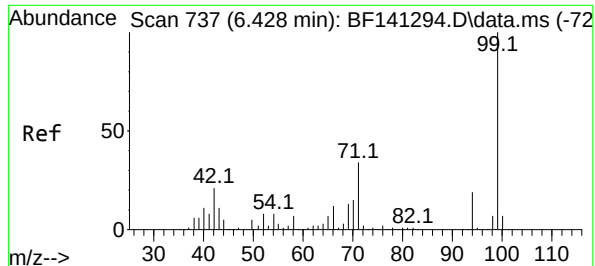
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 22.385 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 210459
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.7 17.0 25.6





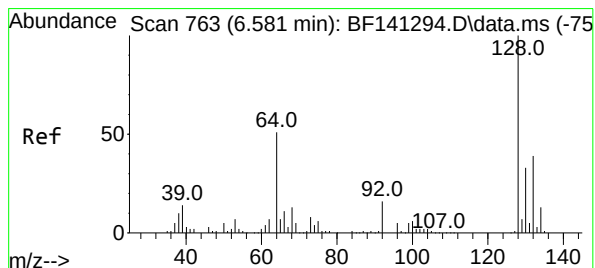
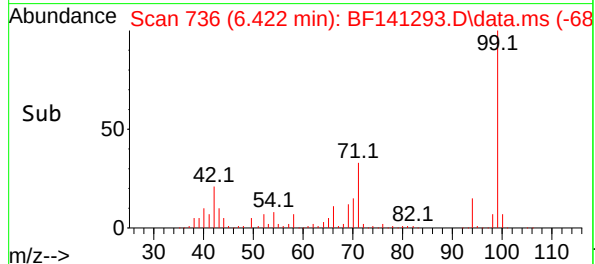
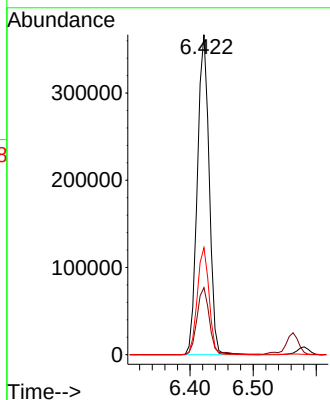
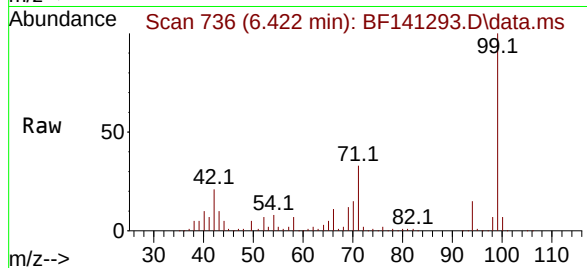
#7
Phenol-d6
Concen: 42.305 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 475870
Ion Ratio Lower Upper
99 100
42 20.9 17.1 25.7
71 33.5 26.9 40.3

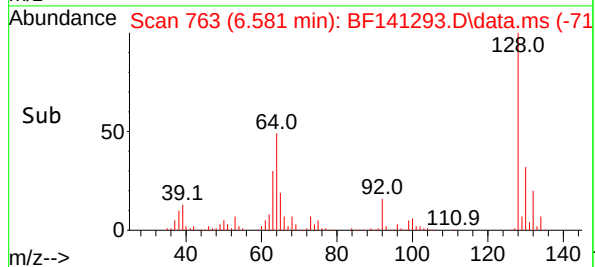
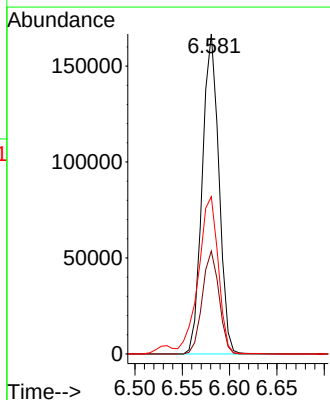
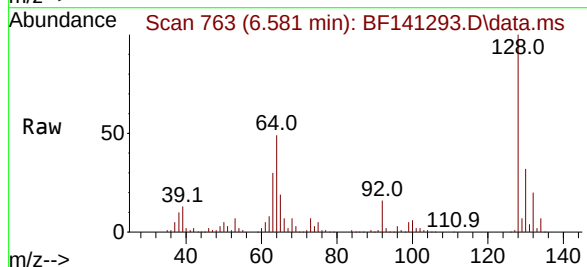
Manual Integrations
APPROVED

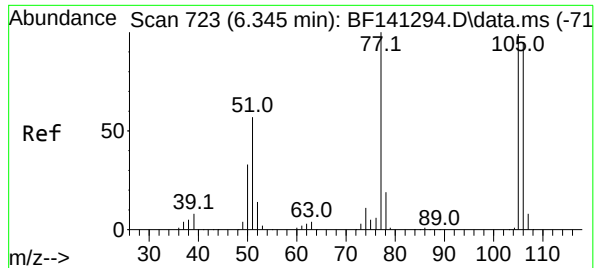
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 21.418 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:128 Resp: 203008
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 49.1 32.9 72.9





#9

Benzaldehyde

Concen: 23.065 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 150679

Ion Ratio Lower Upper

77 100

105 99.7 79.4 119.4

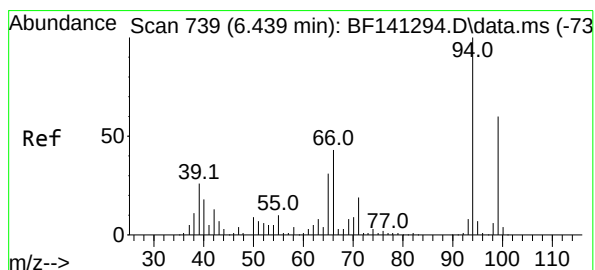
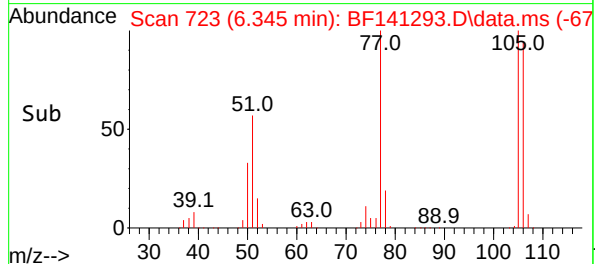
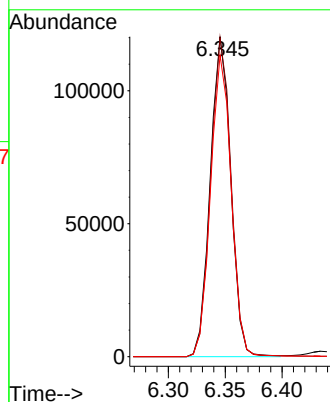
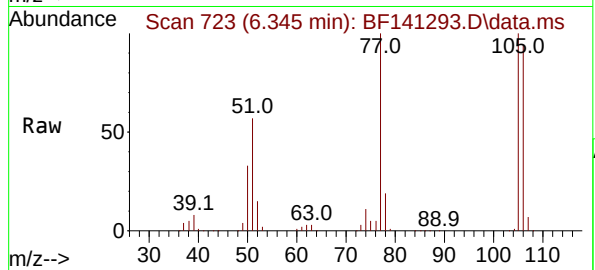
106 94.2 74.6 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#10

Phenol

Concen: 21.611 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

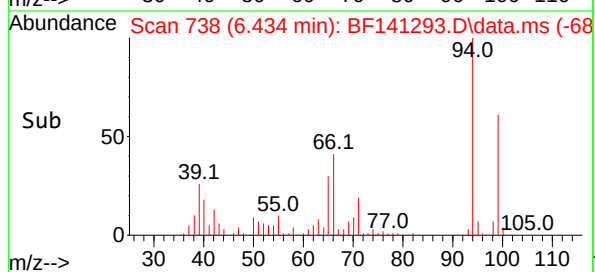
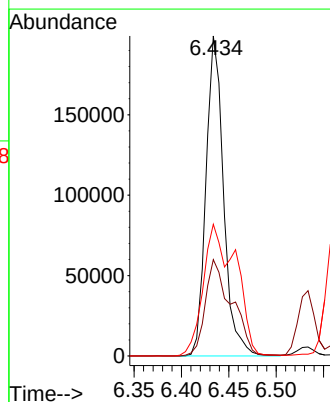
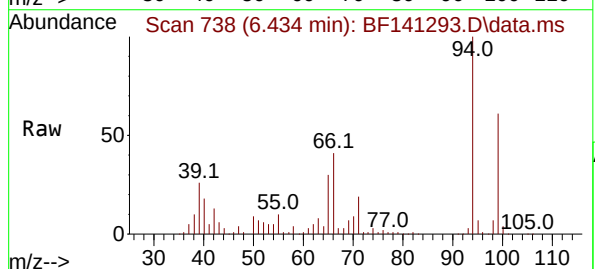
Tgt Ion: 94 Resp: 257179

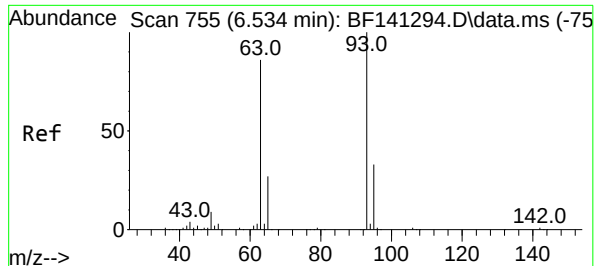
Ion Ratio Lower Upper

94 100

65 30.1 10.8 50.8

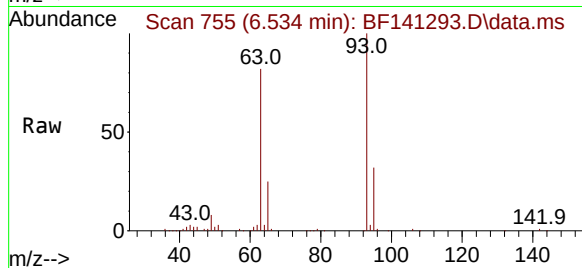
66 41.1 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 21.260 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

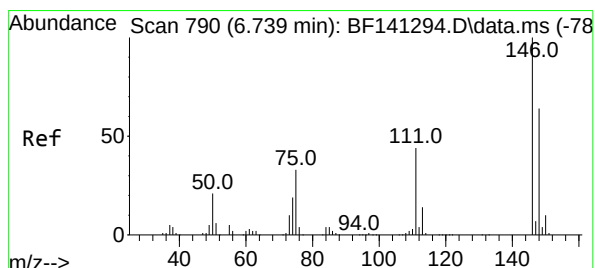
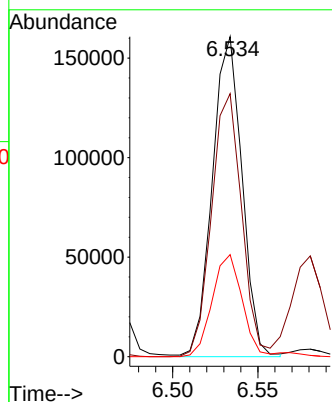
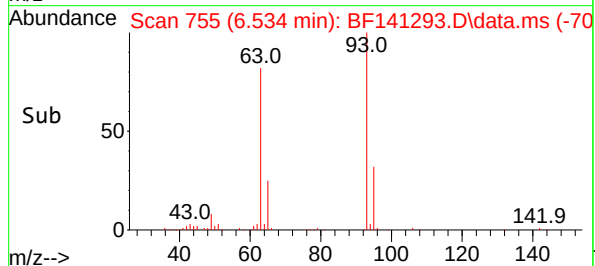
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 93 Resp: 194572
Ion Ratio Lower Upper
93 100
63 82.2 65.0 105.0
95 31.9 12.4 52.4

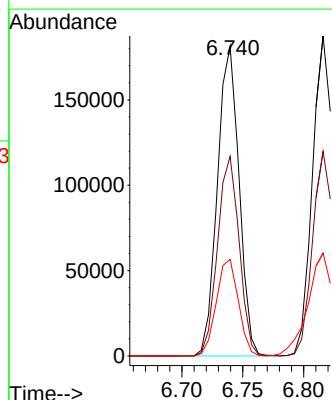
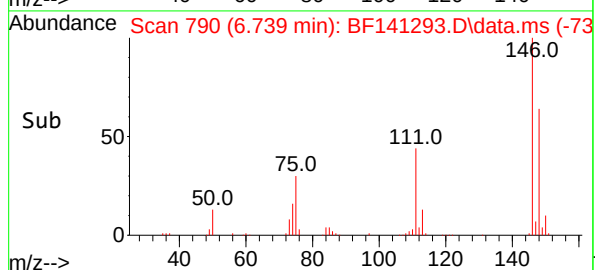
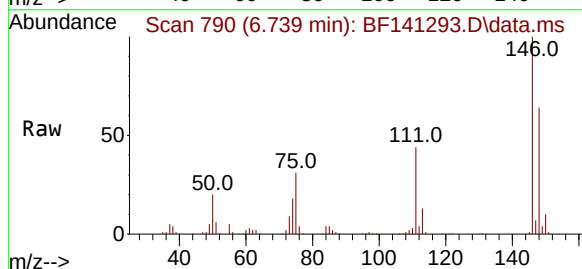
Manual Integrations
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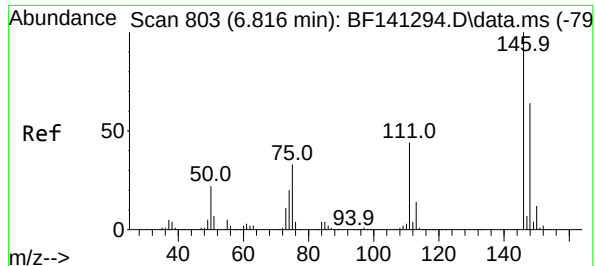
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 21.512 ng
RT: 6.739 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 224880
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 31.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 21.503 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 226370

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

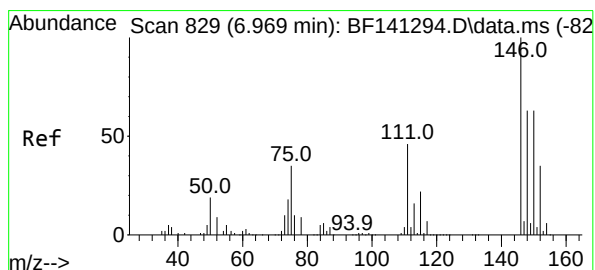
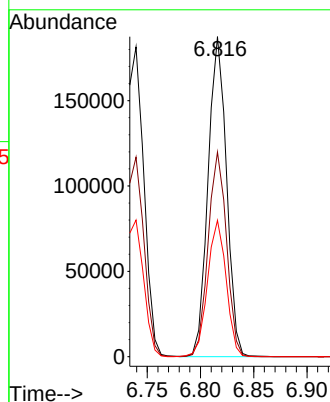
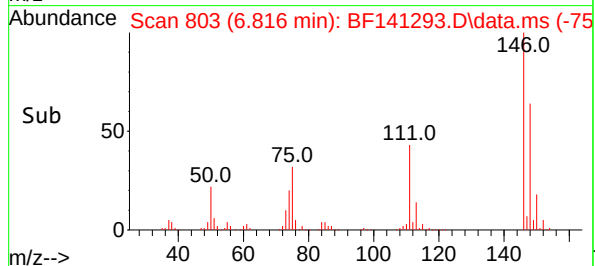
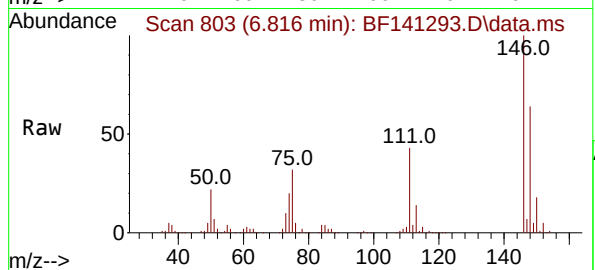
111 42.6 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 21.714 ng

RT: 6.969 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

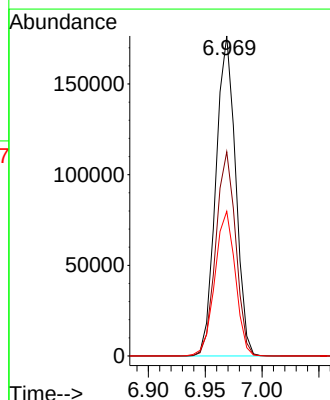
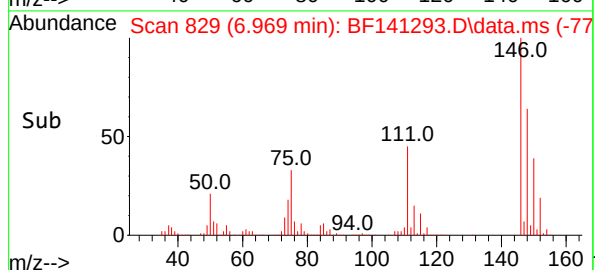
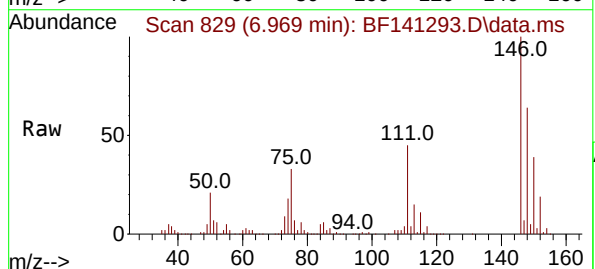
Tgt Ion:146 Resp: 213616

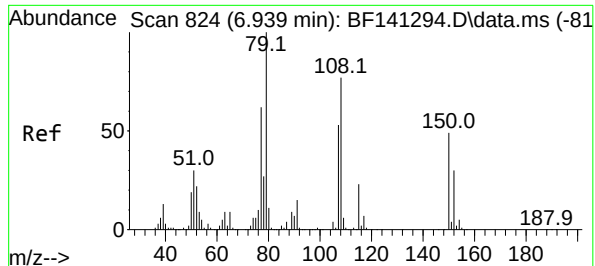
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

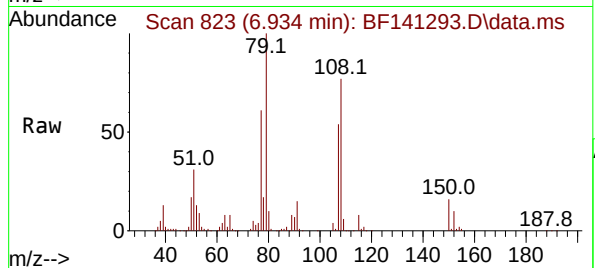
111 45.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 21.602 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

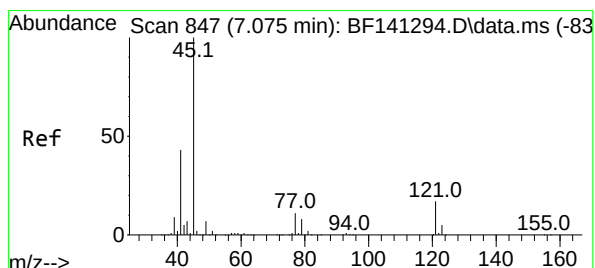
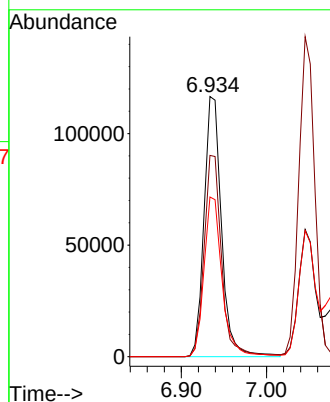
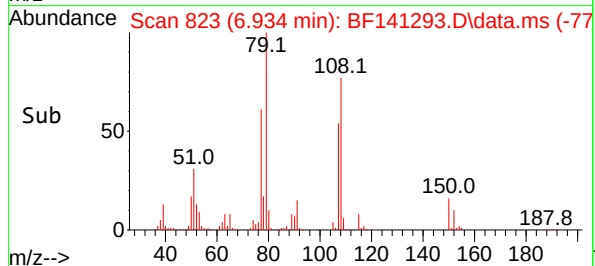
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 166008
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 61.4 49.9 74.9

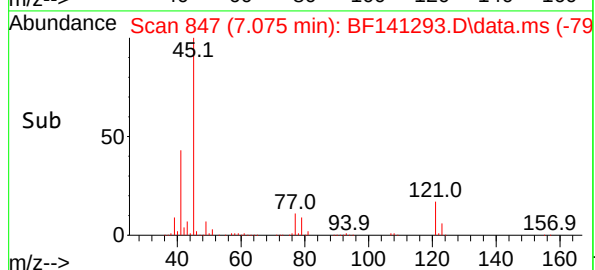
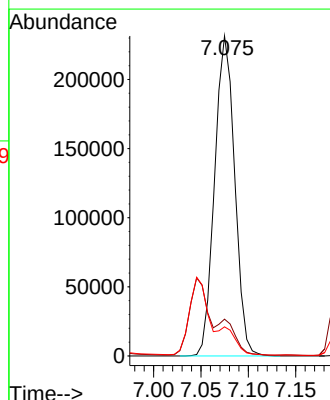
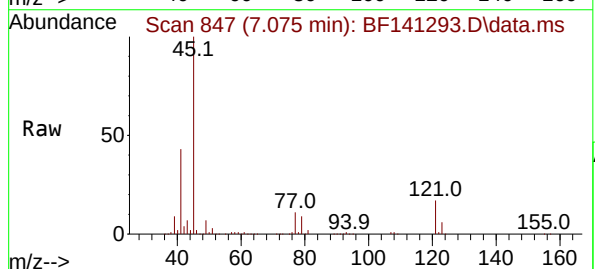
Manual Integrations
APPROVED

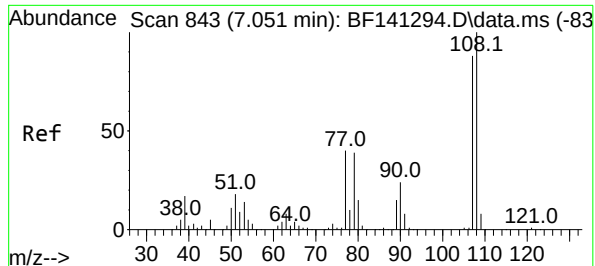
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.420 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

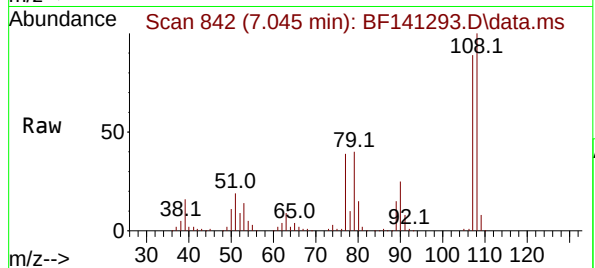
Tgt Ion: 45 Resp: 340590
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 9.1 0.0 29.1





#17
2-Methylphenol
Concen: 21.525 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

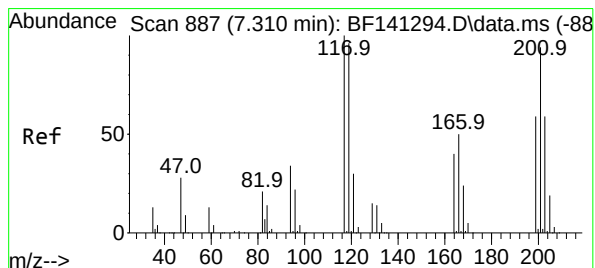
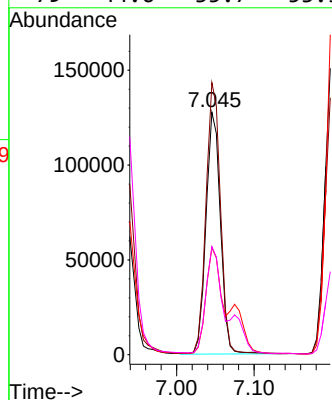
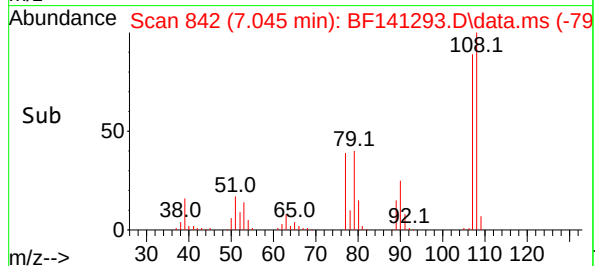
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 16518
Ion Ratio Lower Upper
107 100
108 112.2 90.8 136.2
77 44.2 36.2 54.4
79 44.6 35.7 53.5

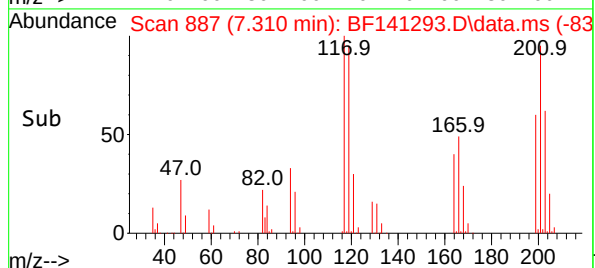
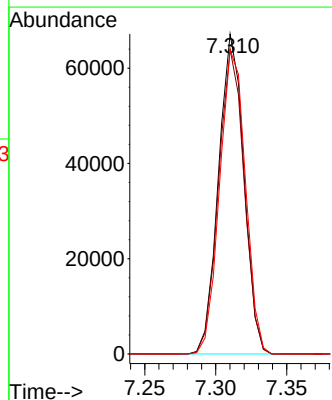
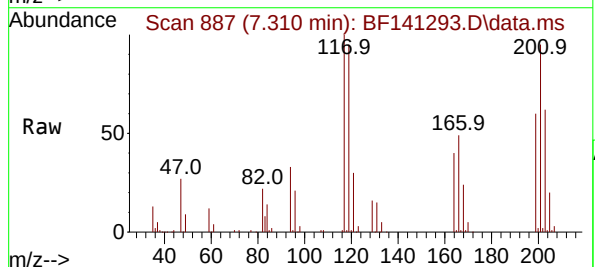
Manual Integrations
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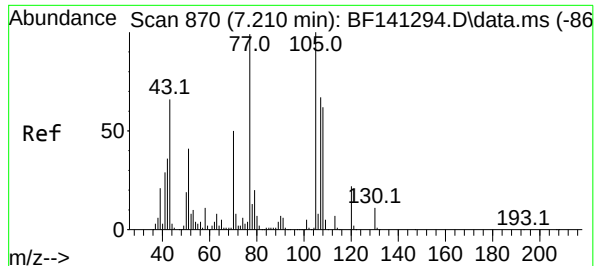
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 21.359 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:117 Resp: 83193
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8
201 95.1 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 21.058 ng

RT: 7.204 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 140874

Ion Ratio Lower Upper

70 100

42 69.9 56.8 85.2

101 10.1 7.7 11.5

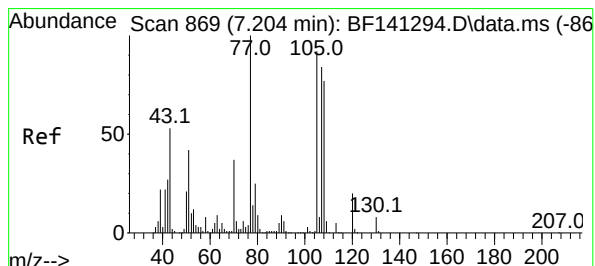
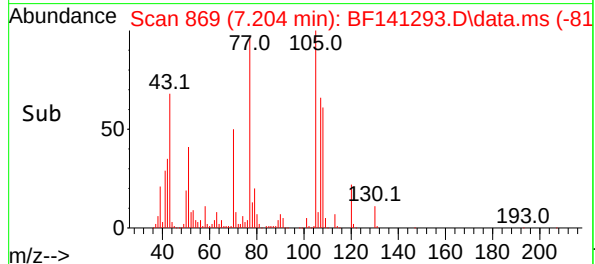
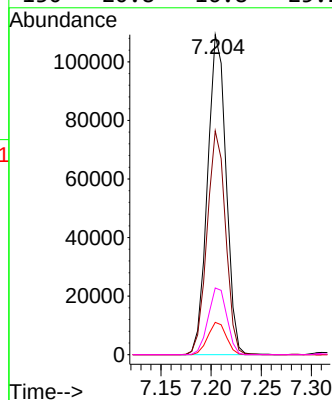
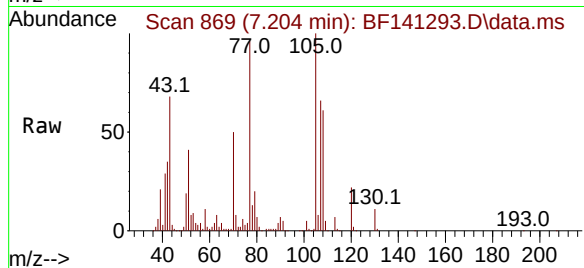
130 20.8 16.8 25.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

Concen: 21.734 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 205070

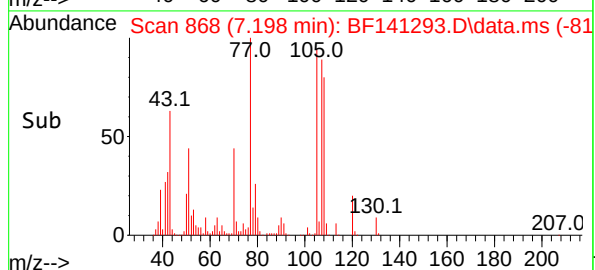
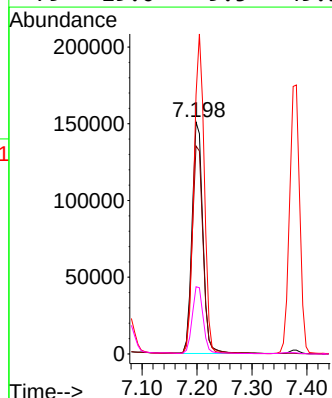
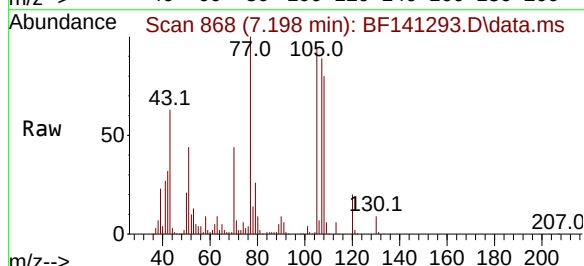
Ion Ratio Lower Upper

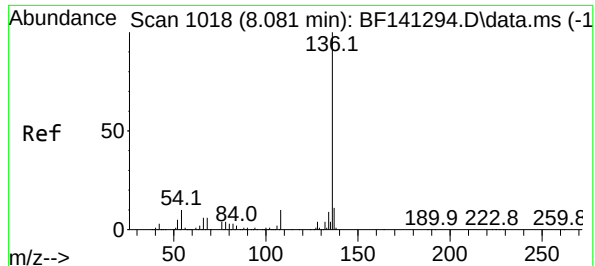
107 100

108 89.7 70.9 110.9

77 111.7 98.5 138.5

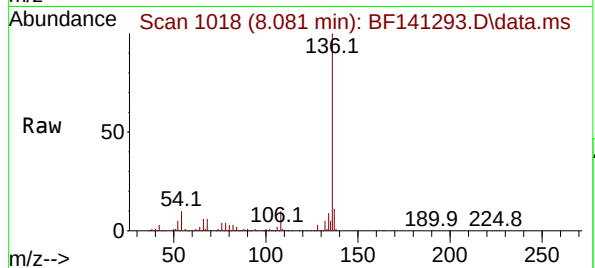
79 29.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

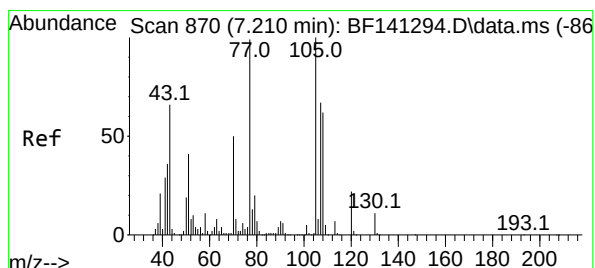
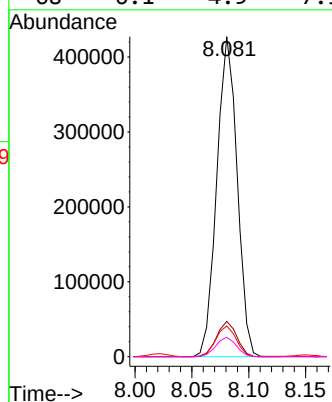
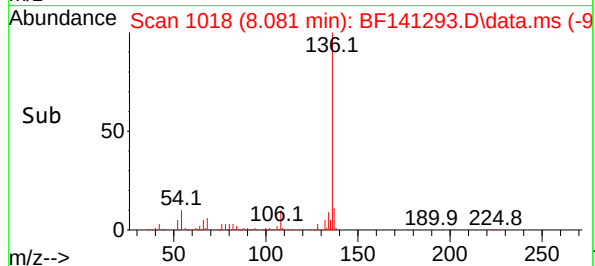
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



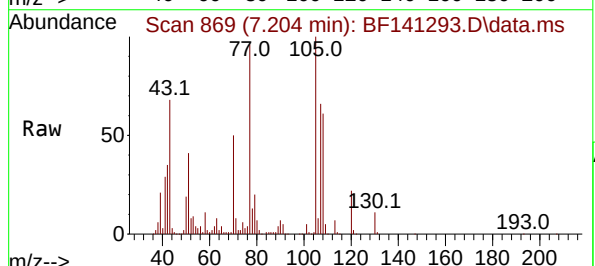
Tgt Ion:136 Resp: 532862
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.8 11.8
68 6.1 4.9 7.3

Manual Integrations
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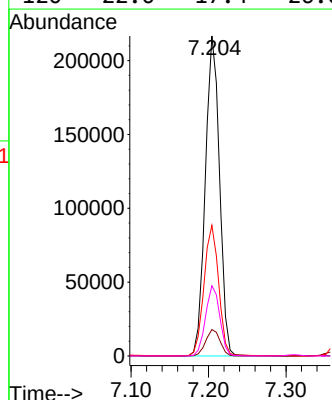
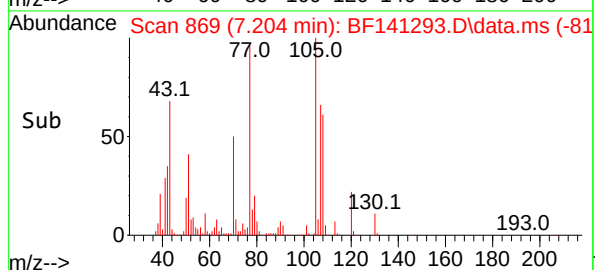
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

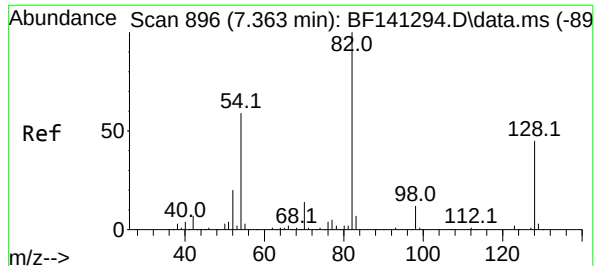


#22
Acetophenone
Concen: 21.825 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:105 Resp: 275680
Ion Ratio Lower Upper
105 100
71 8.2 6.8 10.2
51 40.8 32.6 49.0
120 22.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 42.912 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 432160

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

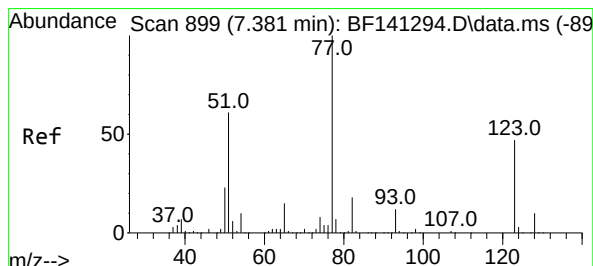
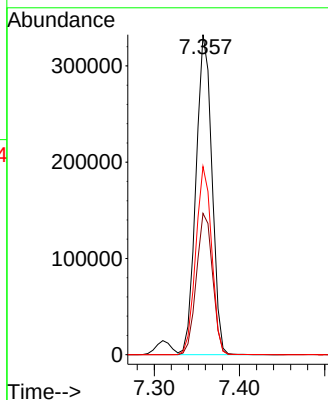
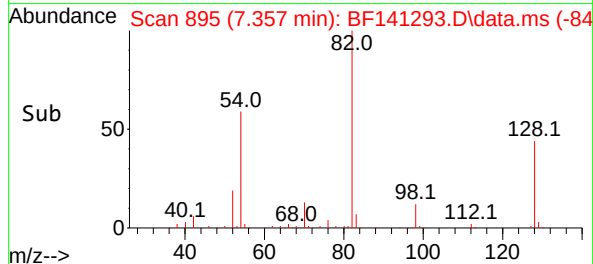
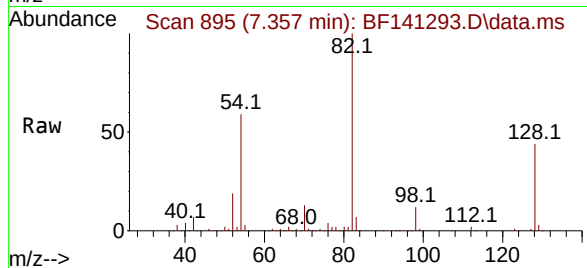
54 58.8 47.1 70.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 21.451 ng

RT: 7.381 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

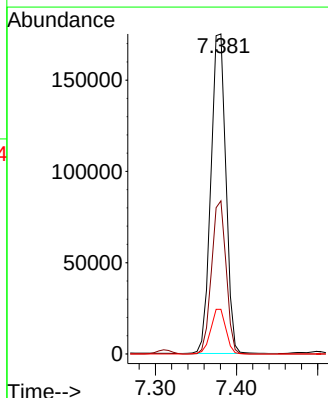
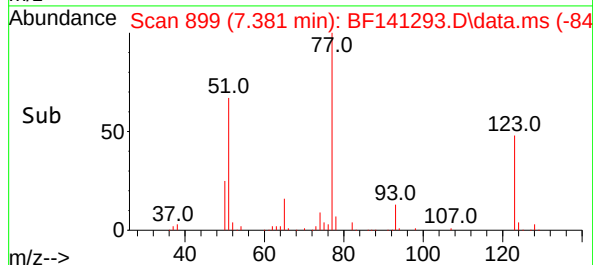
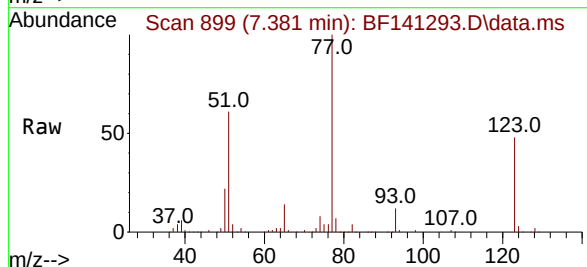
Tgt Ion: 77 Resp: 224061

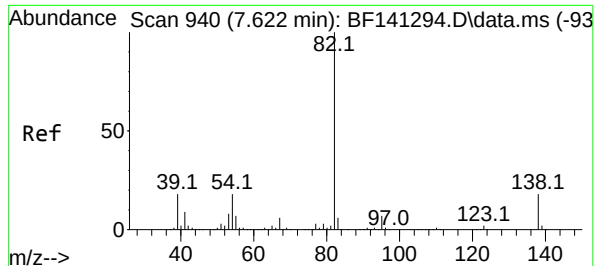
Ion Ratio Lower Upper

77 100

123 47.8 37.3 55.9

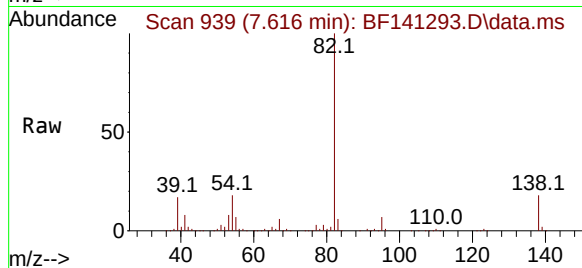
65 13.9 11.8 17.6





#25
Isophorone
Concen: 21.259 ng
RT: 7.616 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

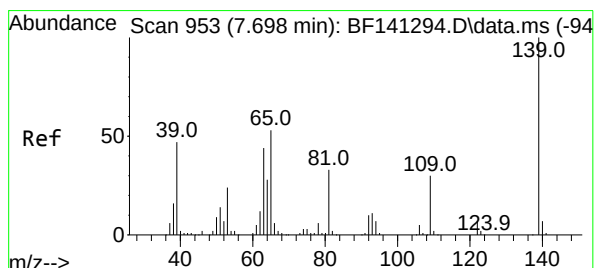
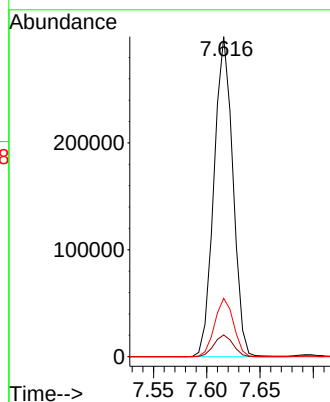
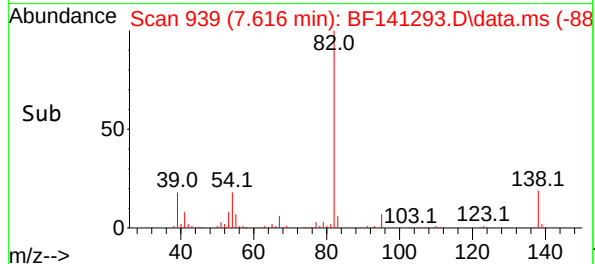
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 82 Resp: 369998
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.2 14.7 22.1

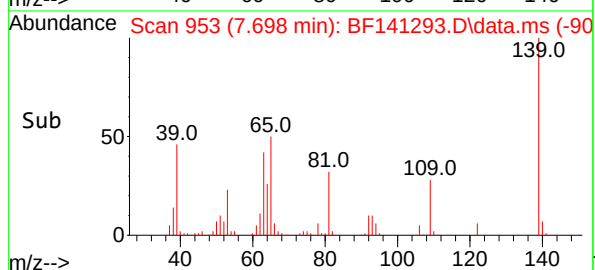
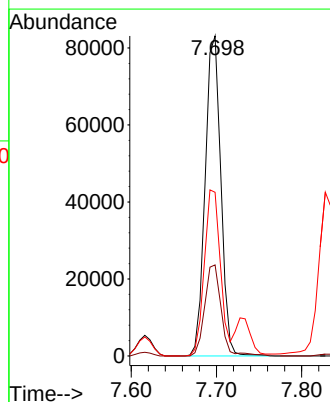
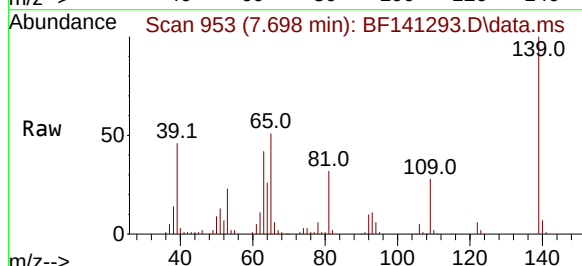
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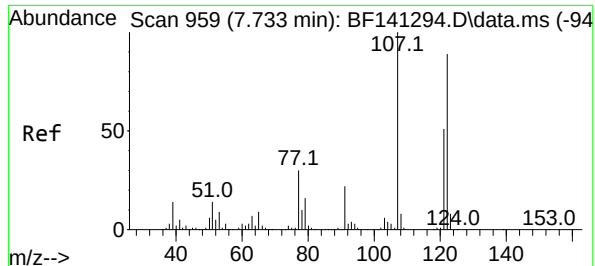
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 21.725 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 106287
Ion Ratio Lower Upper
139 100
109 28.5 23.8 35.6
65 51.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 21.233 ng m

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141293.D

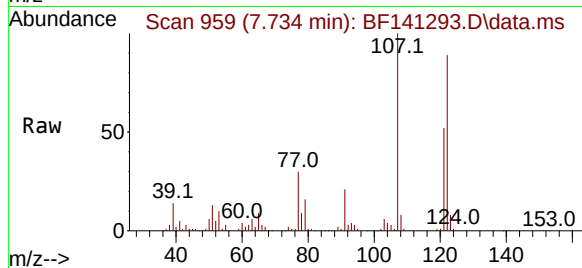
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

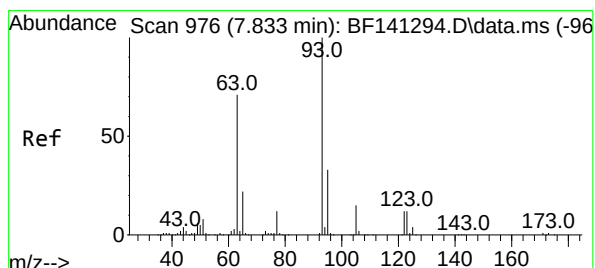
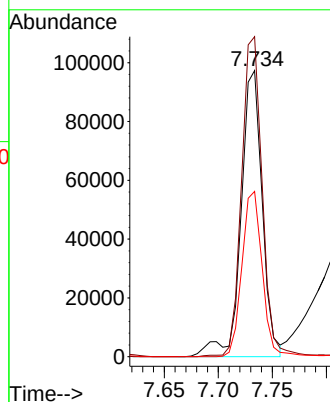
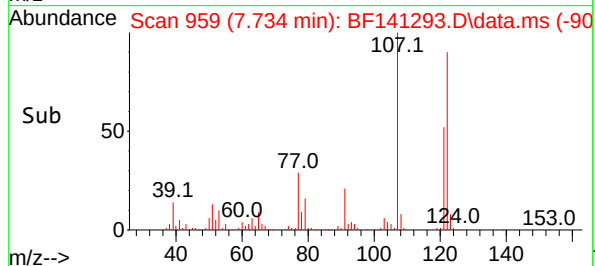


Tgt Ion:	122	Resp:	132748
Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.9	134.9
121	57.8	46.1	69.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

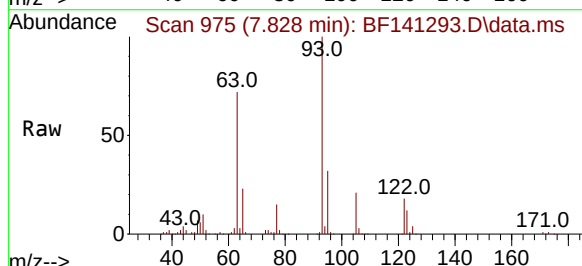
Concen: 21.403 ng

RT: 7.828 min Scan# 975

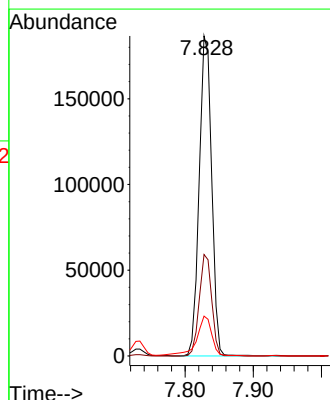
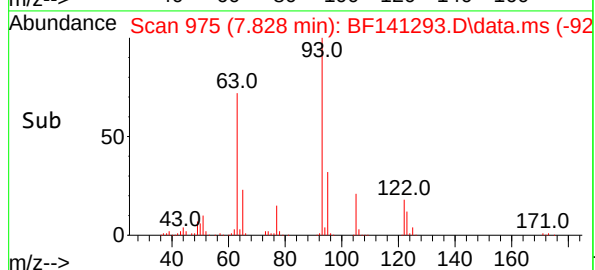
Delta R.T. -0.006 min

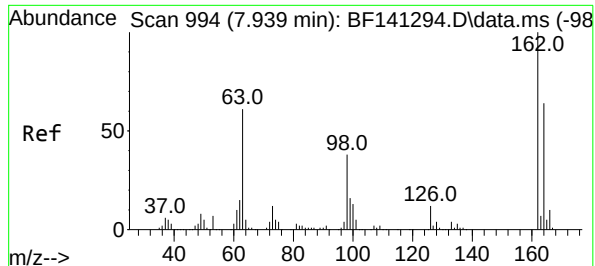
Lab File: BF141293.D

Acq: 29 Jan 2025 15:17



Tgt Ion:	93	Resp:	237369
Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	12.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 21.750 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 16615

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

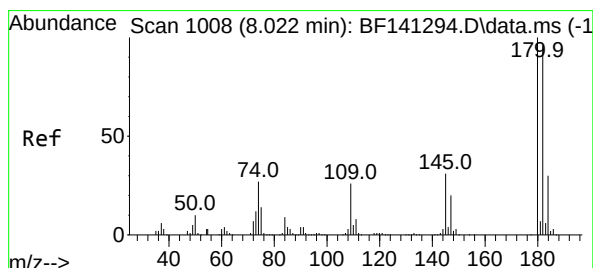
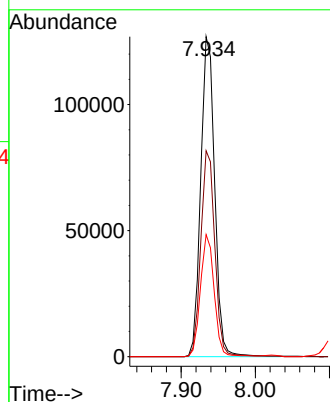
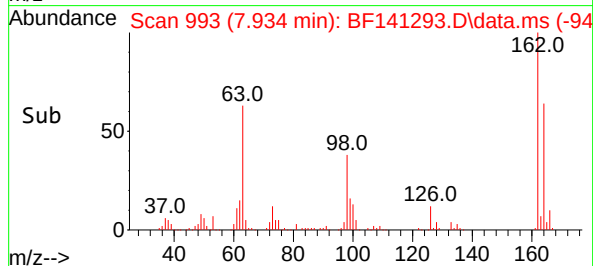
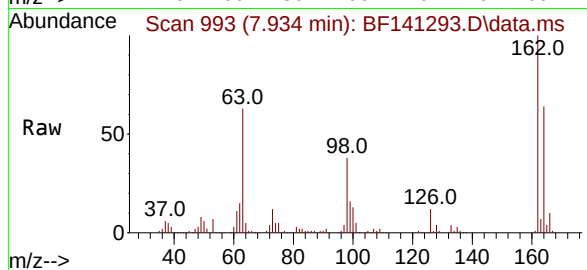
98 38.1 18.2 58.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.511 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

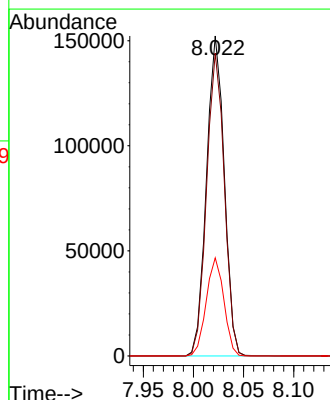
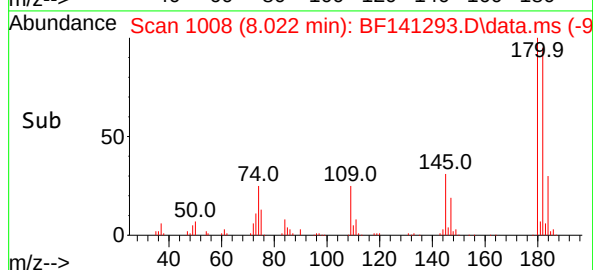
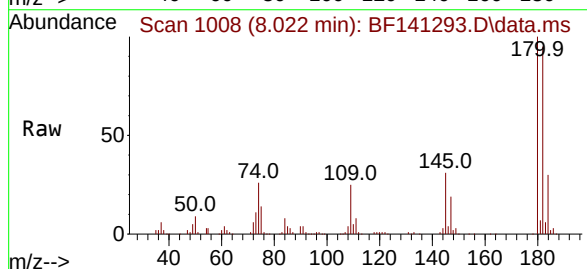
Tgt Ion:180 Resp: 188468

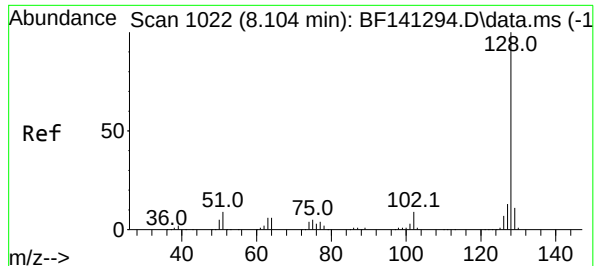
Ion Ratio Lower Upper

180 100

182 94.7 76.4 114.6

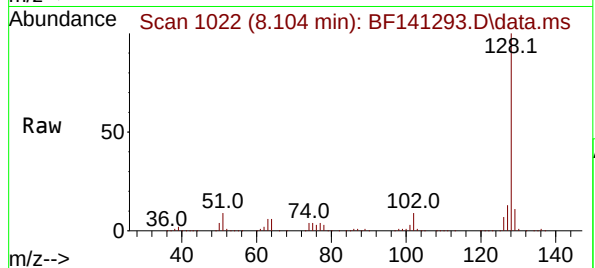
145 30.6 24.9 37.3





#31
Naphthalene
Concen: 21.681 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

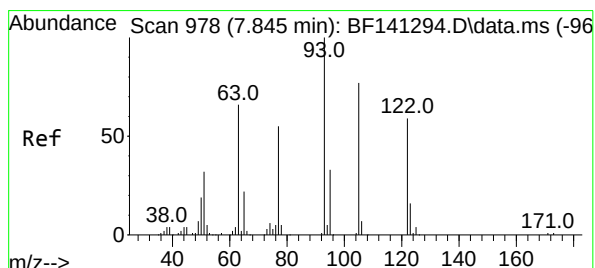
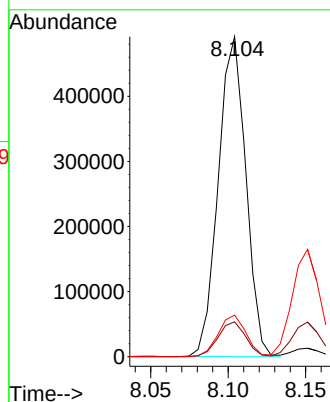
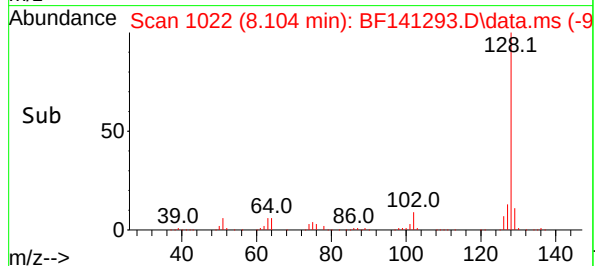
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 60762
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.6 15.8

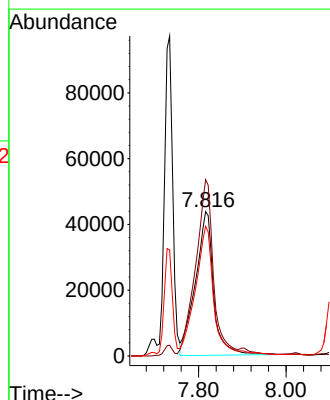
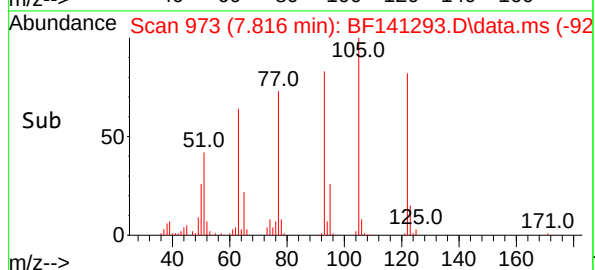
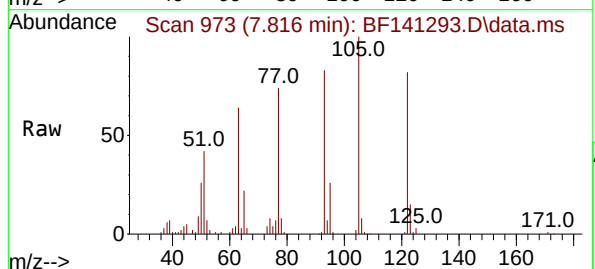
Manual Integrations
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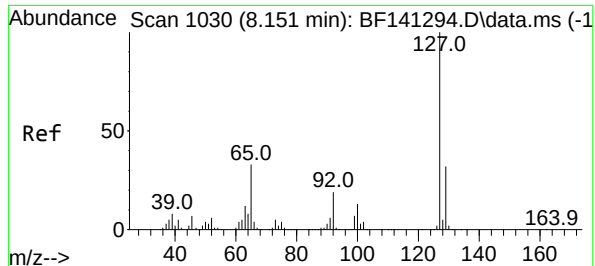
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 22.321 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.029 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

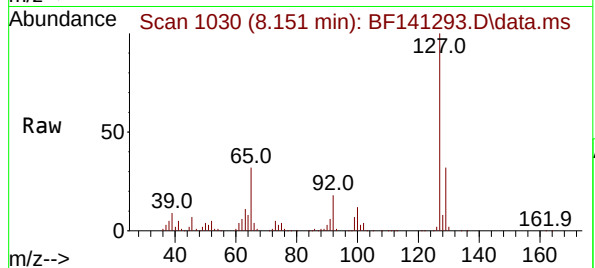
Tgt Ion:122 Resp: 126734
Ion Ratio Lower Upper
122 100
105 122.2 103.4 143.4
77 89.9 70.9 110.9





#33
4-Chloroaniline
Concen: 22.151 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

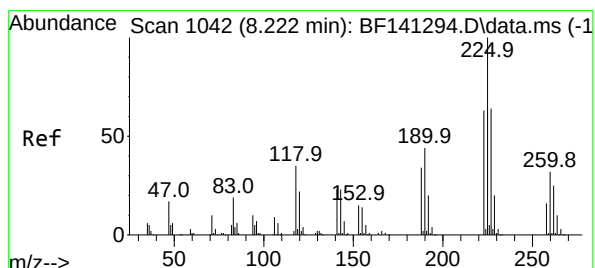
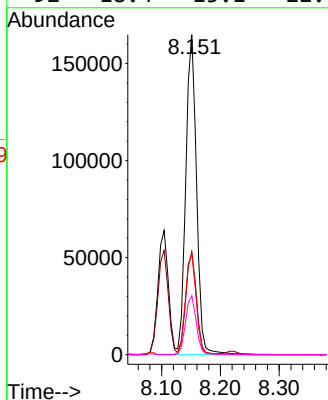
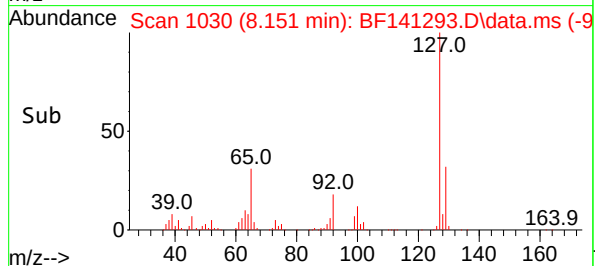
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 20853
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 31.6 26.4 39.6
92 18.4 15.1 22.7

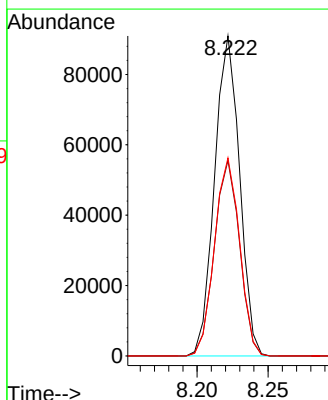
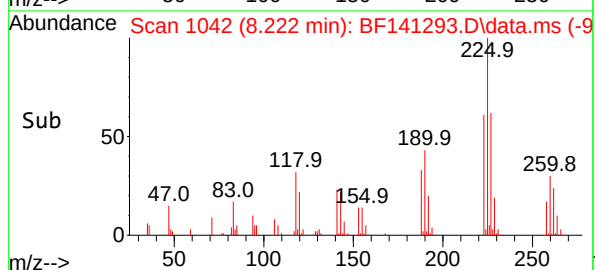
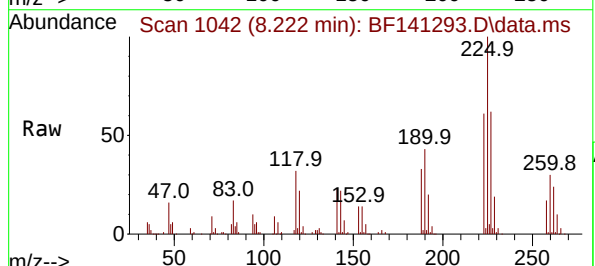
Manual Integrations
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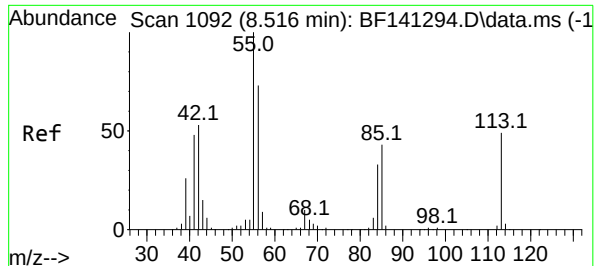
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 21.699 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

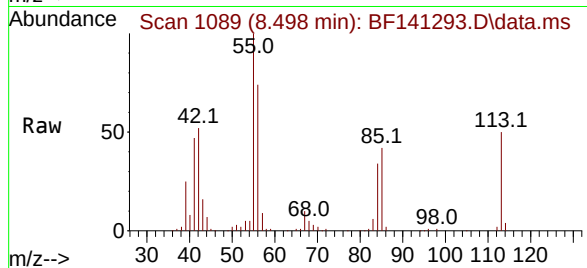
Tgt Ion:225 Resp: 111274
Ion Ratio Lower Upper
225 100
223 61.0 50.4 75.6
227 61.9 51.3 76.9





#35
 Caprolactam
 Concen: 21.968 ng
 RT: 8.498 min Scan# 1092
 Delta R.T. -0.018 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

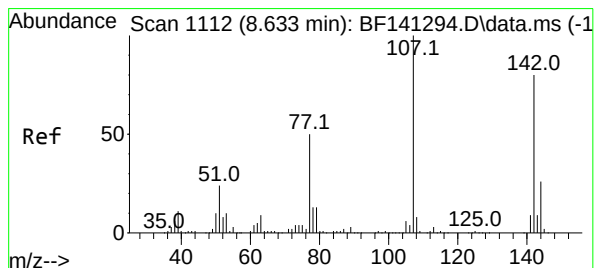
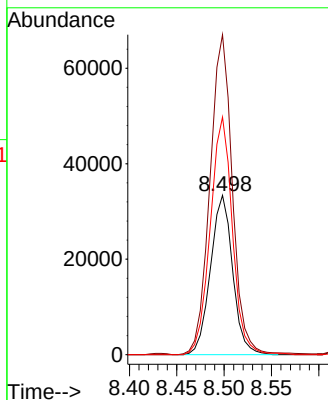
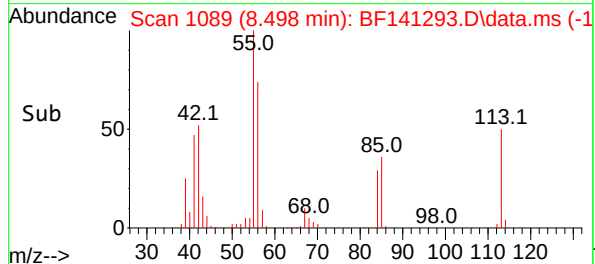
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



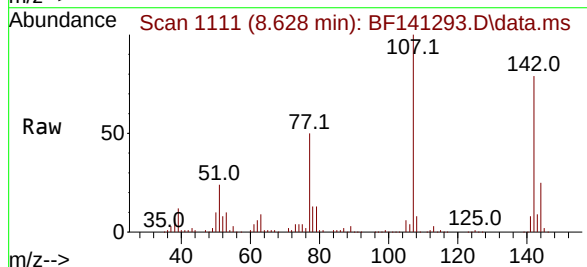
Tgt Ion:113 Resp: 54280
 Ion Ratio Lower Upper
 113 100
 55 200.9 182.9 222.9
 56 149.2 127.9 167.9

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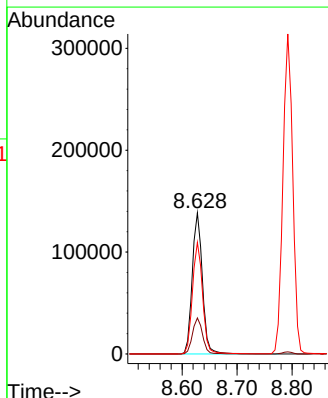
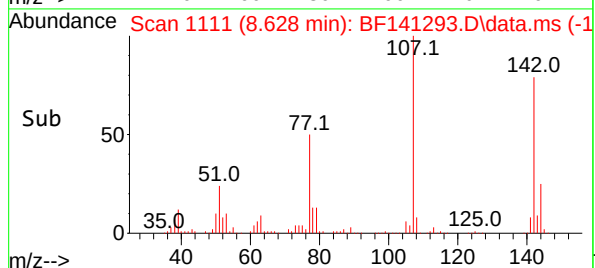
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

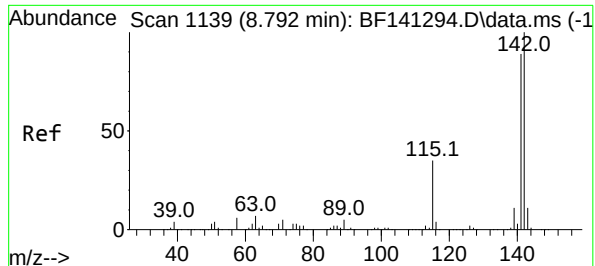


#36
 4-Chloro-3-methylphenol
 Concen: 21.708 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.006 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17



Tgt Ion:107 Resp: 177981
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 79.0 63.8 95.8





#37

2-Methylnaphthalene

Concen: 21.630 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 38603

Ion Ratio Lower Upper

142 100

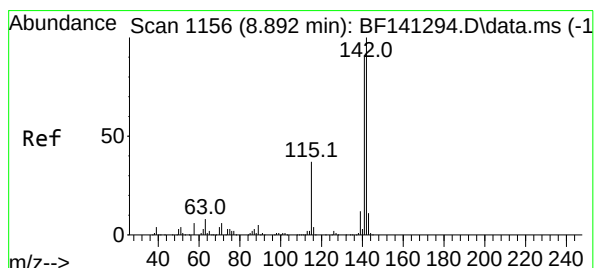
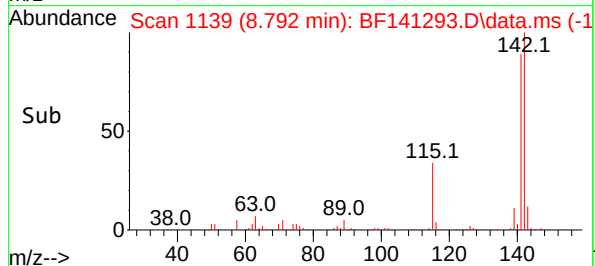
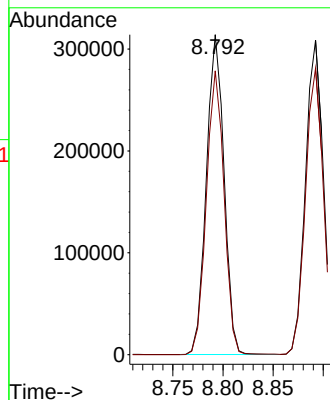
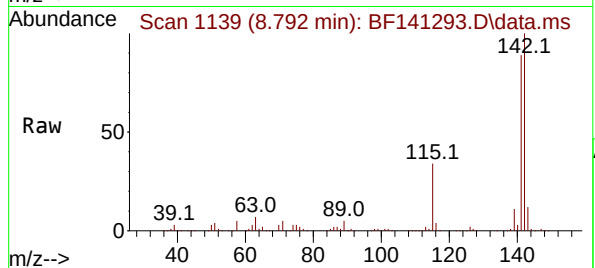
141 88.7 71.3 106.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#38

1-Methylnaphthalene

Concen: 21.671 ng

RT: 8.892 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF141293.D

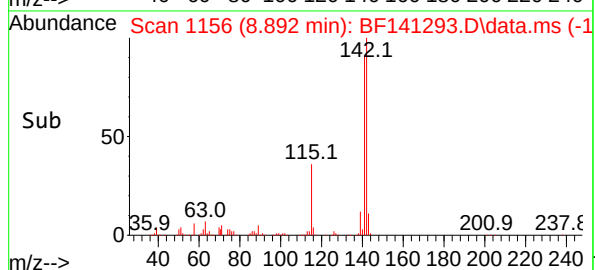
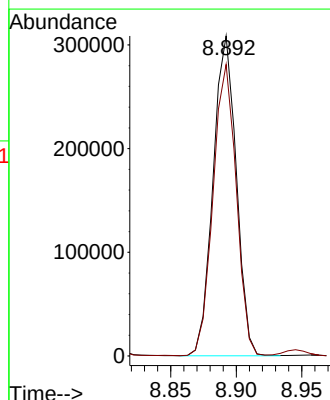
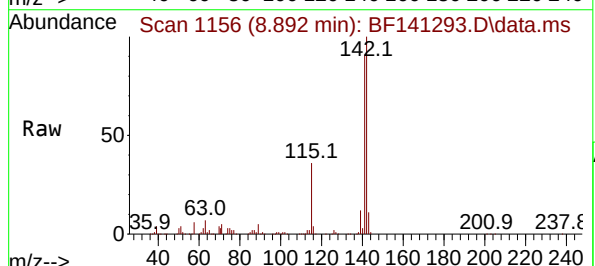
Acq: 29 Jan 2025 15:17

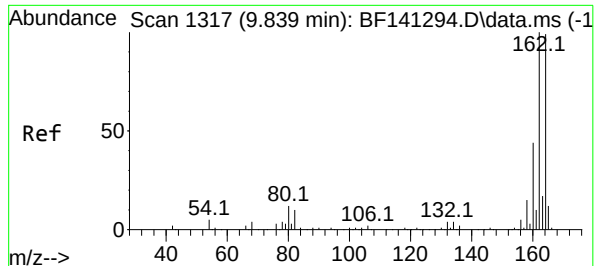
Tgt Ion:142 Resp: 378878

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141293.D

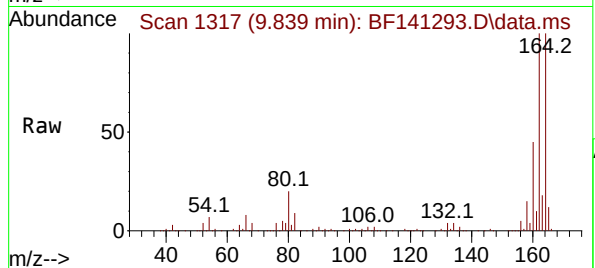
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 293084

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

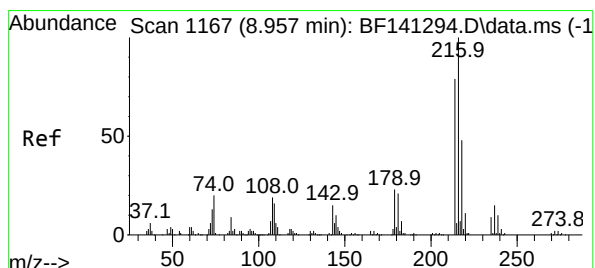
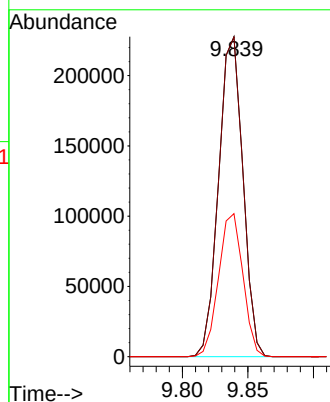
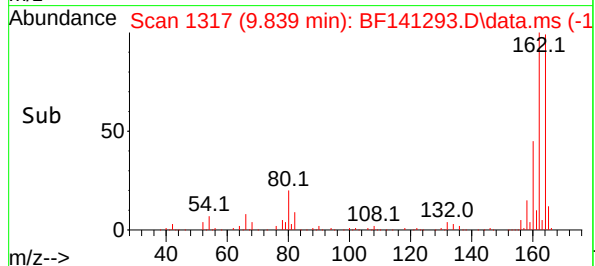
160 44.7 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.209 ng

RT: 8.957 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:216 Resp: 176736

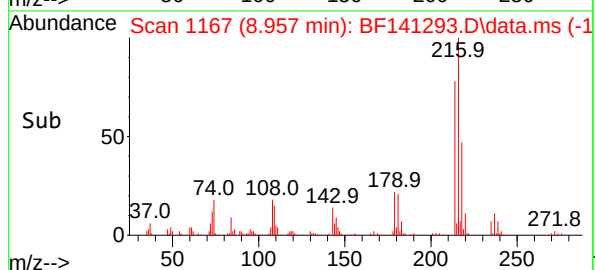
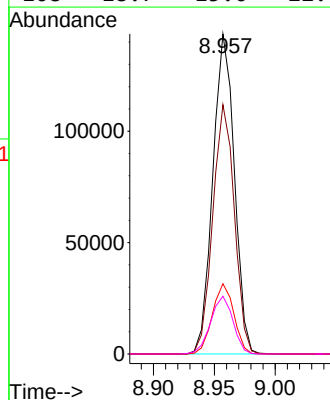
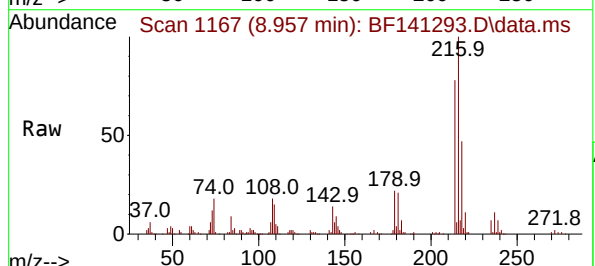
Ion Ratio Lower Upper

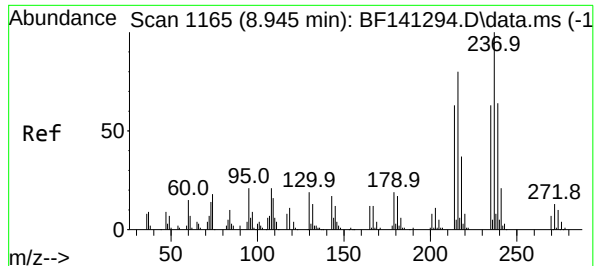
216 100

214 77.9 63.2 94.8

179 21.9 17.8 26.8

108 18.7 15.0 22.6





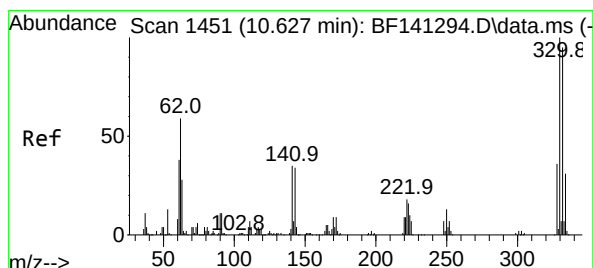
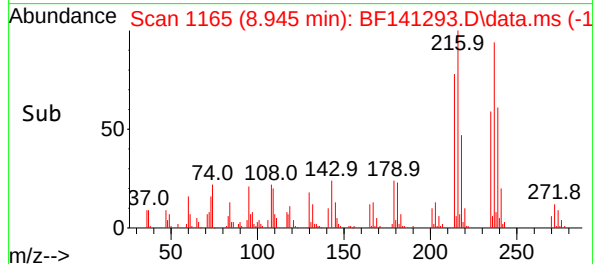
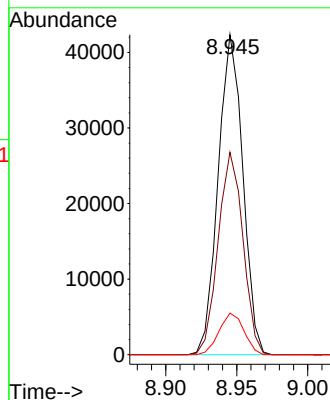
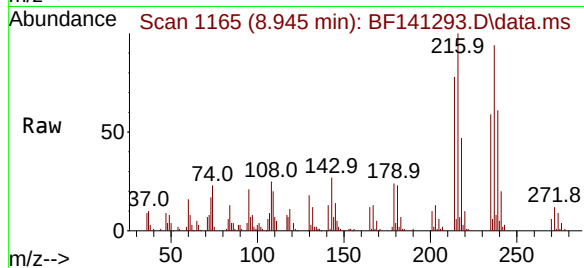
#41
Hexachlorocyclopentadiene
Concen: 20.438 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 5111
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 13.0 0.0 32.8

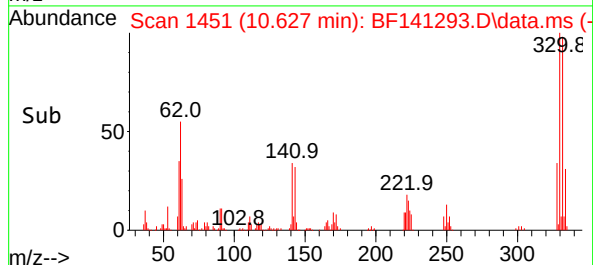
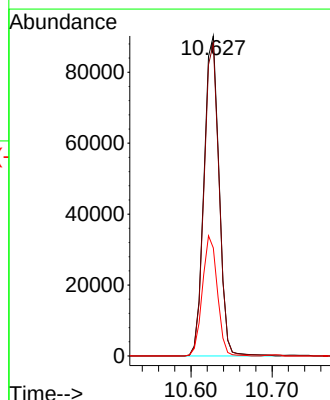
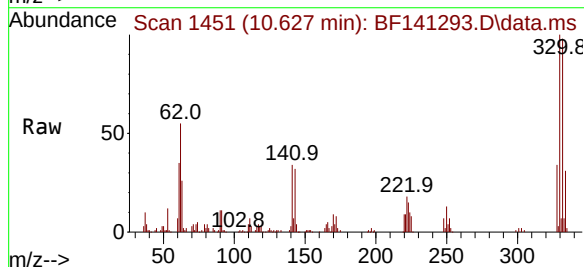
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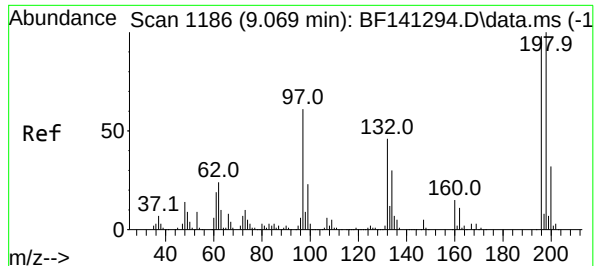
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 43.498 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:330 Resp: 116167
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 37.2 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 21.029 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141293.D

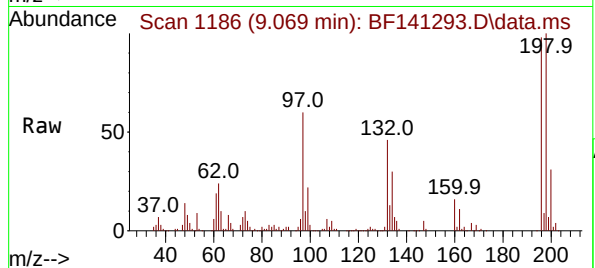
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 114390

Ion Ratio Lower Upper

196 100

198 102.3 81.8 122.6

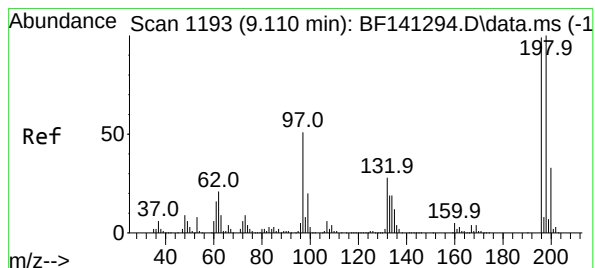
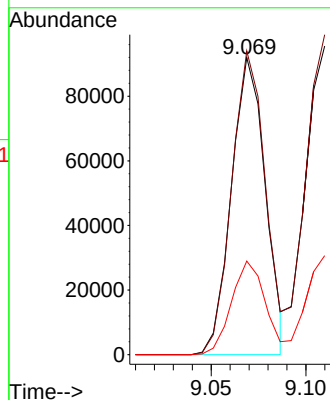
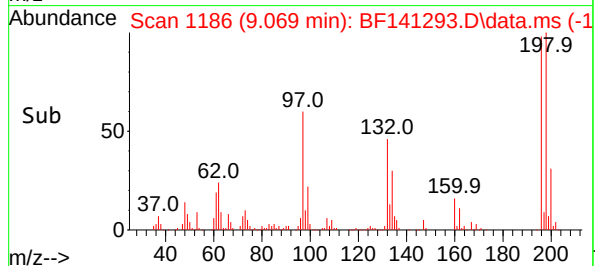
200 31.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#44

2,4,5-Trichlorophenol

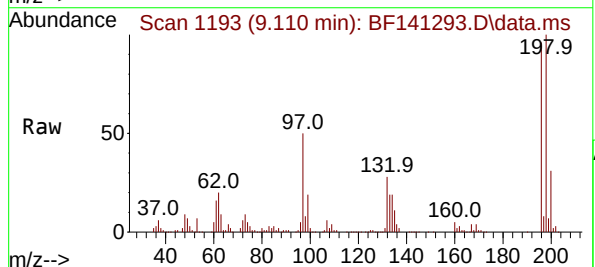
Concen: 21.245 ng

RT: 9.110 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17



Tgt Ion:196 Resp: 125725

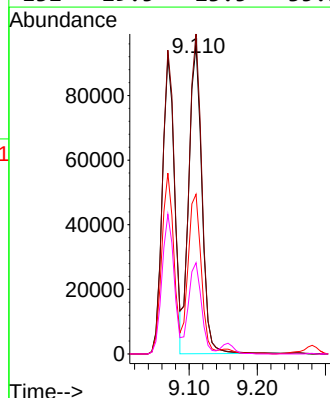
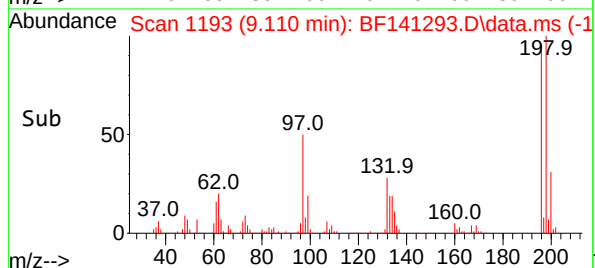
Ion Ratio Lower Upper

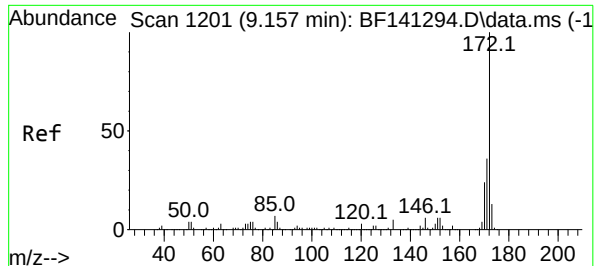
196 100

198 103.7 80.5 120.7

97 51.8 42.8 64.2

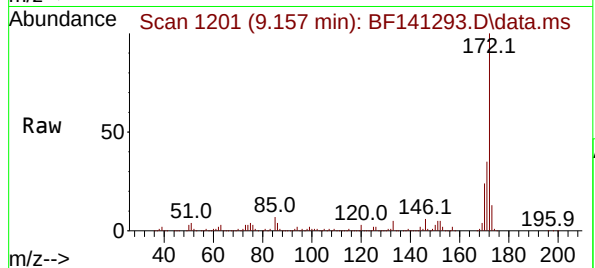
132 29.5 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 43.127 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

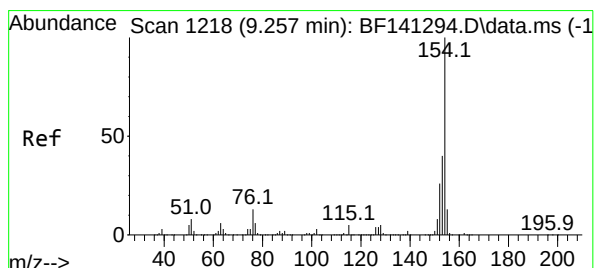
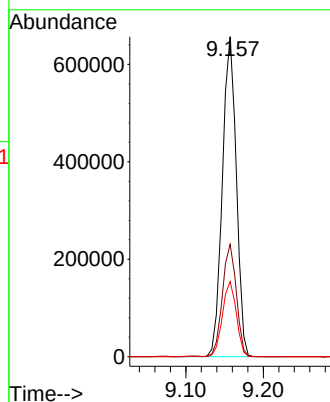
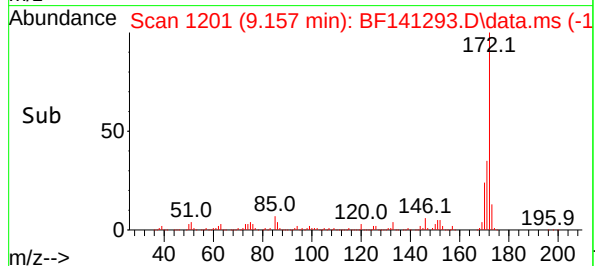
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 81937
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.0 28.6

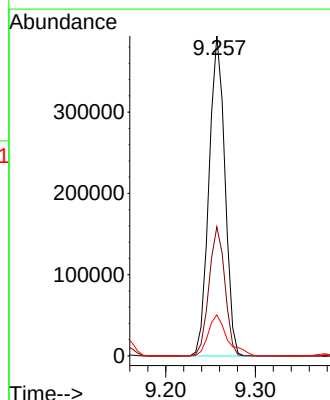
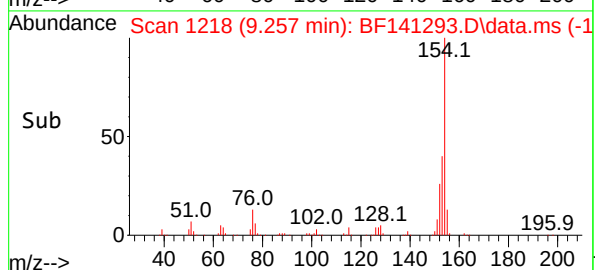
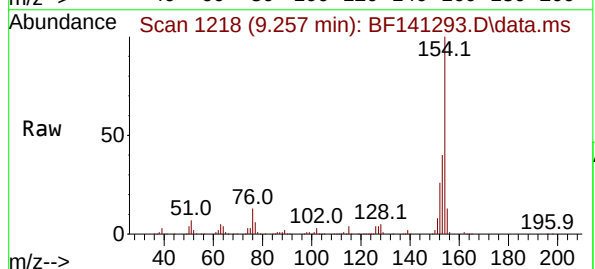
Manual Integrations
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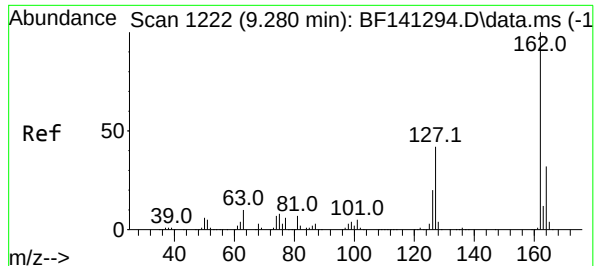
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#46
1,1'-Biphenyl
Concen: 21.145 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 483479
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 21.282 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141293.D

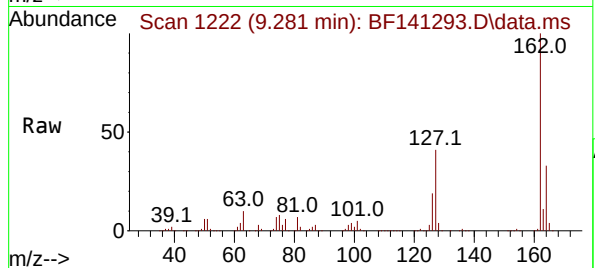
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 377940

Ion Ratio Lower Upper

162 100

127 40.8 33.7 50.5

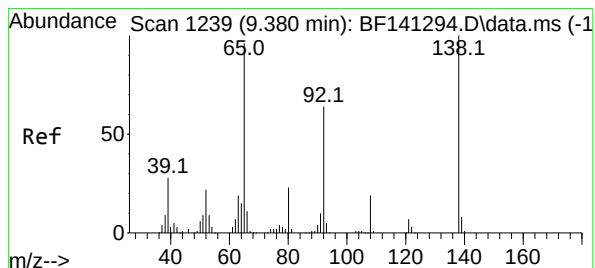
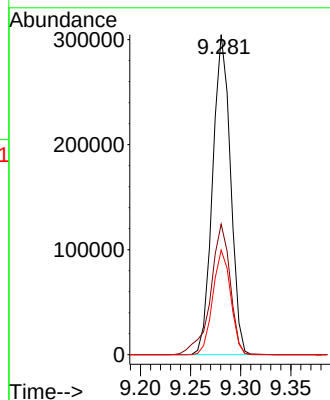
164 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 21.310 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

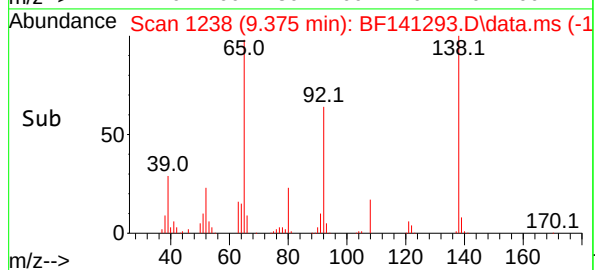
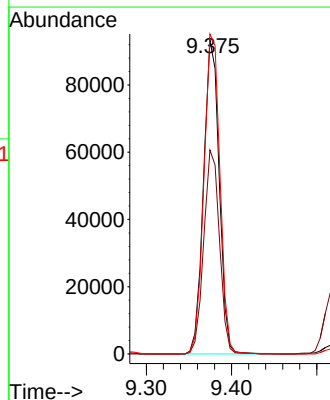
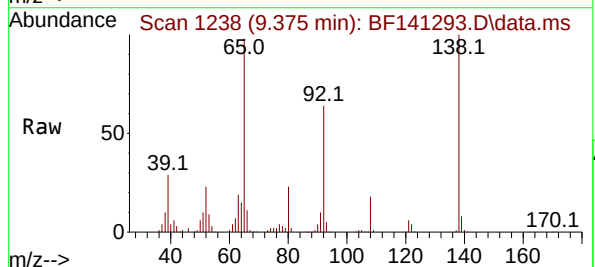
Tgt Ion: 65 Resp: 119359

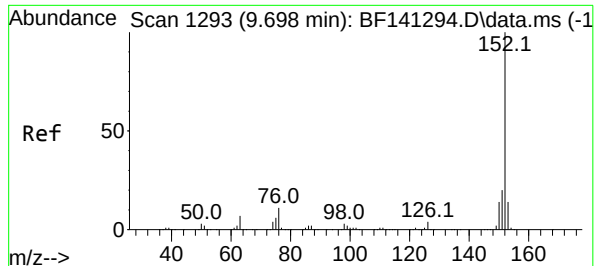
Ion Ratio Lower Upper

65 100

92 64.9 53.3 79.9

138 102.0 83.6 125.4





#49

Acenaphthylene

Concen: 21.328 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF141293.D

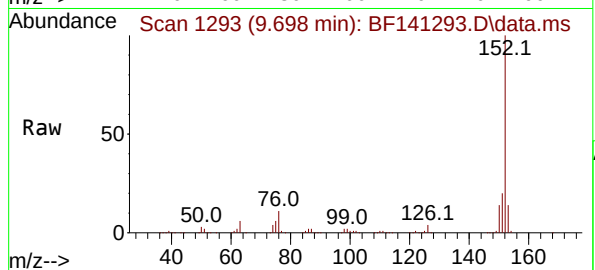
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

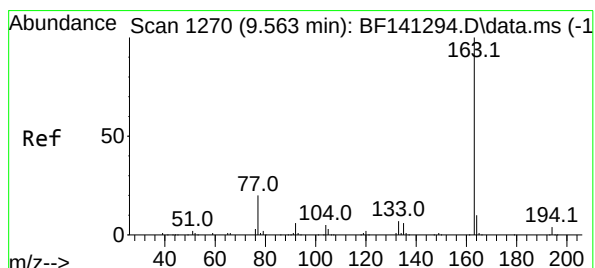
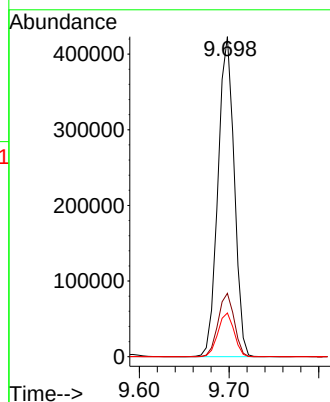
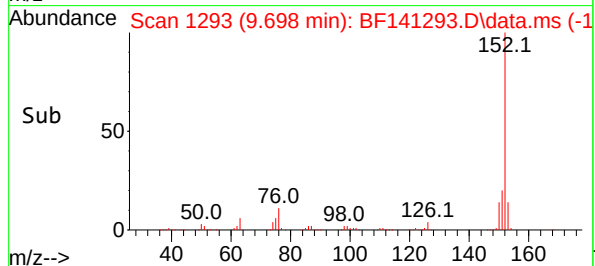


Tgt Ion:	152	Resp:	53195
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	13.7	11.0	16.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#50

Dimethylphthalate

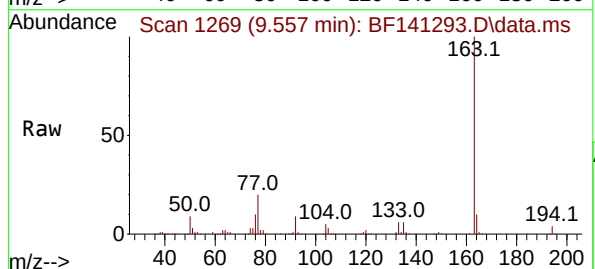
Concen: 21.542 ng

RT: 9.557 min Scan# 1269

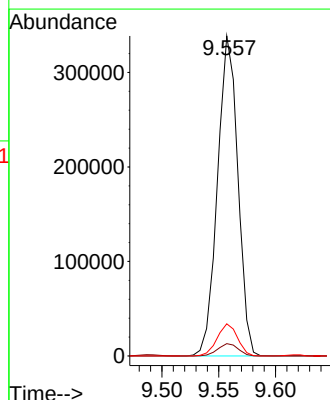
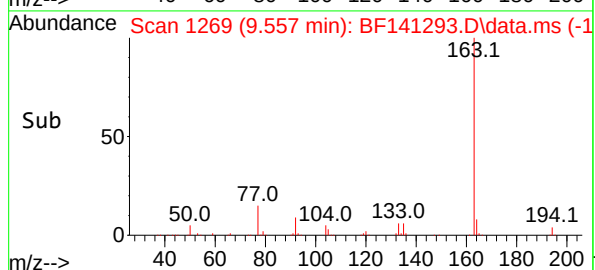
Delta R.T. -0.006 min

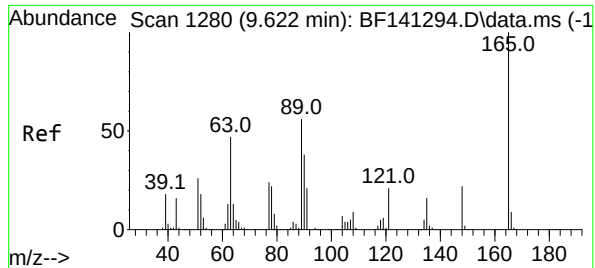
Lab File: BF141293.D

Acq: 29 Jan 2025 15:17



Tgt Ion:	163	Resp:	423377
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.0	8.0	12.0





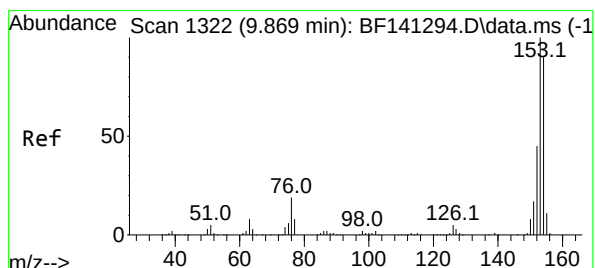
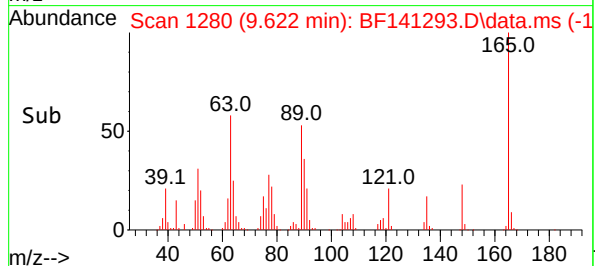
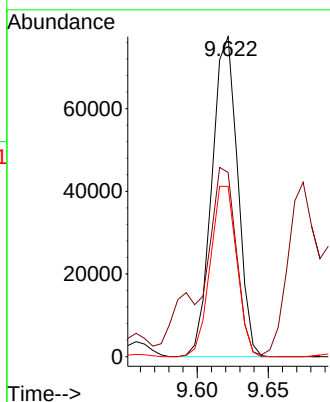
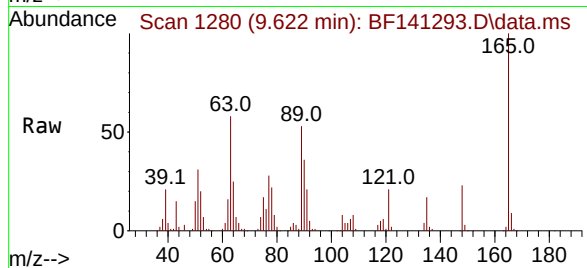
#51
2,6-Dinitrotoluene
Concen: 21.345 ng
RT: 9.622 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 9762
Ion Ratio Lower Upper
165 100
63 57.6 48.1 72.1
89 53.2 44.9 67.3

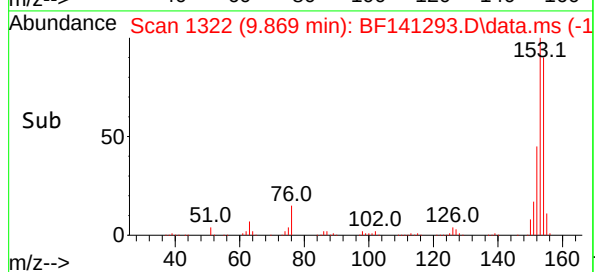
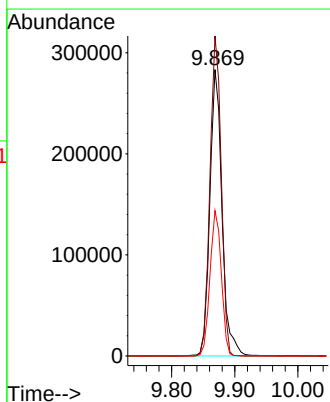
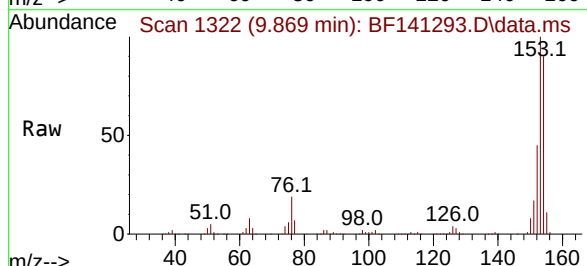
Manual Integrations
APPROVED

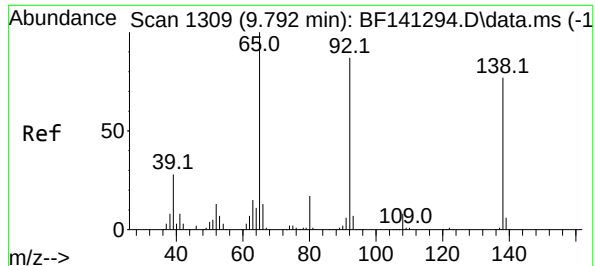
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 21.328 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

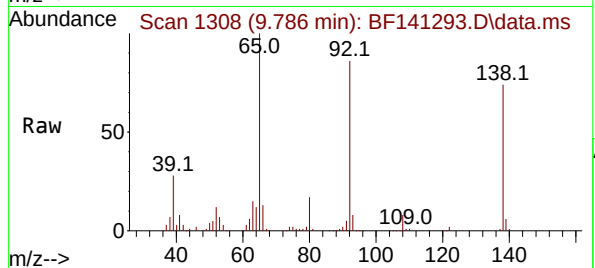
Tgt Ion:154 Resp: 378511
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 50.7 40.2 60.4





#53
3-Nitroaniline
Concen: 22.123 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

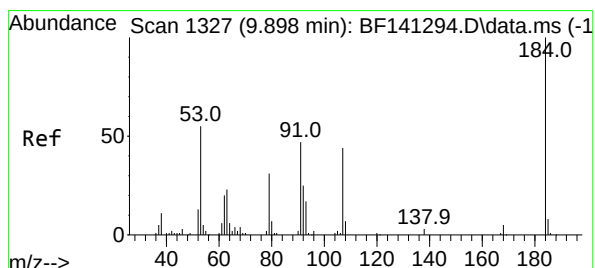
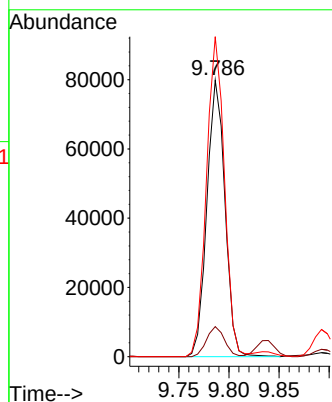
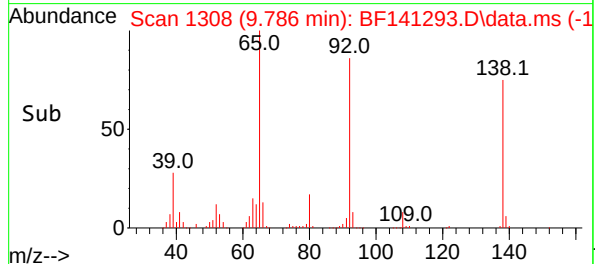
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 100085
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.8 91.0 136.6

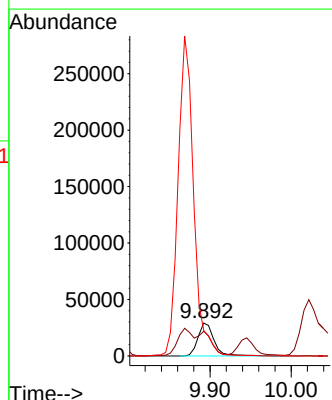
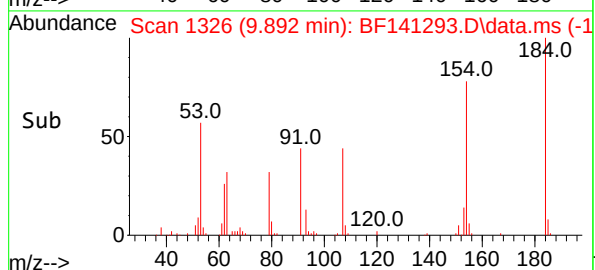
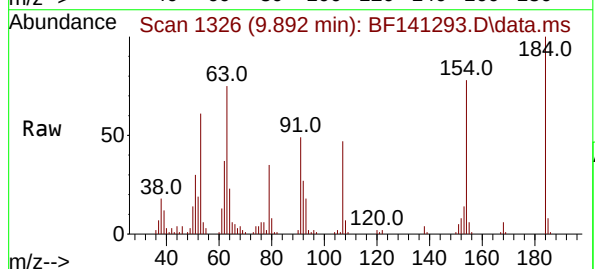
Manual Integrations
APPROVED

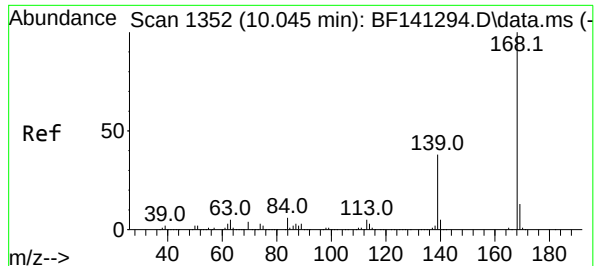
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 18.557 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:184 Resp: 40003
Ion Ratio Lower Upper
184 100
63 75.1 54.1 81.1
154 78.0 50.7 76.1#





#55

Dibenzenofuran

Concen: 21.665 ng

RT: 10.039 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 51422

Ion Ratio Lower Upper

168 100

139 38.7 30.6 46.0

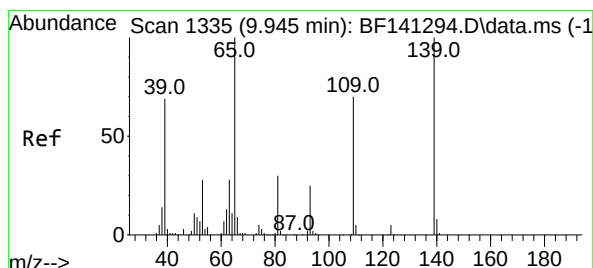
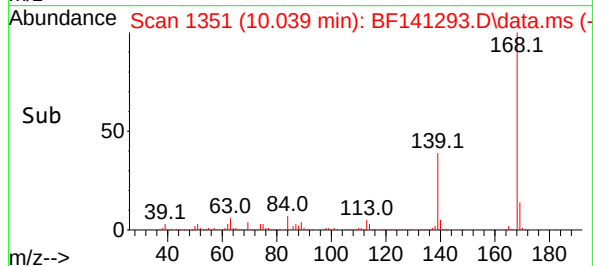
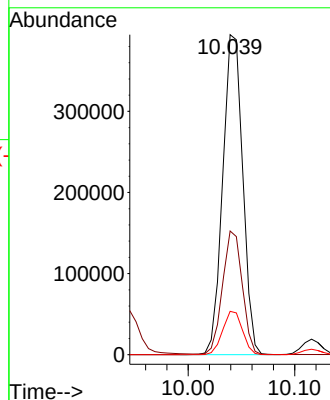
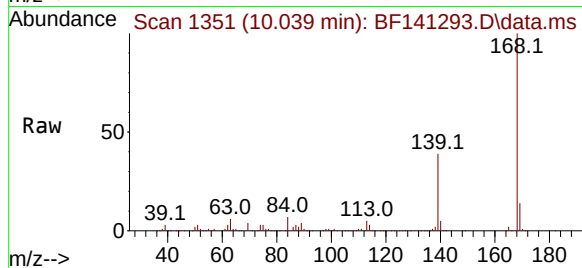
169 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#56

4-Nitrophenol

Concen: 22.607 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

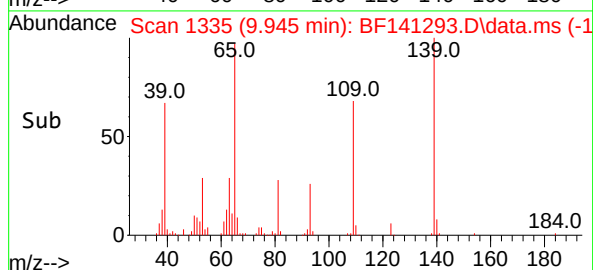
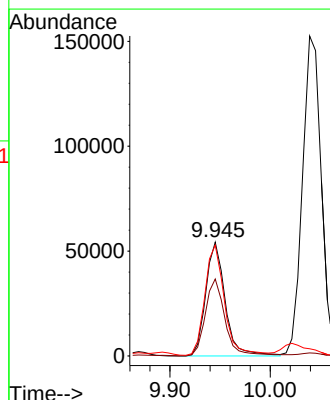
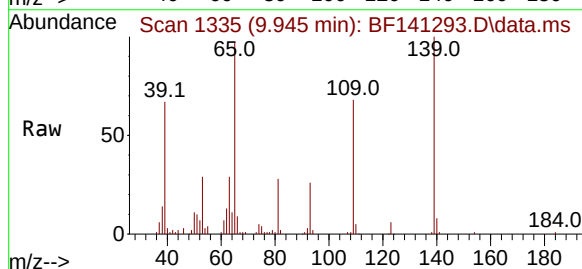
Tgt Ion:139 Resp: 73425

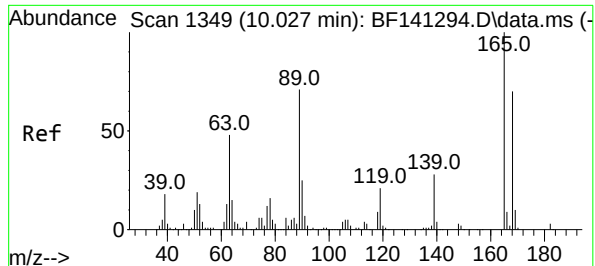
Ion Ratio Lower Upper

139 100

109 67.7 50.2 90.2

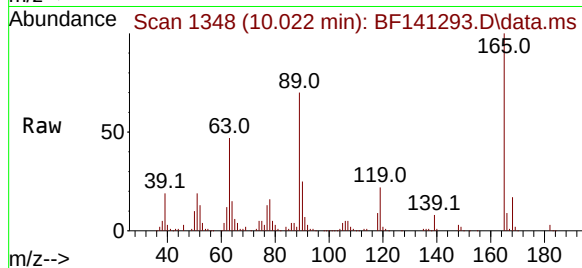
65 97.5 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 22.027 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

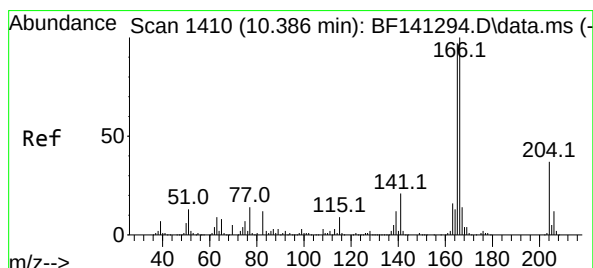
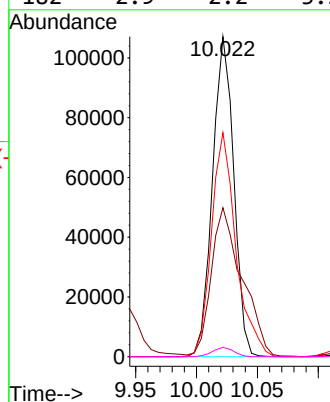
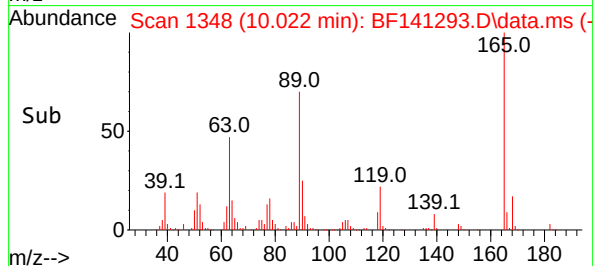
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 12994
Ion Ratio Lower Upper
165 100
63 46.6 39.2 58.8
89 70.0 56.9 85.3
182 2.9 2.2 3.2

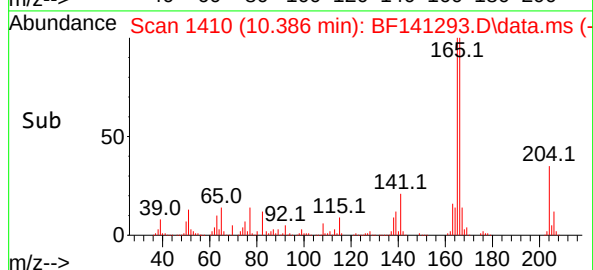
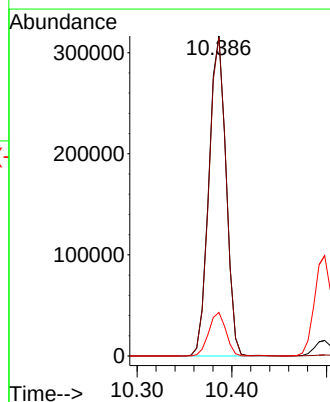
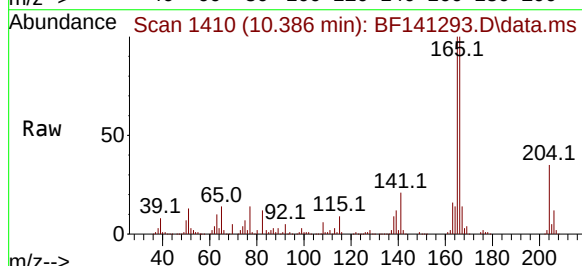
Manual Integrations
APPROVED

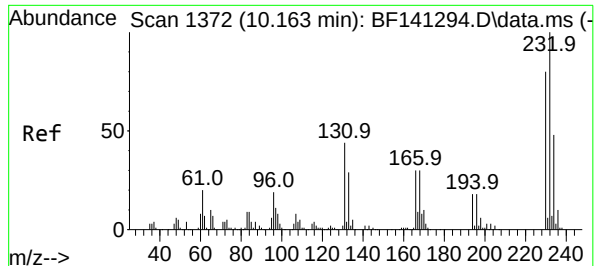
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 21.488 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

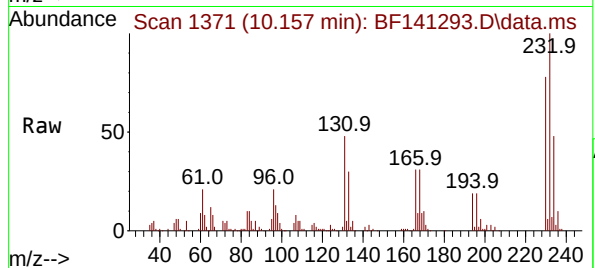
Tgt Ion:166 Resp: 396520
Ion Ratio Lower Upper
166 100
165 99.5 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.354 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

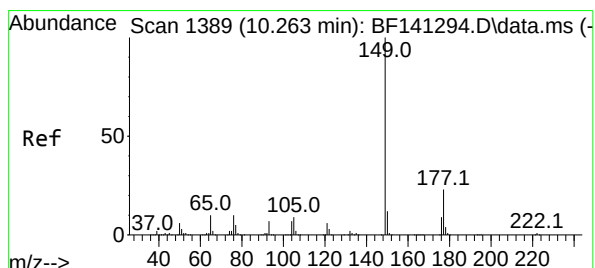
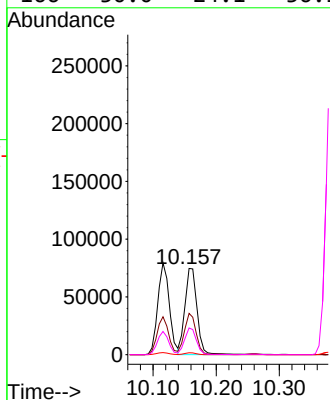
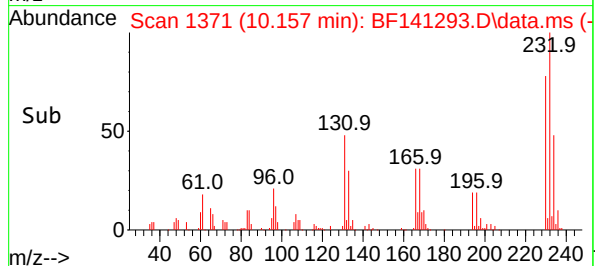
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 9984
Ion Ratio Lower Upper
232 100
131 46.1 36.4 54.6
130 2.0 1.9 2.9
166 30.0 24.1 36.1

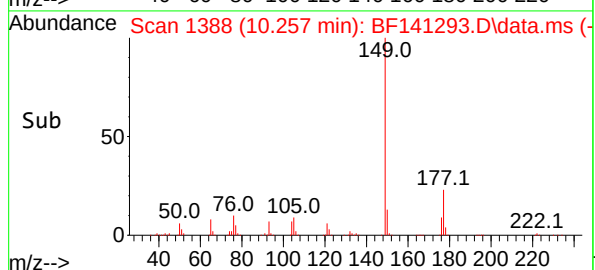
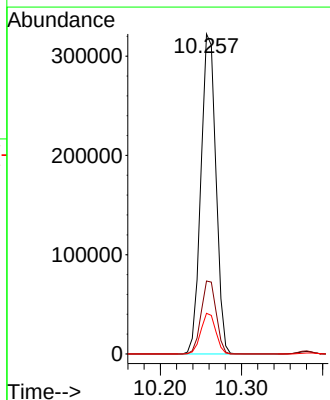
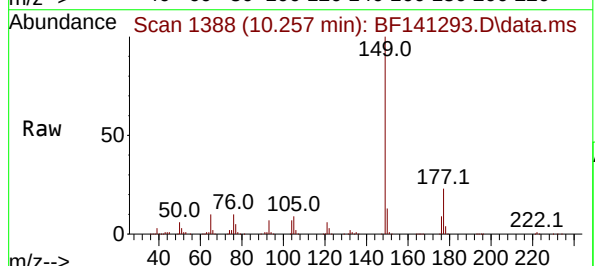
Manual Integrations
APPROVED

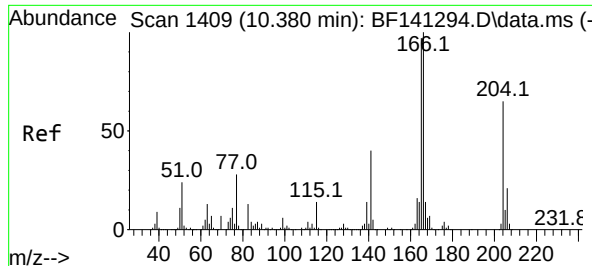
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 21.745 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

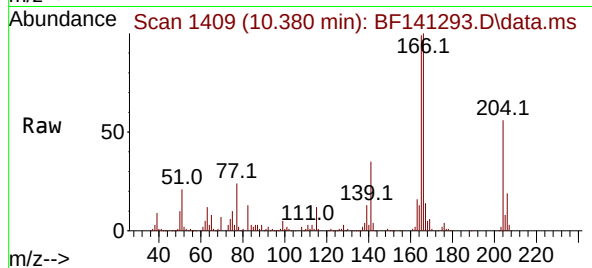
Tgt Ion:149 Resp: 413889
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 21.446 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

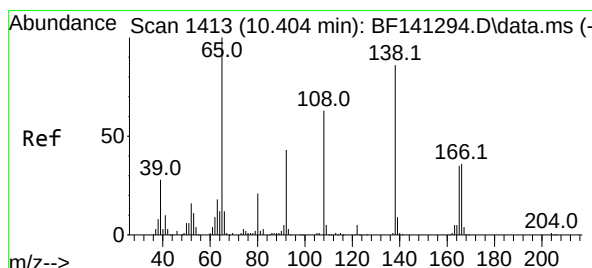
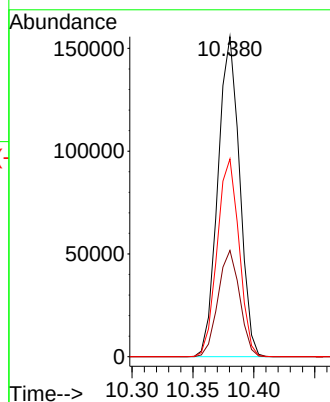
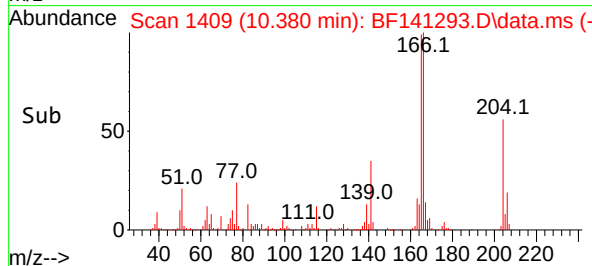
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 193134
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 61.8 49.5 74.3

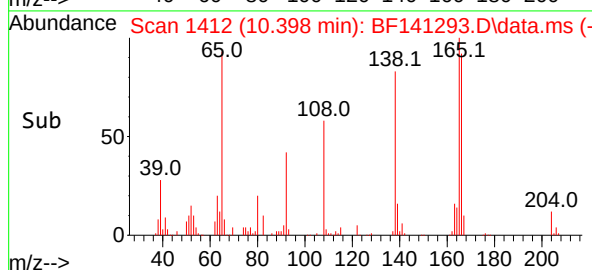
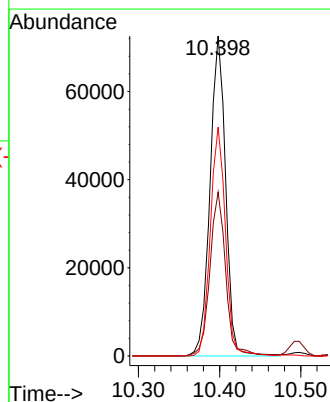
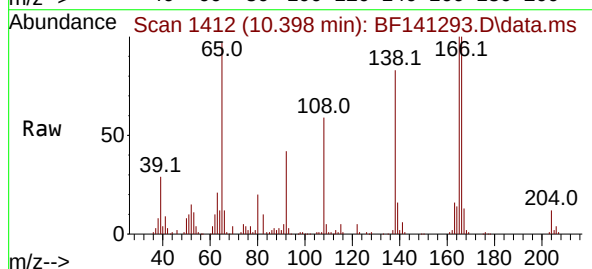
Manual Integrations
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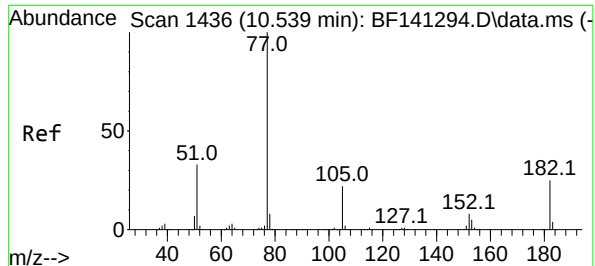
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#62
4-Nitroaniline
Concen: 22.250 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

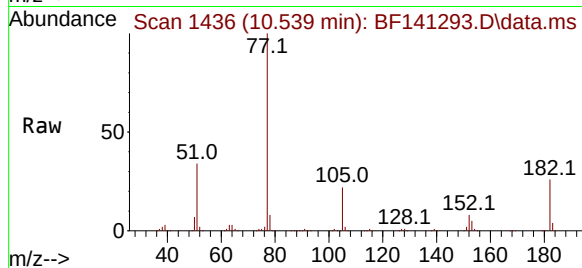
Tgt Ion:138 Resp: 96692
Ion Ratio Lower Upper
138 100
92 51.2 30.1 70.1
108 71.5 53.1 93.1





#63
Azobenzene
Concen: 21.358 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

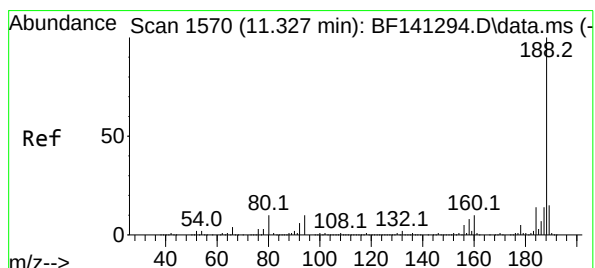
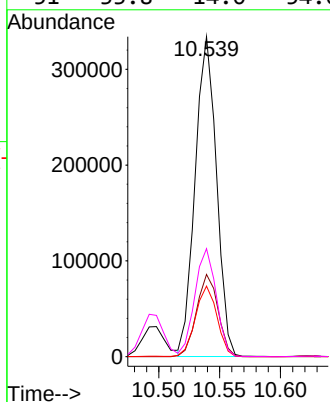
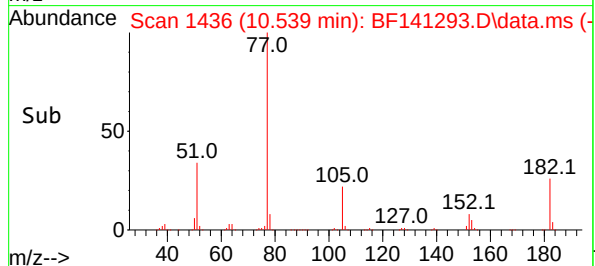
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 407492
Ion Ratio Lower Upper
77 100
182 25.7 5.1 45.1
105 22.1 1.8 41.8
51 33.8 14.0 54.0

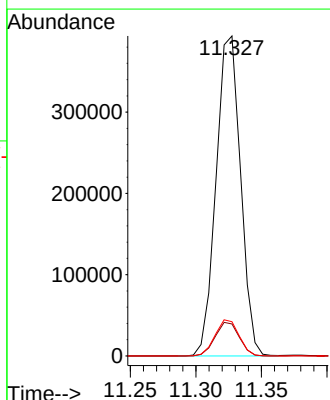
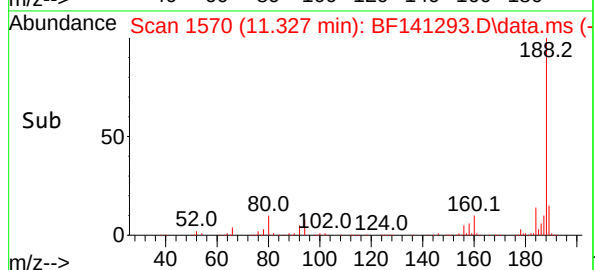
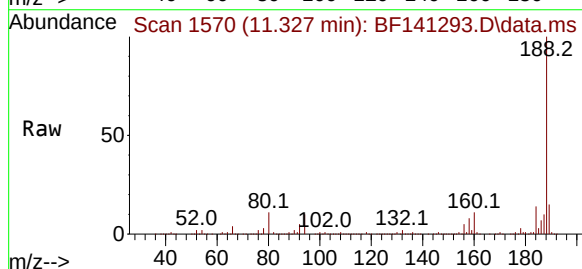
Manual Integrations
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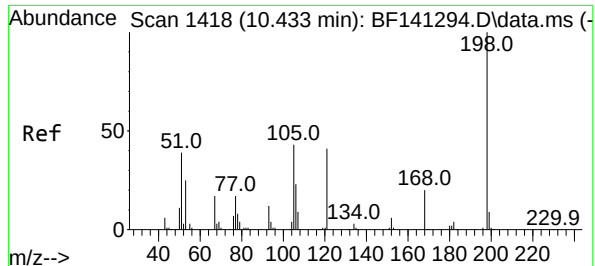
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:188 Resp: 511320
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.7 8.2 12.4





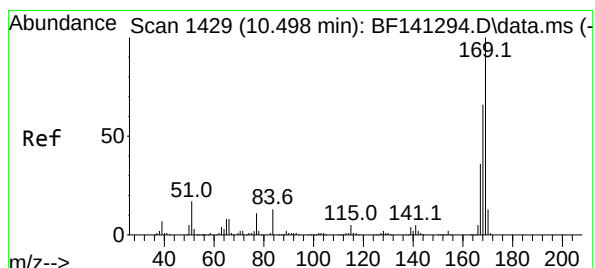
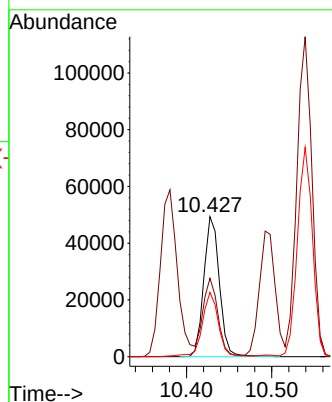
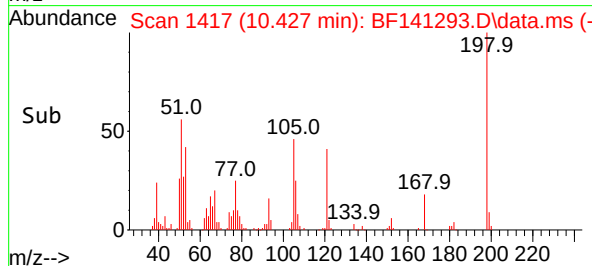
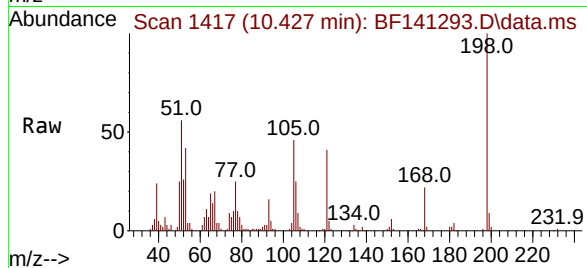
#65
4,6-Dinitro-2-methylphenol
Concen: 20.492 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 62572
Ion Ratio Lower Upper
198 100
51 56.0 33.4 73.4
105 45.9 24.4 64.4

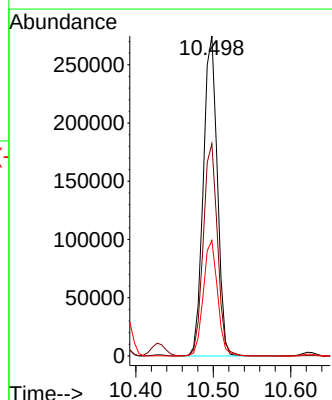
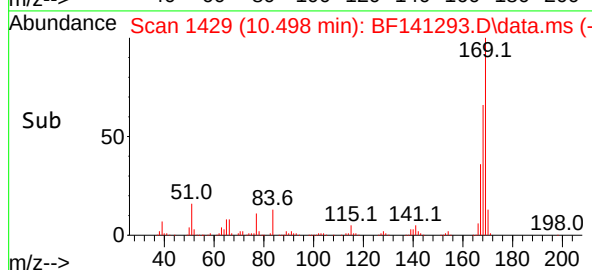
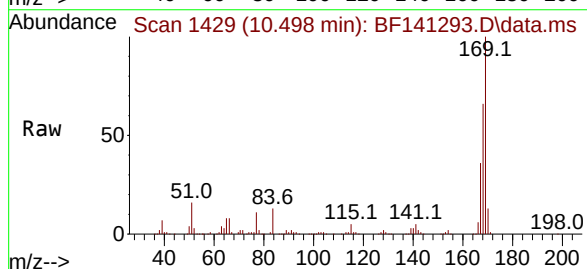
Manual Integrations
APPROVED

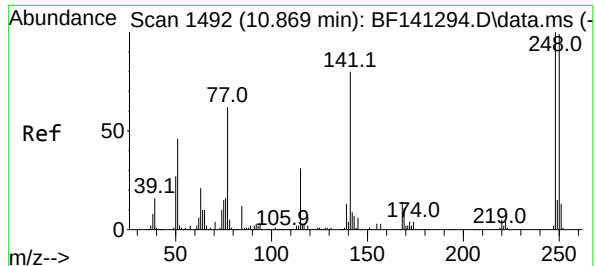
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 20.773 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

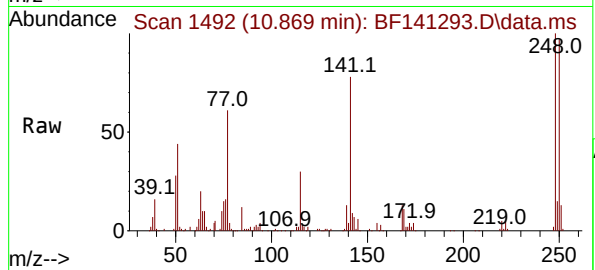
Tgt Ion:169 Resp: 344387
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 20.967 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

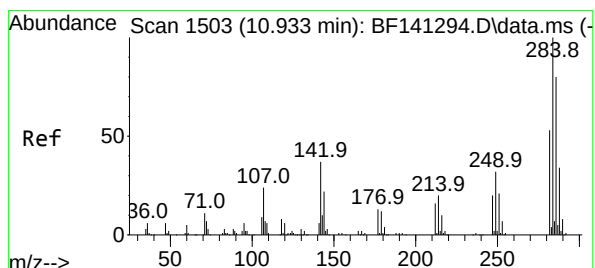
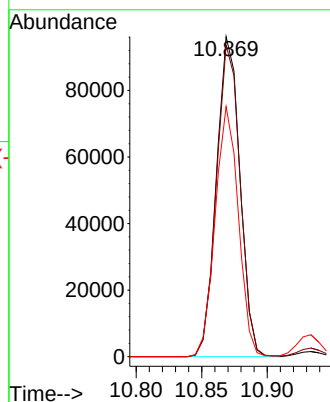
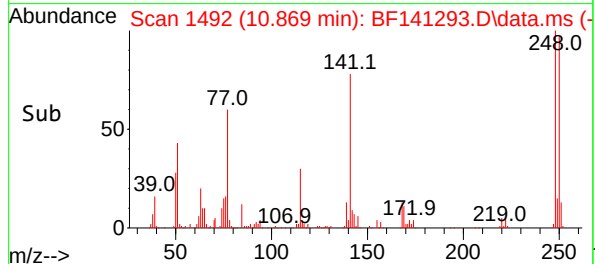
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 119844
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 78.1 63.7 95.5

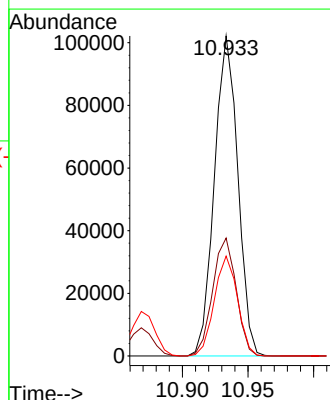
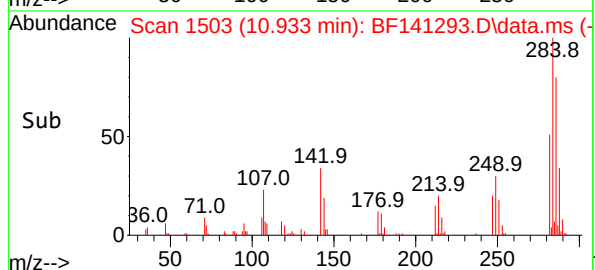
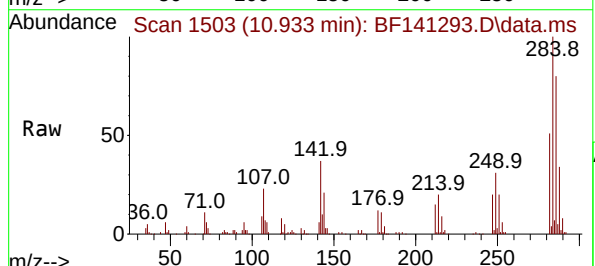
Manual Integrations
APPROVED

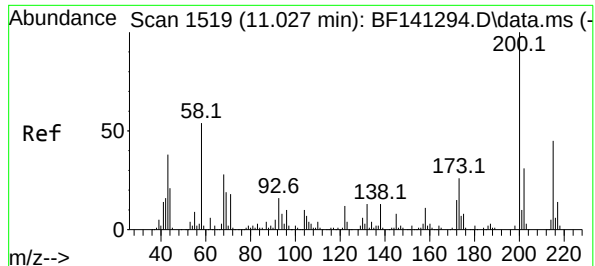
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#68
Hexachlorobenzene
Concen: 20.917 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

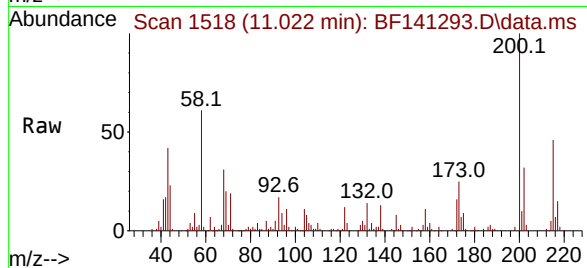
Tgt Ion:284 Resp: 126823
Ion Ratio Lower Upper
284 100
142 36.8 29.5 44.3
249 31.2 25.4 38.2





#69
Atrazine
Concen: 19.627 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

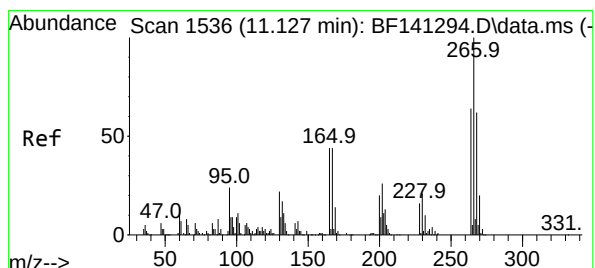
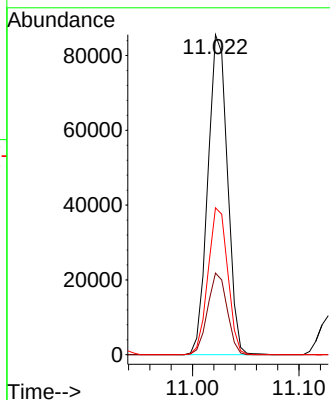
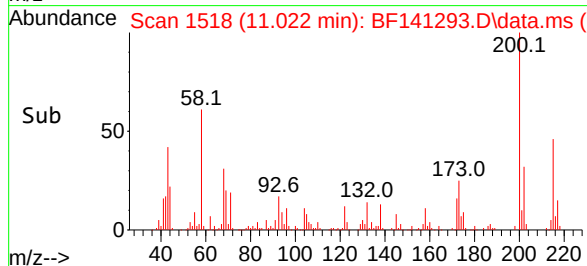
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 10913
Ion Ratio Lower Upper
200 100
173 25.5 5.9 45.9
215 45.9 25.2 65.2

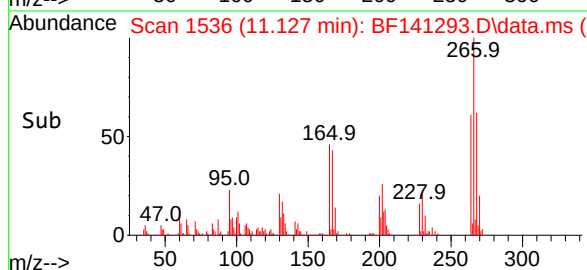
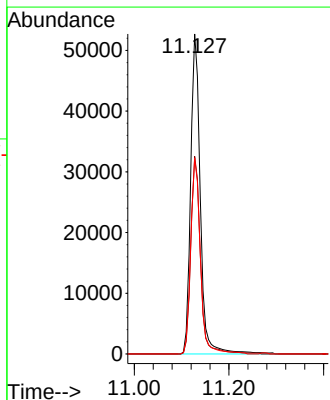
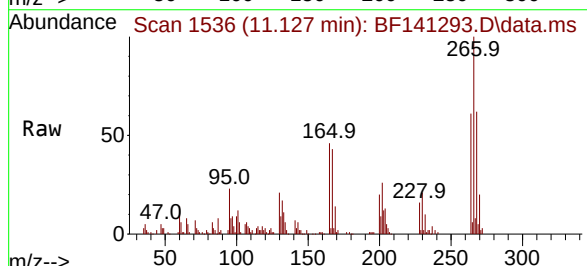
Manual Integrations
APPROVED

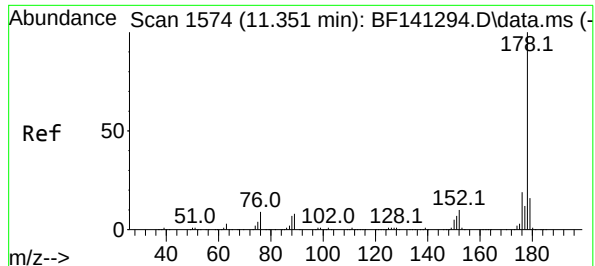
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#70
Pentachlorophenol
Concen: 20.958 ng
RT: 11.127 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

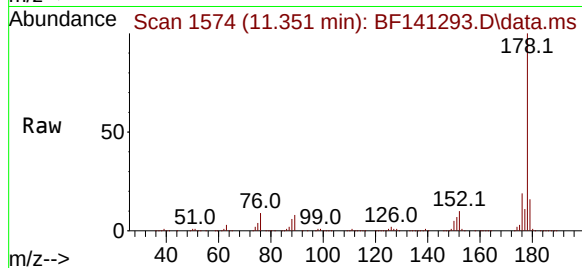
Tgt Ion:266 Resp: 74508
Ion Ratio Lower Upper
266 100
268 61.8 49.9 74.9
264 61.2 51.0 76.4





#71
Phenanthrene
Concen: 21.262 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

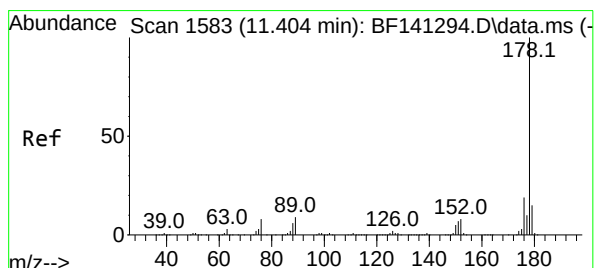
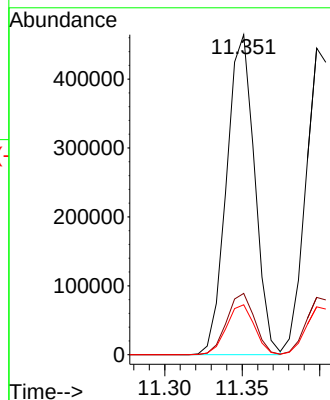
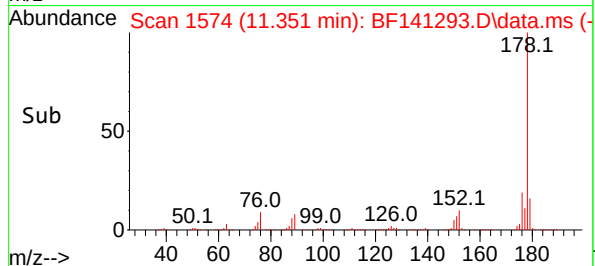
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 58402
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7

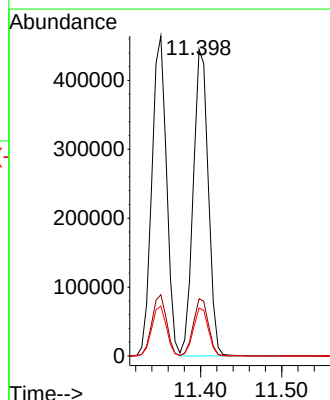
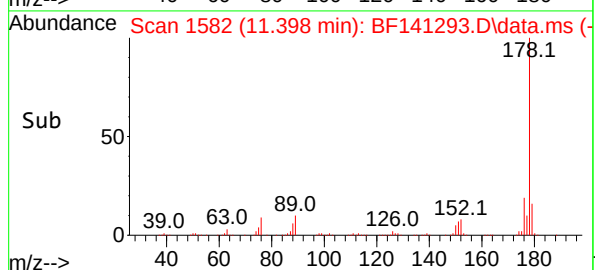
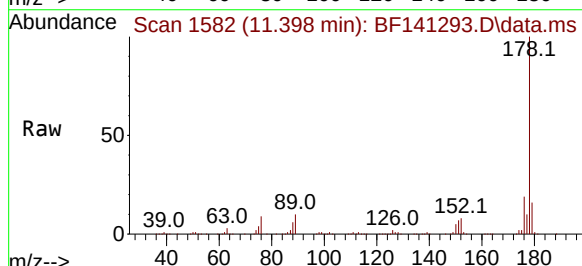
Manual Integrations
APPROVED

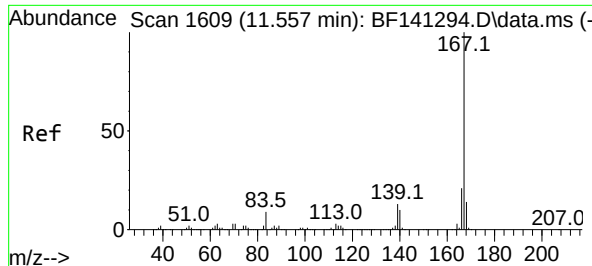
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 21.377 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

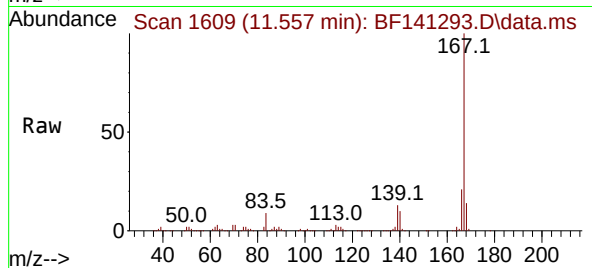
Tgt Ion:178 Resp: 572743
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5





#73
Carbazole
Concen: 22.000 ng
RT: 11.557 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

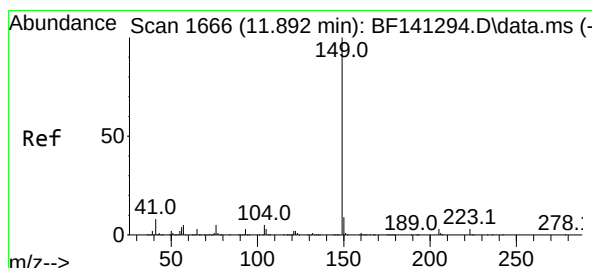
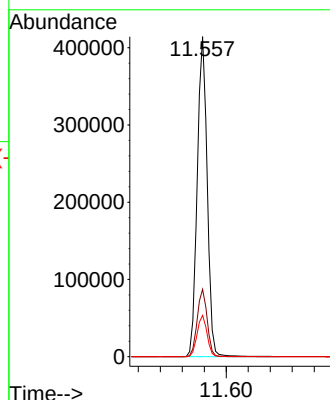
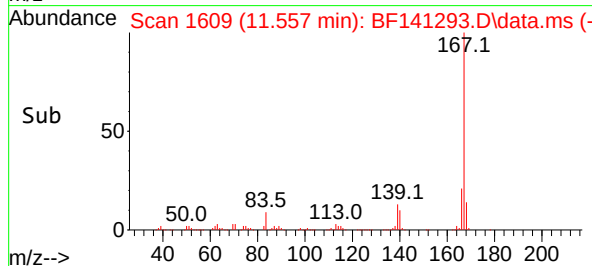
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



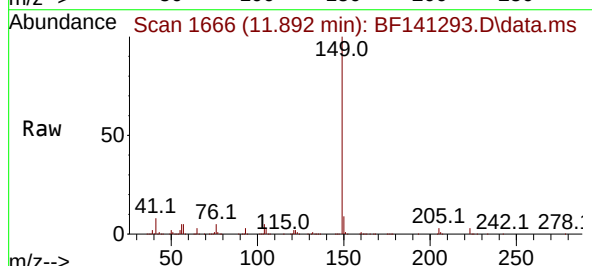
Tgt Ion:167 Resp: 522100
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.6
139 12.9 10.6 16.0

Manual Integrations
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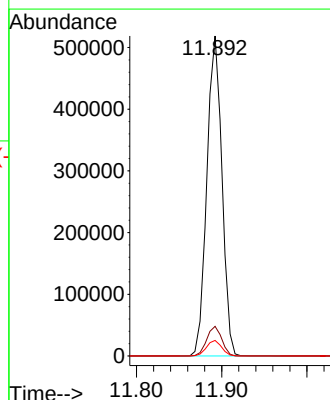
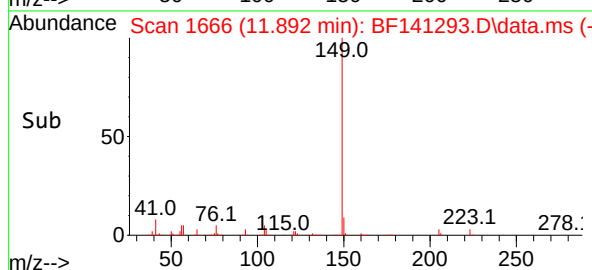
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

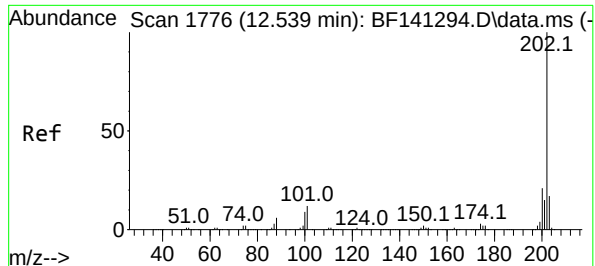


#74
Di-n-butylphthalate
Concen: 22.251 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



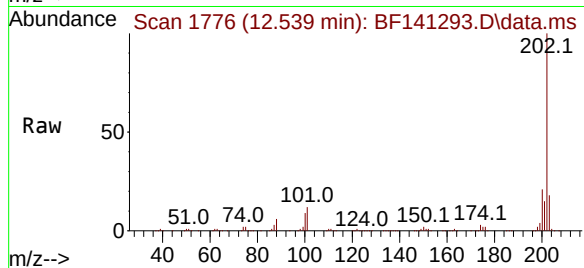
Tgt Ion:149 Resp: 636521
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 22.808 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

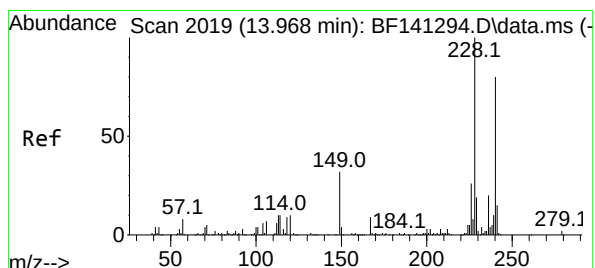
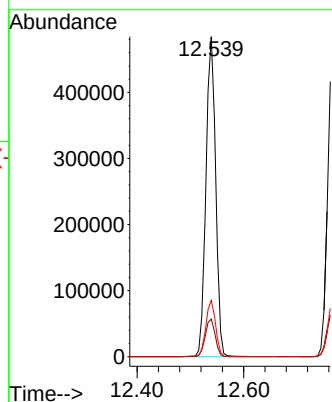
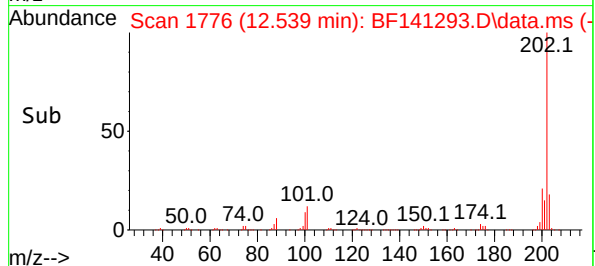
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 611492
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.5 0.0 37.5

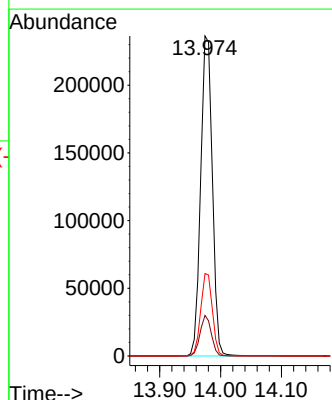
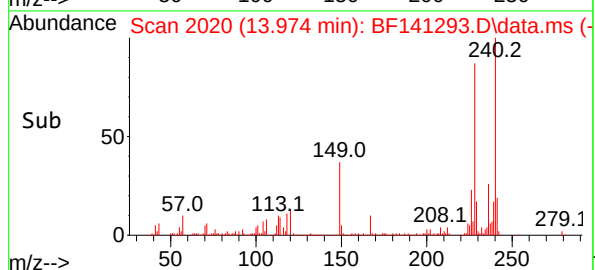
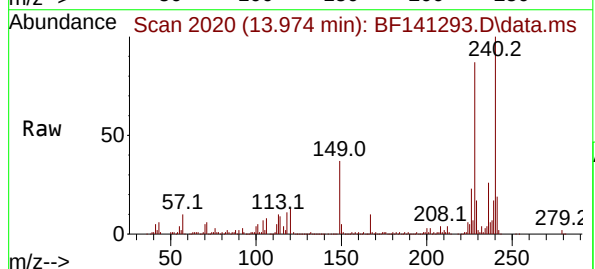
Manual Integrations
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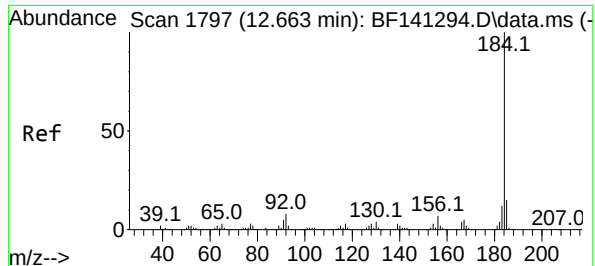
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

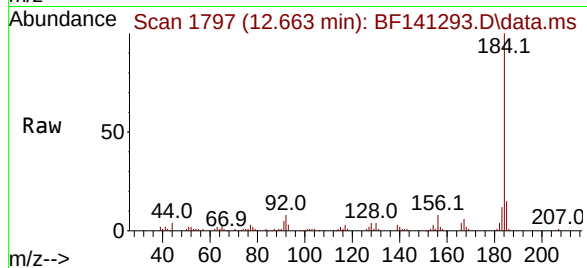
Tgt Ion:240 Resp: 314234
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 25.8 19.7 29.5





#77
Benzidine
Concen: 6.904 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

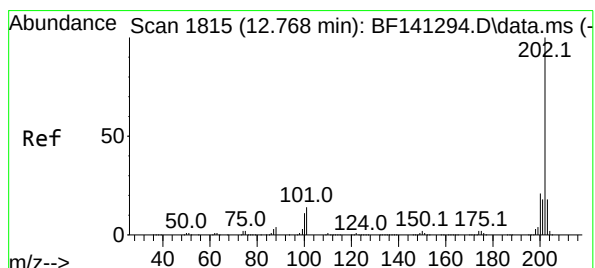
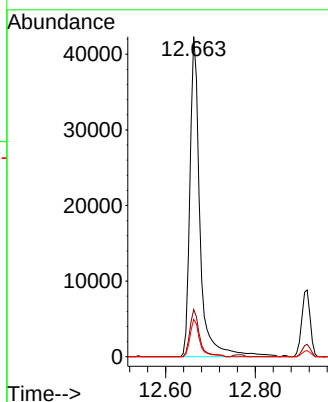
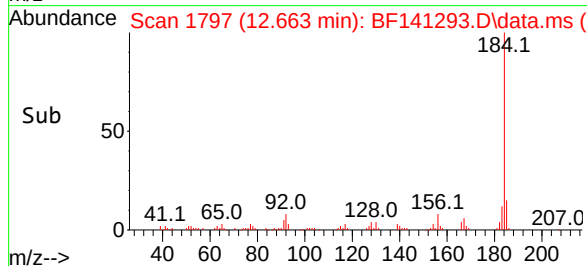
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



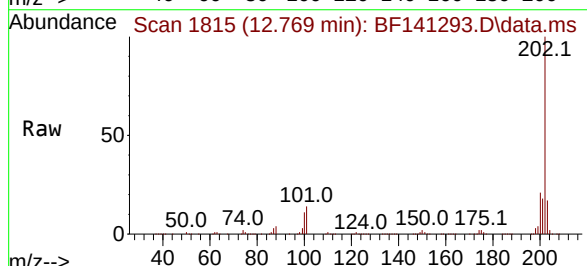
Tgt Ion:184 Resp: 65963
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.7 9.5 14.3

Manual Integrations
APPROVED

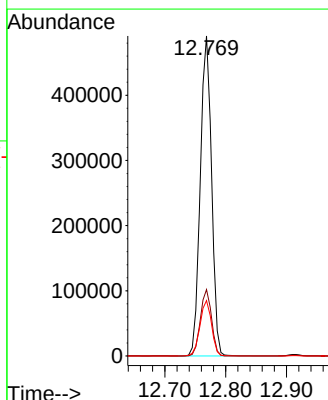
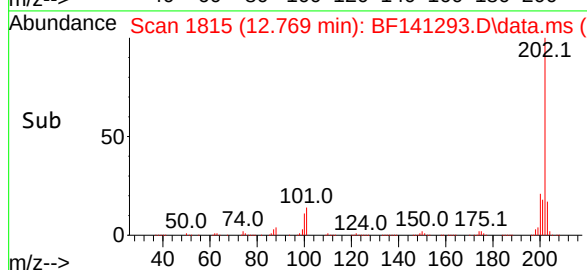
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

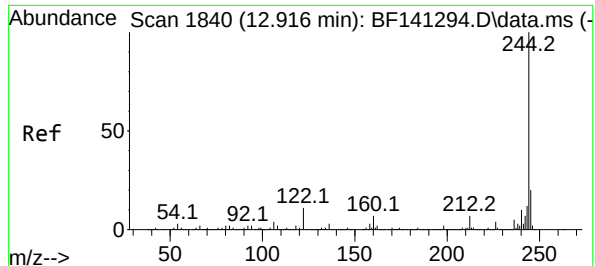


#78
Pyrene
Concen: 20.739 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:202 Resp: 629228
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 42.159 ng

RT: 12.916 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF141293.D

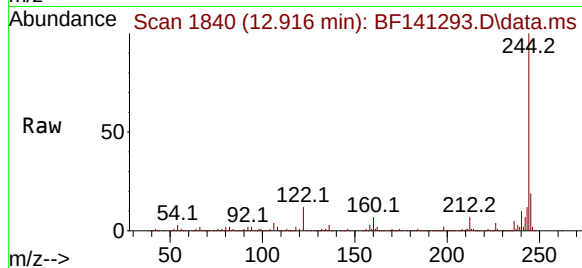
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

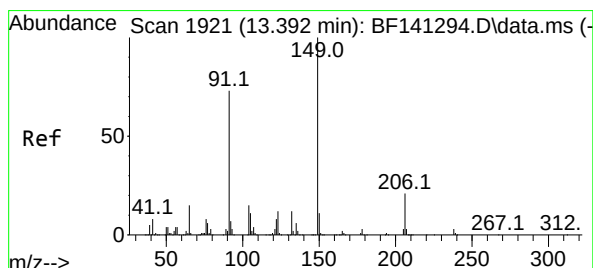
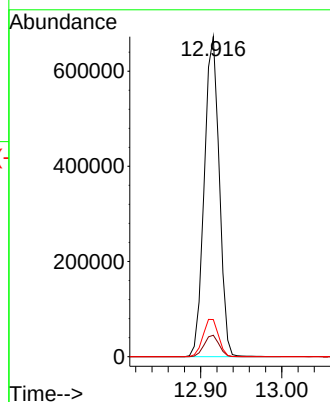
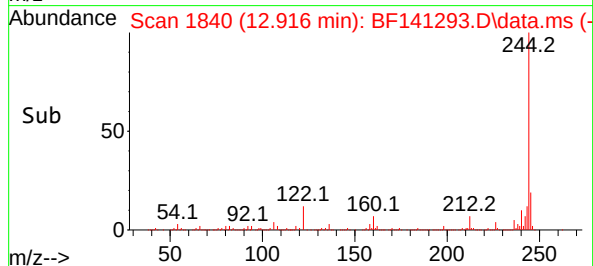


Tgt Ion:244 Resp: 860950
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#80

Butylbenzylphthalate

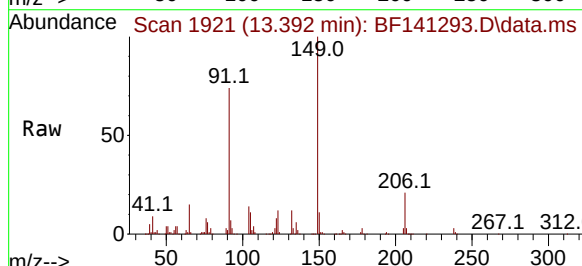
Concen: 22.149 ng

RT: 13.392 min Scan# 1921

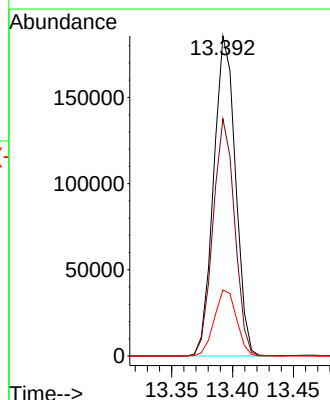
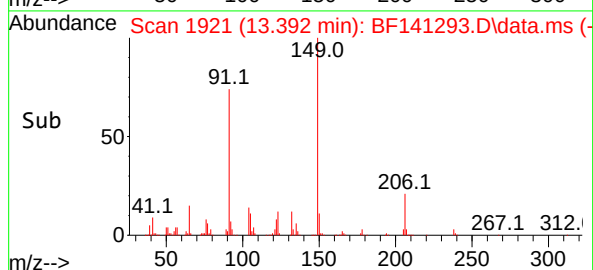
Delta R.T. 0.000 min

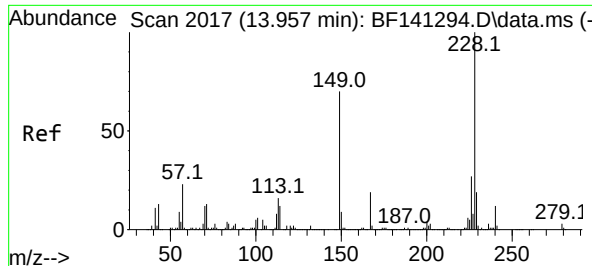
Lab File: BF141293.D

Acq: 29 Jan 2025 15:17



Tgt Ion:149 Resp: 232095
Ion Ratio Lower Upper
149 100
91 74.1 58.6 87.8
206 20.7 16.7 25.1





#81

Benzo(a)anthracene

Concen: 21.197 ng

RT: 13.968 min Scan# 2019

Delta R.T. 0.012 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 45653

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

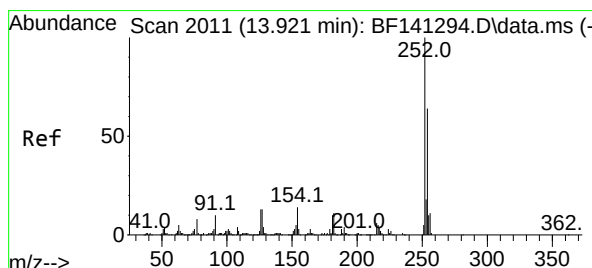
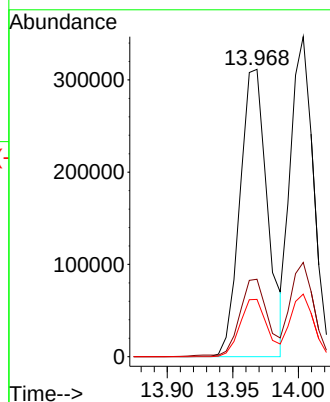
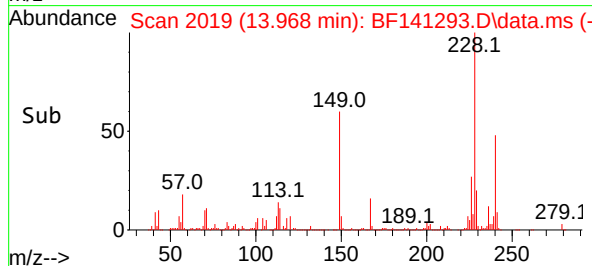
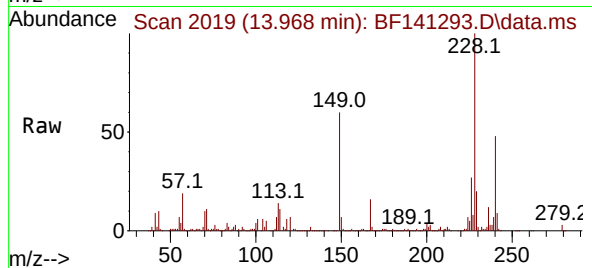
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 19.914 ng

RT: 13.927 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

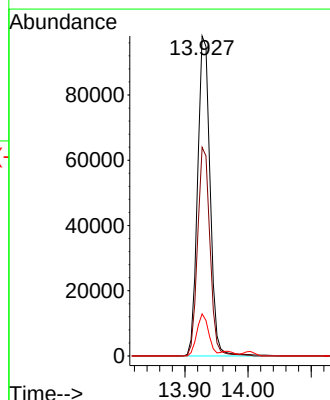
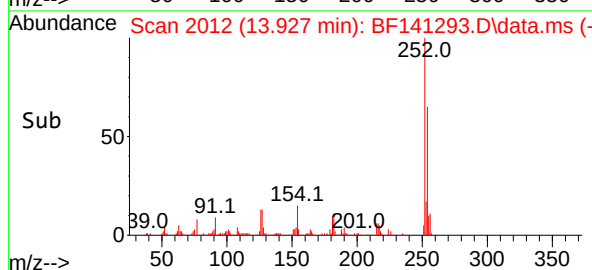
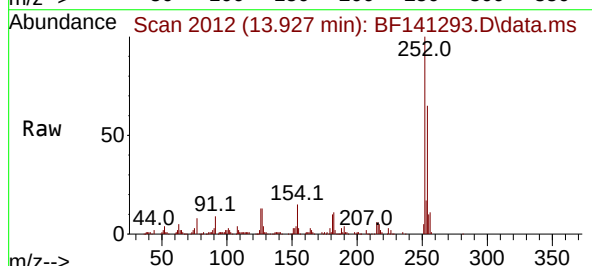
Tgt Ion:252 Resp: 134298

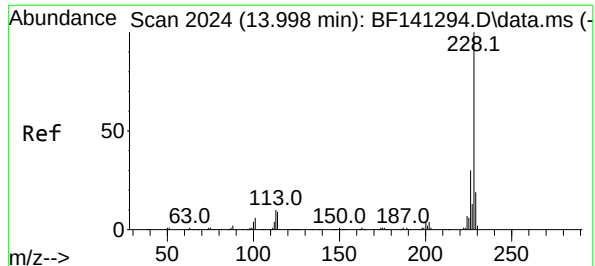
Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

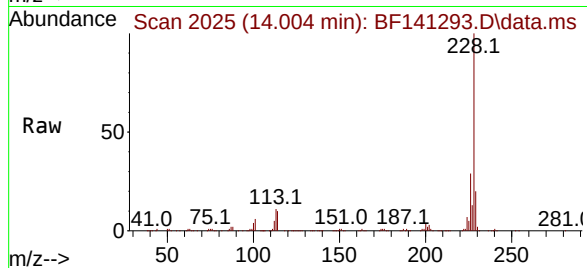
126 13.2 10.0 15.0





#83
Chrysene
Concen: 21.122 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

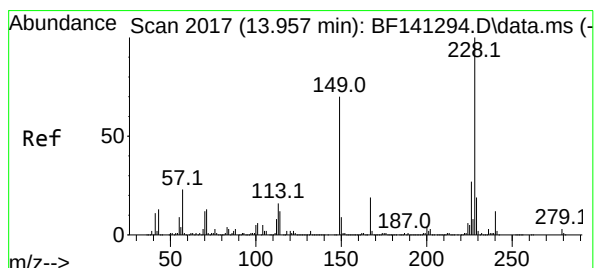
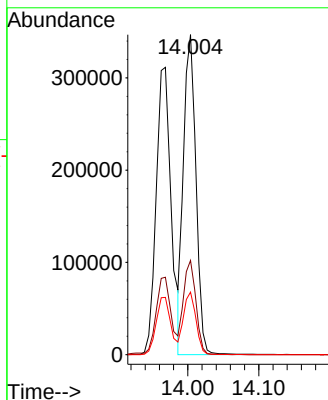
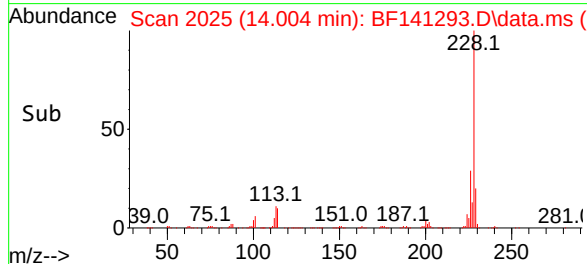
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 421849
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 19.5 15.6 23.4

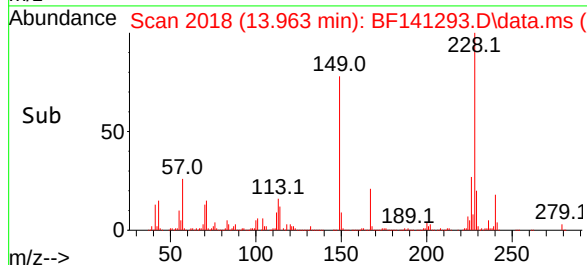
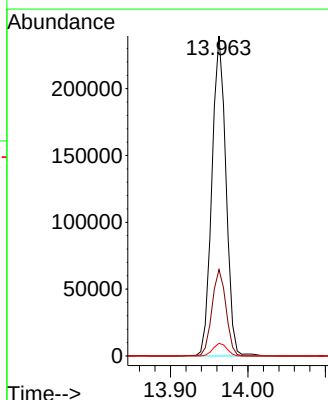
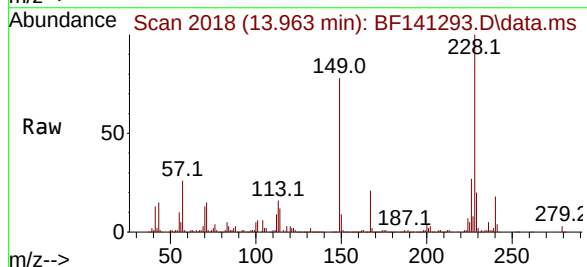
Manual Integrations
APPROVED

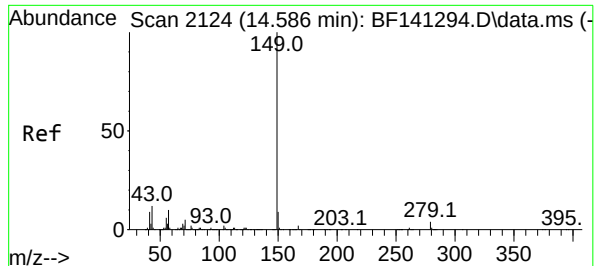
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 22.857 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

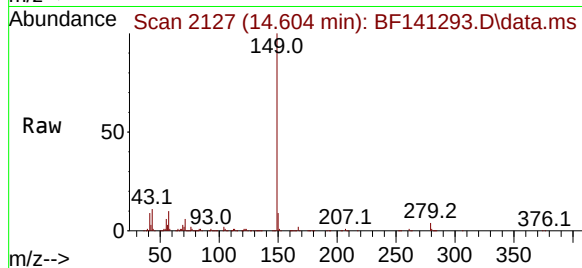
Tgt Ion:149 Resp: 300546
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 21.964 ng
RT: 14.604 min Scan# 2124
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

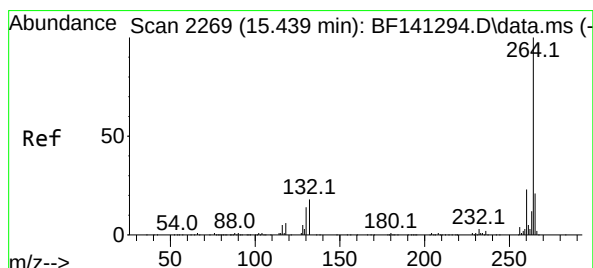
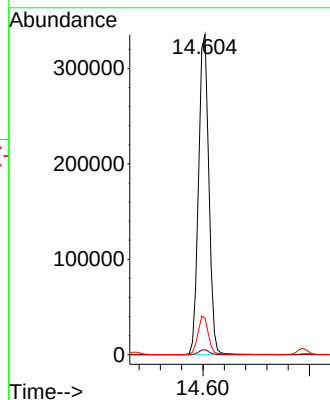
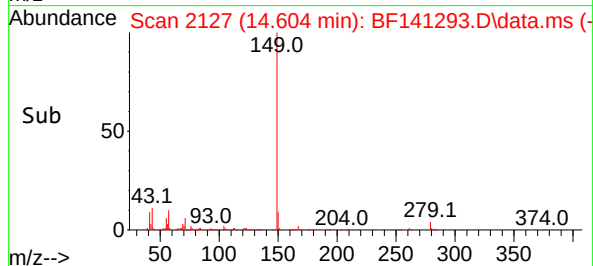
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 451748
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 9.8 14.8

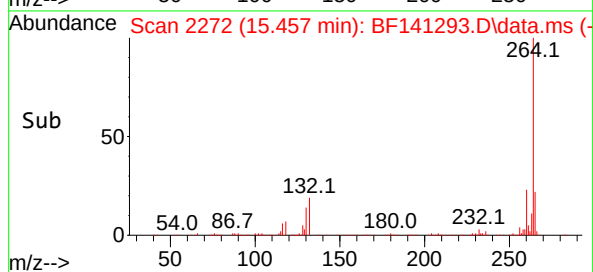
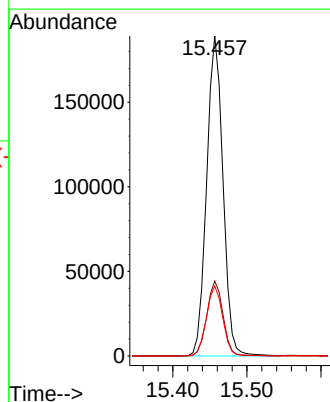
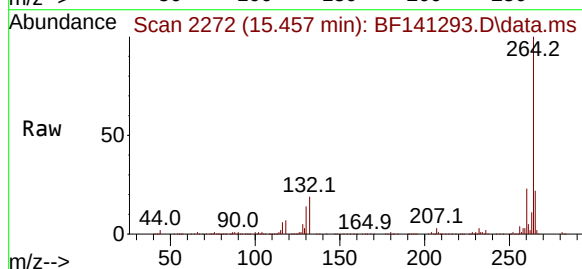
Manual Integrations
APPROVED

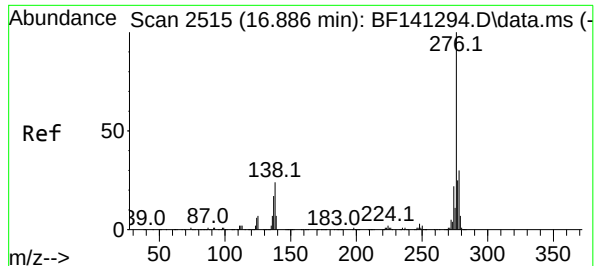
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:264 Resp: 289582
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.8 16.7 25.1





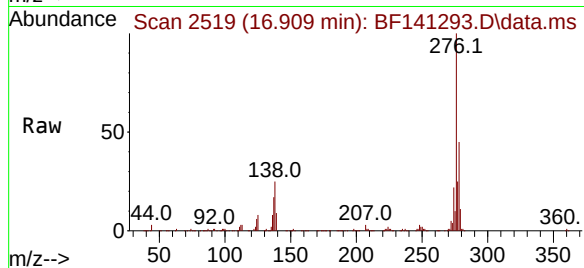
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.466 ng
RT: 16.909 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

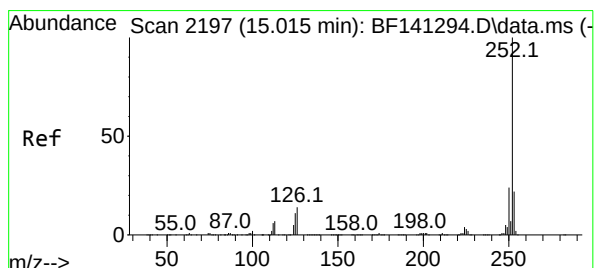
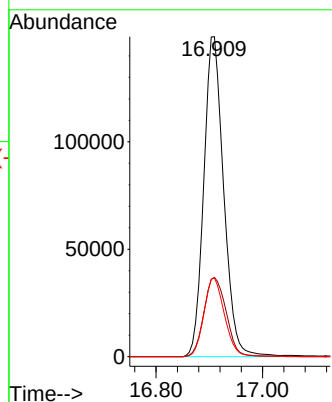
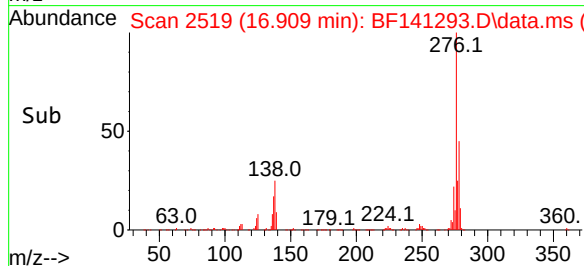


Tgt Ion:276 Resp: 387089
Ion Ratio Lower Upper
276 100
138 27.6 21.7 32.5
277 25.5 20.3 30.5

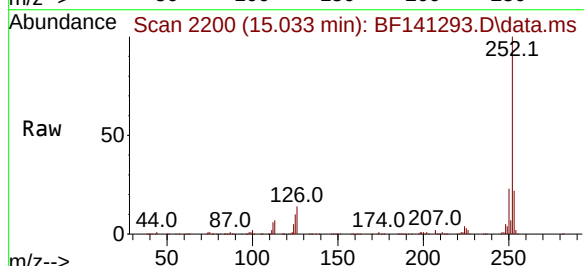
Manual Integrations

APPROVED

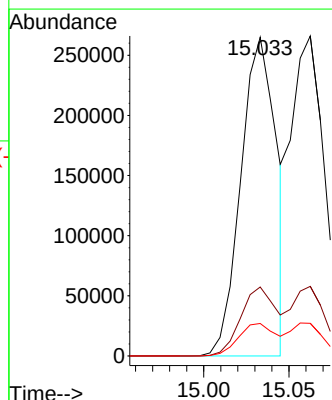
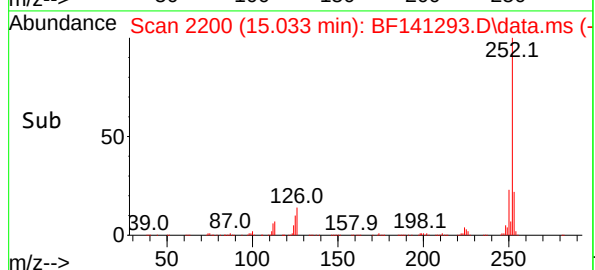
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

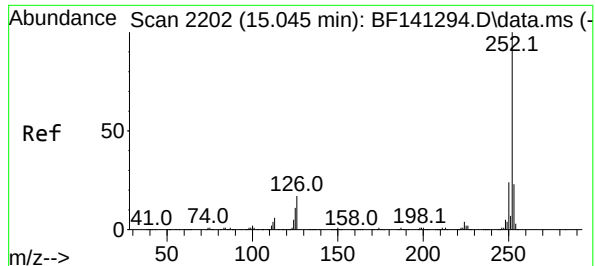


#88
Benzo(b)fluoranthene
Concen: 21.383 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:252 Resp: 384557
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.2 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 22.900 ng

RT: 15.062 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 36880

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

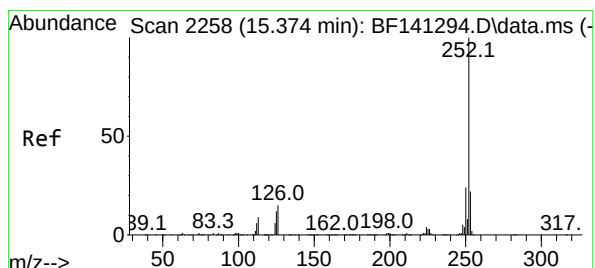
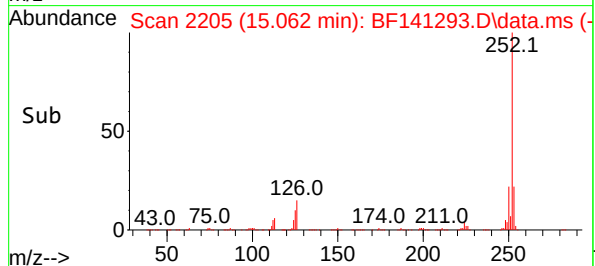
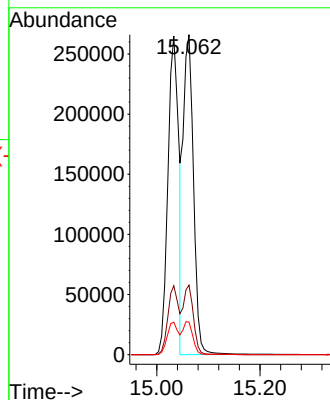
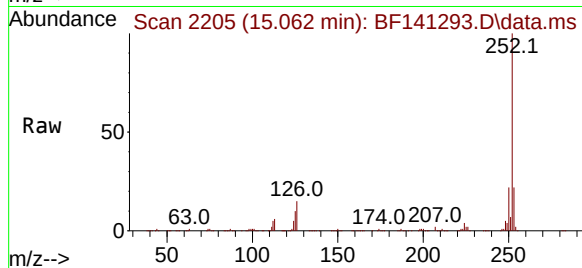
125 10.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 21.317 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

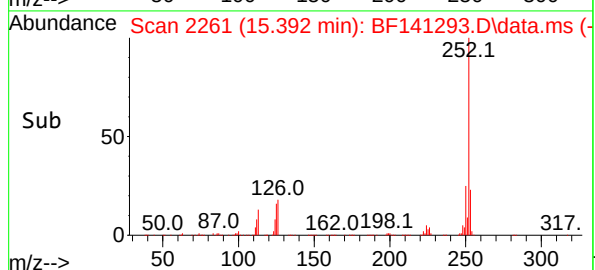
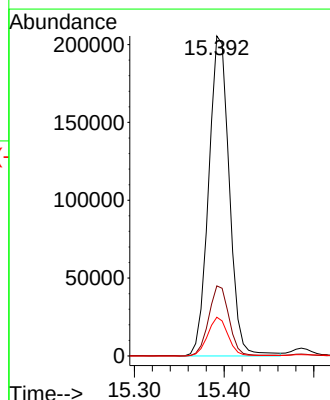
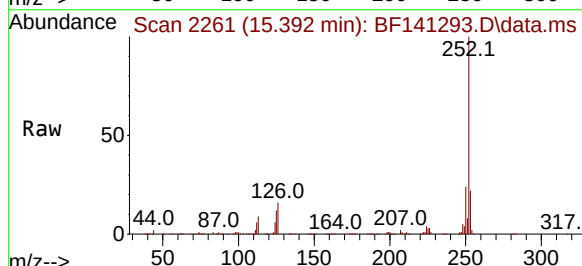
Tgt Ion:252 Resp: 327630

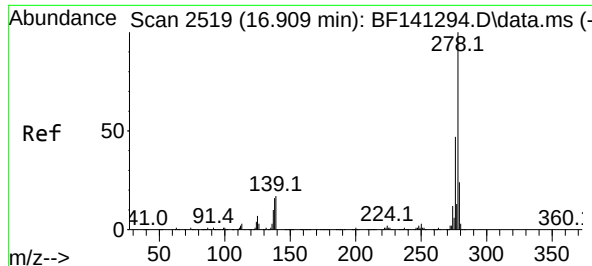
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 21.026 ng

RT: 16.927 min Scan# 2519

Delta R.T. 0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 318776

Ion Ratio Lower Upper

278 100

139 17.7 13.9 20.9

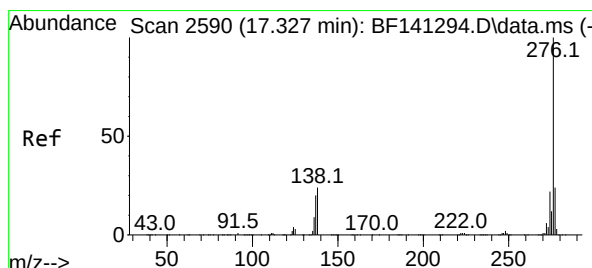
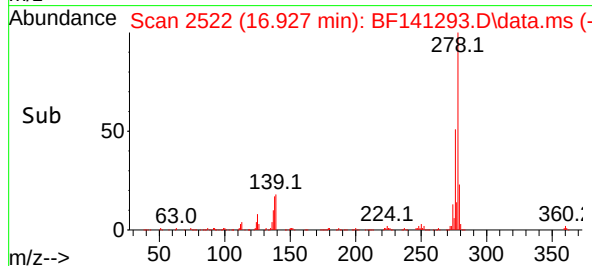
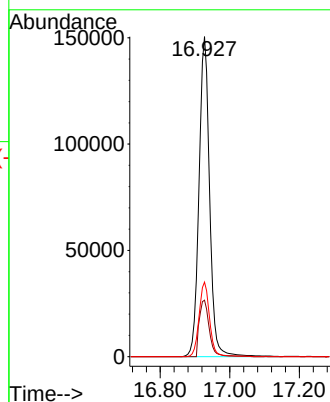
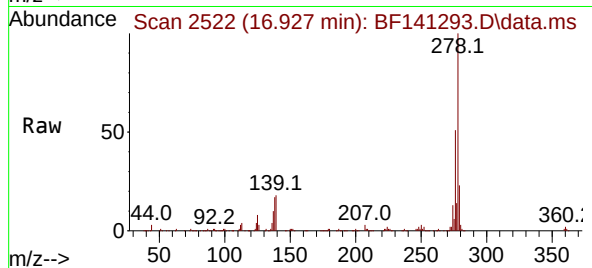
279 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#92

Benzo(g,h,i)perylene

Concen: 20.684 ng

RT: 17.345 min Scan# 2593

Delta R.T. 0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

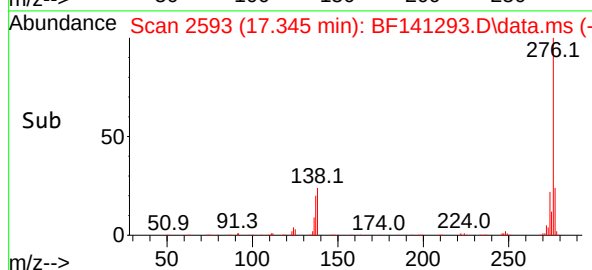
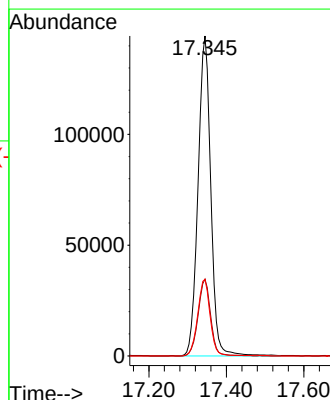
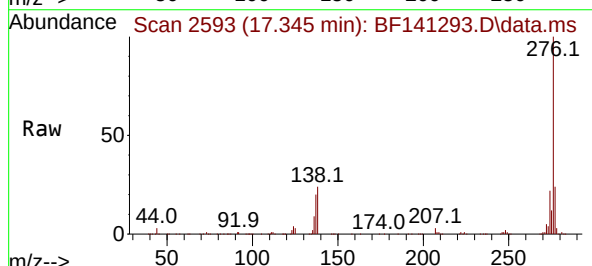
Tgt Ion:276 Resp: 329876

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.9 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141294.D
 Acq On : 29 Jan 2025 15:45
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Jan 29 16:29:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136511	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	533326	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	282995	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	458392	20.000	ng	0.00
76) Chrysene-d12	13.968	240	260600	20.000	ng	0.00
86) Perylene-d12	15.439	264	279417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	655671	74.279	ng	0.00
7) Phenol-d6	6.428	99	829746	73.753	ng	0.00
23) Nitrobenzene-d5	7.363	82	755539	74.958	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	195693	75.888	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1339709	73.029	ng	0.00
79) Terphenyl-d14	12.916	244	1232977	72.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	146751	37.453	ng	100
3) Pyridine	3.216	79	360381	38.457	ng	100
4) n-Nitrosodimethylamine	3.169	42	205026	38.203	ng	100
6) Aniline	6.463	93	371145	39.471	ng	100
8) 2-Chlorophenol	6.581	128	354141	37.357	ng	100
9) Benzaldehyde	6.345	77	244365	37.402	ng	100
10) Phenol	6.439	94	448441	37.678	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	336429	36.754	ng	100
12) 1,3-Dichlorobenzene	6.739	146	390276	37.328	ng	100
13) 1,4-Dichlorobenzene	6.816	146	390834	37.119	ng	100
14) 1,2-Dichlorobenzene	6.969	146	365173	37.114	ng	100
15) Benzyl Alcohol	6.939	79	295478	38.445	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	597590	37.578	ng	100
17) 2-Methylphenol	7.051	107	284578	37.077	ng	100
18) Hexachloroethane	7.310	117	144619	37.124	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	244379	36.524	ng	100
20) 3+4-Methylphenols	7.204	107	351248	37.222	ng	100
22) Acetophenone	7.210	105	465165	36.793	ng	100
24) Nitrobenzene	7.381	77	396149	37.893	ng	100
25) Isophorone	7.622	82	651994	37.429	ng	100
26) 2-Nitrophenol	7.698	139	188435	38.483	ng	100
27) 2,4-Dimethylphenol	7.733	122	239376	38.255	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	414781	37.367	ng	100
29) 2,4-Dichlorophenol	7.939	162	288763	37.768	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	323865	36.932	ng	100
31) Naphthalene	8.104	128	1041107	37.116	ng	100
32) Benzoic acid	7.845	122	235596	41.459	ng	100
33) 4-Chloroaniline	8.151	127	361001	38.313	ng	100
34) Hexachlorobutadiene	8.222	225	190772	37.169	ng	100
35) Caprolactam	8.516	113	94819	38.342	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	305768	37.262	ng	100
37) 2-Methylnaphthalene	8.792	142	666038	37.286	ng	100
38) 1-Methylnaphthalene	8.892	142	646346	36.938	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	302471	37.591	ng	100
41) Hexachlorocyclopentadiene	8.945	237	97299	40.295	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	205797	39.181	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141294.D
 Acq On : 29 Jan 2025 15:45
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Jan 29 16:29:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

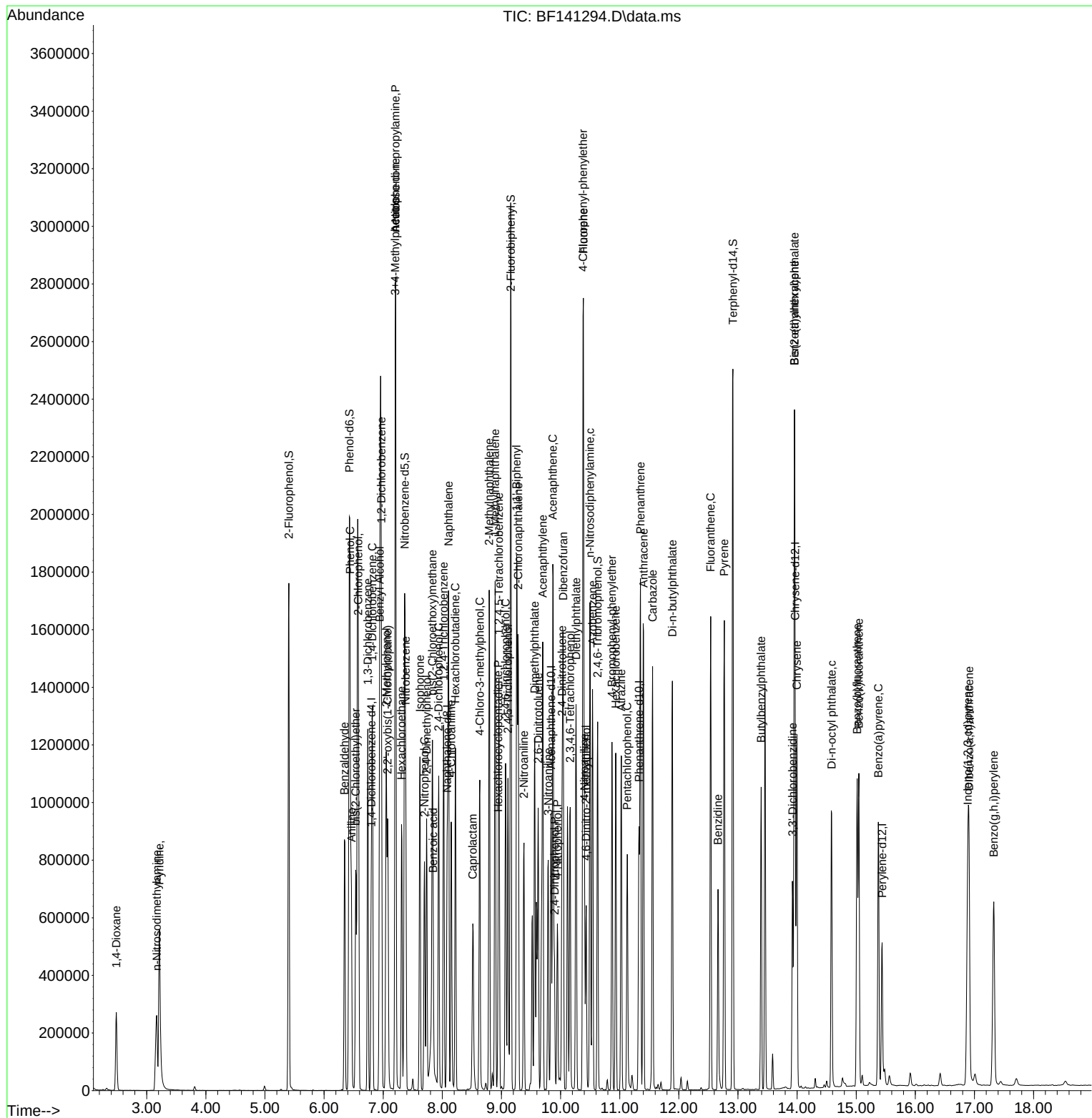
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	213401	37.346	ng	100
46) 1,1'-Biphenyl	9.257	154	823004	37.278	ng	100
47) 2-Chloronaphthalene	9.280	162	634814	37.020	ng	100
48) 2-Nitroaniline	9.380	65	205997	38.089	ng	100
49) Acenaphthylene	9.698	152	902715	37.483	ng	100
50) Dimethylphthalate	9.563	163	701107	36.945	ng	100
51) 2,6-Dinitrotoluene	9.622	165	167409	37.909	ng	100
52) Acenaphthene	9.869	154	638597	37.266	ng	100
53) 3-Nitroaniline	9.792	138	171409	39.240	ng	100
54) 2,4-Dinitrophenol	9.898	184	83282	40.011	ng	100
55) Dibenzofuran	10.045	168	859175	37.490	ng	100
56) 4-Nitrophenol	9.945	139	126536	40.349	ng	100
57) 2,4-Dinitrotoluene	10.027	165	218627	38.382	ng	100
58) Fluorene	10.386	166	660612	37.076	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	172174	38.138	ng	100
60) Diethylphthalate	10.263	149	693066	37.710	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	321112	36.929	ng	100
62) 4-Nitroaniline	10.404	138	164154	39.120	ng	100
63) Azobenzene	10.539	77	693050	37.621	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	114735	41.914	ng	100
66) n-Nitrosodiphenylamine	10.498	169	573712	38.602	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	198895	38.815	ng	100
68) Hexachlorobenzene	10.933	284	209735	38.586	ng	100
69) Atrazine	11.027	200	195062	39.131	ng	100
70) Pentachlorophenol	11.127	266	131295	41.196	ng	100
71) Phenanthrene	11.351	178	940021	38.175	ng	100
72) Anthracene	11.404	178	925244	38.521	ng	100
73) Carbazole	11.557	167	824095	38.735	ng	100
74) Di-n-butylphthalate	11.892	149	995172	38.805	ng	100
75) Fluoranthene	12.539	202	928946	38.650	ng	100
77) Benzidine	12.663	184	380623	48.034	ng	100
78) Pyrene	12.768	202	914205	36.333	ng	100
80) Butylbenzylphthalate	13.392	149	326158	37.532	ng	100
81) Benzo(a)anthracene	13.957	228	661997	37.062	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	217856	38.953	ng	100
83) Chrysene	13.998	228	591939	35.738	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	409365	37.540	ng	100
85) Di-n-octyl phthalate	14.586	149	640977	37.578	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	702692	38.503	ng	100
88) Benzo(b)fluoranthene	15.015	252	625758	36.061	ng	100
89) Benzo(k)fluoranthene	15.045	252	605401	38.959	ng	100
90) Benzo(a)pyrene	15.374	252	564975	38.096	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	567762	38.812	ng	100
92) Benzo(g,h,i)perylene	17.327	276	582768	37.870	ng	100

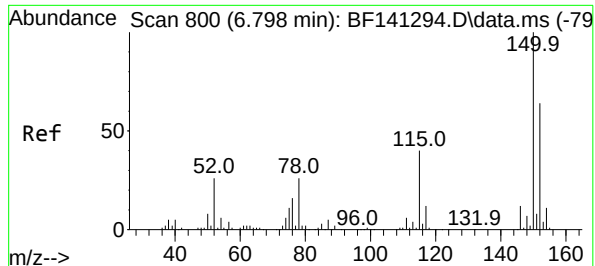
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141294.D
Acq On : 29 Jan 2025 15:45
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

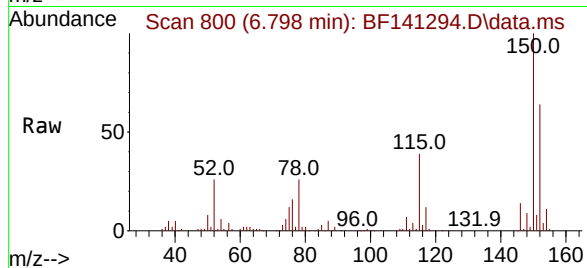
Quant Time: Jan 29 16:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration



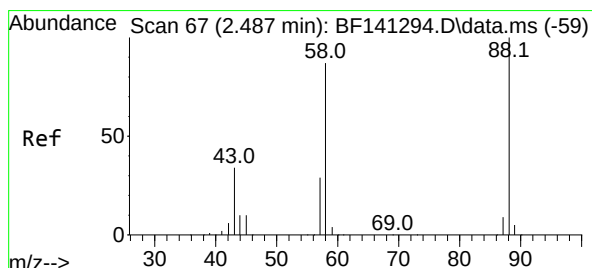
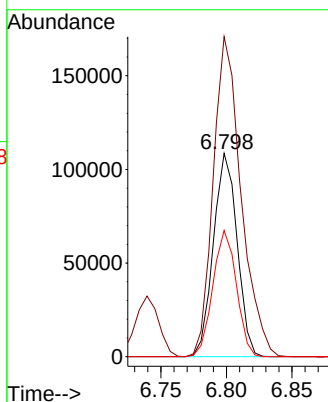
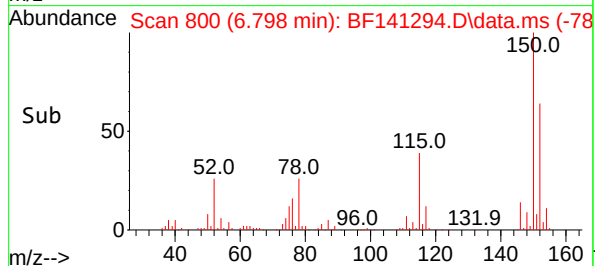


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

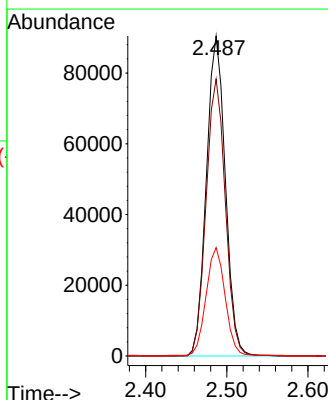
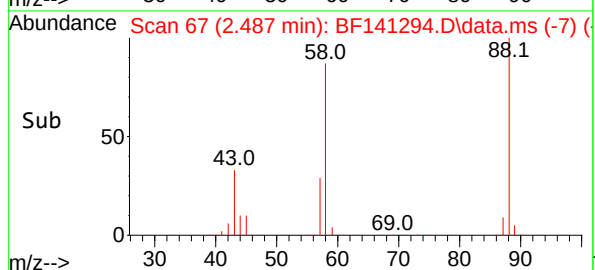
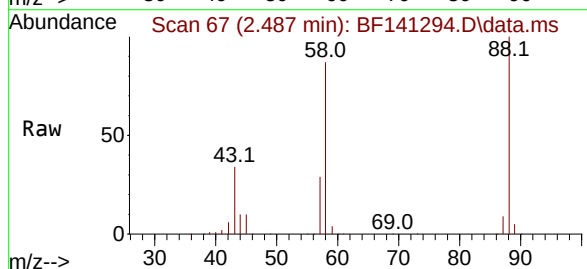


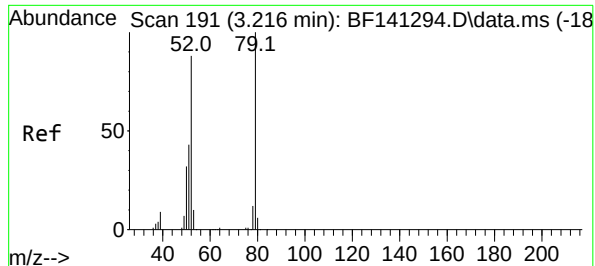
Tgt Ion:152 Resp: 136511
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 62.1 49.7 74.5



#2
1,4-Dioxane
Concen: 37.453 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 88 Resp: 146751
Ion Ratio Lower Upper
88 100
58 87.8 70.2 105.4
43 34.5 27.6 41.4





#3

Pyridine

Concen: 38.457 ng

RT: 3.216 min Scan# 191

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

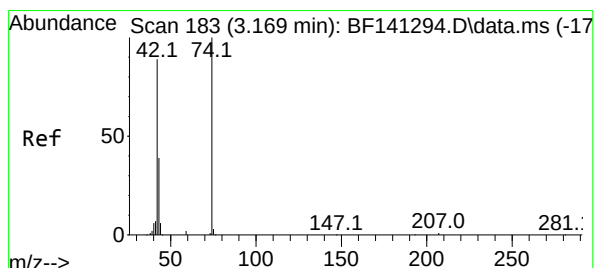
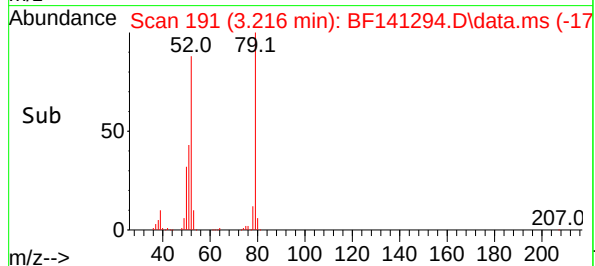
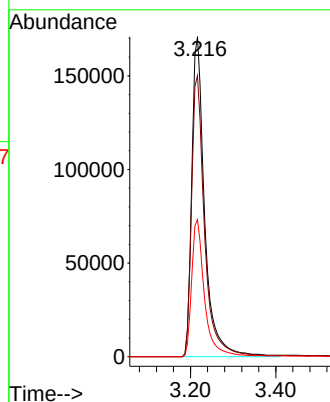
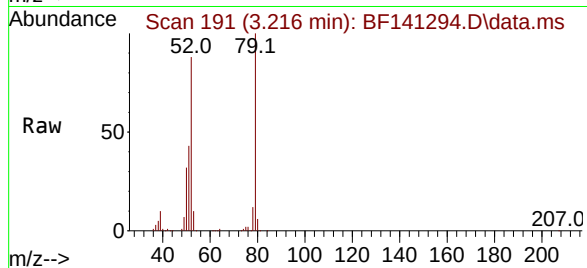
Tgt Ion: 79 Resp: 360381

Ion Ratio Lower Upper

79 100

52 87.9 70.3 105.5

51 42.9 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 38.203 ng

RT: 3.169 min Scan# 183

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

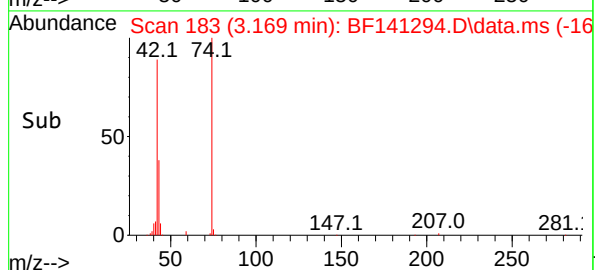
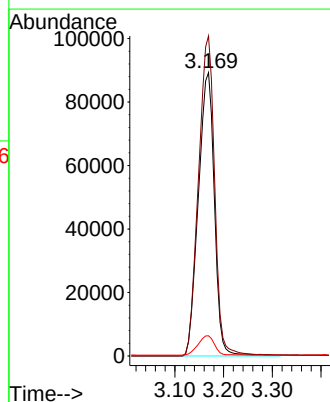
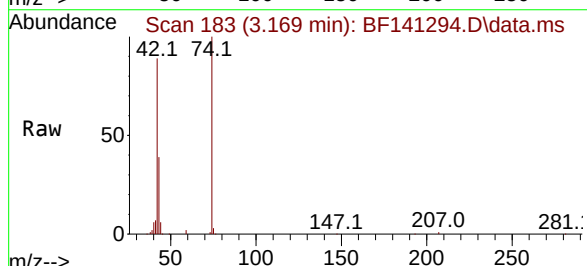
Tgt Ion: 42 Resp: 205026

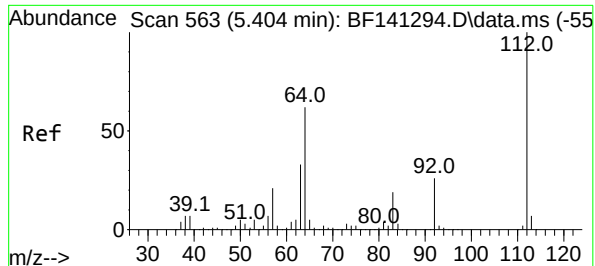
Ion Ratio Lower Upper

42 100

74 112.9 90.3 135.5

44 7.1 5.7 8.5

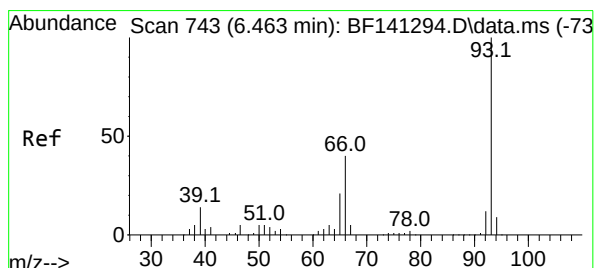
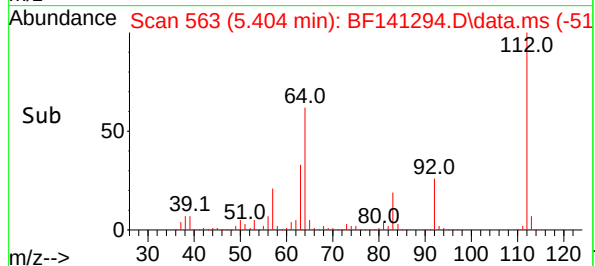
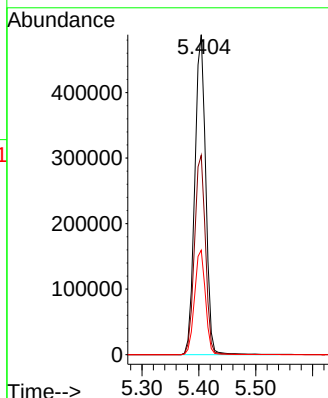
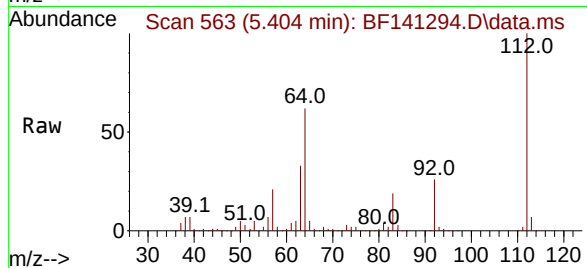




#5
2-Fluorophenol
Concen: 74.279 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

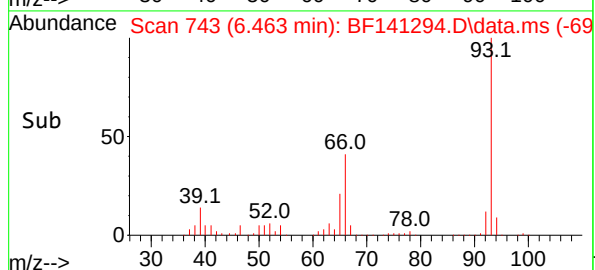
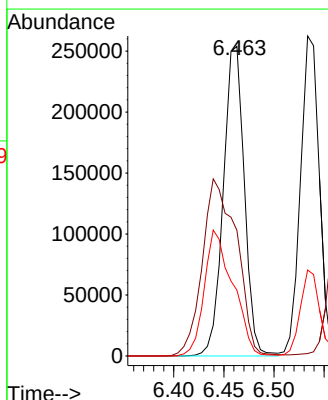
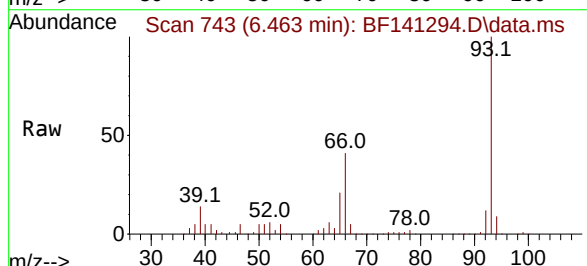
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

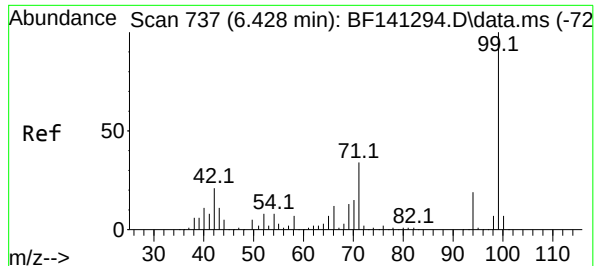
Tgt Ion:112 Resp: 655671
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 32.6 26.1 39.1



#6
Aniline
Concen: 39.471 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 93 Resp: 371145
Ion Ratio Lower Upper
93 100
66 40.6 32.5 48.7
65 21.3 17.0 25.6





#7

Phenol-d6

Concen: 73.753 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

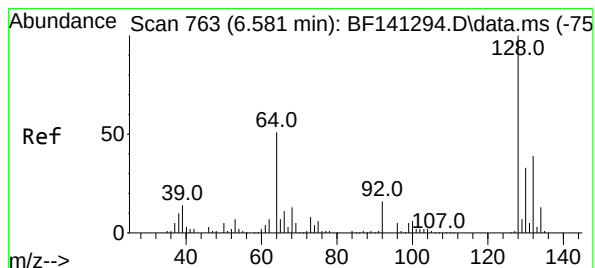
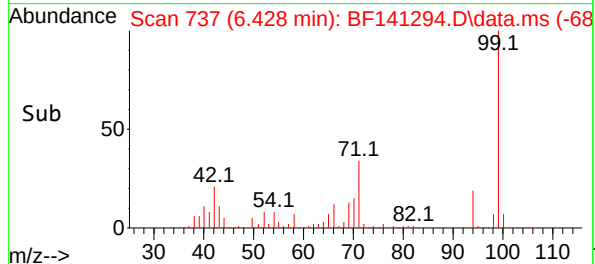
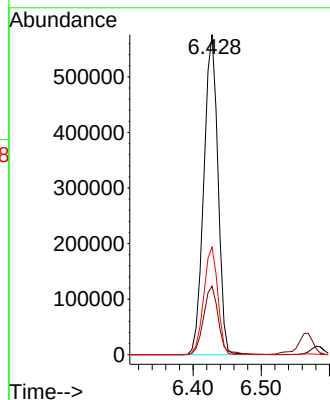
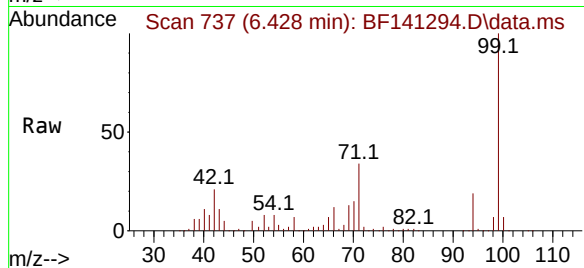
Tgt Ion: 99 Resp: 829746

Ion Ratio Lower Upper

99 100

42 21.4 17.1 25.7

71 33.6 26.9 40.3



#8

2-Chlorophenol

Concen: 37.357 ng

RT: 6.581 min Scan# 763

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

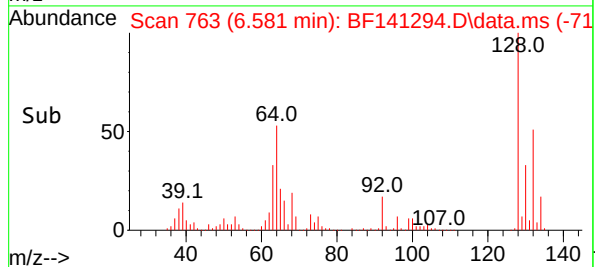
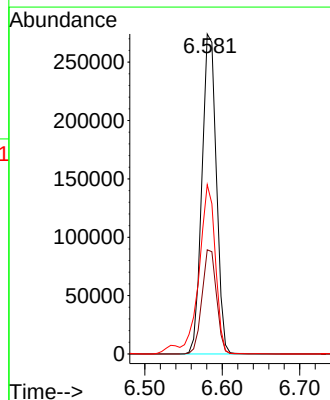
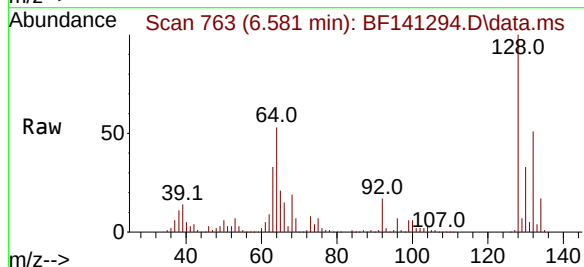
Tgt Ion:128 Resp: 354141

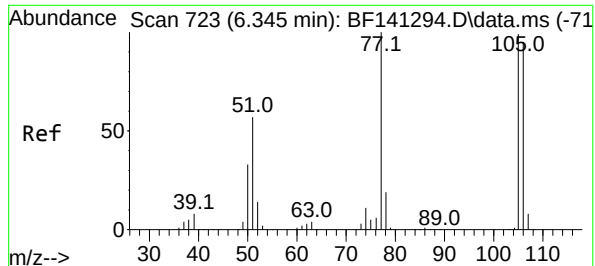
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 52.9 32.9 72.9





#9

Benzaldehyde

Concen: 37.402 ng

RT: 6.345 min Scan# 723

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

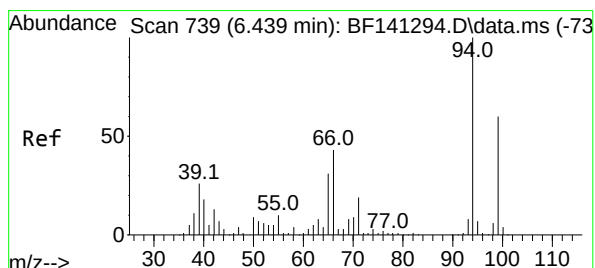
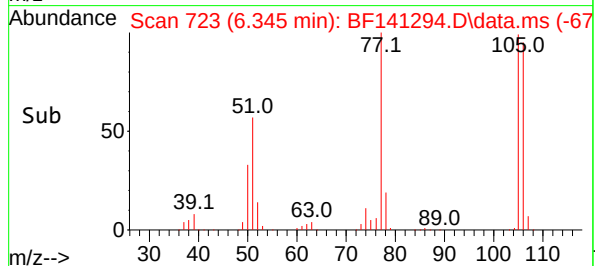
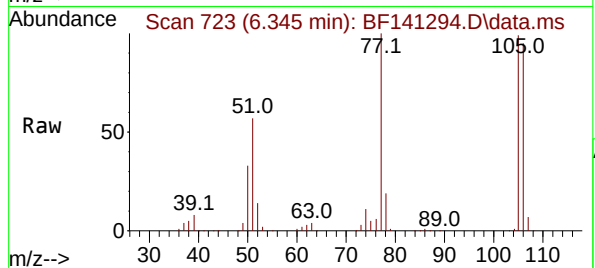
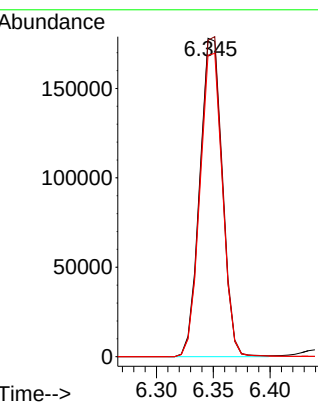
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 244365

Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.4	119.4
106	94.6	74.6	114.6



#10

Phenol

Concen: 37.678 ng

RT: 6.439 min Scan# 739

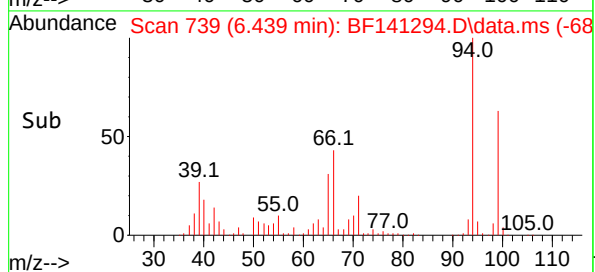
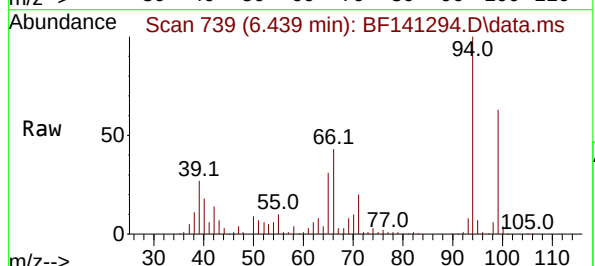
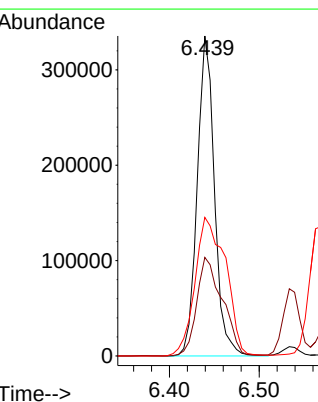
Delta R.T. 0.000 min

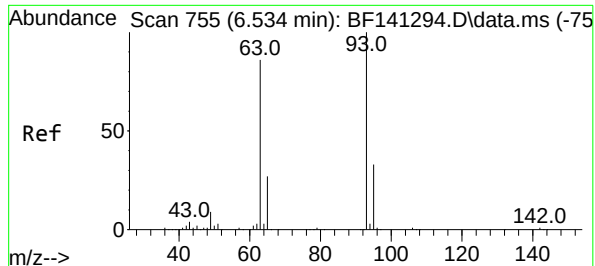
Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Tgt Ion: 94 Resp: 448441

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.8	50.8
66	43.3	23.3	63.3





#11

bis(2-Chloroethyl)ether

Concen: 36.754 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

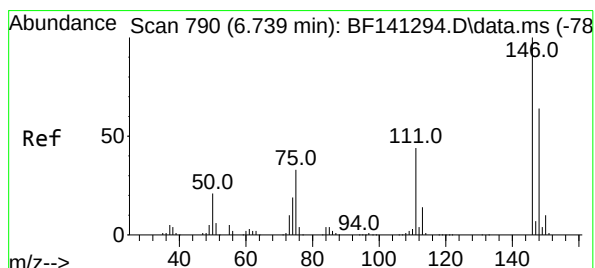
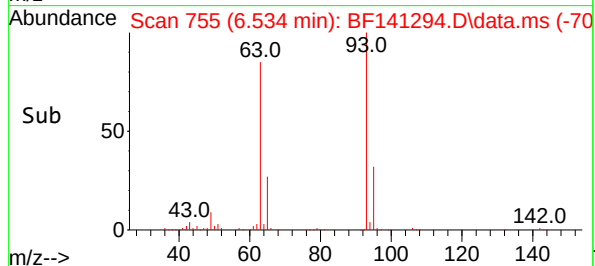
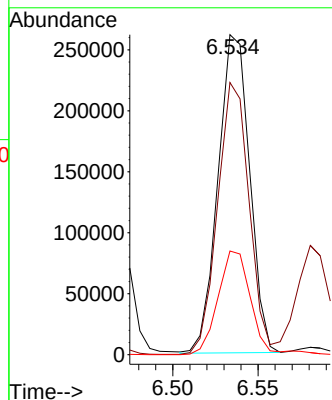
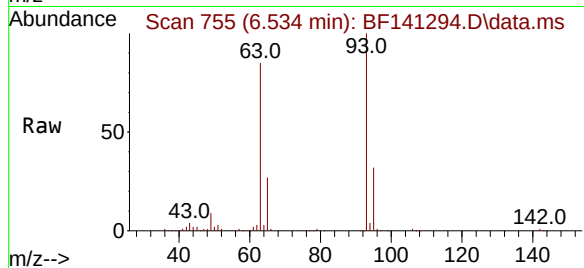
Tgt Ion: 93 Resp: 336429

Ion Ratio Lower Upper

93 100

63 85.0 65.0 105.0

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.328 ng

RT: 6.739 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

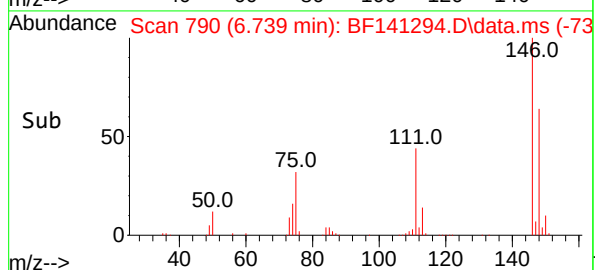
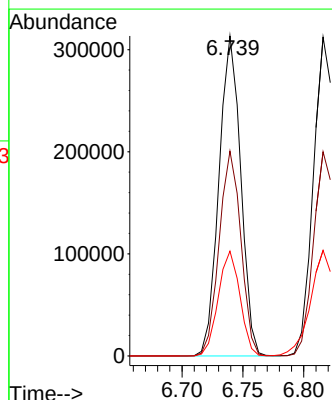
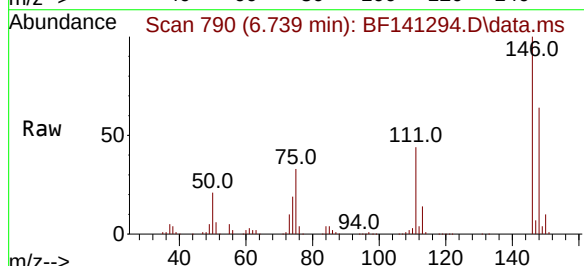
Tgt Ion: 146 Resp: 390276

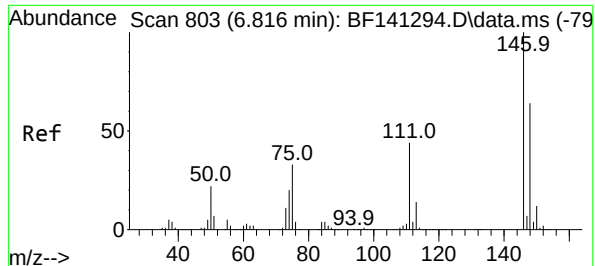
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

75 32.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.119 ng

RT: 6.816 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

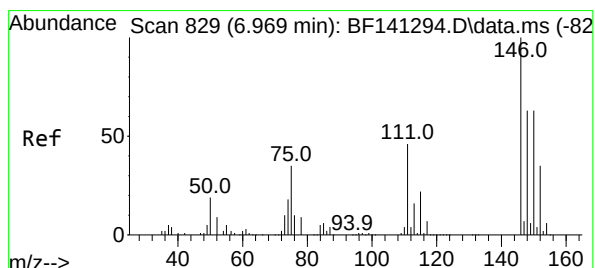
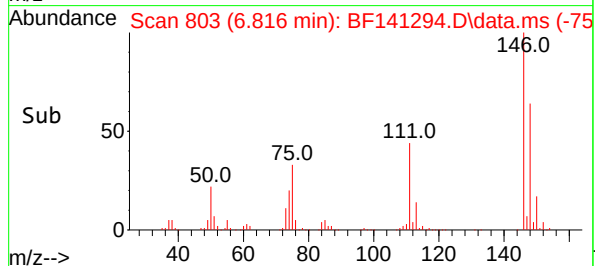
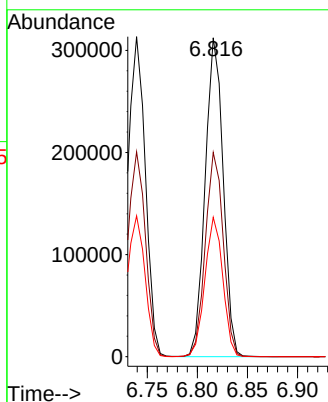
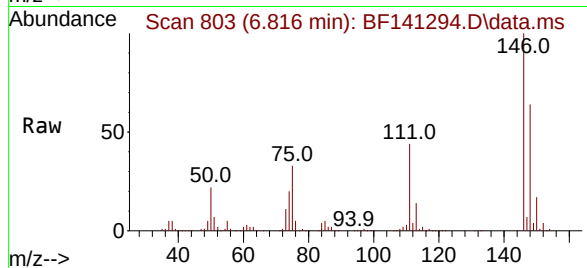
Tgt Ion:146 Resp: 390834

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 43.7 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 37.114 ng

RT: 6.969 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

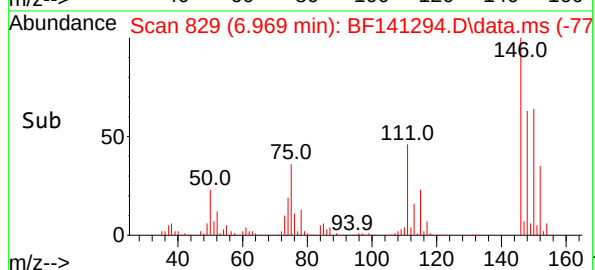
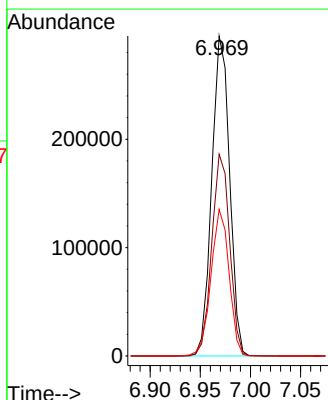
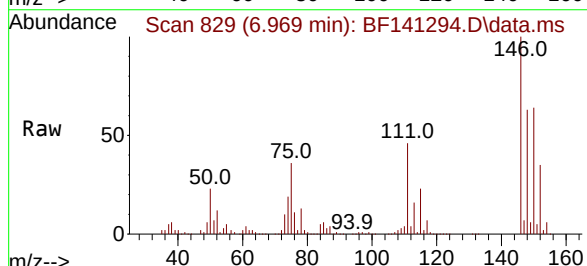
Tgt Ion:146 Resp: 365173

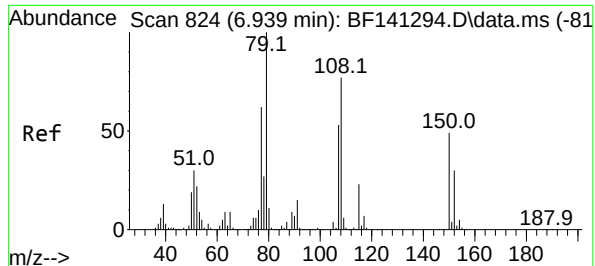
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 45.8 36.6 55.0





#15

Benzyl Alcohol

Concen: 38.445 ng

RT: 6.939 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

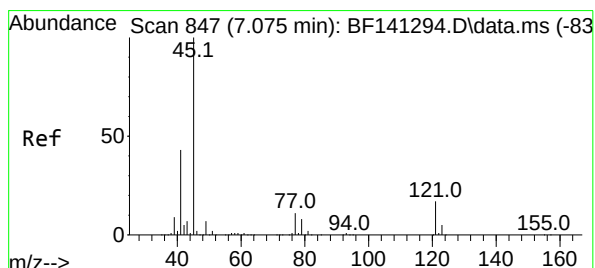
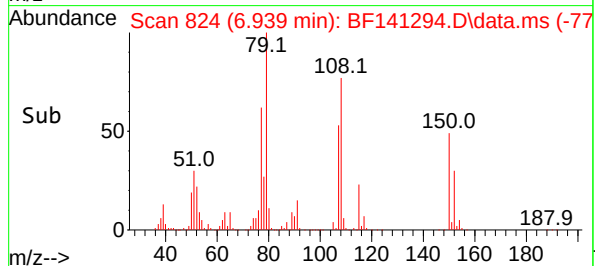
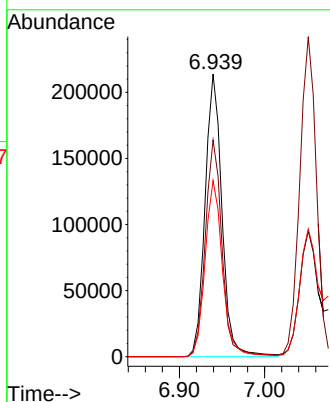
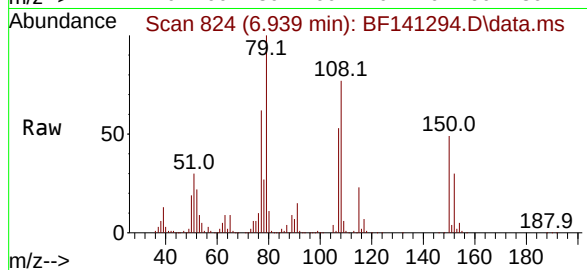
Tgt Ion: 79 Resp: 295478

Ion Ratio Lower Upper

79 100

108 76.7 61.4 92.0

77 62.4 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.578 ng

RT: 7.075 min Scan# 847

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

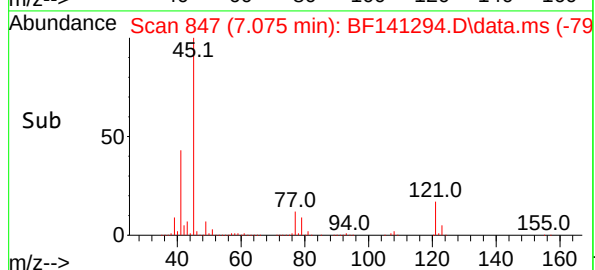
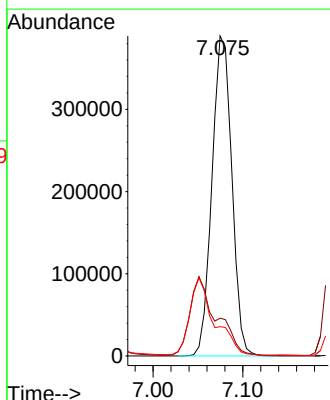
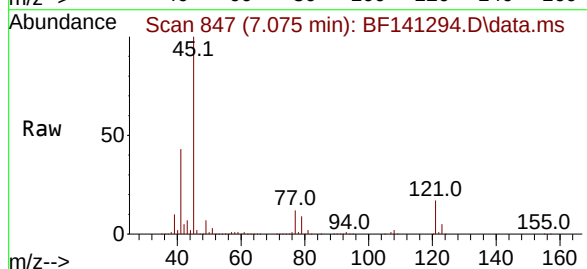
Tgt Ion: 45 Resp: 597590

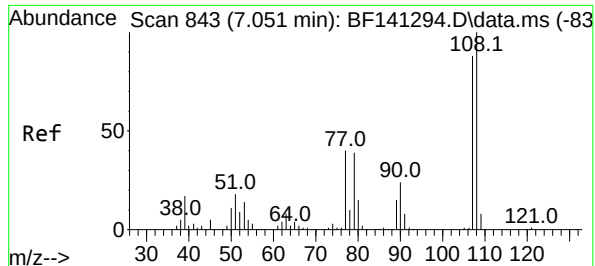
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.8

79 9.1 0.0 29.1

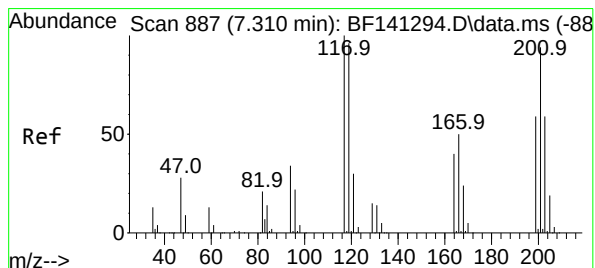
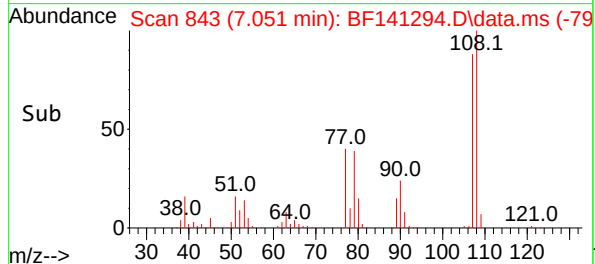
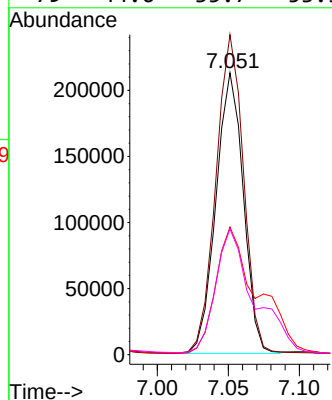
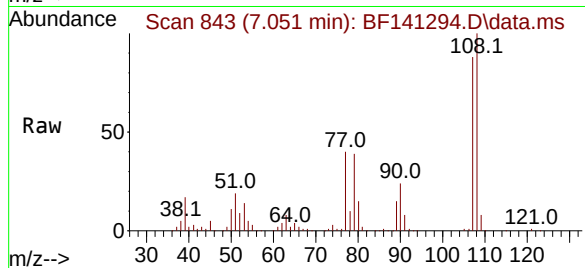




#17
2-Methylphenol
Concen: 37.077 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

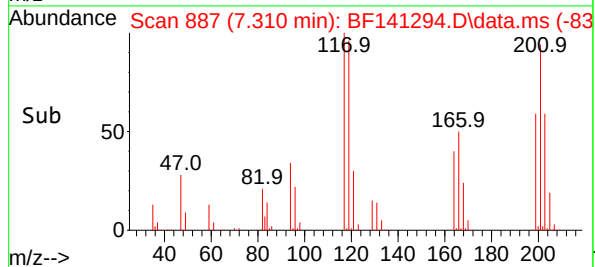
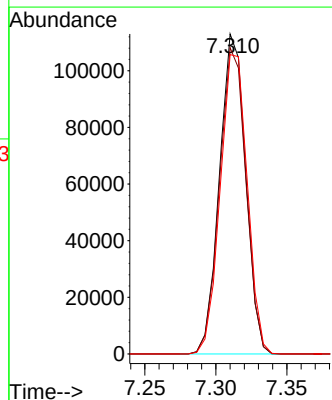
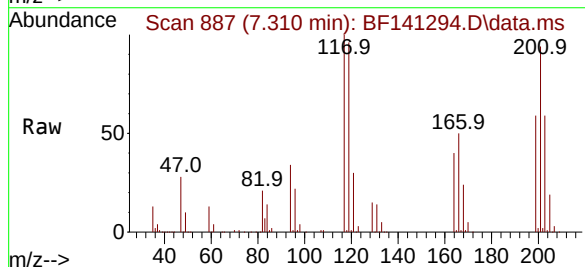
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

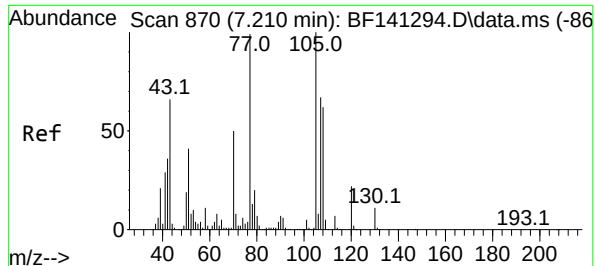
Tgt Ion:107 Resp: 284578
Ion Ratio Lower Upper
107 100
108 113.5 90.8 136.2
77 45.3 36.2 54.4
79 44.6 35.7 53.5



#18
Hexachloroethane
Concen: 37.124 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:117 Resp: 144619
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 93.5 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.524 ng

RT: 7.210 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 244379

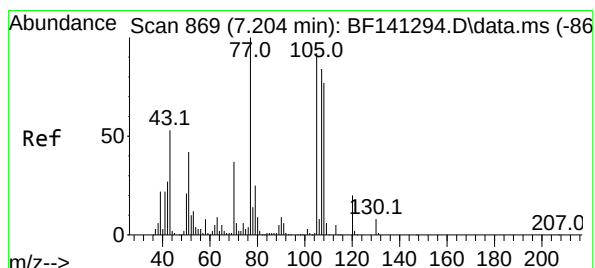
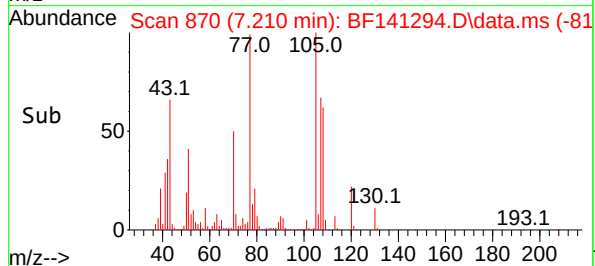
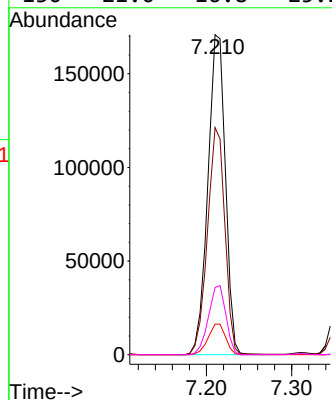
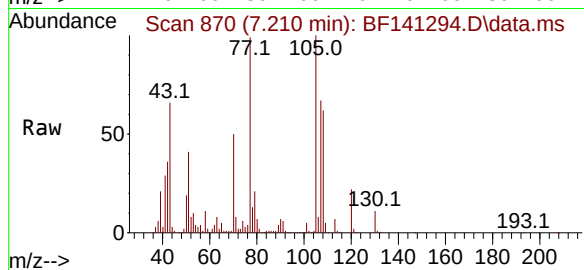
Ion Ratio Lower Upper

70 100

42 71.0 56.8 85.2

101 9.6 7.7 11.5

130 21.0 16.8 25.2



#20

3+4-Methylphenols

Concen: 37.222 ng

RT: 7.204 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Tgt Ion: 107 Resp: 351248

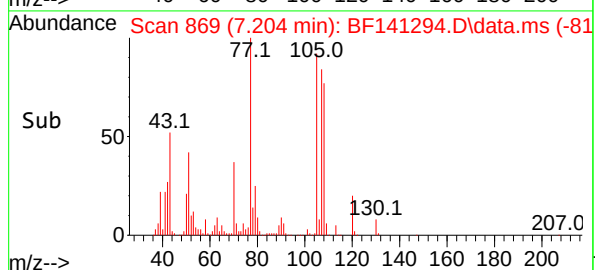
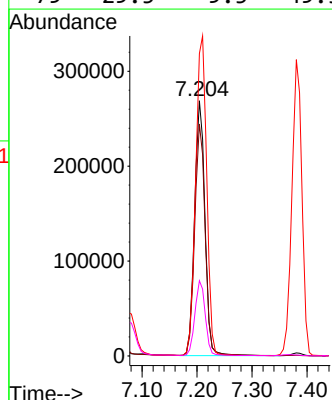
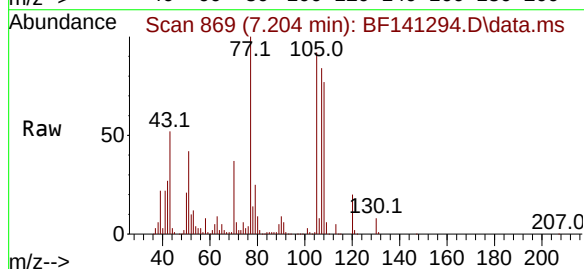
Ion Ratio Lower Upper

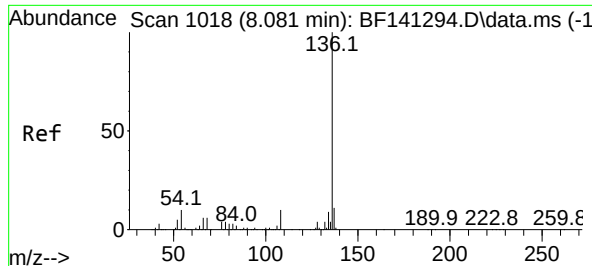
107 100

108 90.9 70.9 110.9

77 118.5 98.5 138.5

79 29.5 9.5 49.5

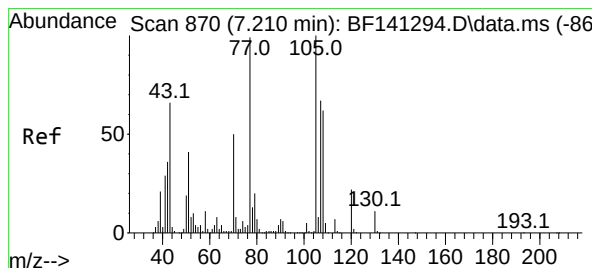
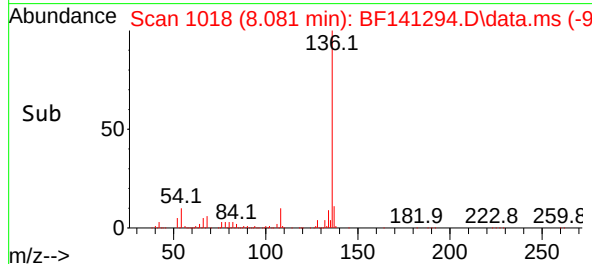
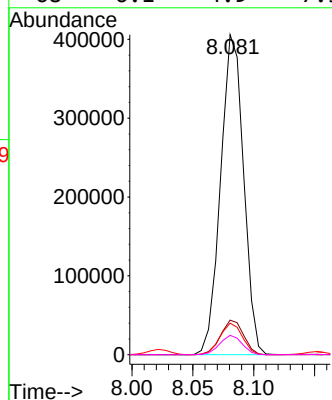
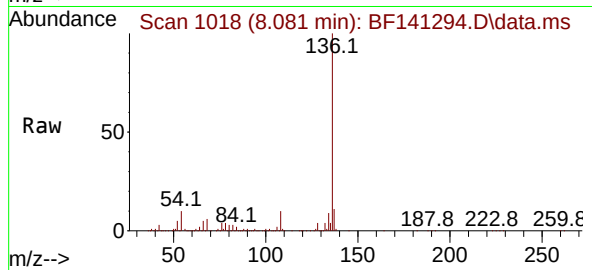




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

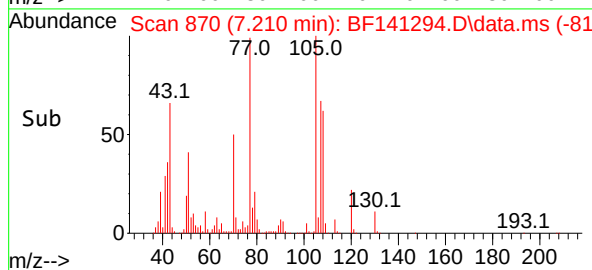
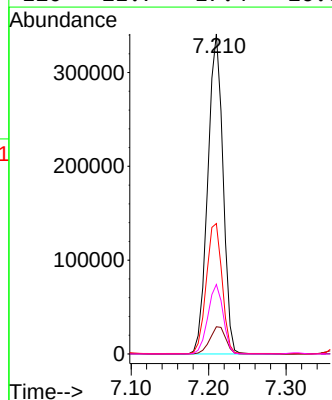
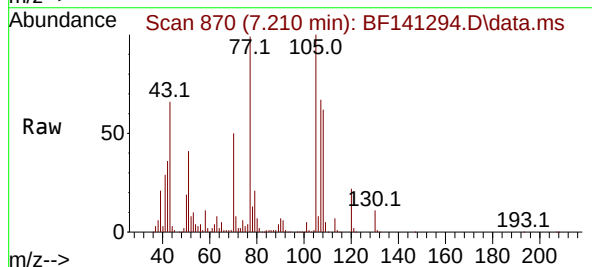
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

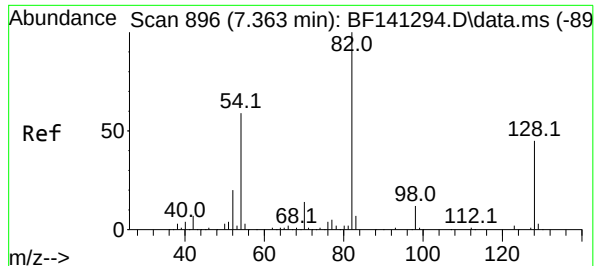
Tgt Ion:136 Resp: 533326
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.8 7.8 11.8
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 36.793 ng
RT: 7.210 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:105 Resp: 465165
Ion Ratio Lower Upper
105 100
71 8.5 6.8 10.2
51 40.8 32.6 49.0
120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 74.958 ng

RT: 7.363 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

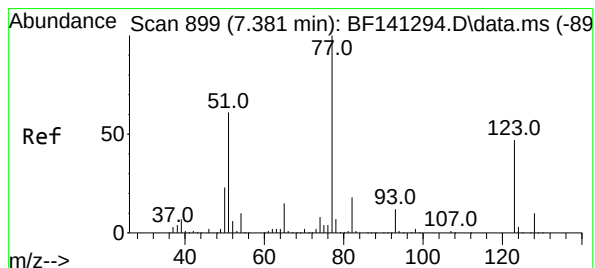
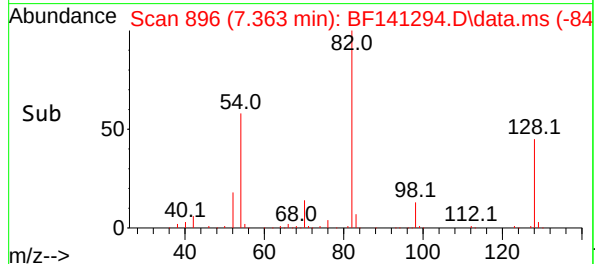
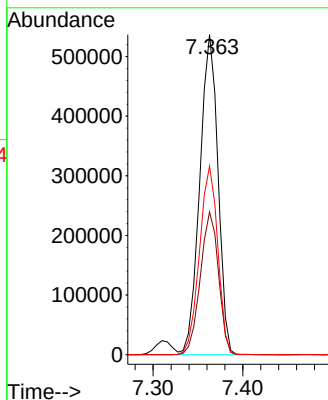
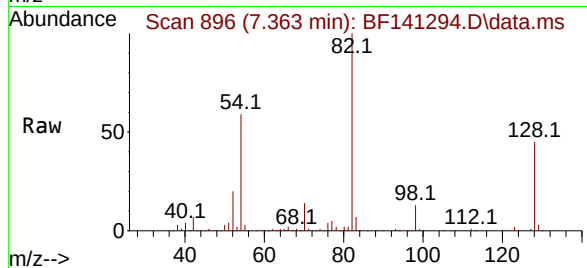
Tgt Ion: 82 Resp: 755539

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 58.9 47.1 70.7



#24

Nitrobenzene

Concen: 37.893 ng

RT: 7.381 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

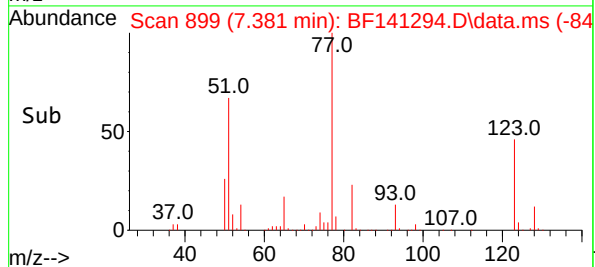
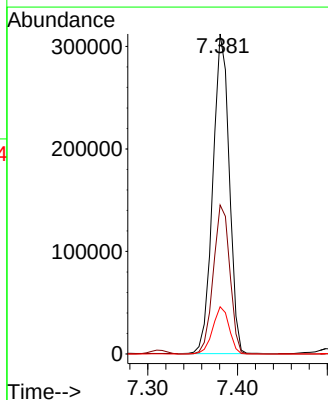
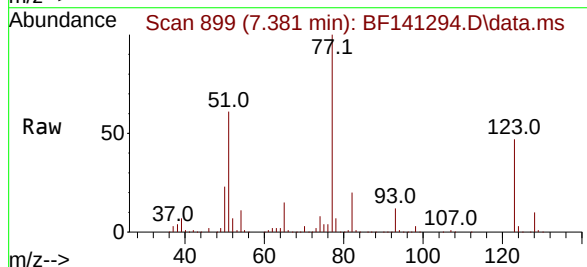
Tgt Ion: 77 Resp: 396149

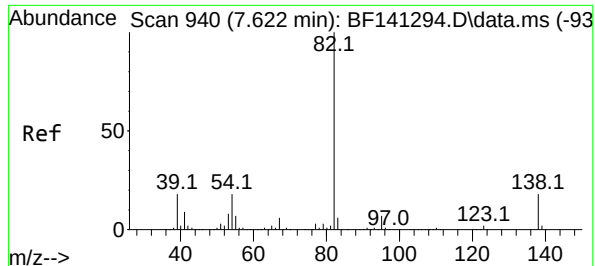
Ion Ratio Lower Upper

77 100

123 46.6 37.3 55.9

65 14.7 11.8 17.6

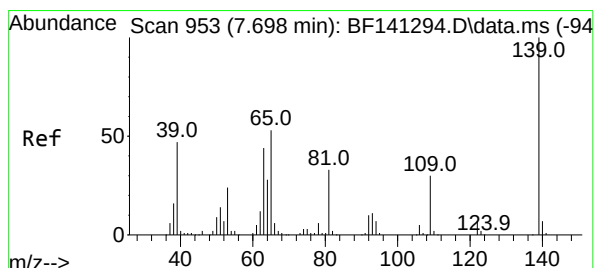
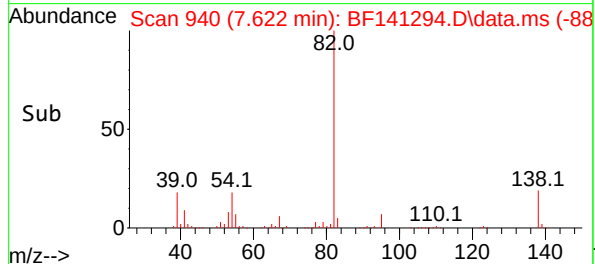
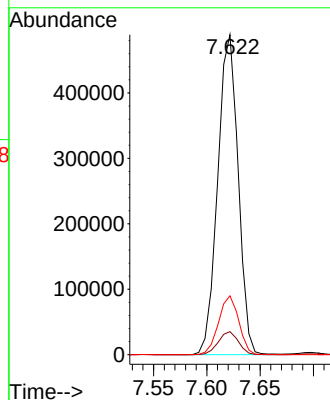
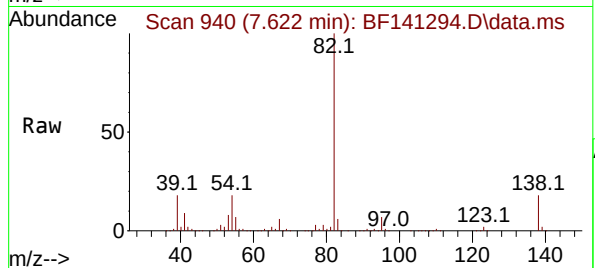




#25
Isophorone
Concen: 37.429 ng
RT: 7.622 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

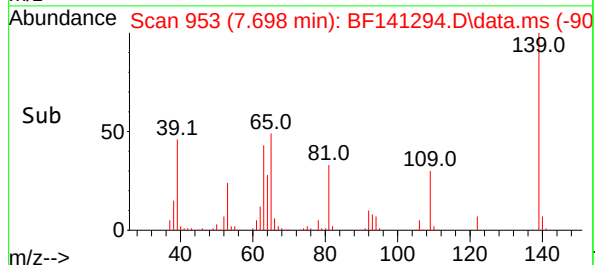
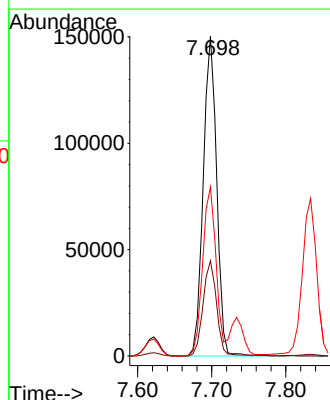
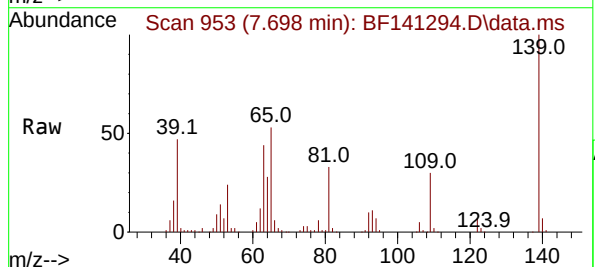
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

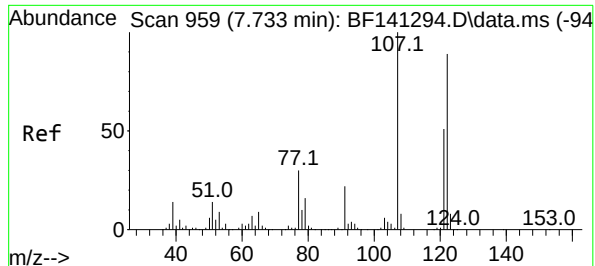
Tgt Ion: 82 Resp: 651994
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.4 14.7 22.1



#26
2-Nitrophenol
Concen: 38.483 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 139 Resp: 188435
Ion Ratio Lower Upper
139 100
109 29.7 23.8 35.6
65 52.8 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.255 ng

RT: 7.733 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

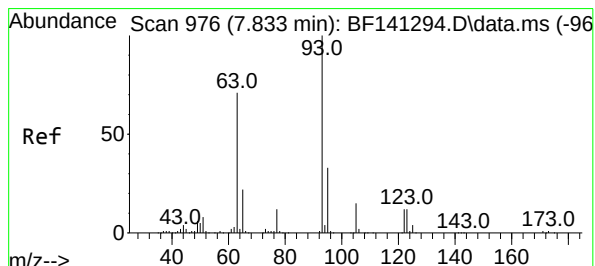
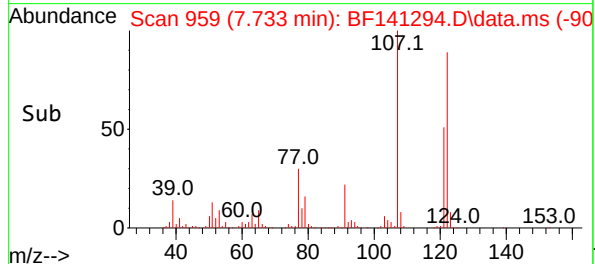
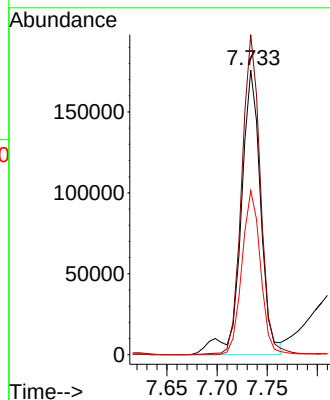
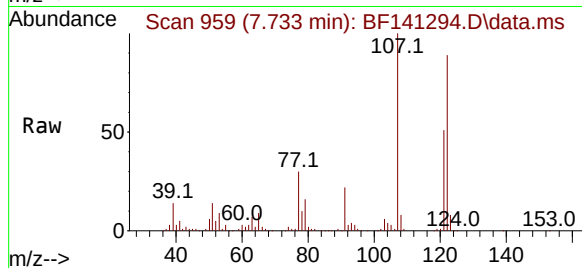
Tgt Ion:122 Resp: 239376

Ion Ratio Lower Upper

122 100

107 112.4 89.9 134.9

121 57.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.367 ng

RT: 7.833 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

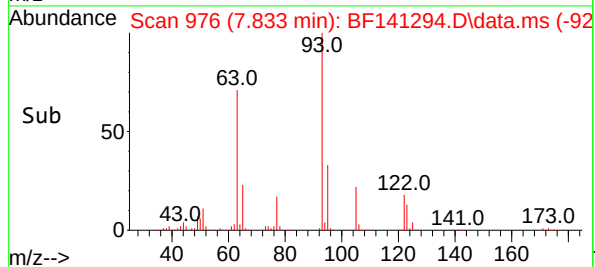
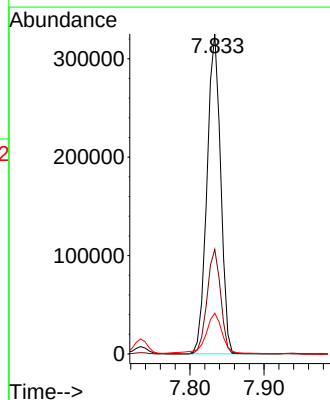
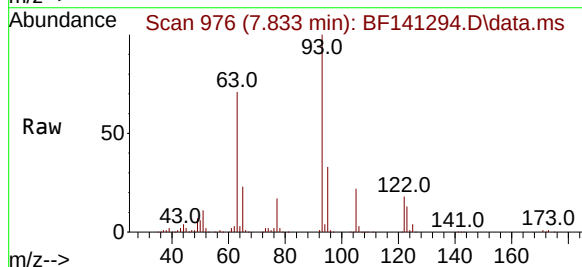
Tgt Ion: 93 Resp: 414781

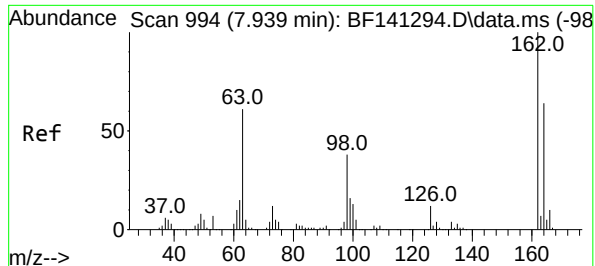
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.768 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

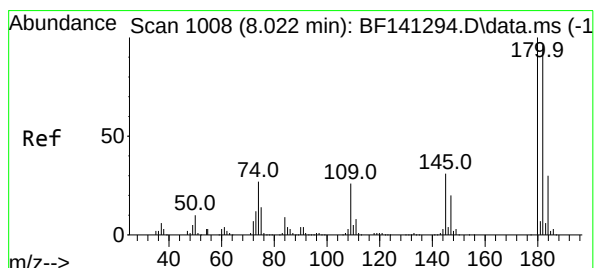
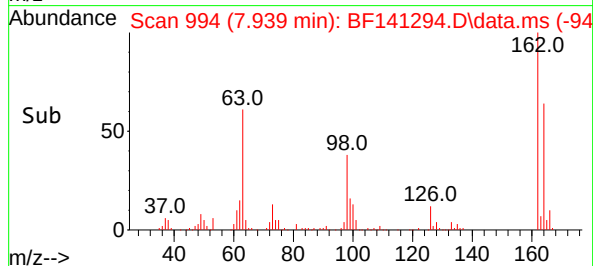
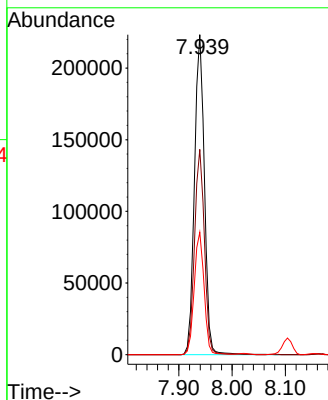
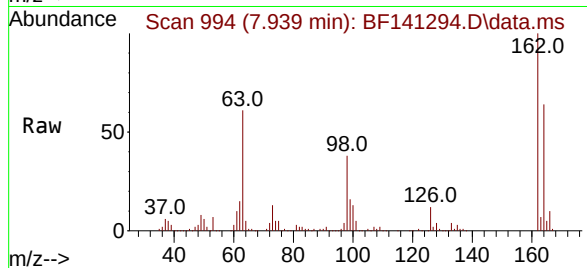
Tgt Ion:162 Resp: 288763

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

98 38.2 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 36.932 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

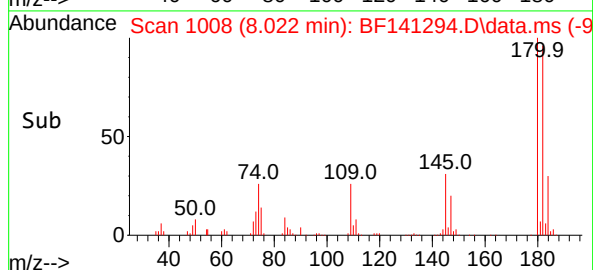
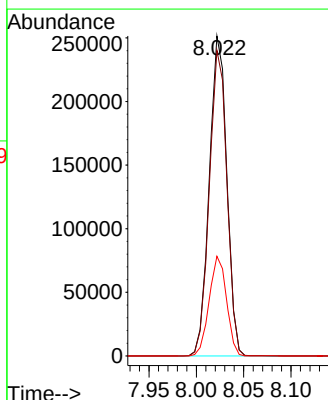
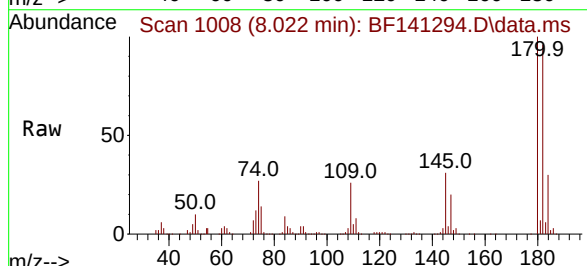
Tgt Ion:180 Resp: 323865

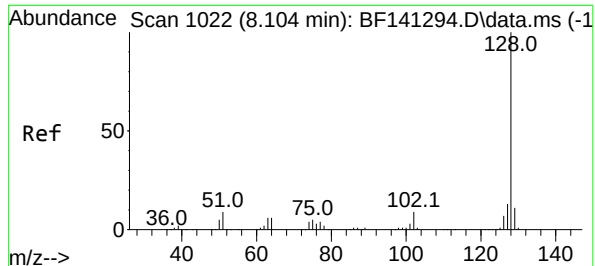
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.1 24.9 37.3





#31

Naphthalene

Concen: 37.116 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

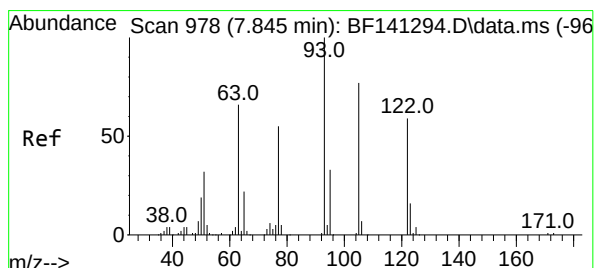
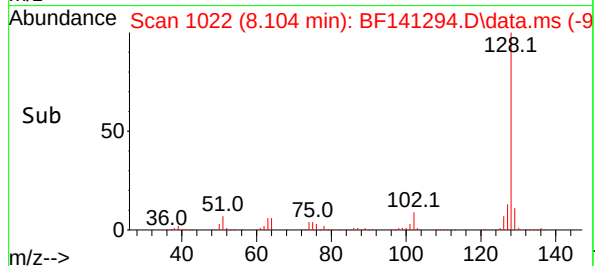
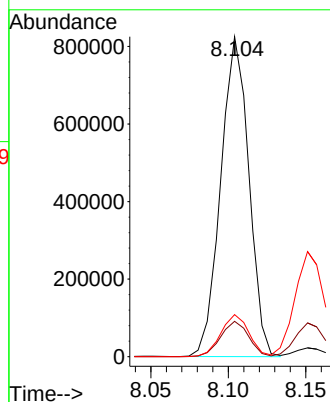
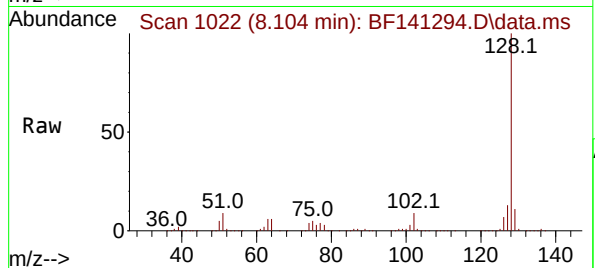
Tgt Ion:128 Resp: 1041107

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 41.459 ng

RT: 7.845 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

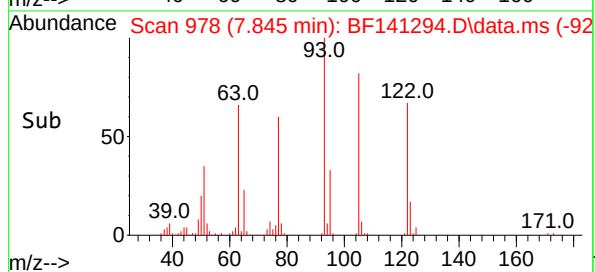
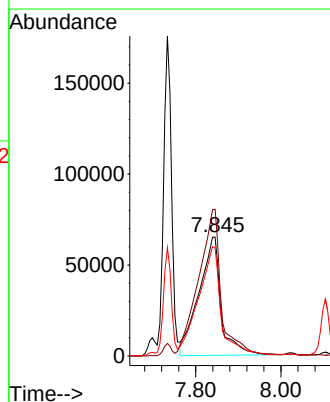
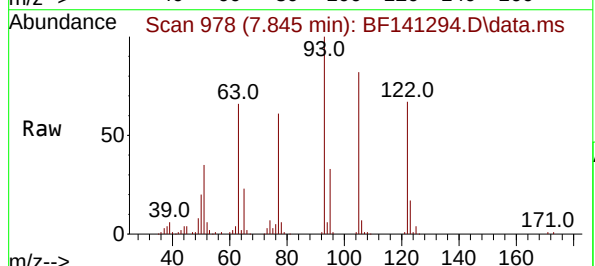
Tgt Ion:122 Resp: 235596

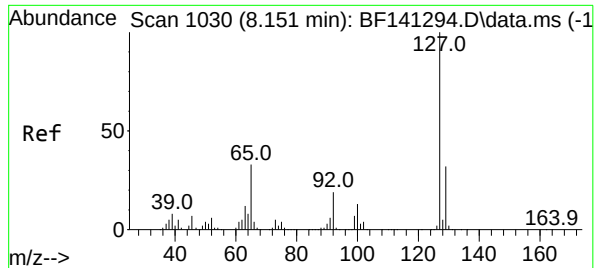
Ion Ratio Lower Upper

122 100

105 123.4 103.4 143.4

77 90.9 70.9 110.9

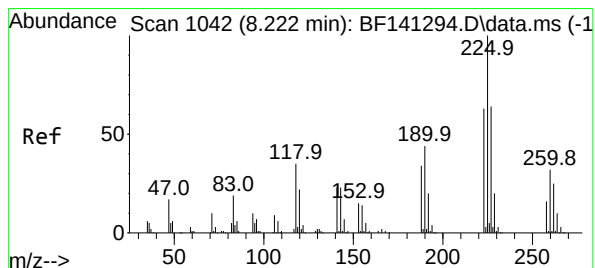
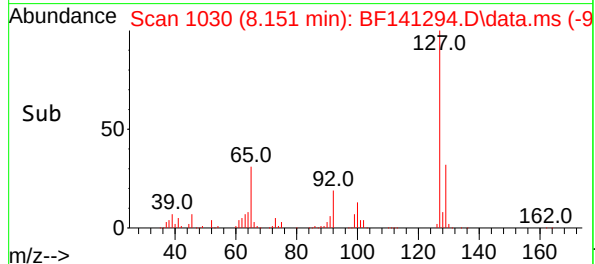
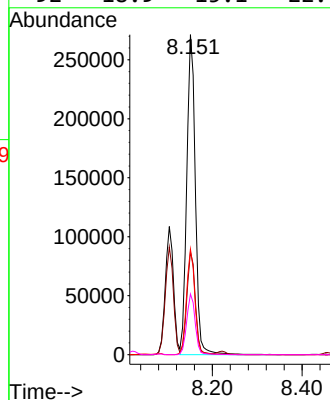
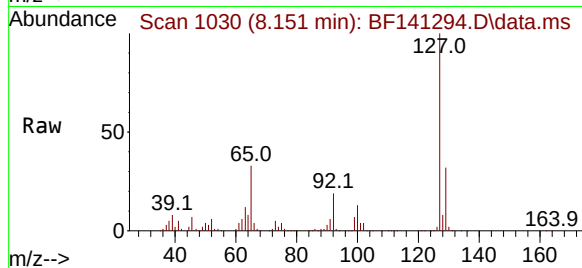




#33
4-Chloroaniline
Concen: 38.313 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

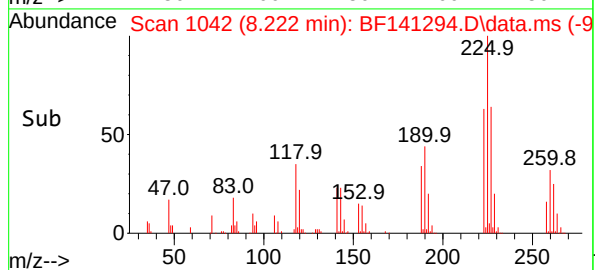
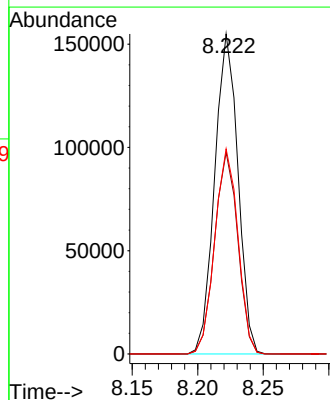
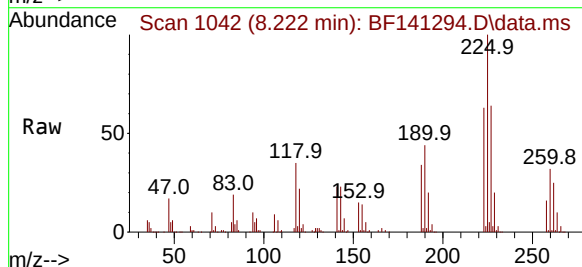
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

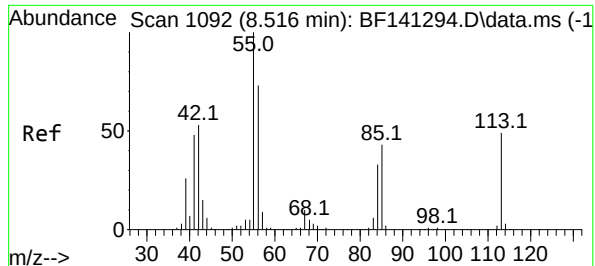
Tgt Ion:	127	Resp:	361001
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	33.0	26.4	39.6
92	18.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 37.169 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:	225	Resp:	190772
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	64.1	51.3	76.9

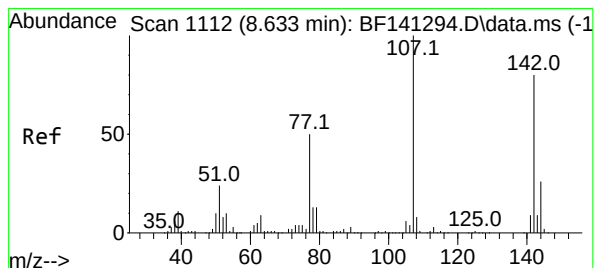
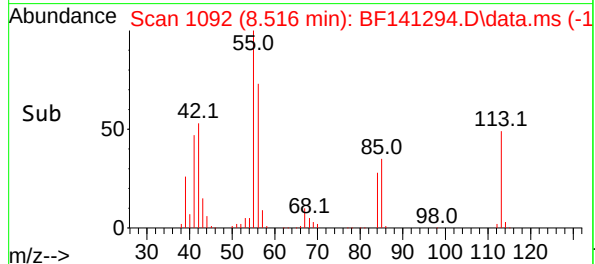
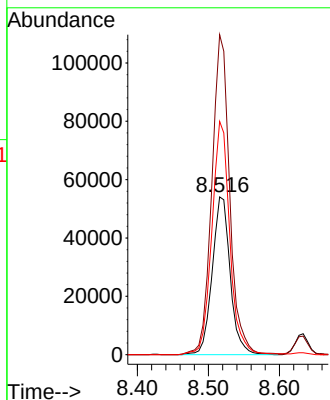
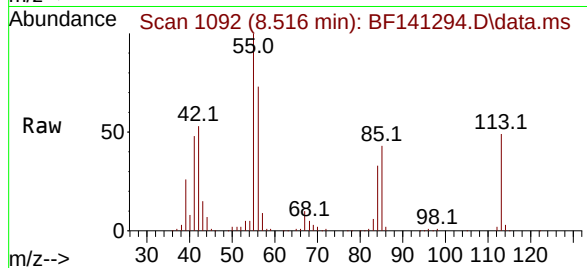




#35
Caprolactam
Concen: 38.342 ng
RT: 8.516 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

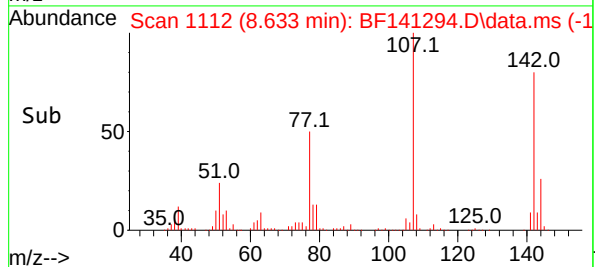
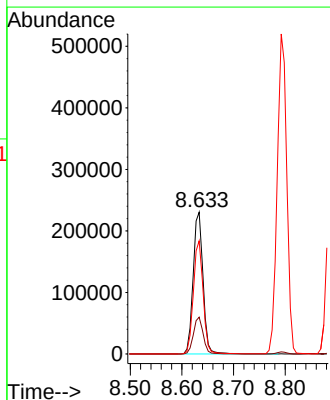
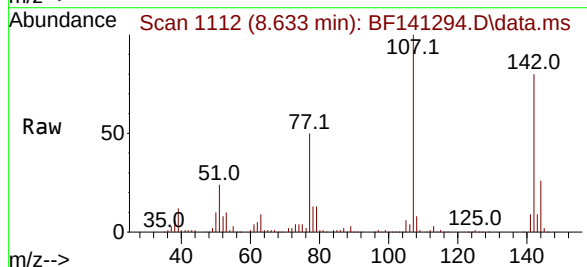
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

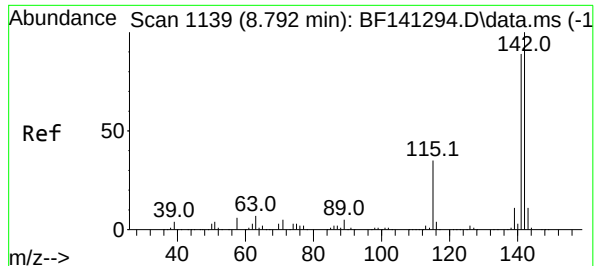
Tgt Ion:113 Resp: 94819
Ion Ratio Lower Upper
113 100
55 202.9 182.9 222.9
56 147.9 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 37.262 ng
RT: 8.633 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:107 Resp: 305768
Ion Ratio Lower Upper
107 100
144 25.9 20.7 31.1
142 79.8 63.8 95.8

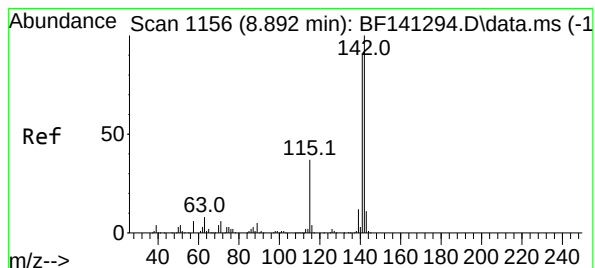
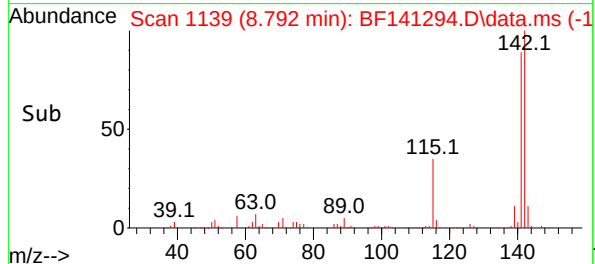
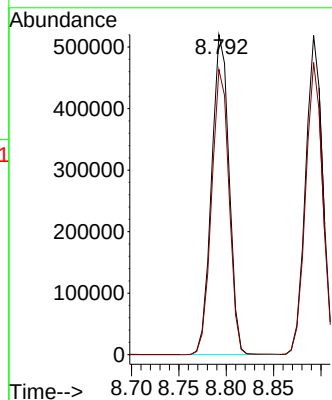
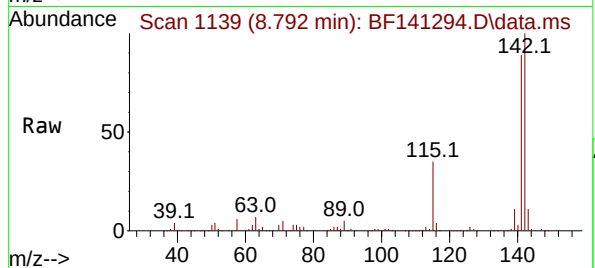




#37
2-Methylnaphthalene
Concen: 37.286 ng
RT: 8.792 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

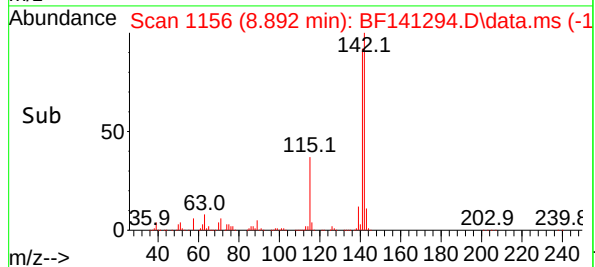
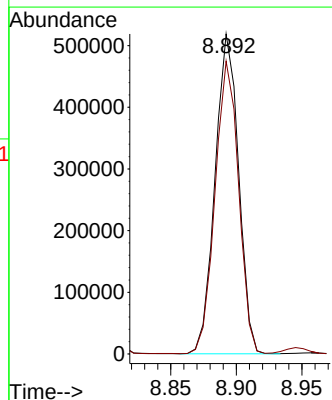
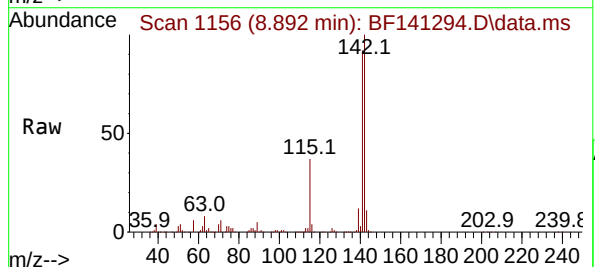
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

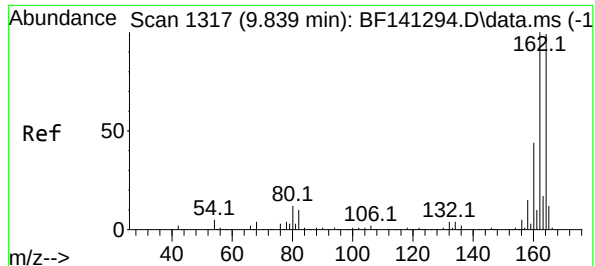
Tgt Ion:142 Resp: 666038
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9



#38
1-Methylnaphthalene
Concen: 36.938 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:142 Resp: 646346
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

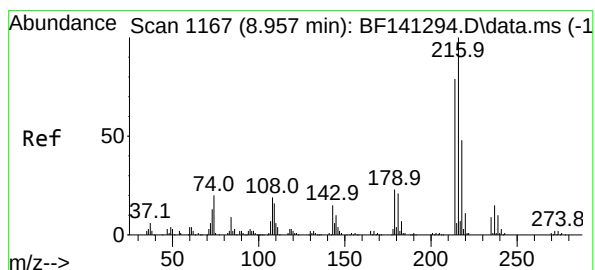
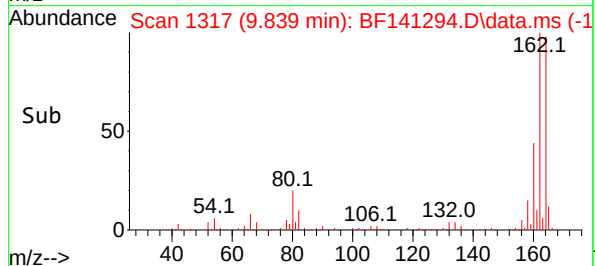
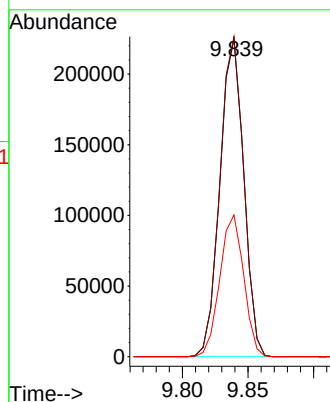
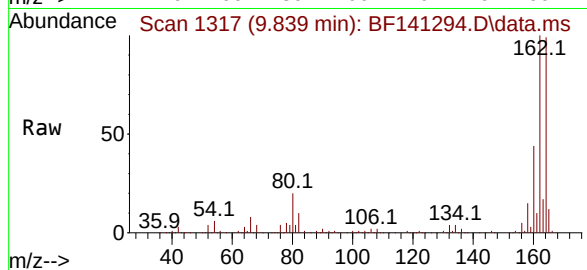
Tgt Ion:164 Resp: 282995

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 44.7 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.591 ng

RT: 8.957 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Tgt Ion:216 Resp: 302471

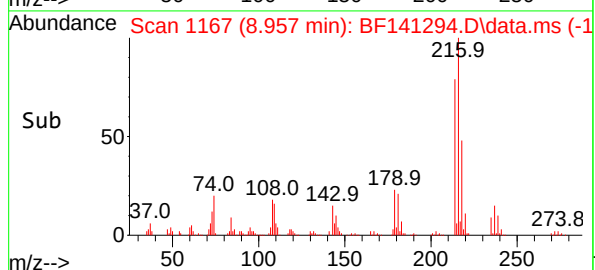
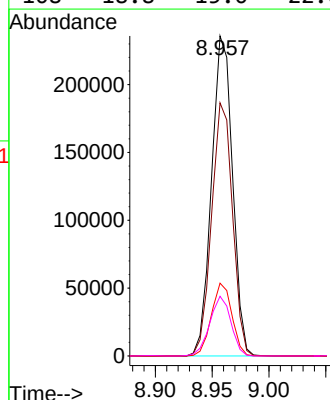
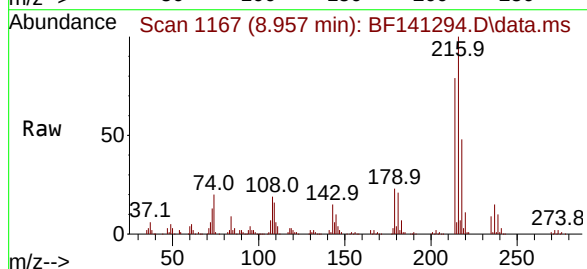
Ion Ratio Lower Upper

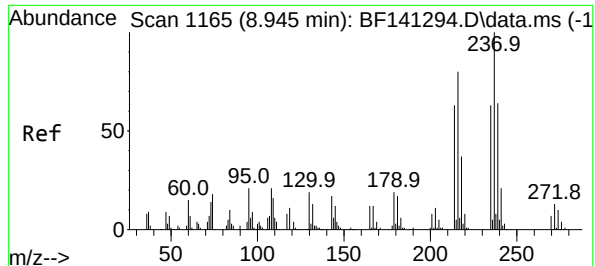
216 100

214 79.0 63.2 94.8

179 22.3 17.8 26.8

108 18.8 15.0 22.6

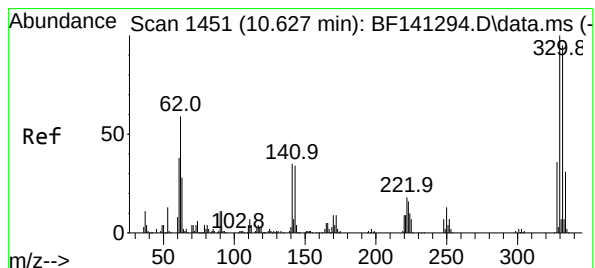
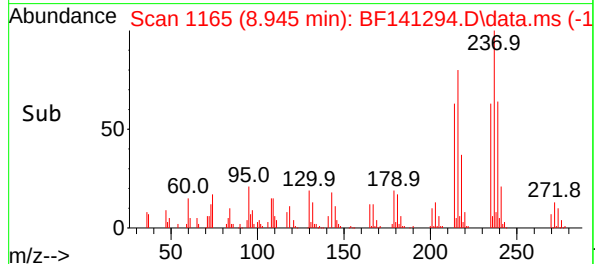
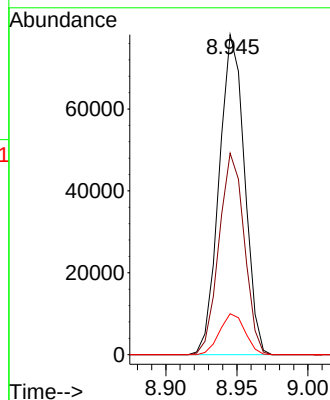
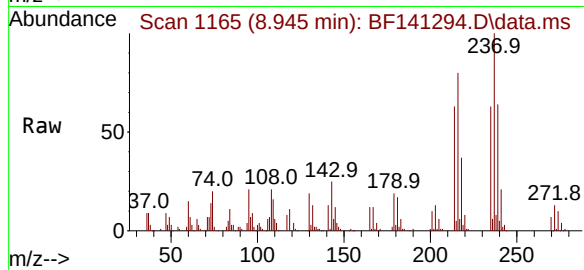




#41
Hexachlorocyclopentadiene
Concen: 40.295 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

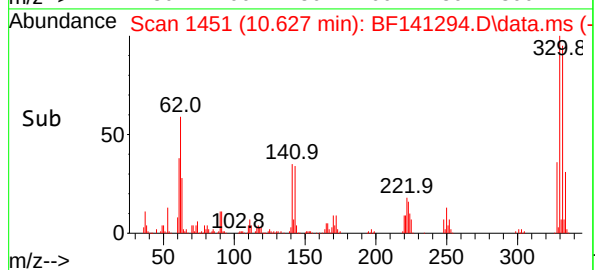
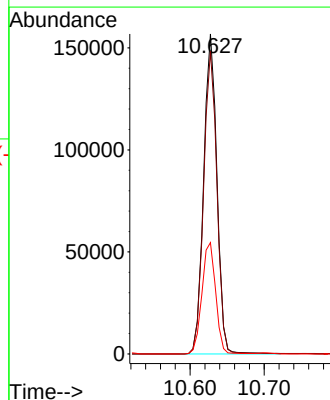
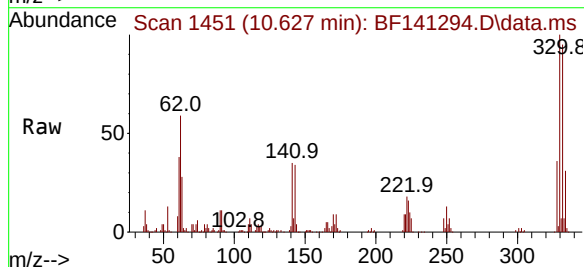
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

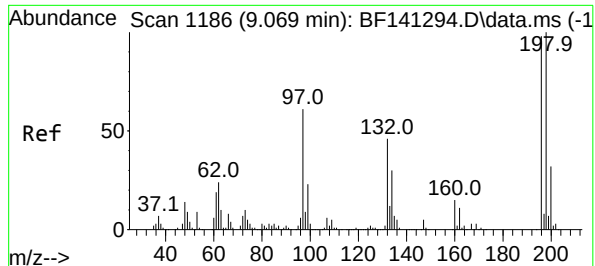
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.9	82.9
272	12.8	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 75.888 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	36.0	28.8	43.2





#43

2,4,6-Trichlorophenol

Concen: 39.181 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

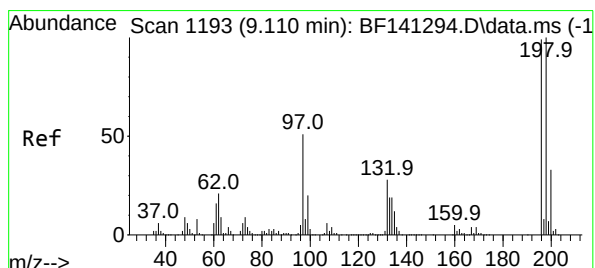
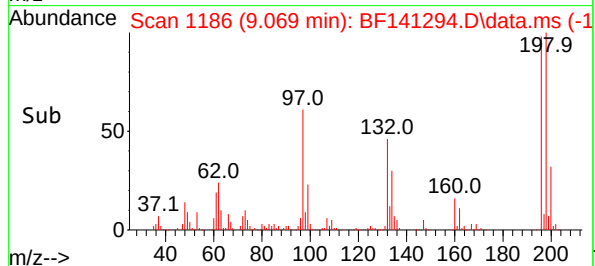
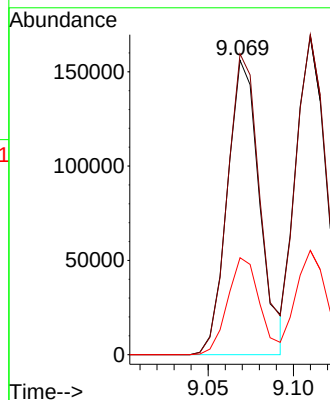
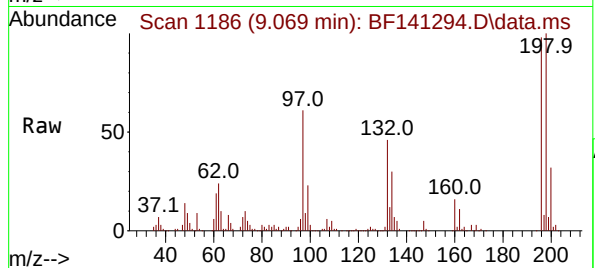
Tgt Ion:196 Resp: 205797

Ion Ratio Lower Upper

196 100

198 102.2 81.8 122.6

200 32.9 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 37.346 ng

RT: 9.110 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Tgt Ion:196 Resp: 213401

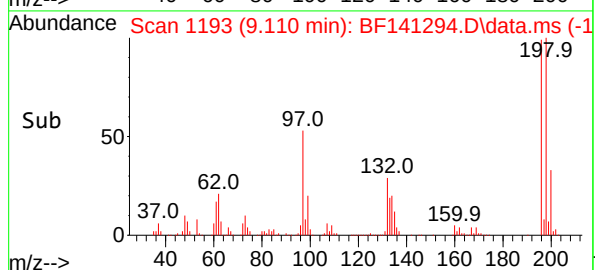
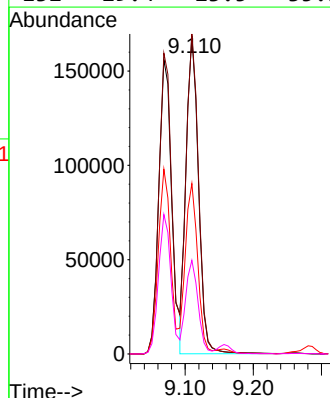
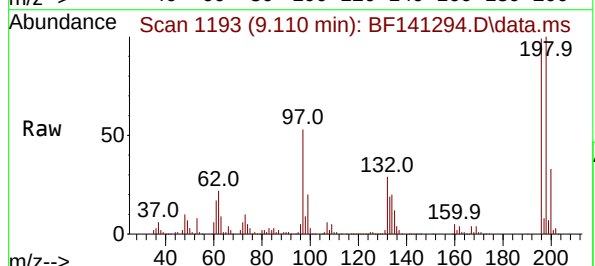
Ion Ratio Lower Upper

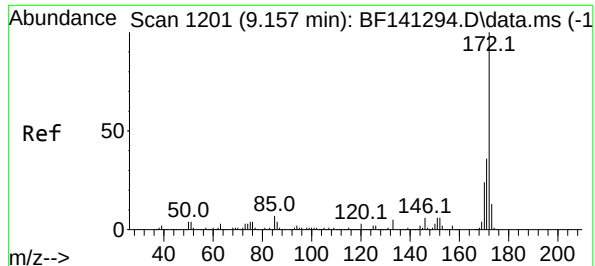
196 100

198 100.6 80.5 120.7

97 53.5 42.8 64.2

132 29.4 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 73.029 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

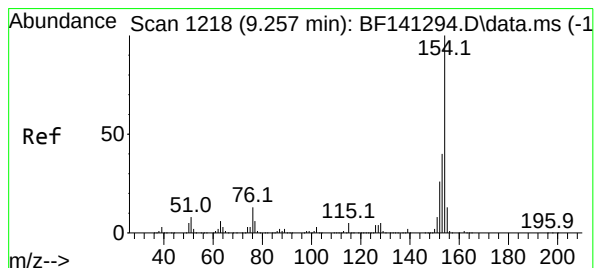
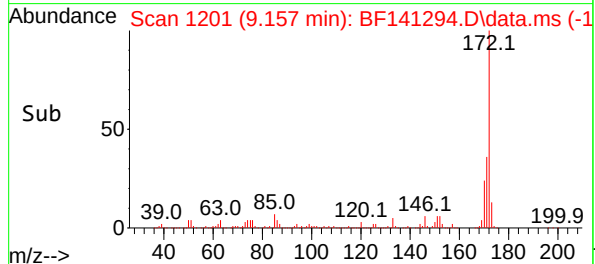
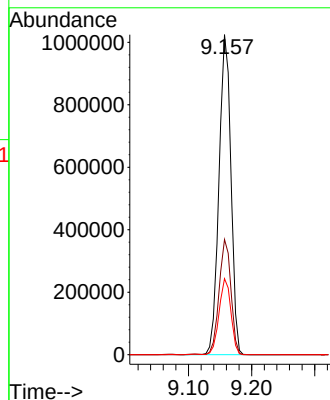
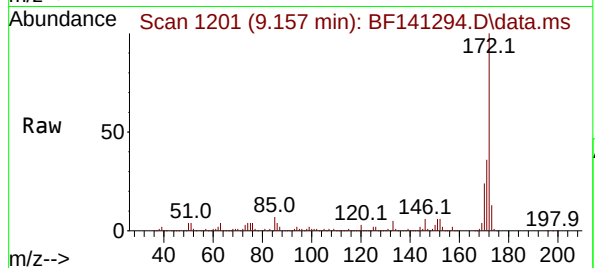
Tgt Ion:172 Resp: 1339709

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 37.278 ng

RT: 9.257 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

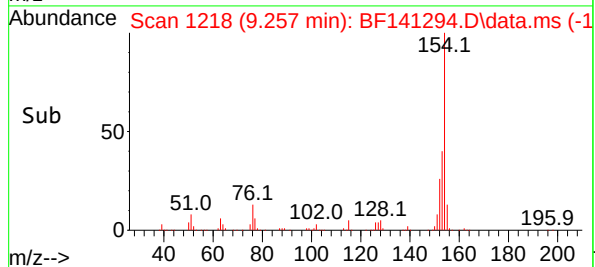
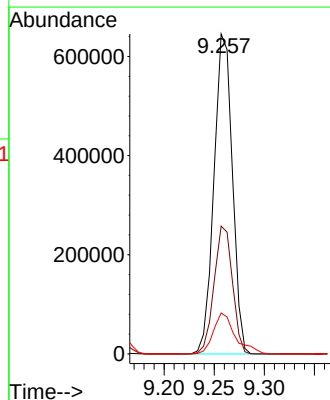
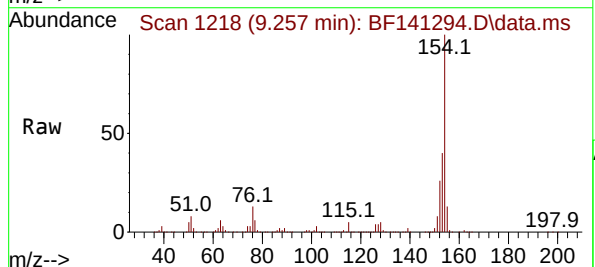
Tgt Ion:154 Resp: 823004

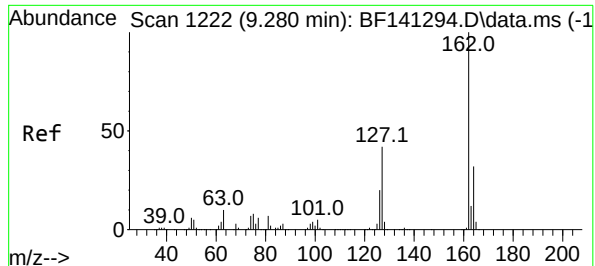
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 37.020 ng

RT: 9.280 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

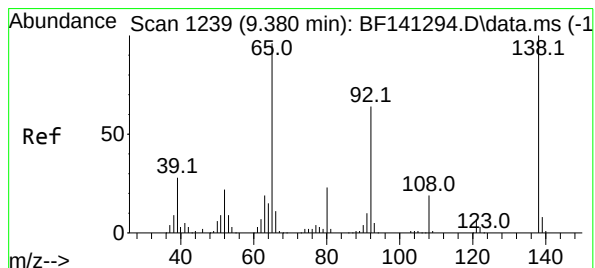
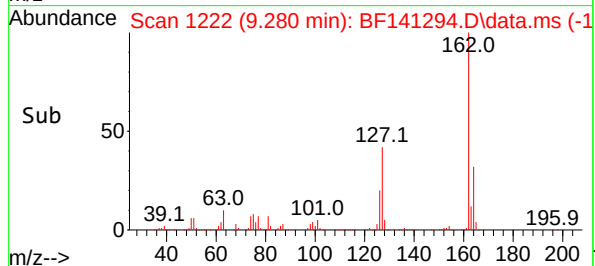
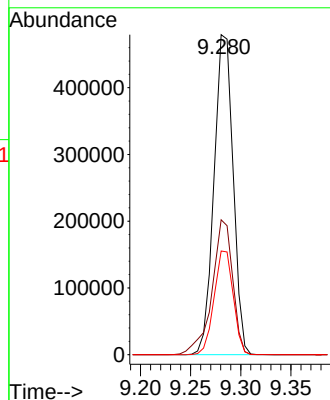
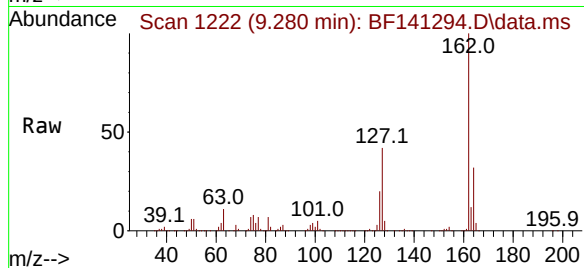
Tgt Ion:162 Resp: 634814

Ion Ratio Lower Upper

162 100

127 42.1 33.7 50.5

164 32.4 25.9 38.9



#48

2-Nitroaniline

Concen: 38.089 ng

RT: 9.380 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

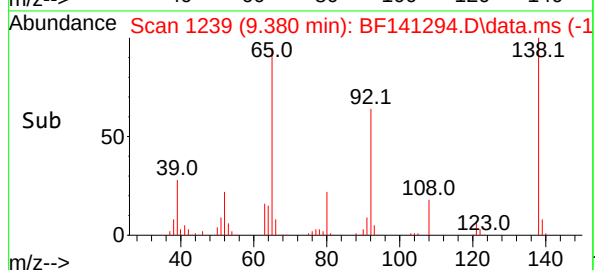
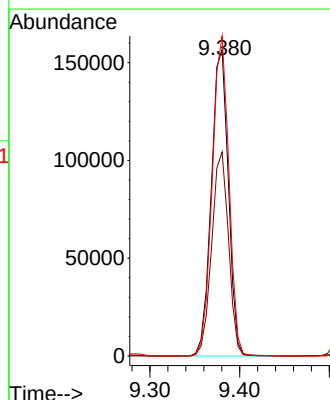
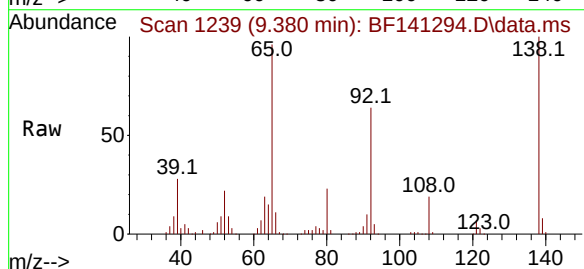
Tgt Ion: 65 Resp: 205997

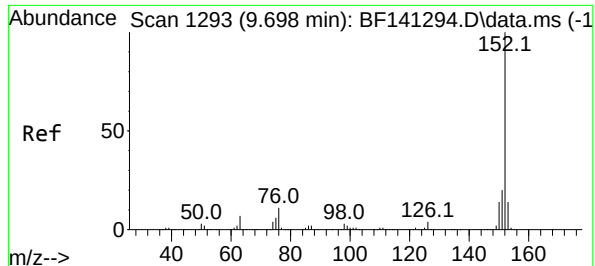
Ion Ratio Lower Upper

65 100

92 66.6 53.3 79.9

138 104.5 83.6 125.4





#49

Acenaphthylene

Concen: 37.483 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

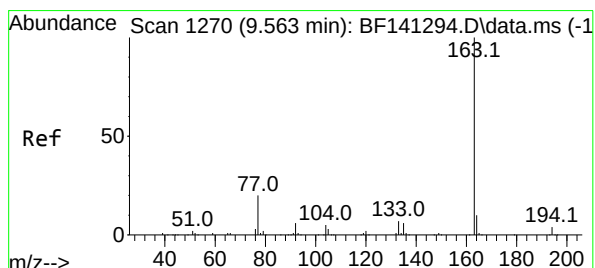
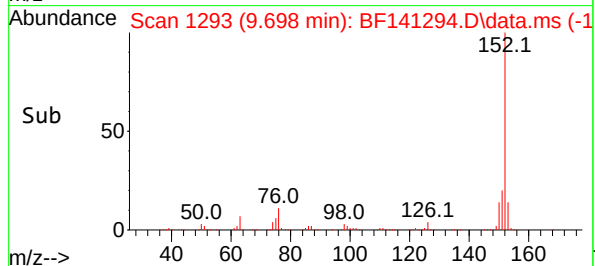
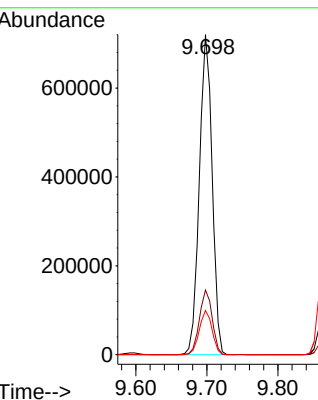
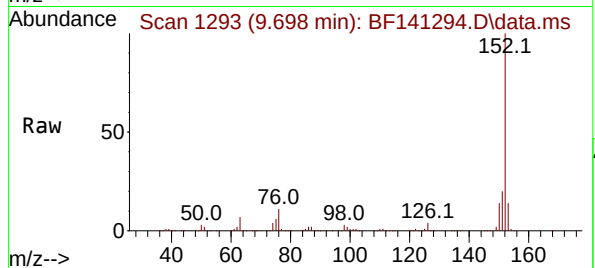
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 902715

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.8	11.0	16.6



#50

Dimethylphthalate

Concen: 36.945 ng

RT: 9.563 min Scan# 1270

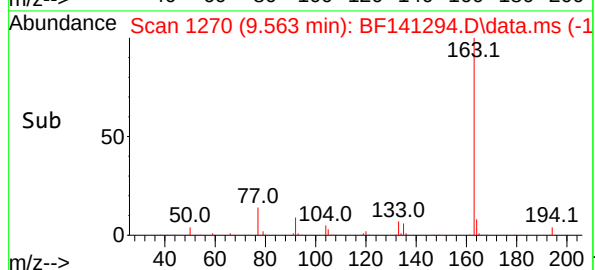
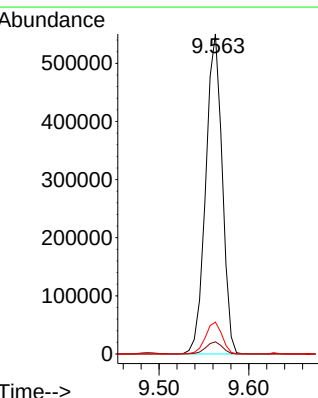
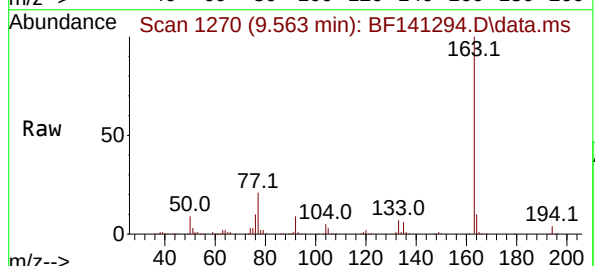
Delta R.T. 0.000 min

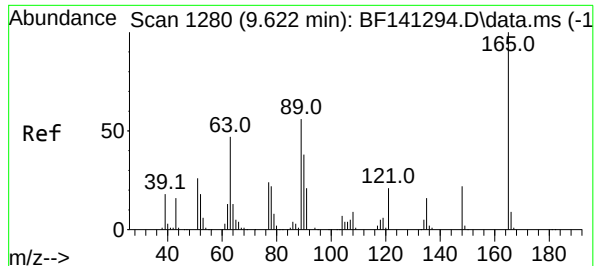
Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Tgt Ion:163 Resp: 701107

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.0	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 37.909 ng

RT: 9.622 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

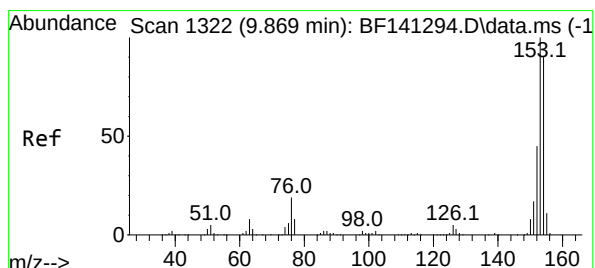
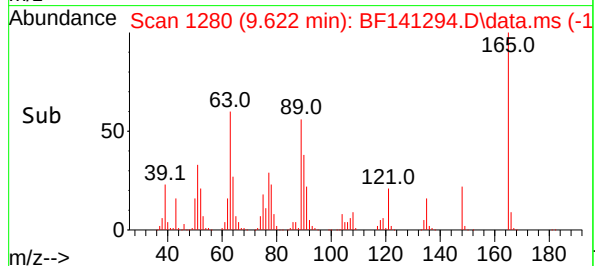
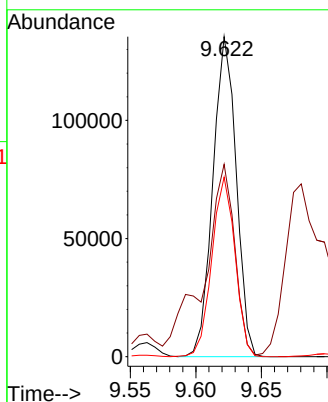
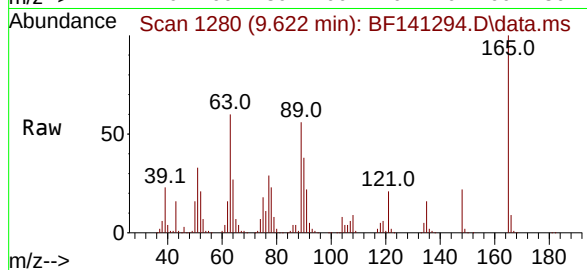
Tgt Ion:165 Resp: 167409

Ion Ratio Lower Upper

165 100

63 60.1 48.1 72.1

89 56.1 44.9 67.3



#52

Acenaphthene

Concen: 37.266 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

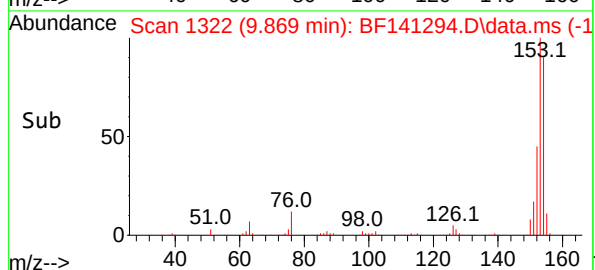
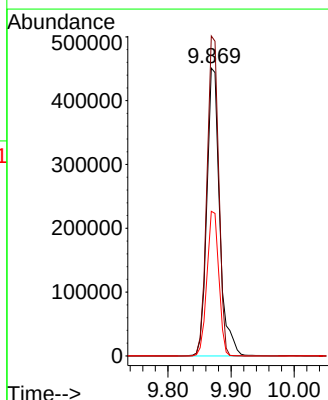
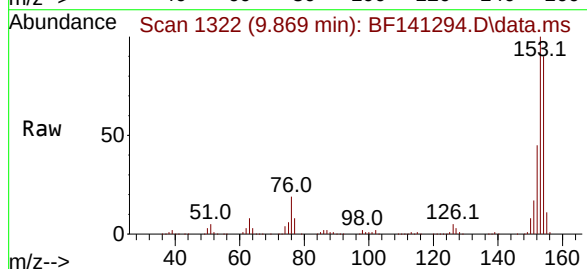
Tgt Ion:154 Resp: 638597

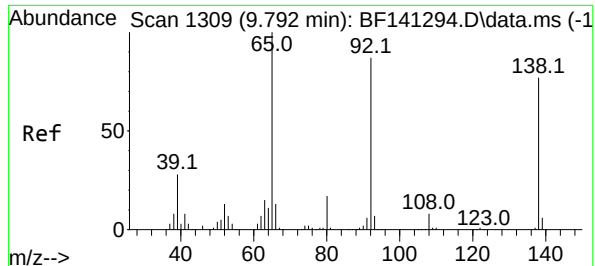
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 50.3 40.2 60.4





#53

3-Nitroaniline

Concen: 39.240 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

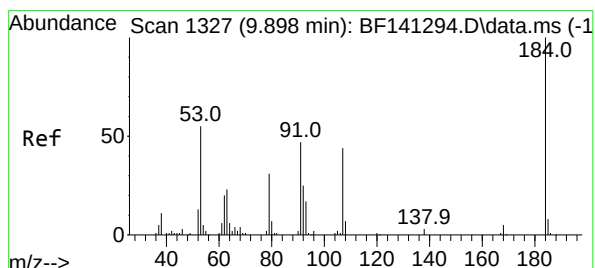
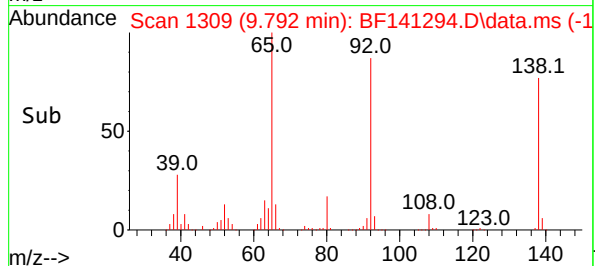
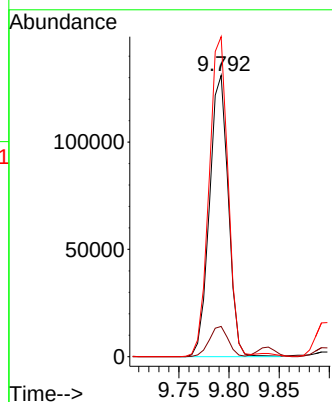
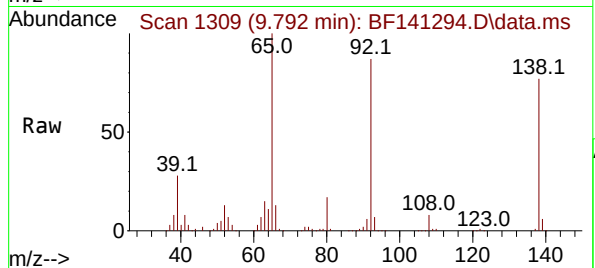
Tgt Ion:138 Resp: 171409

Ion Ratio Lower Upper

138 100

108 10.7 8.6 12.8

92 113.8 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 40.011 ng

RT: 9.898 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

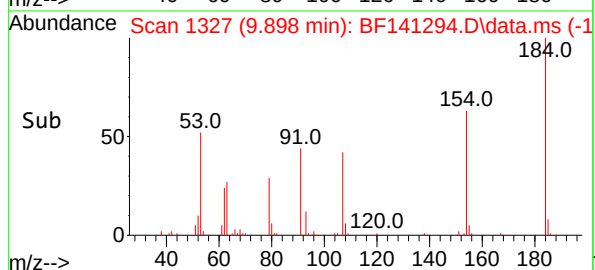
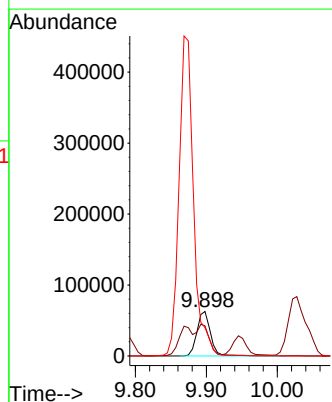
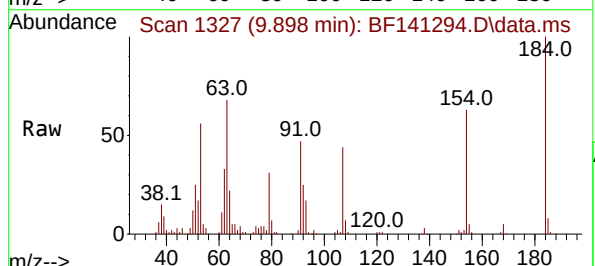
Tgt Ion:184 Resp: 83282

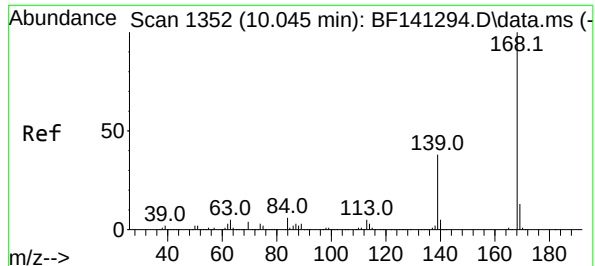
Ion Ratio Lower Upper

184 100

63 67.6 54.1 81.1

154 63.4 50.7 76.1





#55

Dibenzenofuran

Concen: 37.490 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

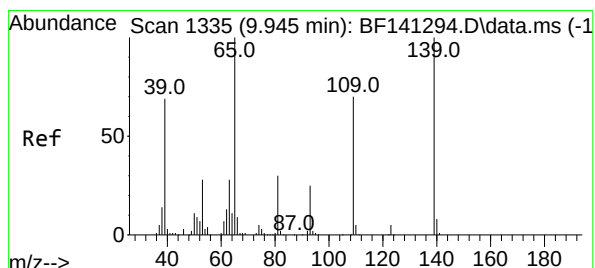
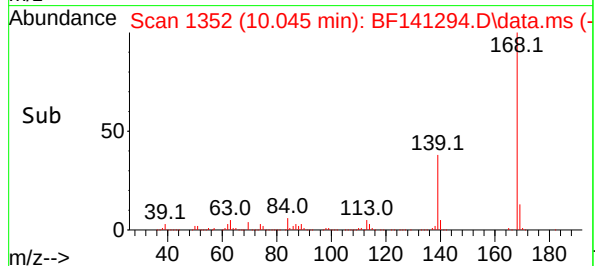
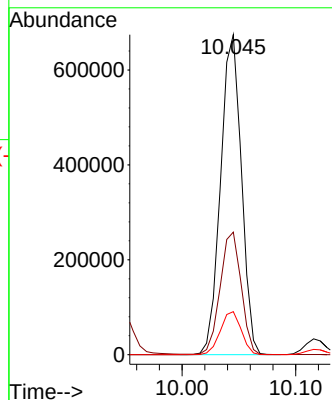
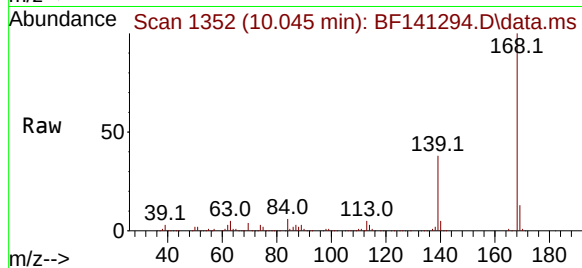
Tgt Ion:168 Resp: 859175

Ion Ratio Lower Upper

168 100

139 38.3 30.6 46.0

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.349 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

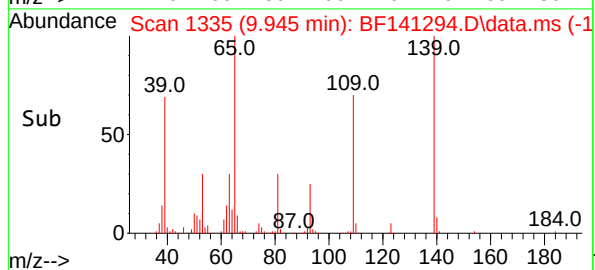
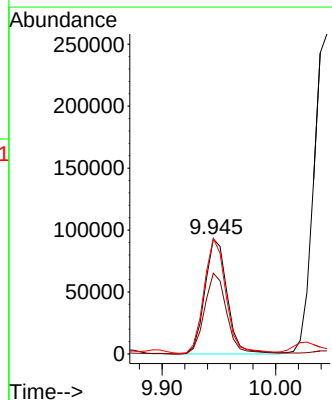
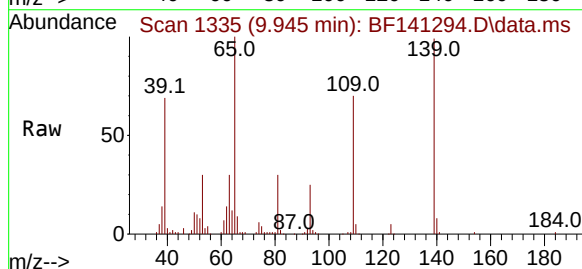
Tgt Ion:139 Resp: 126536

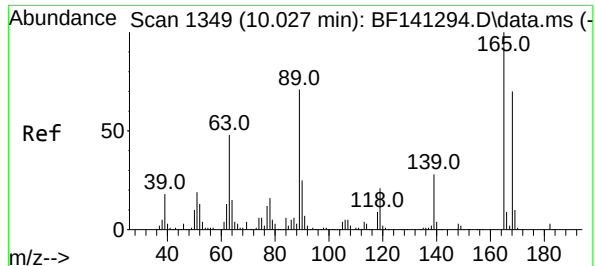
Ion Ratio Lower Upper

139 100

109 70.2 50.2 90.2

65 100.6 80.6 120.6

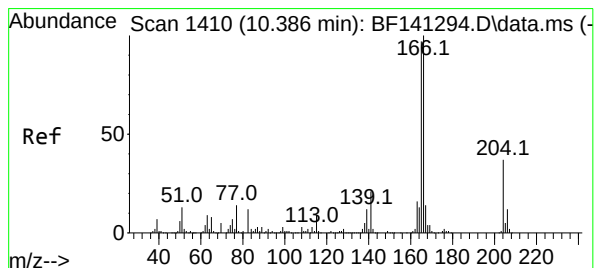
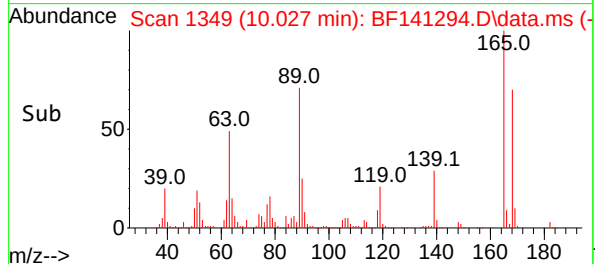
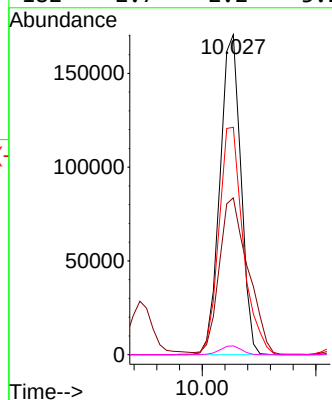
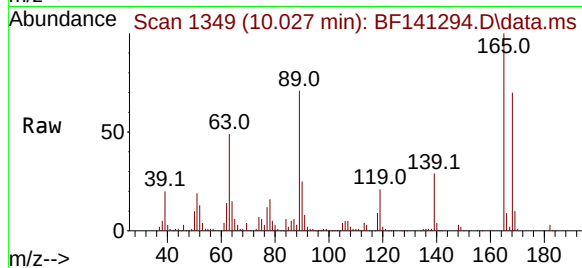




#57
2,4-Dinitrotoluene
Concen: 38.382 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

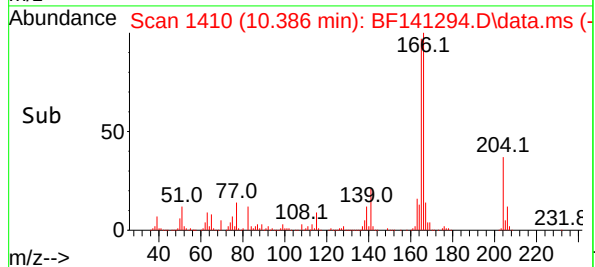
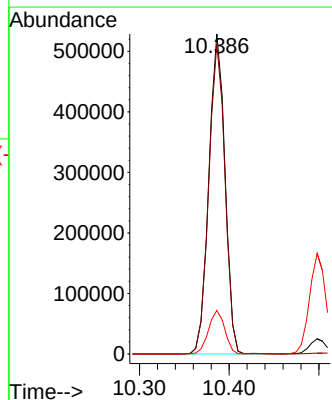
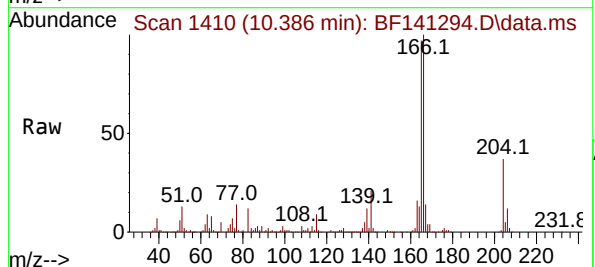
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

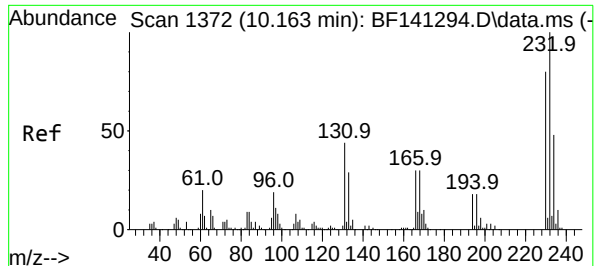
Tgt Ion:165 Resp: 218627
Ion Ratio Lower Upper
165 100
63 49.0 39.2 58.8
89 71.1 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 37.076 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:166 Resp: 660612
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3

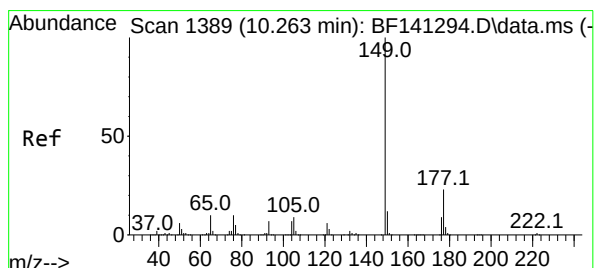
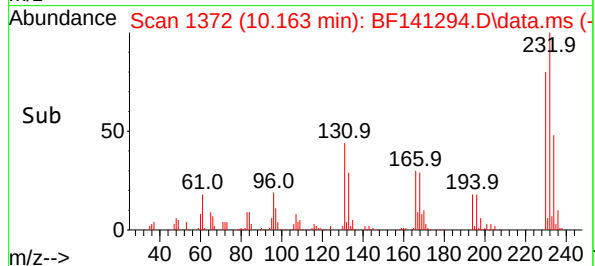
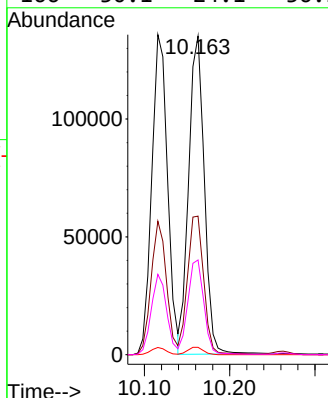
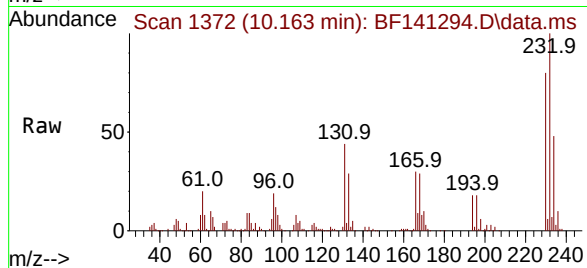




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.138 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

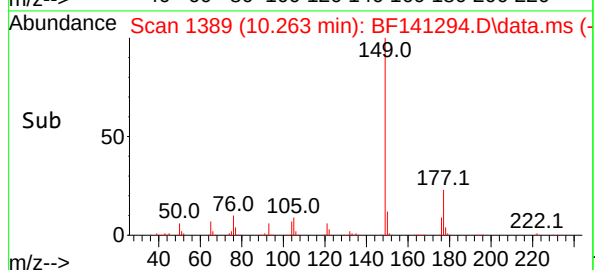
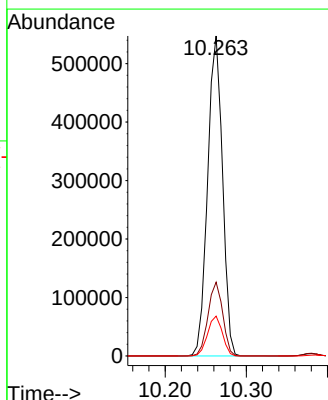
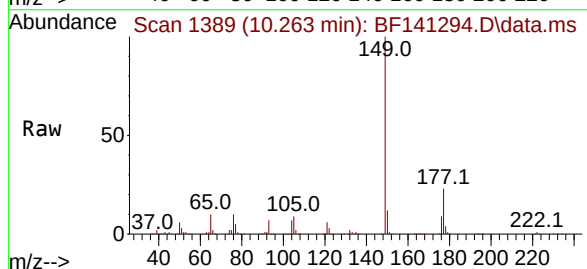
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

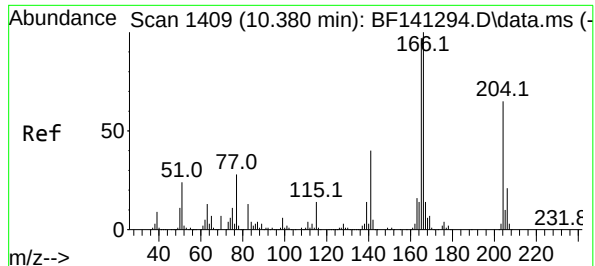
Tgt Ion:232 Resp: 172174
Ion Ratio Lower Upper
232 100
131 45.5 36.4 54.6
130 2.4 1.9 2.9
166 30.1 24.1 36.1



#60
Diethylphthalate
Concen: 37.710 ng
RT: 10.263 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 693066
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 12.5 10.0 15.0

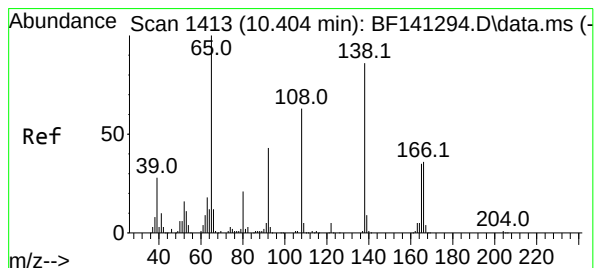
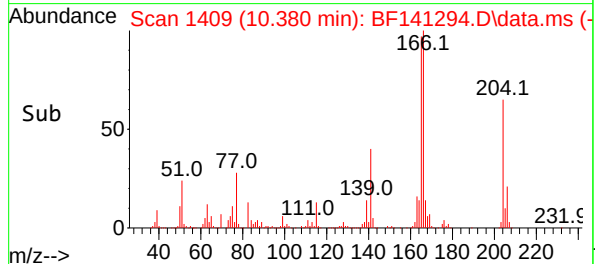
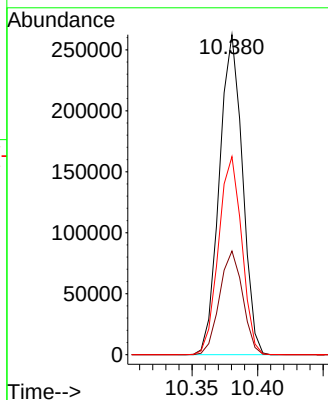
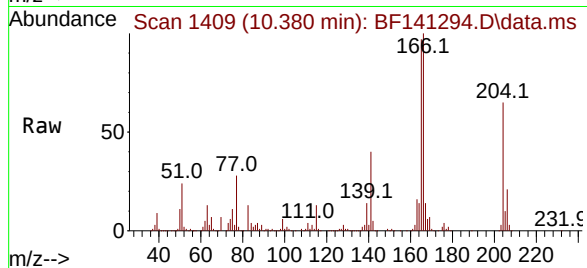




#61
4-Chlorophenyl-phenylether
Concen: 36.929 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

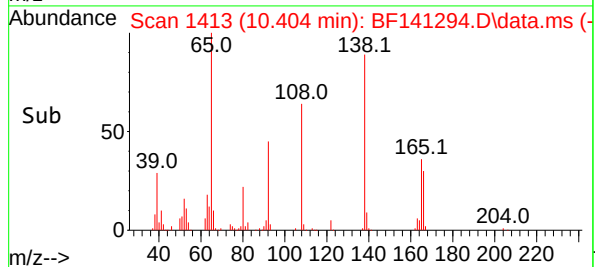
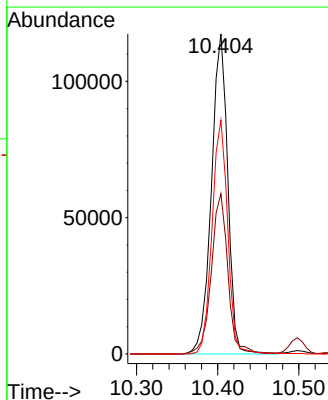
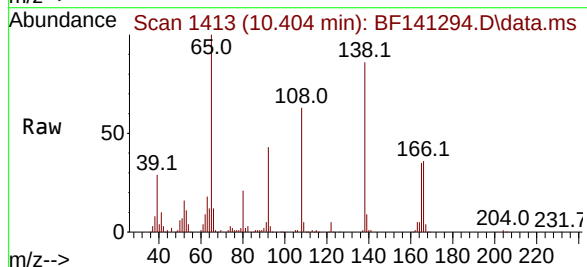
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

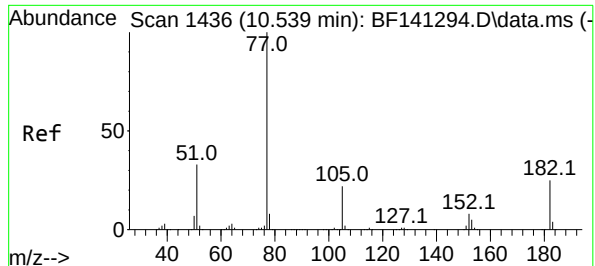
Tgt Ion:204 Resp: 321112
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 61.9 49.5 74.3



#62
4-Nitroaniline
Concen: 39.120 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:138 Resp: 164154
Ion Ratio Lower Upper
138 100
92 50.1 30.1 70.1
108 73.1 53.1 93.1

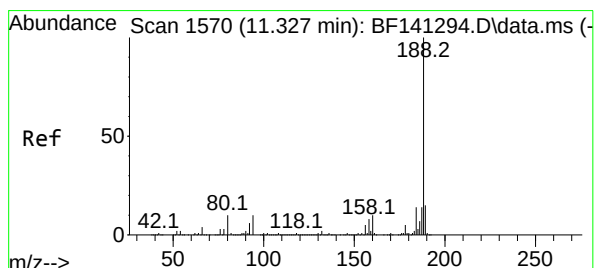
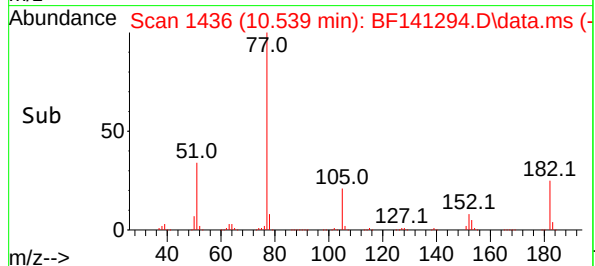
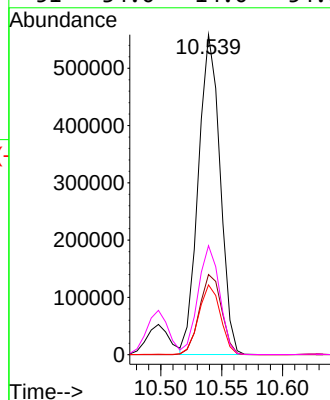
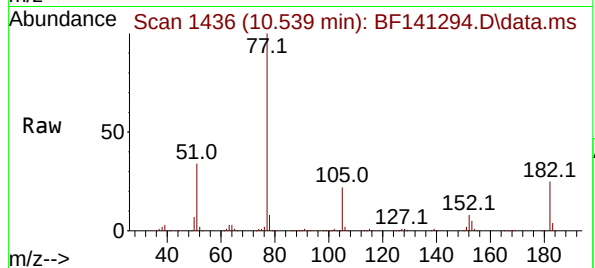




#63
Azobenzene
Concen: 37.621 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

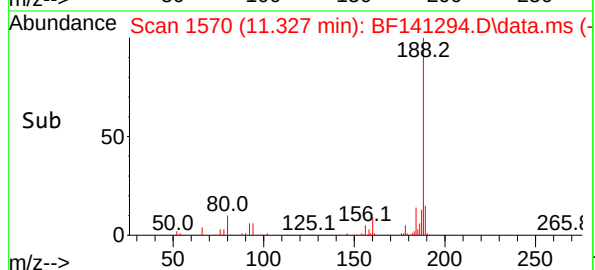
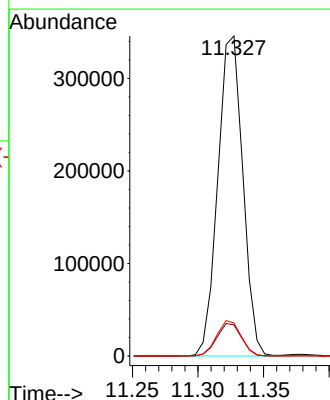
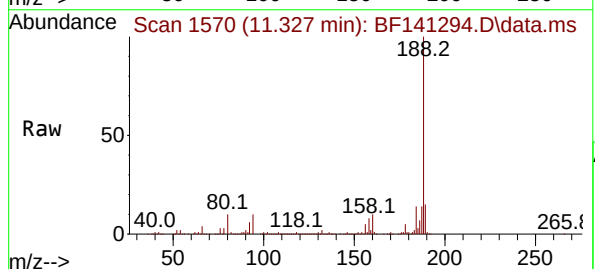
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

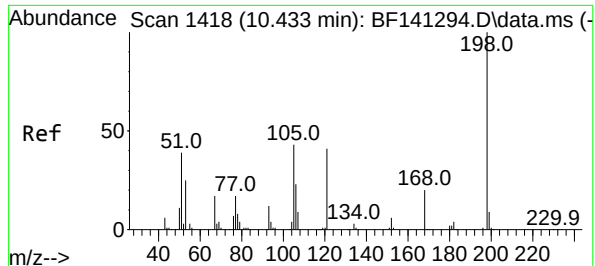
Tgt Ion: 77 Resp: 693050
Ion Ratio Lower Upper
77 100
182 25.1 5.1 45.1
105 21.8 1.8 41.8
51 34.0 14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 188 Resp: 458392
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.3 8.2 12.4

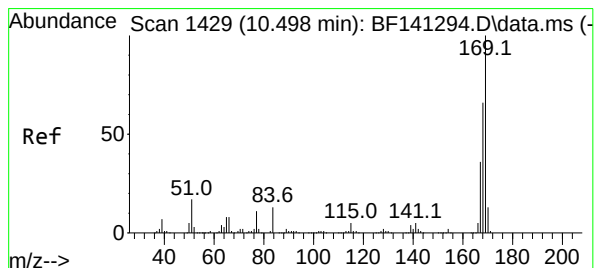
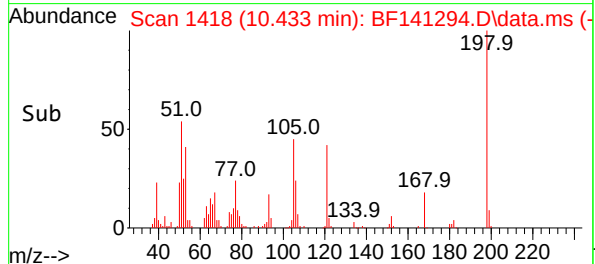
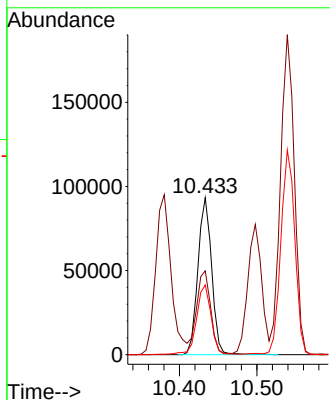
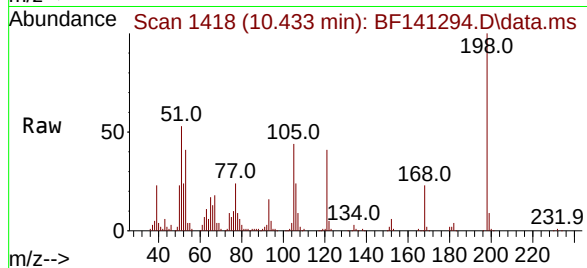




#65
4,6-Dinitro-2-methylphenol
Concen: 41.914 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

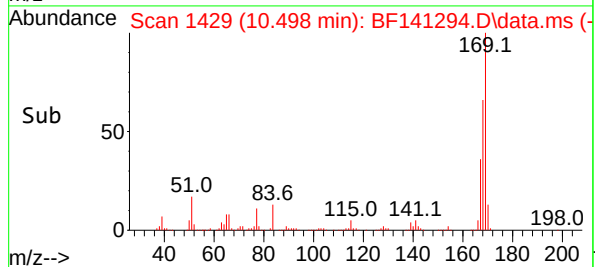
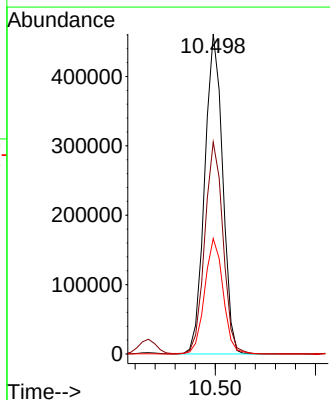
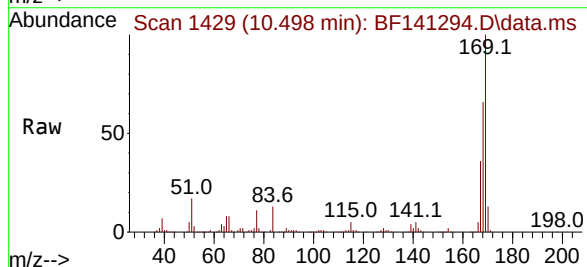
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

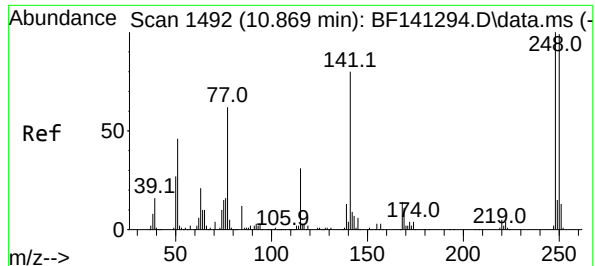
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.4	33.4	73.4
105	44.4	24.4	64.4



#66
n-Nitrosodiphenylamine
Concen: 38.602 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.0	28.8	43.2

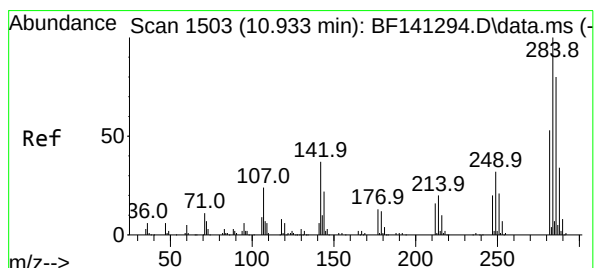
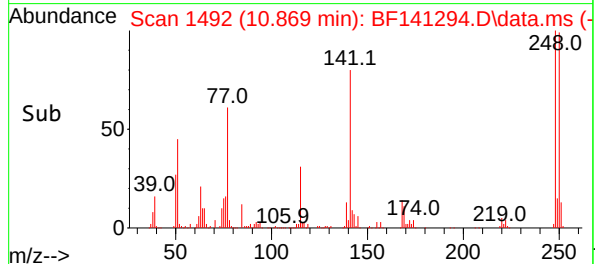
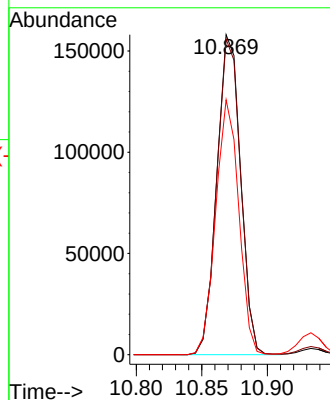
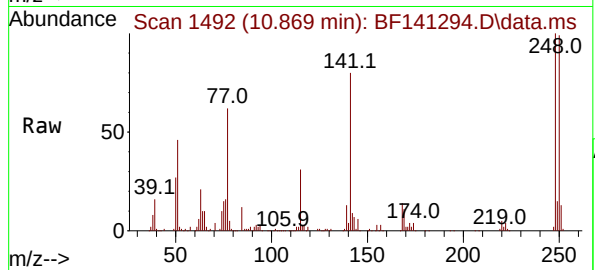




#67
4-Bromophenyl-phenylether
Concen: 38.815 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

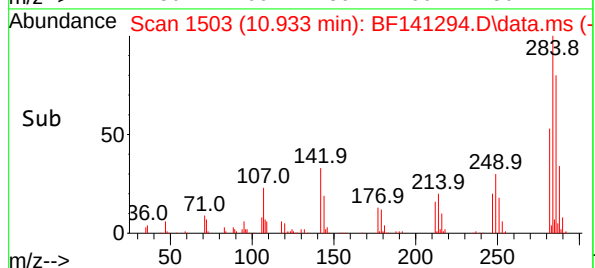
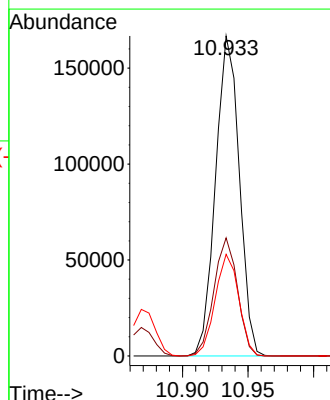
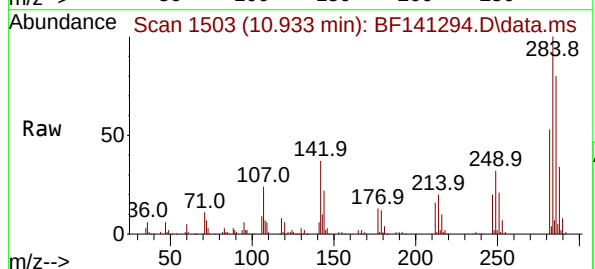
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

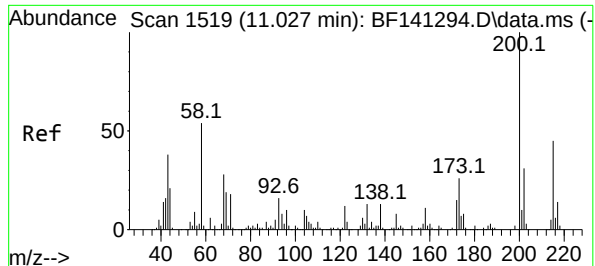
Tgt Ion:248 Resp: 198895
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 79.6 63.7 95.5



#68
Hexachlorobenzene
Concen: 38.586 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:284 Resp: 209735
Ion Ratio Lower Upper
284 100
142 36.9 29.5 44.3
249 31.8 25.4 38.2

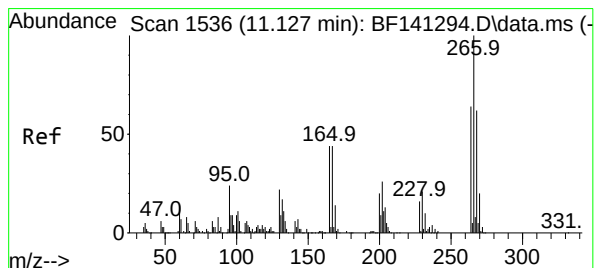
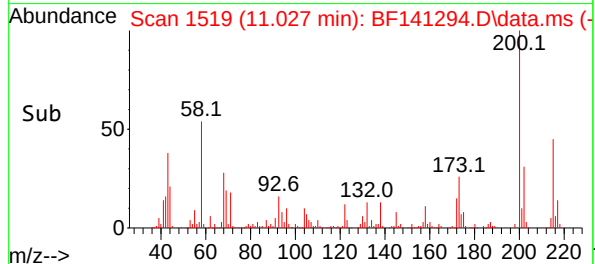
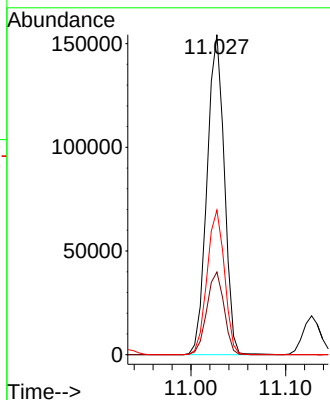
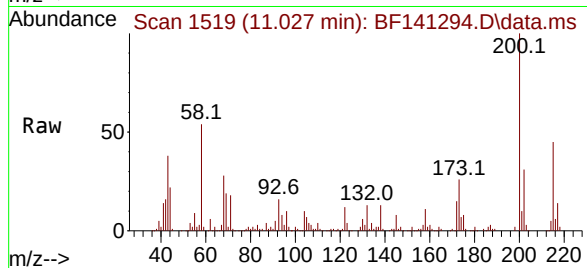




#69
Atrazine
Concen: 39.131 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

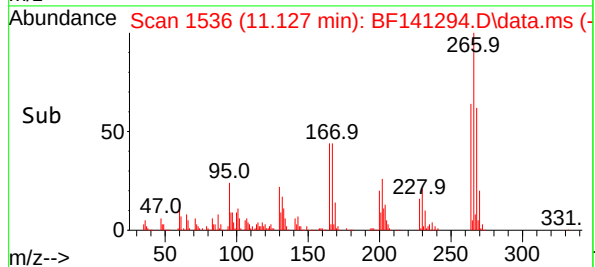
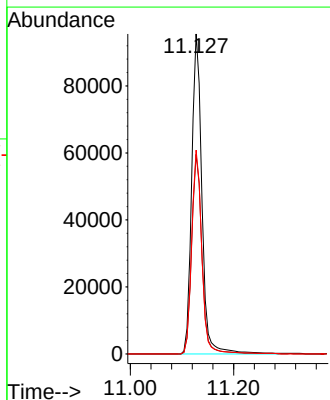
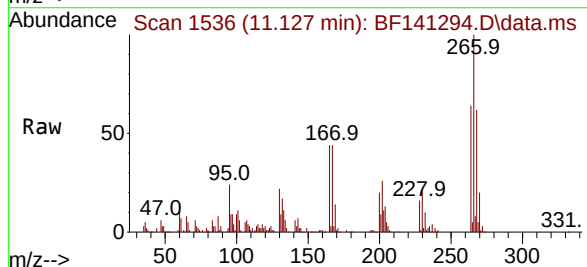
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

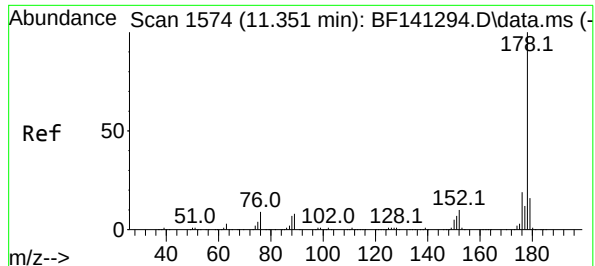
Tgt Ion:200 Resp: 195062
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 45.2 25.2 65.2



#70
Pentachlorophenol
Concen: 41.196 ng
RT: 11.127 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:266 Resp: 131295
Ion Ratio Lower Upper
266 100
268 62.4 49.9 74.9
264 63.7 51.0 76.4

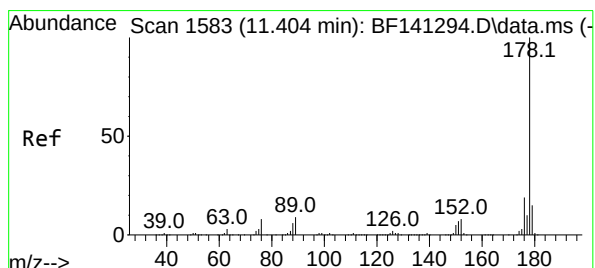
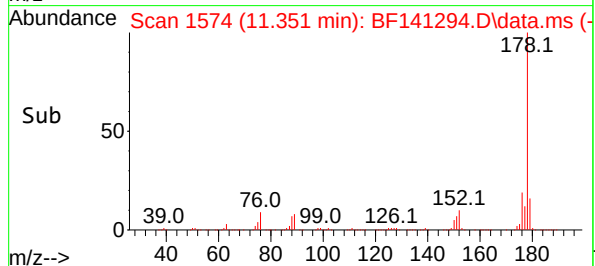
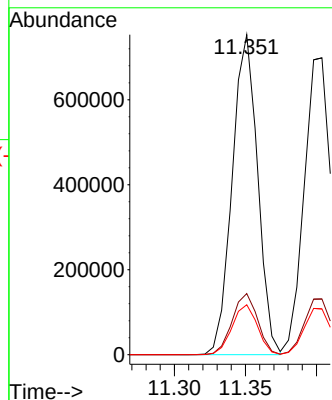
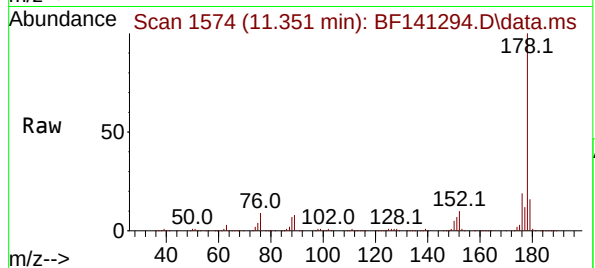




#71
Phenanthrene
Concen: 38.175 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

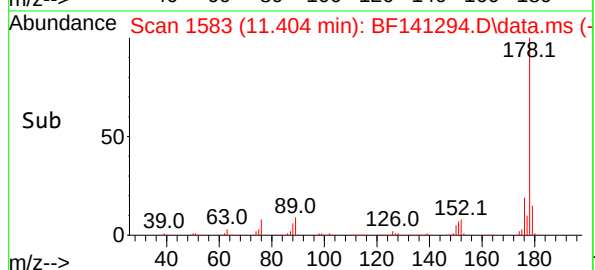
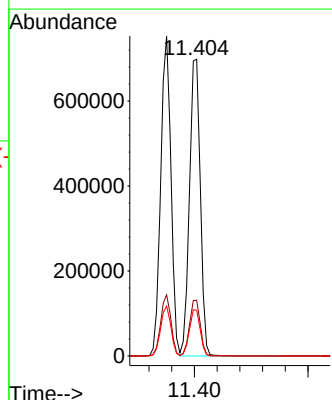
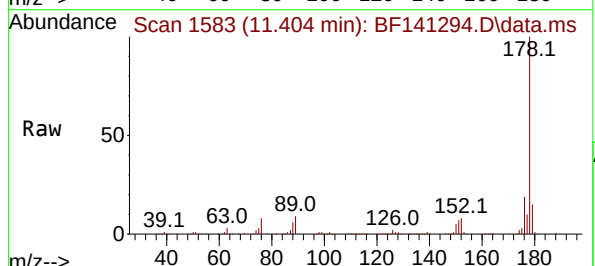
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

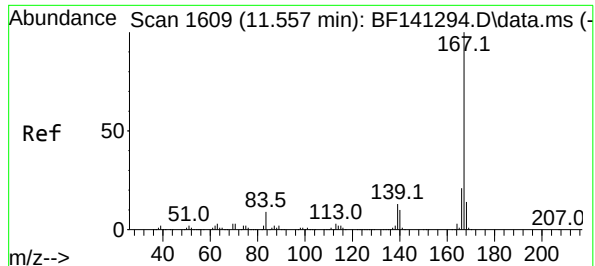
Tgt Ion:178 Resp: 940021
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 38.521 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:178 Resp: 925244
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.3 18.5

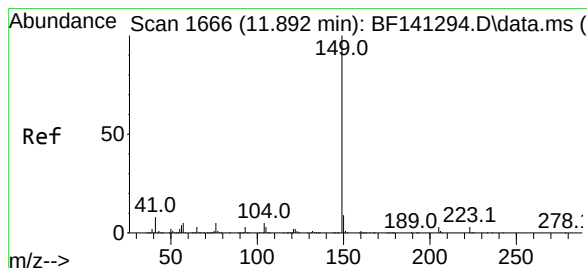
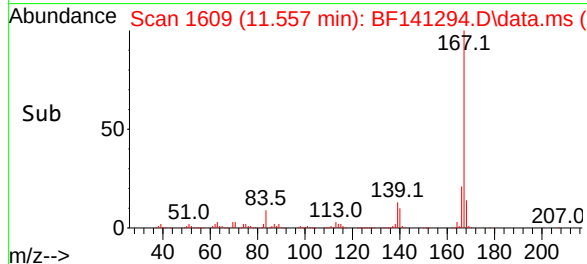
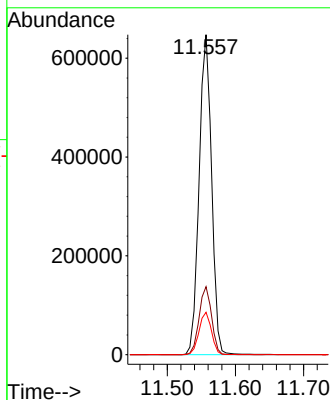
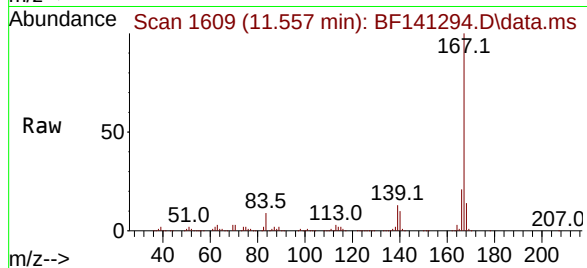




#73
Carbazole
Concen: 38.735 ng
RT: 11.557 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

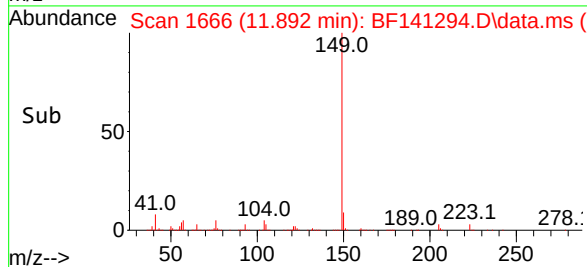
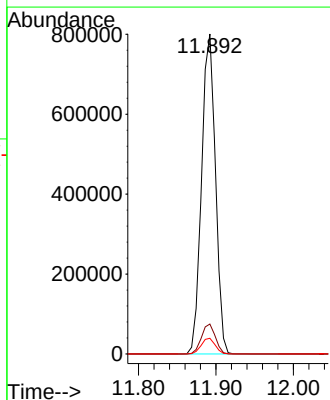
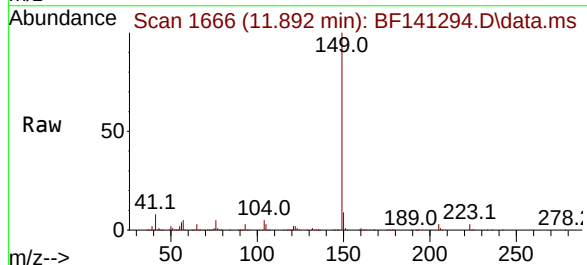
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

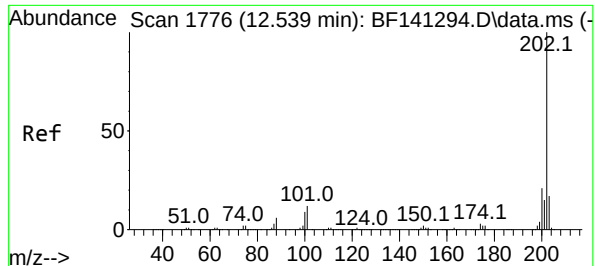
Tgt Ion:	167	Resp:	824095
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.3	10.6	16.0



#74
Di-n-butylphthalate
Concen: 38.805 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:	149	Resp:	995172
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.9	5.9

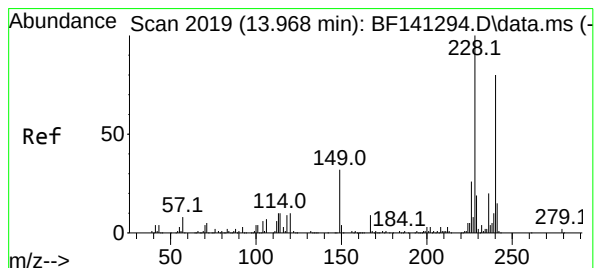
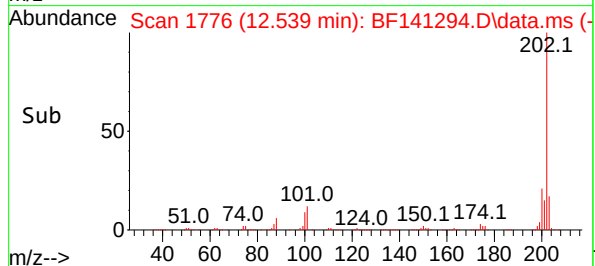
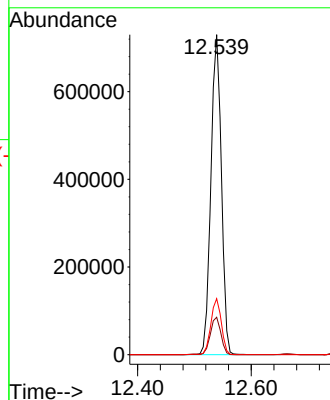
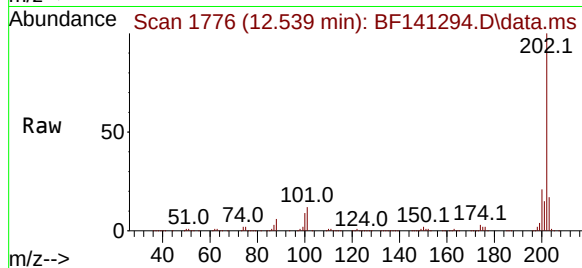




#75
Fluoranthene
Concen: 38.650 ng
RT: 12.539 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

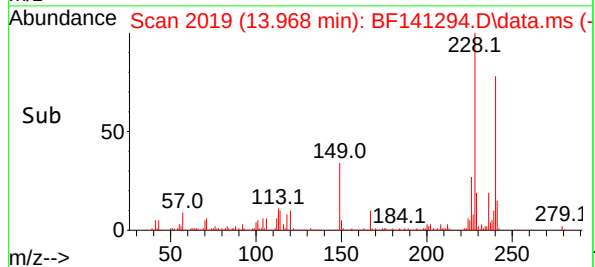
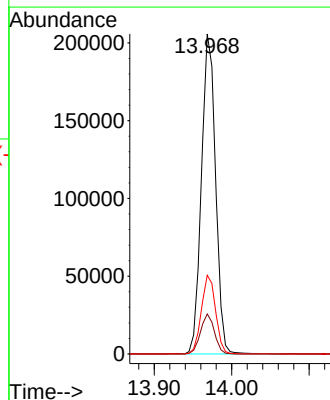
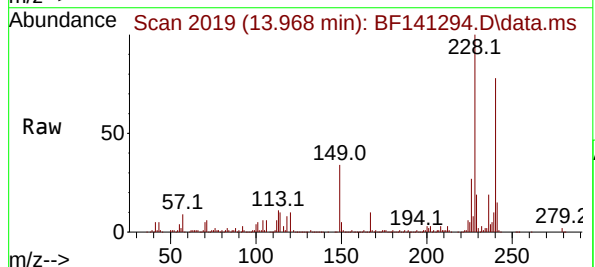
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

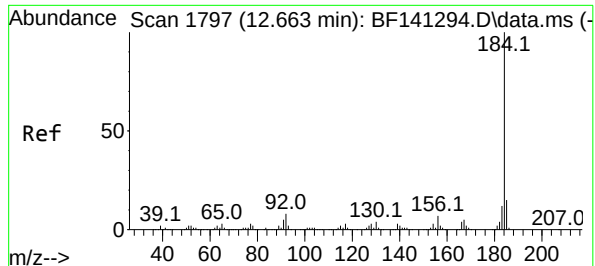
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	24.6	19.7	29.5

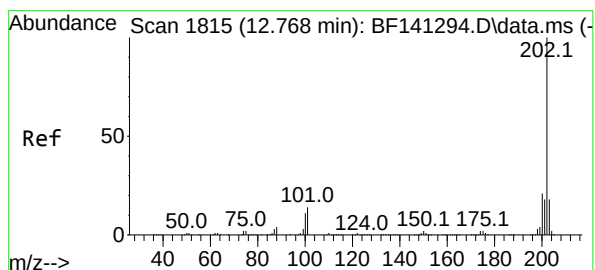
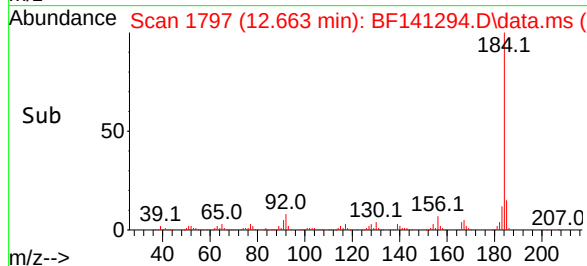
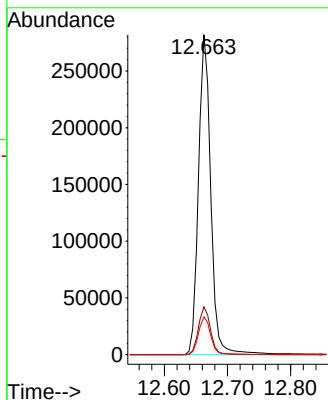
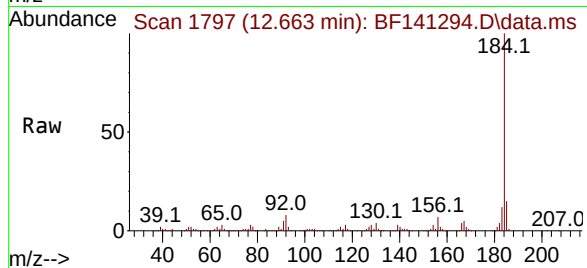




#77
Benzidine
Concen: 48.034 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

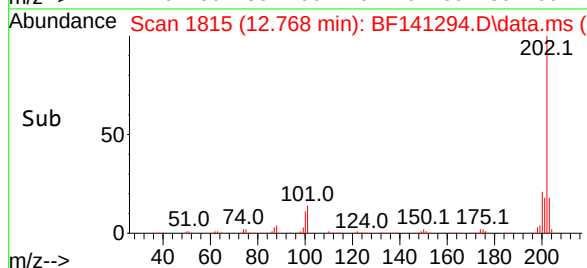
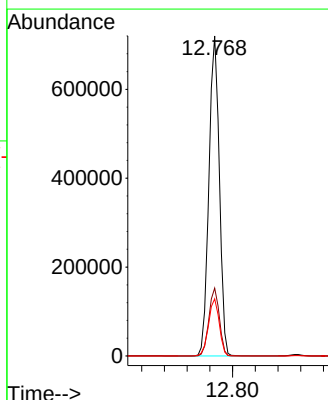
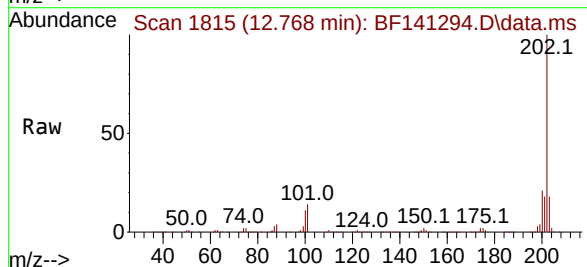
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

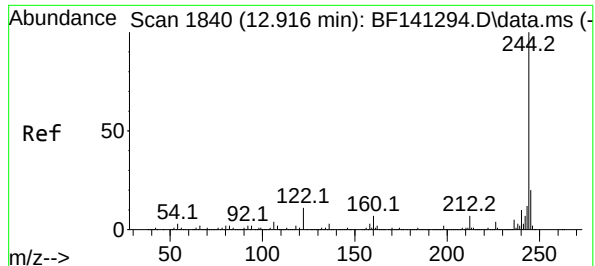
Tgt Ion:184 Resp: 380623
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.9 9.5 14.3



#78
Pyrene
Concen: 36.333 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:202 Resp: 914205
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.3 21.5

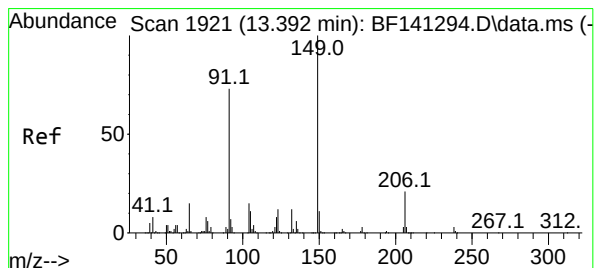
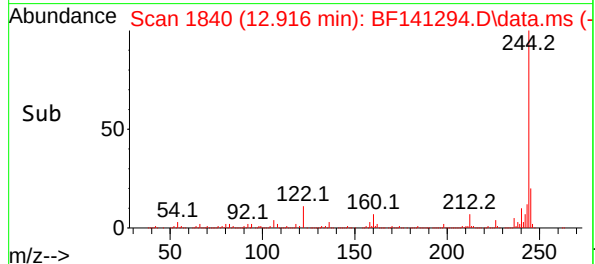
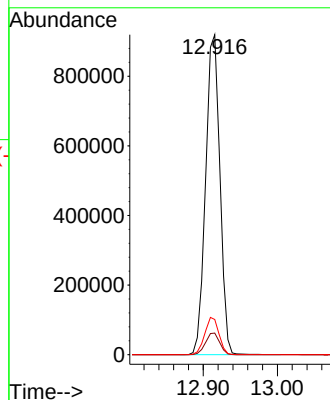
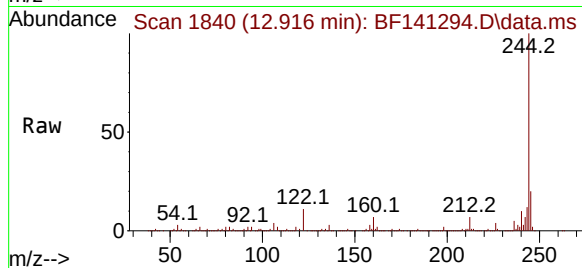




#79
Terphenyl-d14
Concen: 72.802 ng
RT: 12.916 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

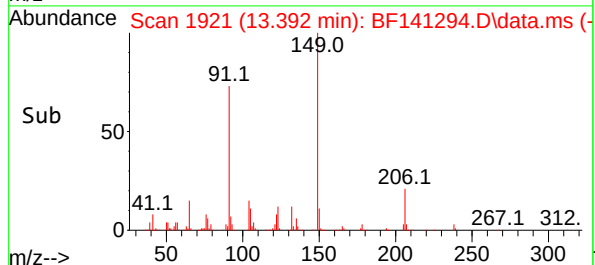
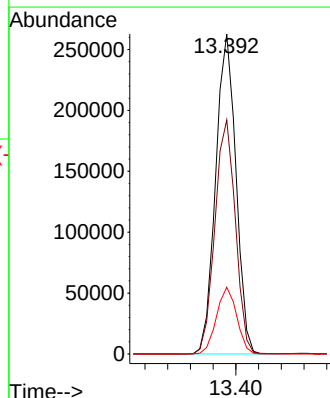
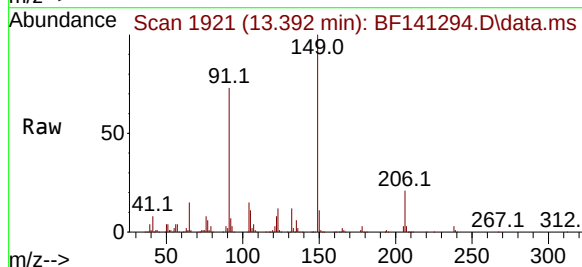
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

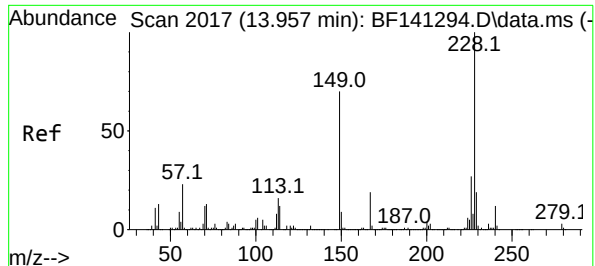
Tgt Ion:244 Resp: 1232977
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.0 8.8 13.2



#80
Butylbenzylphthalate
Concen: 37.532 ng
RT: 13.392 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 326158
Ion Ratio Lower Upper
149 100
91 73.2 58.6 87.8
206 20.9 16.7 25.1

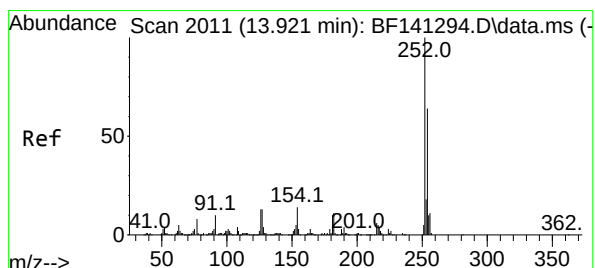
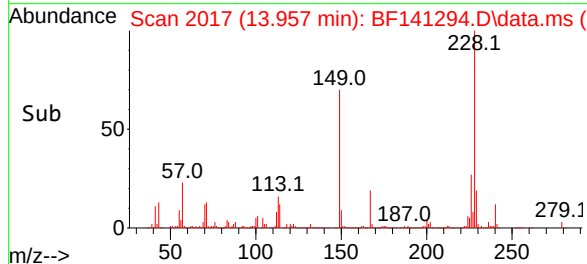
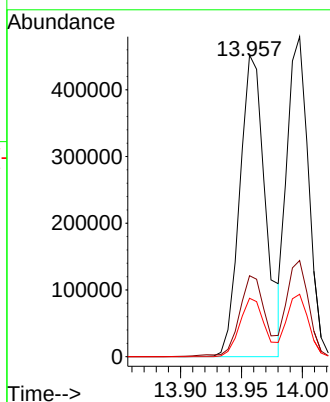
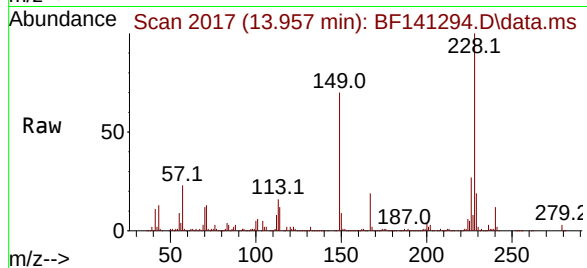




#81
Benzo(a)anthracene
Concen: 37.062 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

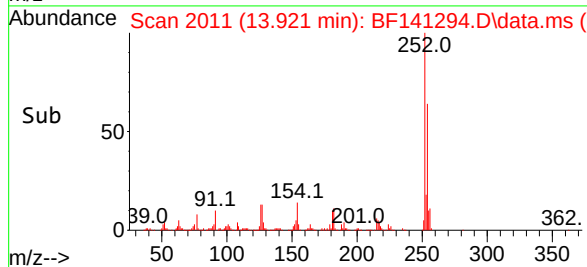
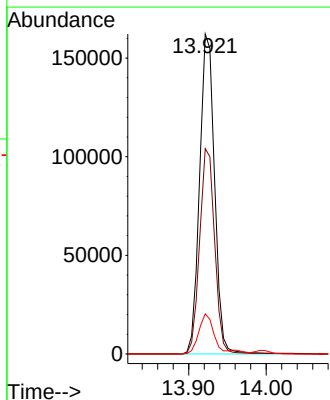
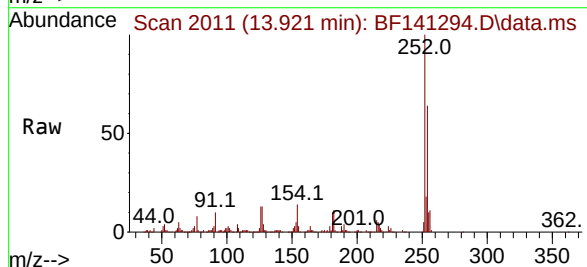
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

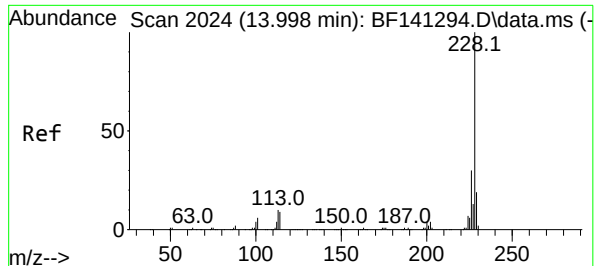
Tgt Ion:228 Resp: 661997
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 38.953 ng
RT: 13.921 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:252 Resp: 217856
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 12.5 10.0 15.0

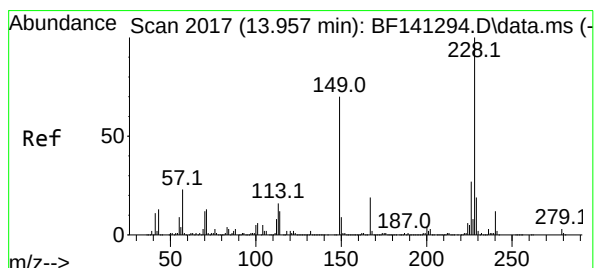
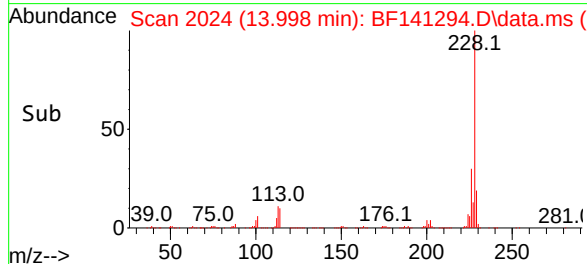
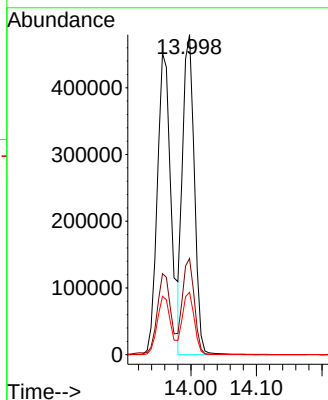
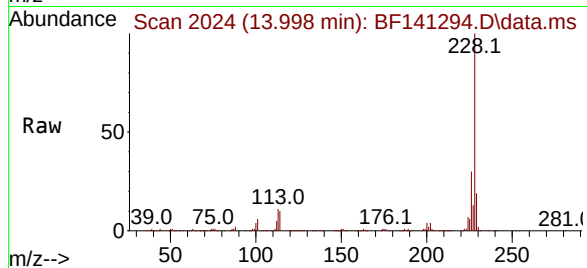




#83
Chrysene
Concen: 35.738 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

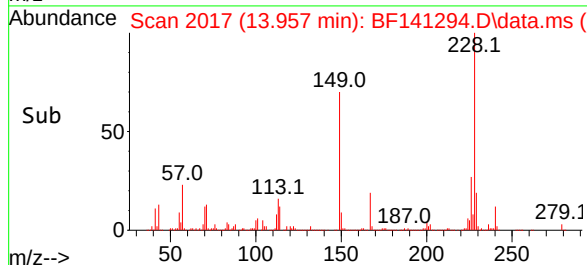
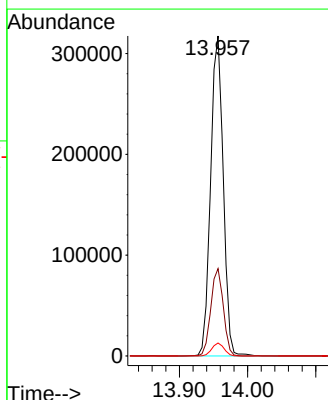
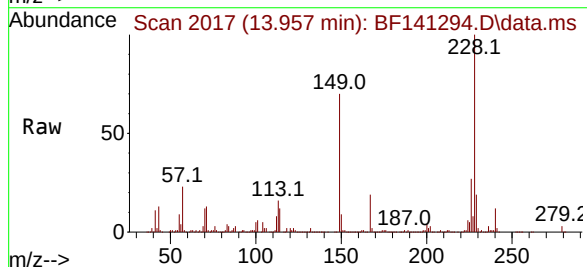
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

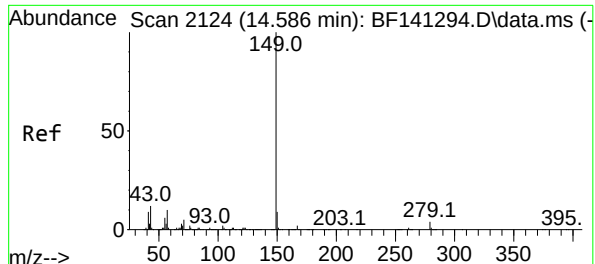
Tgt Ion:228 Resp: 591939
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.540 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 409365
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.1 3.3 4.9

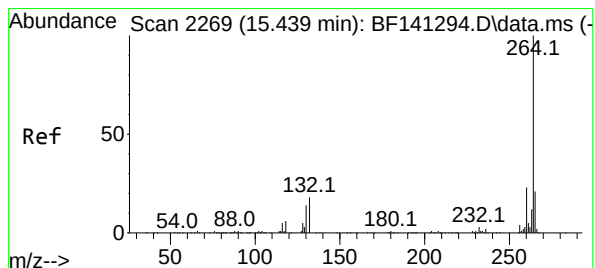
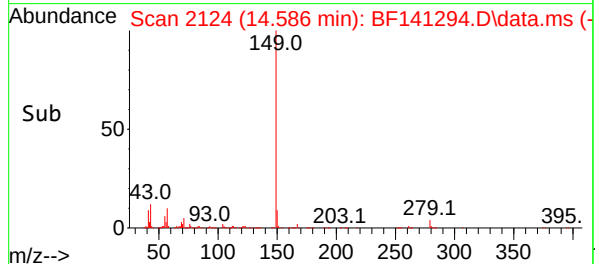
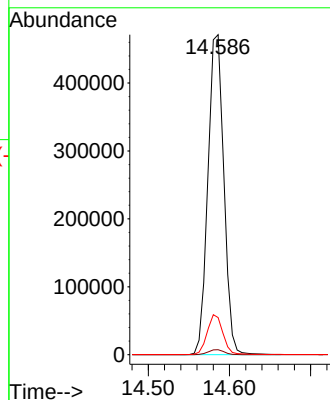
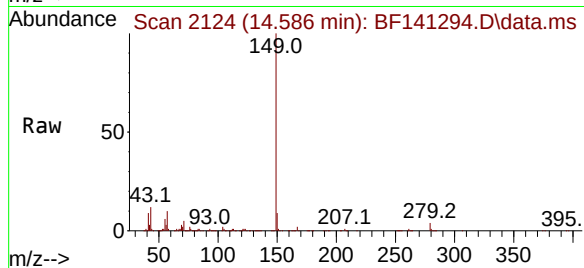




#85
Di-n-octyl phthalate
Concen: 37.578 ng
RT: 14.586 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

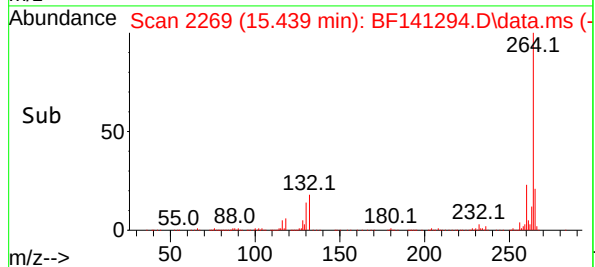
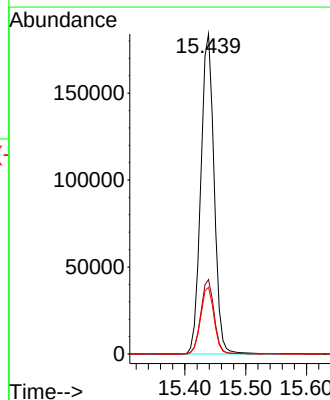
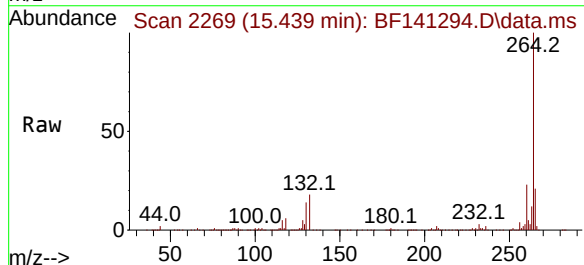
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

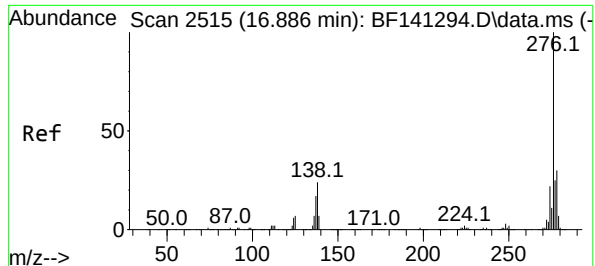
Tgt Ion:149 Resp: 640977
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.3 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:264 Resp: 279417
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.9 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.503 ng

RT: 16.886 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

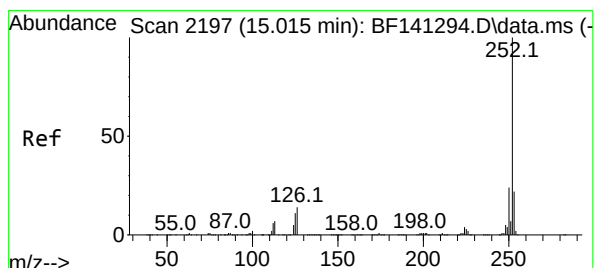
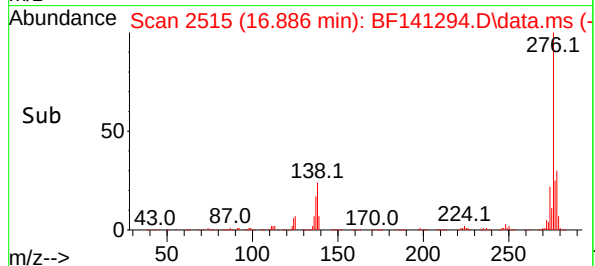
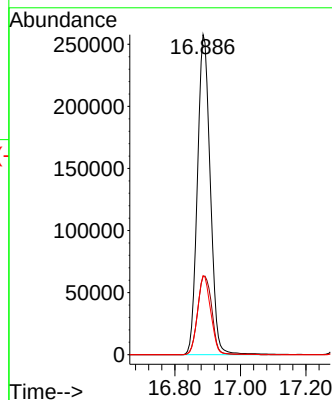
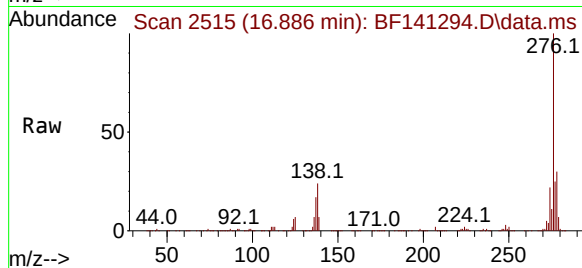
Tgt Ion:276 Resp: 702692

Ion Ratio Lower Upper

276 100

138 27.1 21.7 32.5

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 36.061 ng

RT: 15.015 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

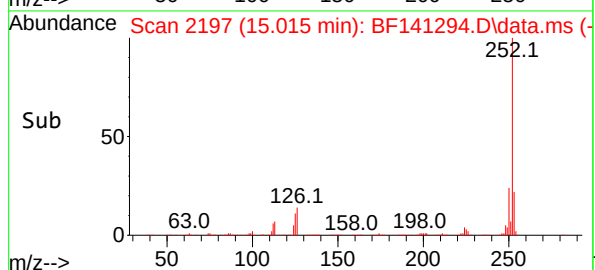
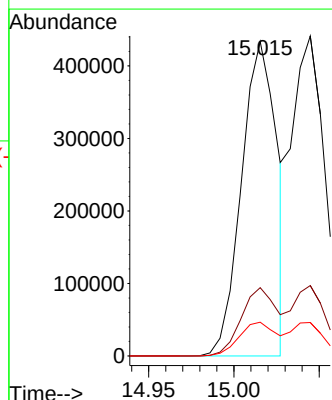
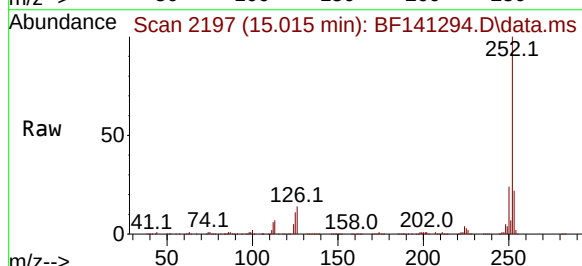
Tgt Ion:252 Resp: 625758

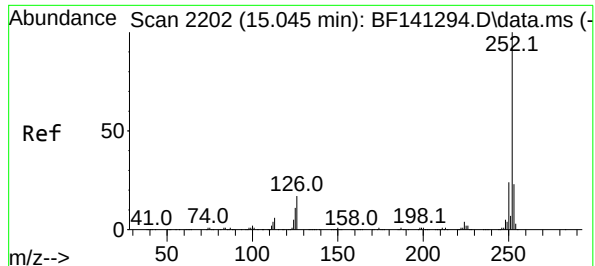
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 38.959 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

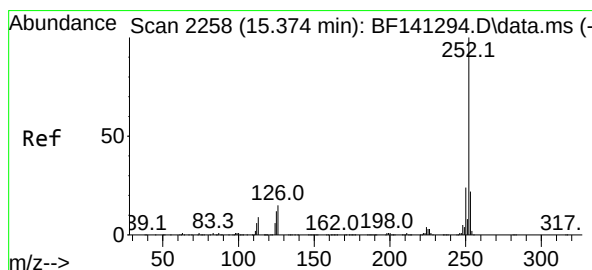
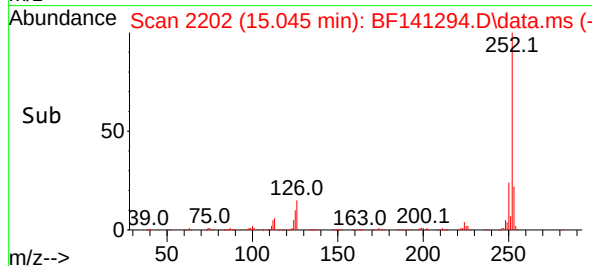
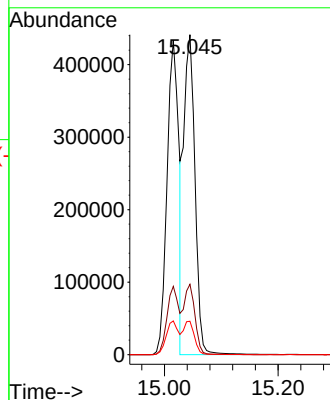
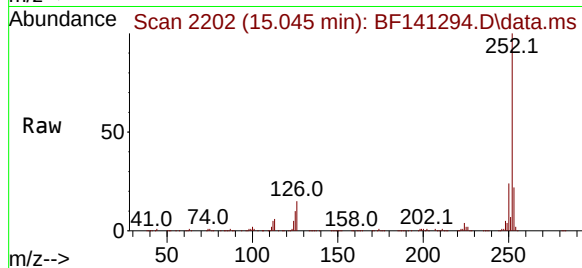
Tgt Ion:252 Resp: 605401

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.5 8.4 12.6



#90

Benzo(a)pyrene

Concen: 38.096 ng

RT: 15.374 min Scan# 2258

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

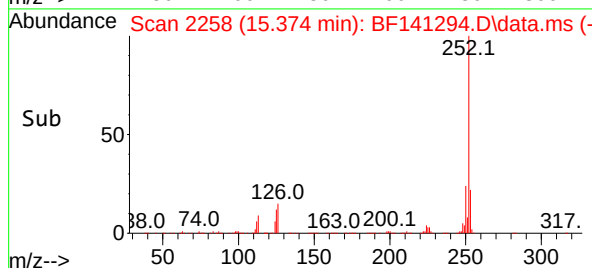
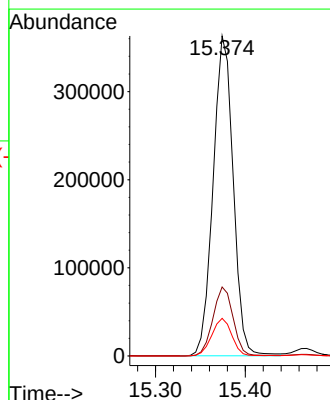
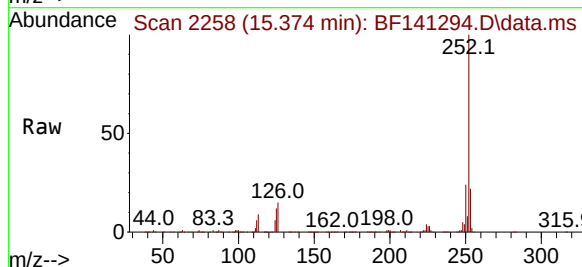
Tgt Ion:252 Resp: 564975

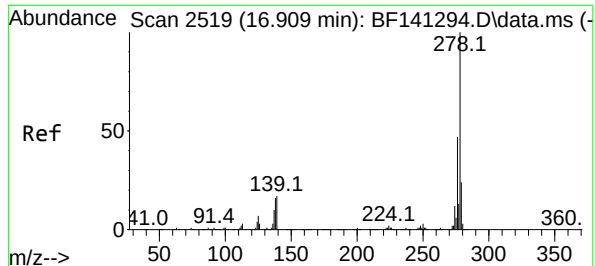
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 11.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.812 ng

RT: 16.909 min Scan# 2519

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

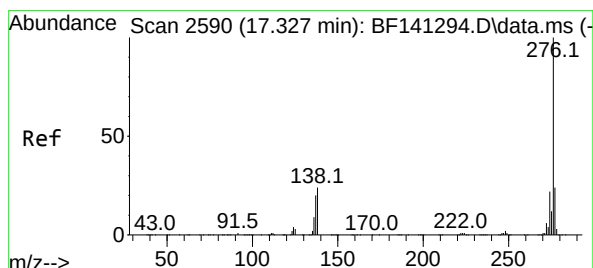
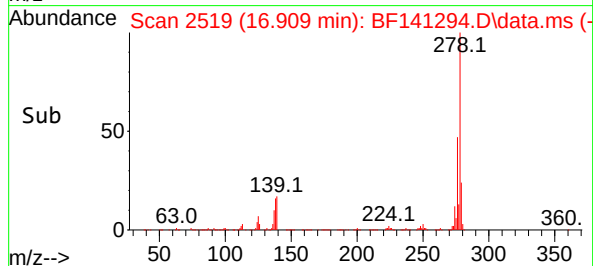
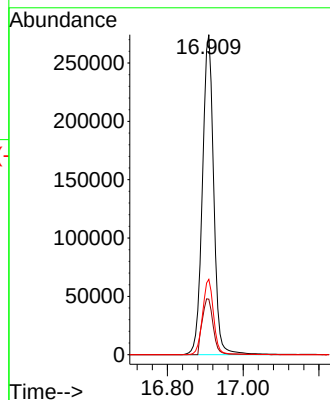
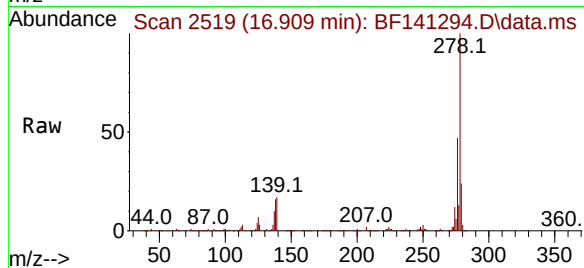
Tgt Ion:278 Resp: 567762

Ion Ratio Lower Upper

278 100

139 17.4 13.9 20.9

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 37.870 ng

RT: 17.327 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BF141294.D

Acq: 29 Jan 2025 15:45

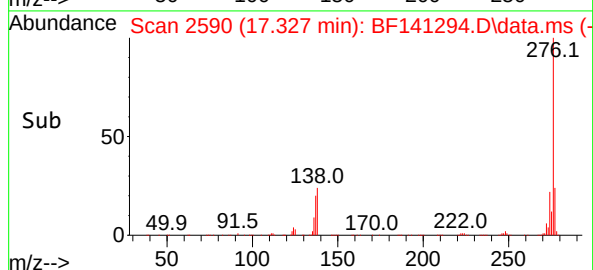
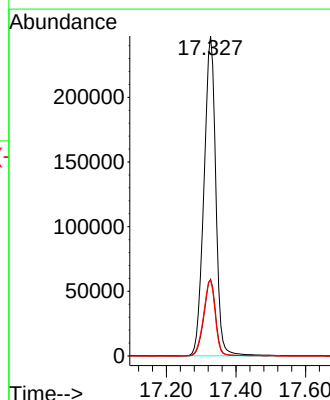
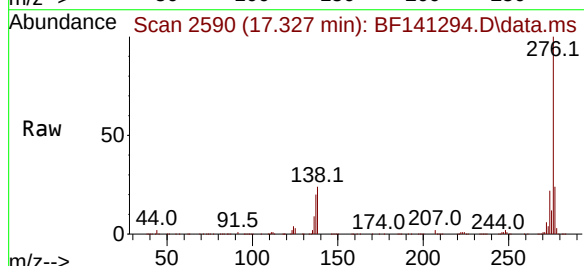
Tgt Ion:276 Resp: 582768

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.7 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141295.D
 Acq On : 29 Jan 2025 16:11
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 17:01:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	130633	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	511843	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	269662	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	442506	20.000	ng	0.00
76) Chrysene-d12	13.968	240	226571	20.000	ng	0.00
86) Perylene-d12	15.439	264	272084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	827672	97.984	ng	0.00
7) Phenol-d6	6.428	99	1052381	97.751	ng	0.00
23) Nitrobenzene-d5	7.369	82	955368	98.761	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235884	95.997	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1620825	92.721	ng	0.00
79) Terphenyl-d14	12.916	244	1402103	95.222	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	187460	49.995	ng	98
3) Pyridine	3.222	79	455306	50.773	ng	100
4) n-Nitrosodimethylamine	3.181	42	262086	51.033	ng	100
6) Aniline	6.463	93	458390	50.942	ng	97
8) 2-Chlorophenol	6.587	128	441862	48.707	ng	98
9) Benzaldehyde	6.351	77	281326	44.996	ng	98
10) Phenol	6.445	94	553844	48.628	ng	95
11) bis(2-Chloroethyl)ether	6.539	93	424248	48.433	ng	98
12) 1,3-Dichlorobenzene	6.739	146	489386	48.913	ng	100
13) 1,4-Dichlorobenzene	6.816	146	490392	48.671	ng	99
14) 1,2-Dichlorobenzene	6.975	146	454569	48.279	ng	99
15) Benzyl Alcohol	6.939	79	371274	50.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	749938	49.280	ng	99
17) 2-Methylphenol	7.051	107	361469	49.214	ng	99
18) Hexachloroethane	7.310	117	182933	49.073	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	305749	47.753	ng	98
20) 3+4-Methylphenols	7.210	107	434743	48.143	ng	94
22) Acetophenone	7.210	105	574700	47.365	ng	# 97
24) Nitrobenzene	7.386	77	492082	49.046	ng	98
25) Isophorone	7.622	82	818496	48.959	ng	99
26) 2-Nitrophenol	7.698	139	242228	51.545	ng	99
27) 2,4-Dimethylphenol	7.734	122	300079m	49.969	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	518825	48.701	ng	99
29) 2,4-Dichlorophenol	7.939	162	363275	49.507	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	406562	48.309	ng	100
31) Naphthalene	8.104	128	1304758	48.468	ng	100
32) Benzoic acid	7.857	122	308525	56.571	ng	99
33) 4-Chloroaniline	8.151	127	449543	49.712	ng	100
34) Hexachlorobutadiene	8.222	225	243308	49.395	ng	99
35) Caprolactam	8.528	113	120078	50.594	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	385683	48.973	ng	98
37) 2-Methylnaphthalene	8.792	142	822986	48.006	ng	99
38) 1-Methylnaphthalene	8.892	142	799136	47.586	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	373963	48.774	ng	100
41) Hexachlorocyclopentadiene	8.945	237	122470	53.227	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	252974	50.545	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141295.D
 Acq On : 29 Jan 2025 16:11
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 17:01:11 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 29 16:24:35 2025

Response via : Initial Calibration

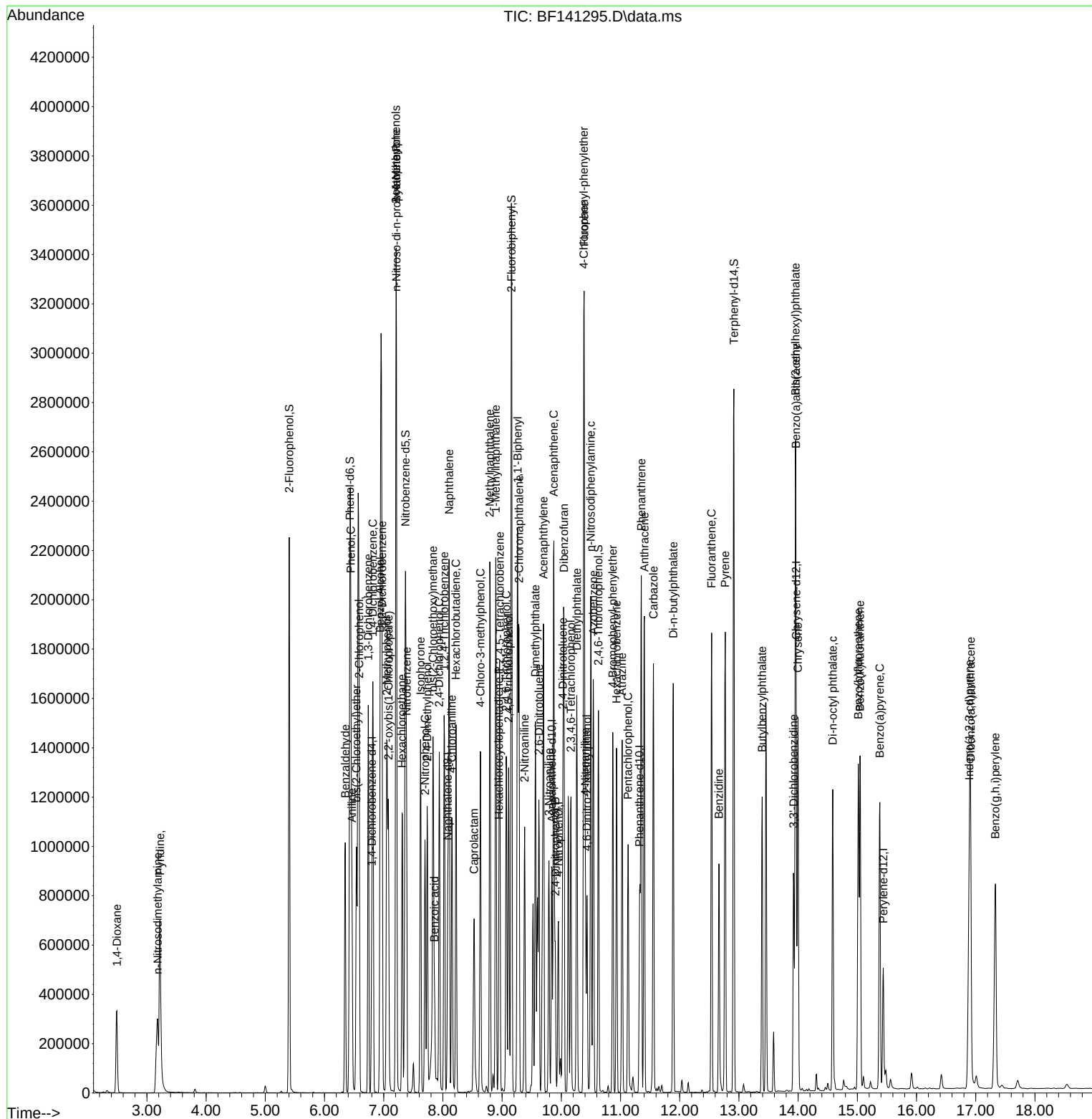
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	263745	48.438	ng	98
46) 1,1'-Biphenyl	9.263	154	1005774	47.808	ng	99
47) 2-Chloronaphthalene	9.286	162	781613	47.835	ng	99
48) 2-Nitroaniline	9.380	65	257199	49.907	ng	98
49) Acenaphthylene	9.698	152	1092234	47.595	ng	100
50) Dimethylphthalate	9.563	163	875569	48.419	ng	100
51) 2,6-Dinitrotoluene	9.622	165	204917	48.697	ng	98
52) Acenaphthene	9.875	154	789039	48.322	ng	100
53) 3-Nitroaniline	9.792	138	197832	47.528	ng	99
54) 2,4-Dinitrophenol	9.898	184	105313	53.096	ng	96
55) Dibenzofuran	10.045	168	1028182	47.082	ng	100
56) 4-Nitrophenol	9.951	139	155594	52.067	ng	99
57) 2,4-Dinitrotoluene	10.027	165	264325	48.700	ng	97
58) Fluorene	10.386	166	784644	46.215	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	205508	47.772	ng	98
60) Diethylphthalate	10.263	149	834803	47.668	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	380948	45.976	ng	99
62) 4-Nitroaniline	10.404	138	198241	49.579	ng	98
63) Azobenzene	10.539	77	841797	47.955	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	144574	54.710	ng	97
66) n-Nitrosodiphenylamine	10.498	169	688202	47.968	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	241123	48.745	ng	99
68) Hexachlorobenzene	10.933	284	253174	48.250	ng	100
69) Atrazine	11.027	200	237991	49.457	ng	98
70) Pentachlorophenol	11.127	266	161568	52.515	ng	99
71) Phenanthrene	11.351	178	1114920	46.903	ng	99
72) Anthracene	11.404	178	1105681	47.686	ng	100
73) Carbazole	11.557	167	971542	47.304	ng	99
74) Di-n-butylphthalate	11.892	149	1162607	46.961	ng	100
75) Fluoranthene	12.539	202	1065514	45.923	ng	100
77) Benzidine	12.663	184	513358	74.515	ng	99
78) Pyrene	12.768	202	1059044	48.410	ng	99
80) Butylbenzylphthalate	13.392	149	371889	49.222	ng	99
81) Benzo(a)anthracene	13.963	228	778922	50.158	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	270572	55.645	ng	99
83) Chrysene	13.998	228	717569	49.829	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	470441	49.620	ng	99
85) Di-n-octyl phthalate	14.586	149	773037	52.127	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	916714	51.584	ng	100
88) Benzo(b)fluoranthene	15.015	252	860351	50.916	ng	100
89) Benzo(k)fluoranthene	15.045	252	713500	47.153	ng	99
90) Benzo(a)pyrene	15.380	252	721834	49.985	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	739397	51.907	ng	100
92) Benzo(g,h,i)perylene	17.333	276	764064	50.990	ng	99

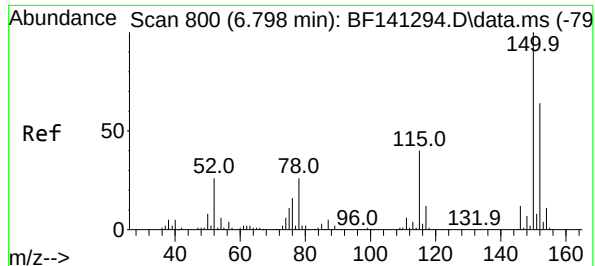
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Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations

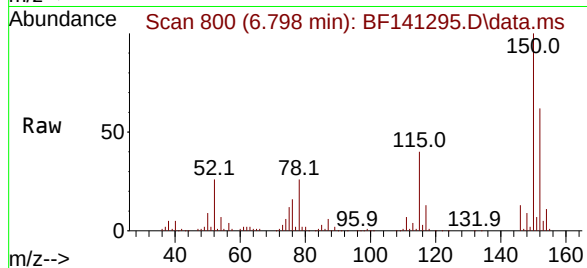
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

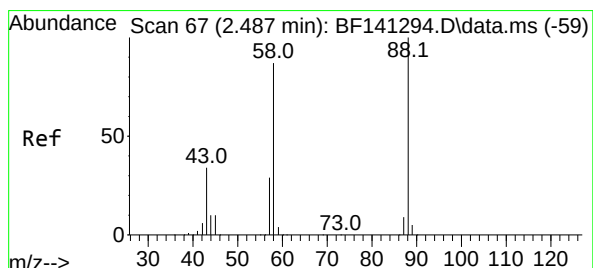
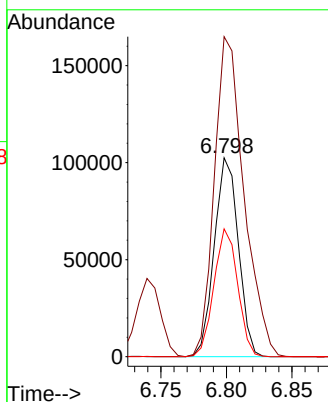
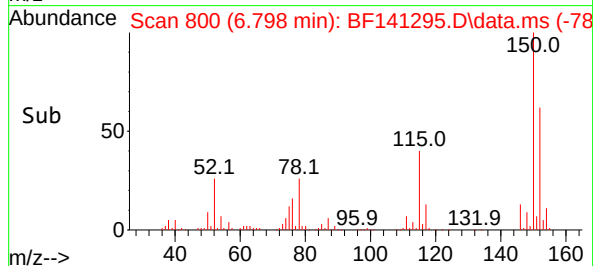
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 13063
Ion Ratio Lower Upper
152 100
150 160.9 125.9 188.9
115 64.3 49.7 74.5

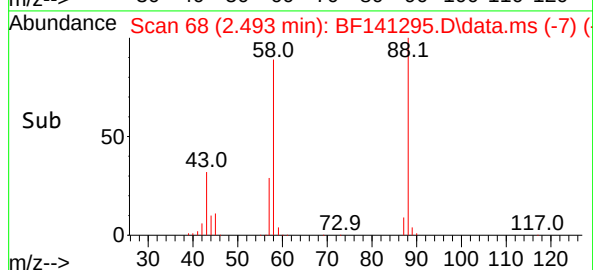
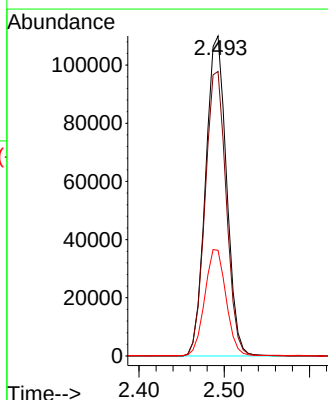
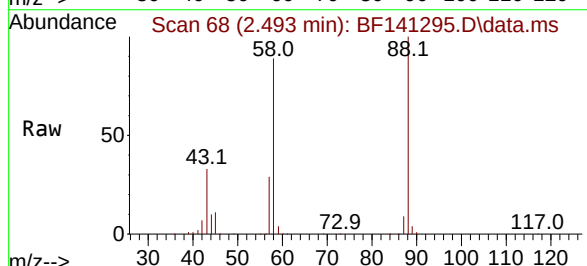
Manual Integrations
APPROVED

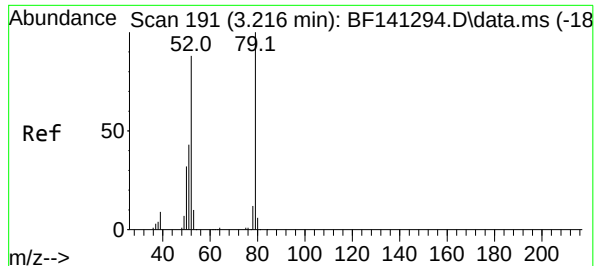
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 49.995 ng
RT: 2.493 min Scan# 68
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

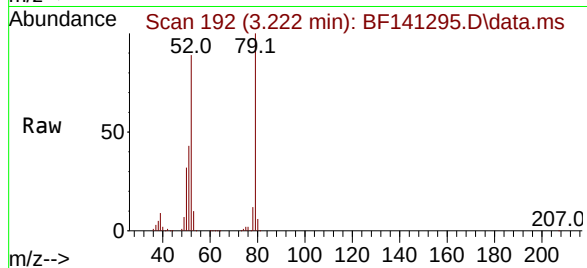
Tgt Ion: 88 Resp: 187460
Ion Ratio Lower Upper
88 100
58 89.8 70.2 105.4
43 33.5 27.6 41.4





#3
Pyridine
Concen: 50.773 ng
RT: 3.222 min Scan# 191
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

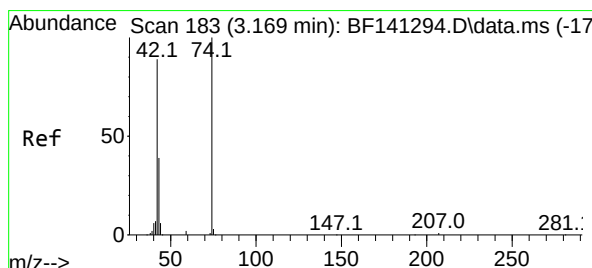
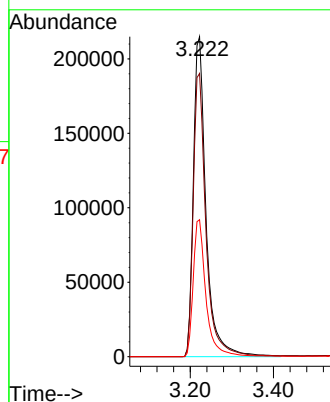
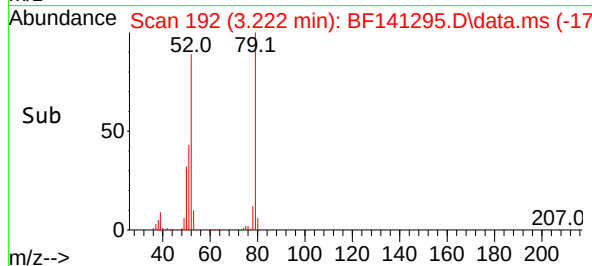
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



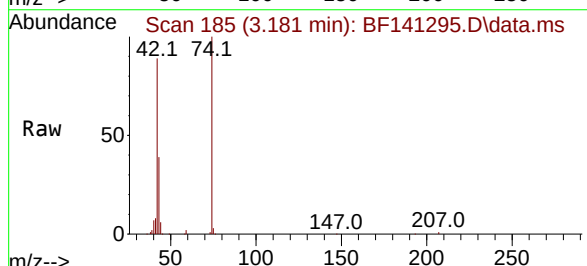
Tgt Ion: 79 Resp: 455300
Ion Ratio Lower Upper
79 100
52 88.5 70.3 105.5
51 42.8 34.3 51.5

Manual Integrations
APPROVED

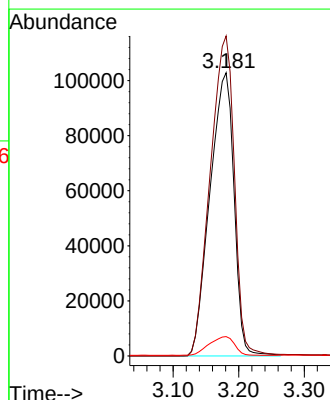
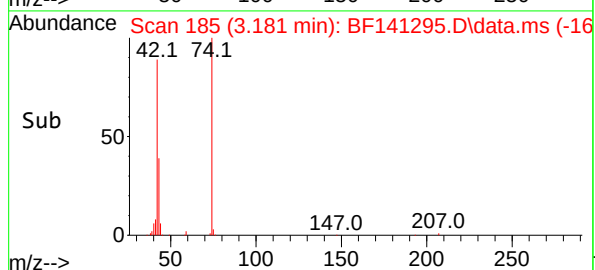
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

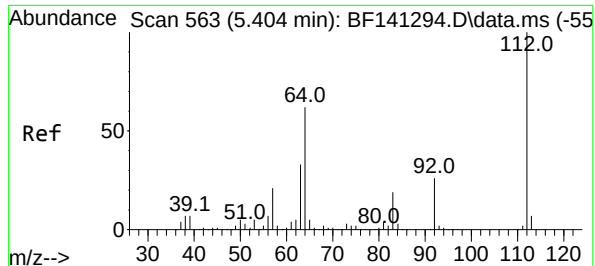


#4
n-Nitrosodimethylamine
Concen: 51.033 ng
RT: 3.181 min Scan# 185
Delta R.T. 0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



Tgt Ion: 42 Resp: 262086
Ion Ratio Lower Upper
42 100
74 113.0 90.3 135.5
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 97.984 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

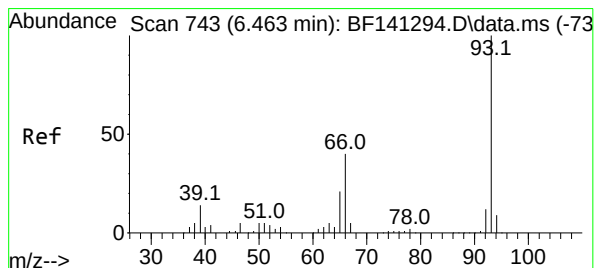
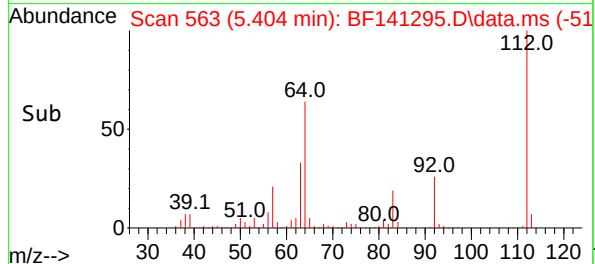
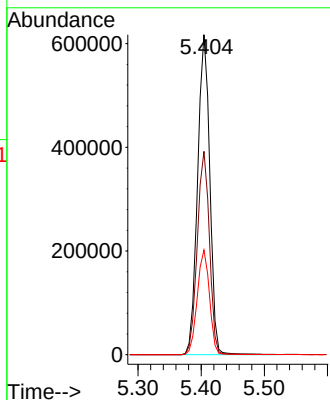
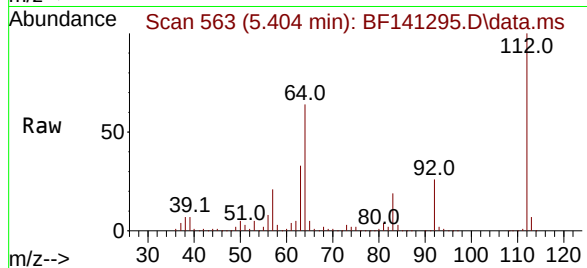
ClientSampleId :

SSTDICC050

Tgt Ion:112 Resp: 827672
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 32.7 26.1 39.1

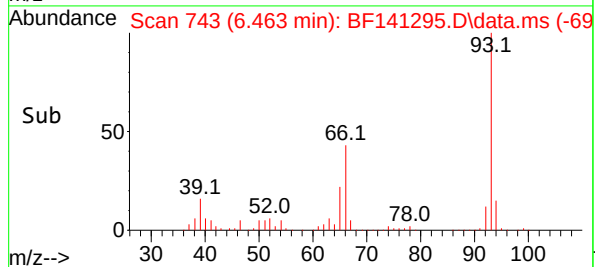
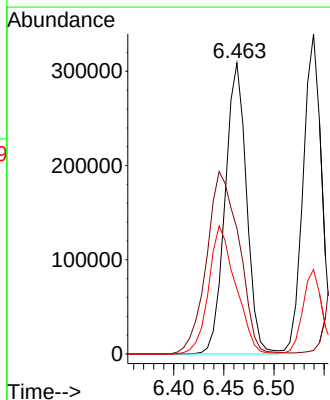
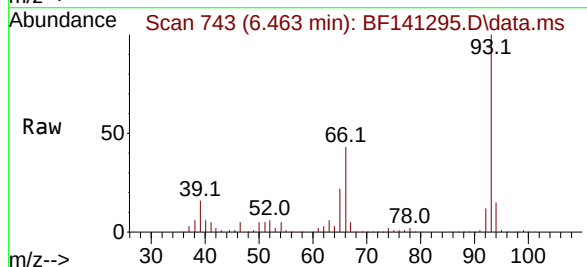
Manual Integrations
APPROVED

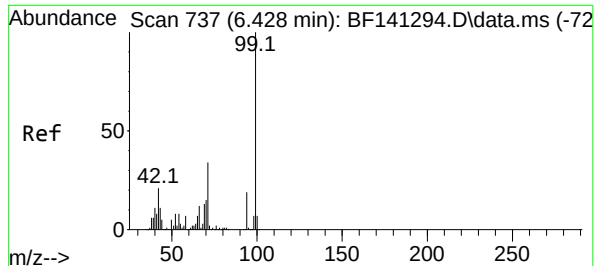
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 50.942 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

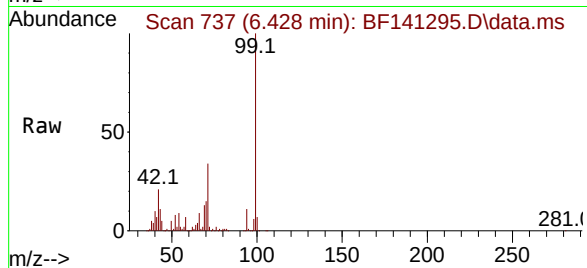
Tgt Ion: 93 Resp: 458390
Ion Ratio Lower Upper
93 100
66 43.2 32.5 48.7
65 22.4 17.0 25.6





#7
Phenol-d6
Concen: 97.751 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

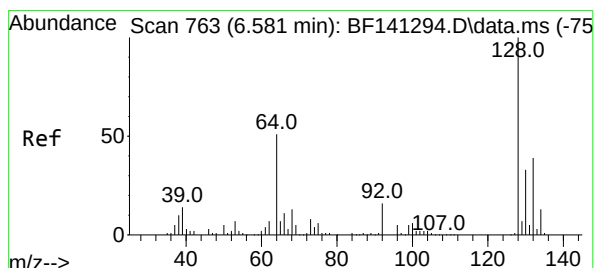
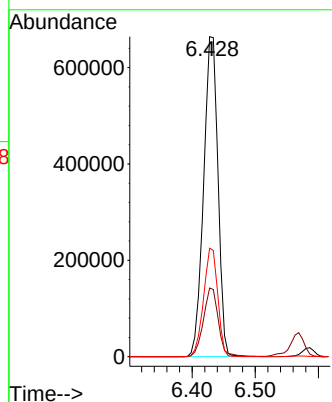
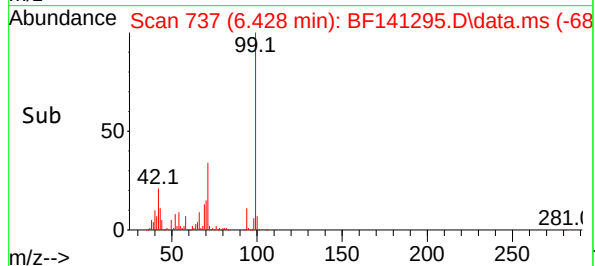
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



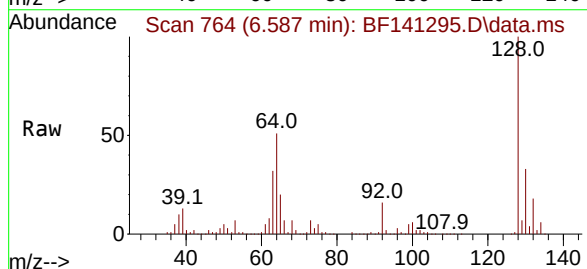
Tgt Ion: 99 Resp: 105238
Ion Ratio Lower Upper
99 100
42 21.4 17.1 25.7
71 33.9 26.9 40.3

Manual Integrations
APPROVED

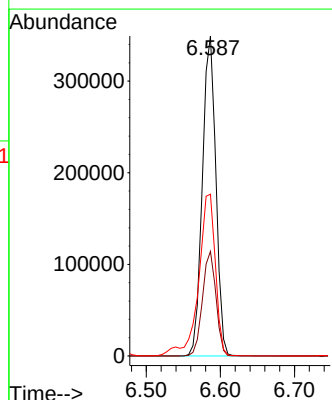
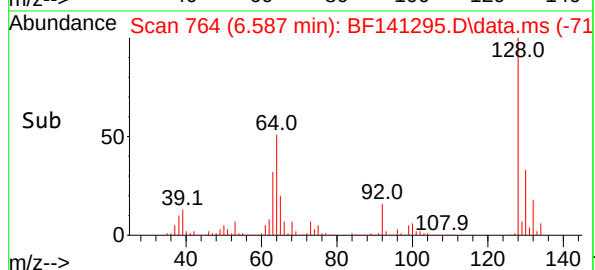
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

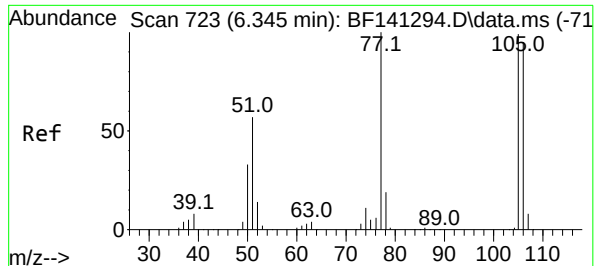


#8
2-Chlorophenol
Concen: 48.707 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



Tgt Ion:128 Resp: 441862
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 50.5 32.9 72.9





#9

Benzaldehyde

Concen: 44.996 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 281320

Ion Ratio Lower Upper

77 100

105 100.8 79.4 119.4

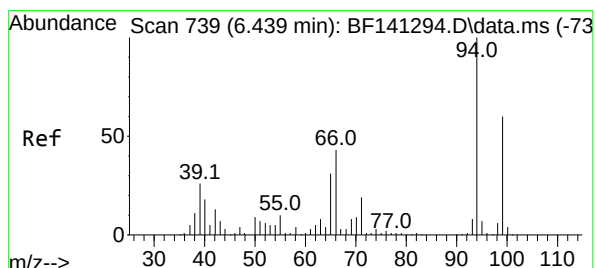
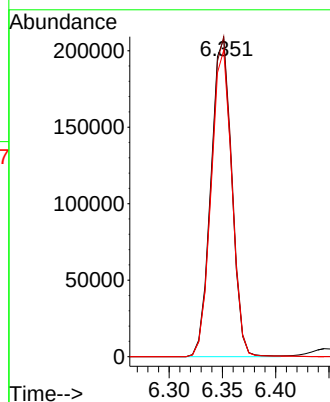
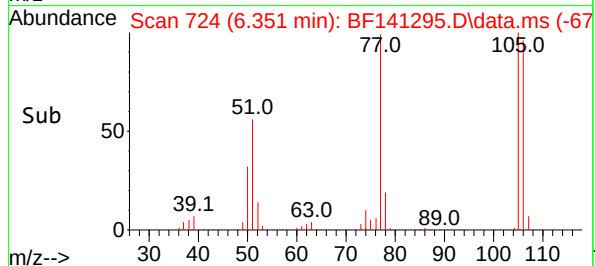
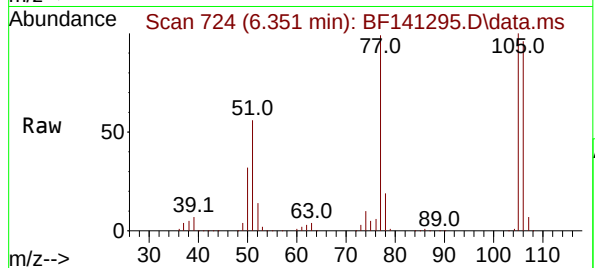
106 96.5 74.6 114.6

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#10

Phenol

Concen: 48.628 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

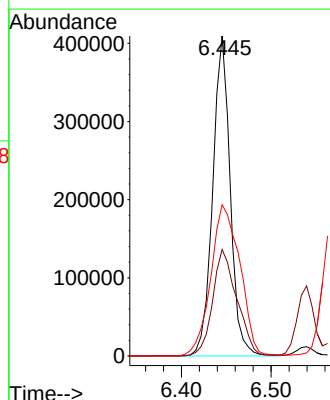
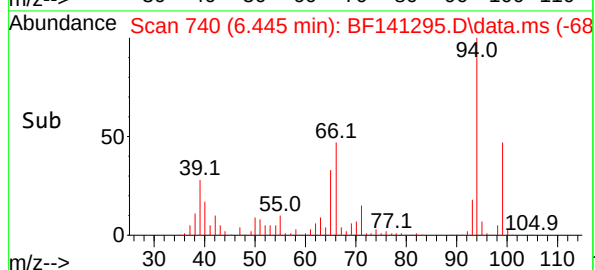
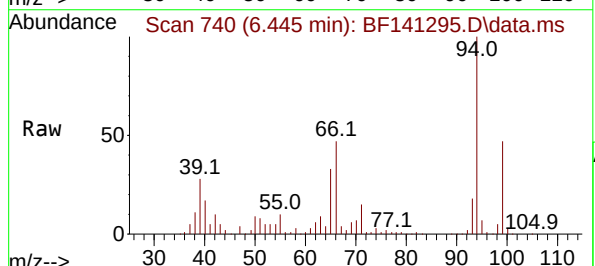
Tgt Ion: 94 Resp: 553844

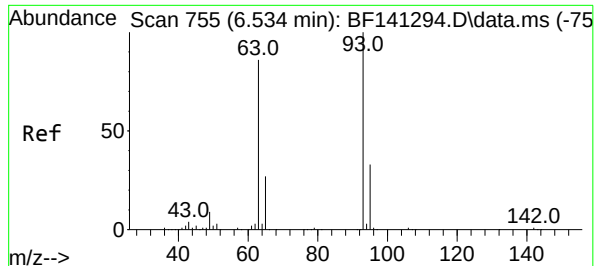
Ion Ratio Lower Upper

94 100

65 33.2 10.8 50.8

66 47.3 23.3 63.3





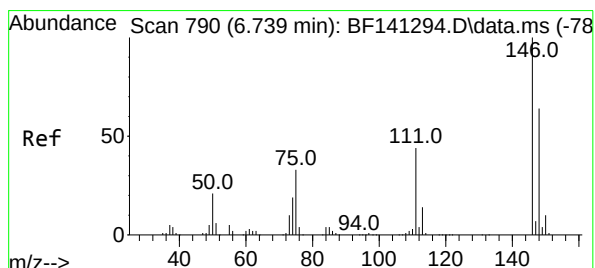
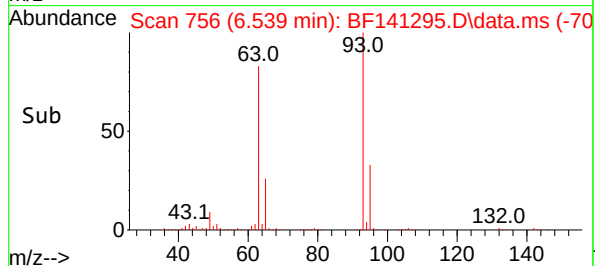
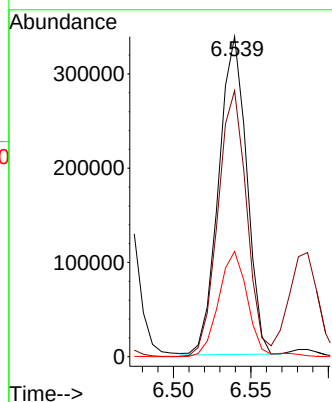
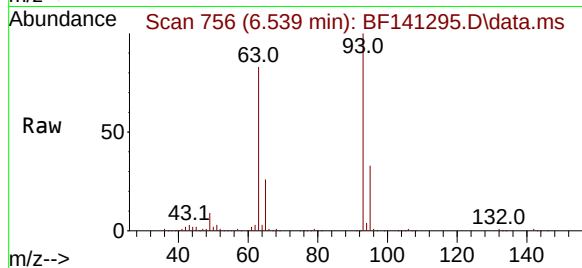
#11
bis(2-Chloroethyl)ether
Concen: 48.433 ng
RT: 6.539 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 424244
Ion Ratio Lower Upper
93 100
63 83.2 65.0 105.0
95 32.9 12.4 52.4

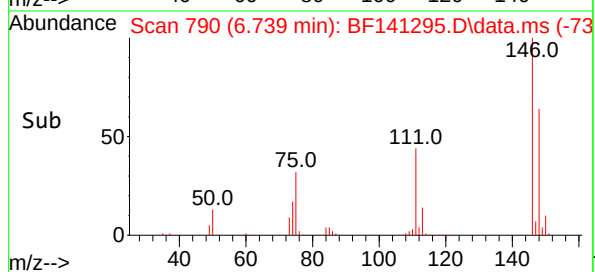
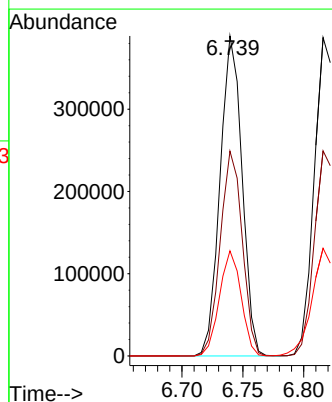
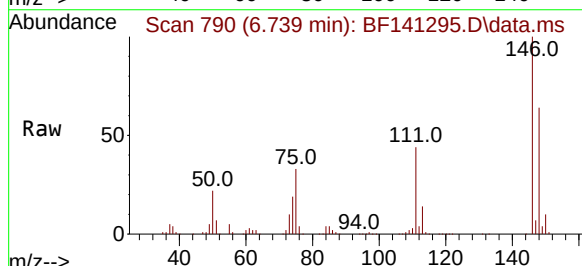
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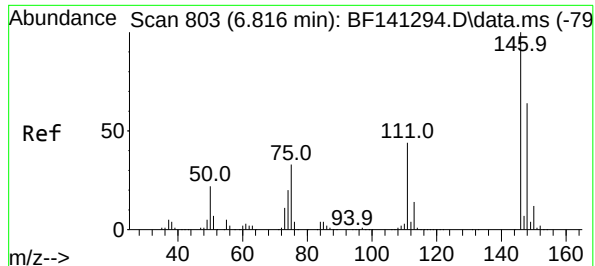
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 48.913 ng
RT: 6.739 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:146 Resp: 489386
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 32.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 48.671 ng

RT: 6.816 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 490392

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

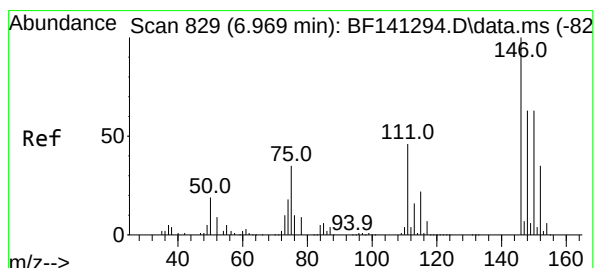
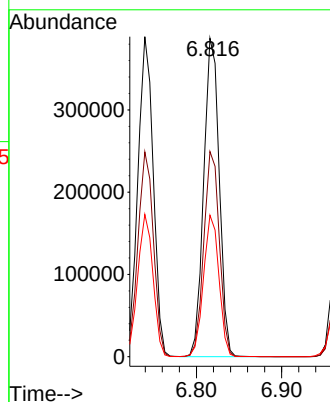
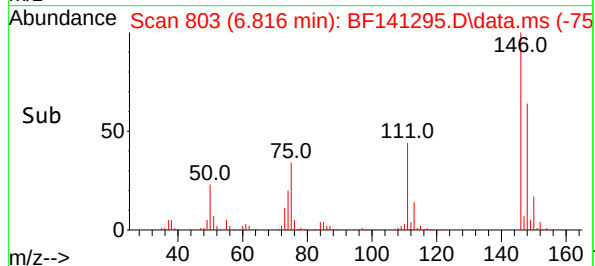
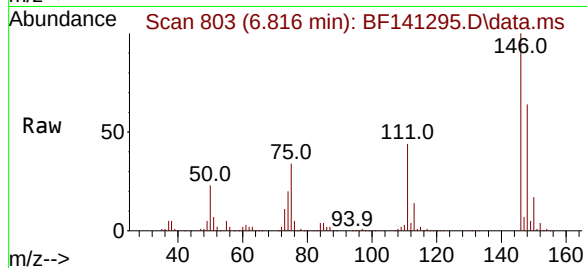
111 44.4 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 48.279 ng

RT: 6.975 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

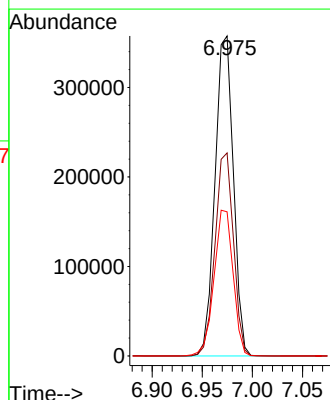
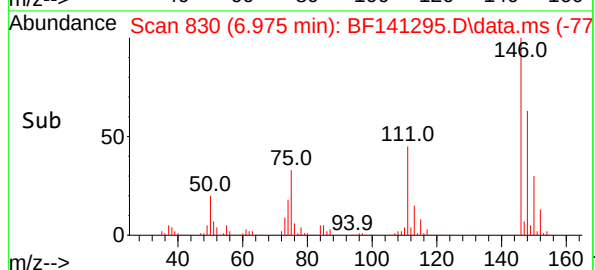
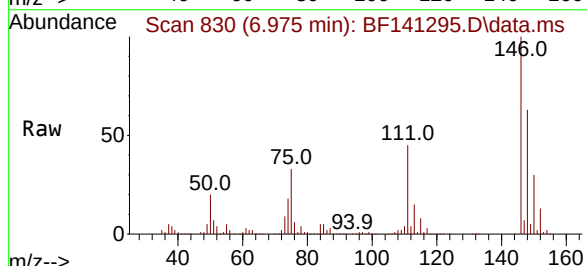
Tgt Ion:146 Resp: 454569

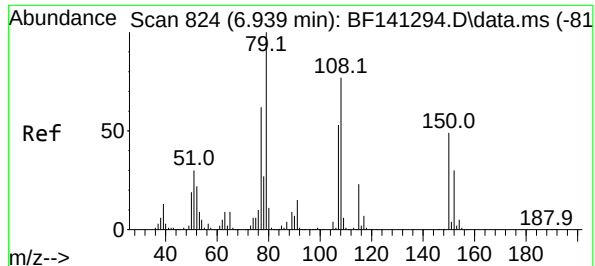
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

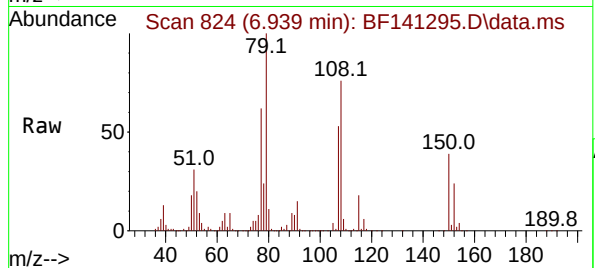
111 45.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 50.480 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

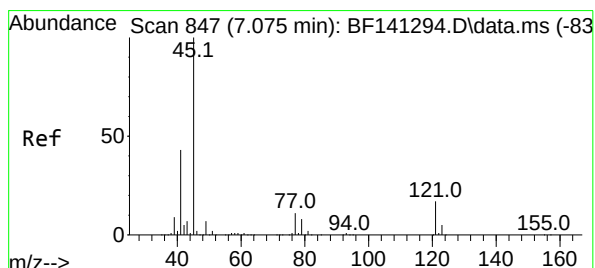
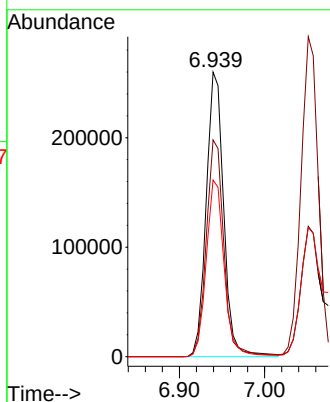
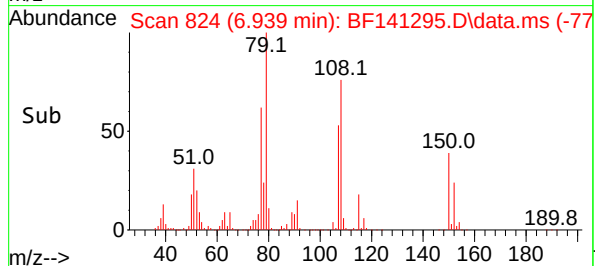
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



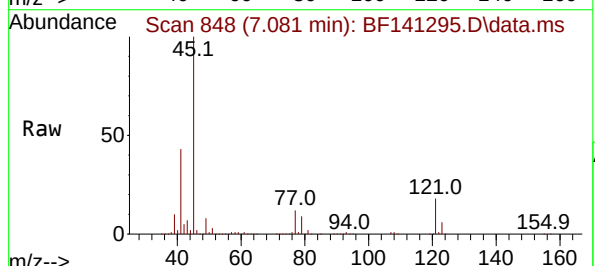
Tgt Ion: 79 Resp: 371274
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.0
77 62.1 49.9 74.9

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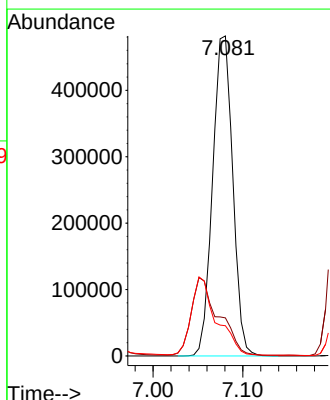
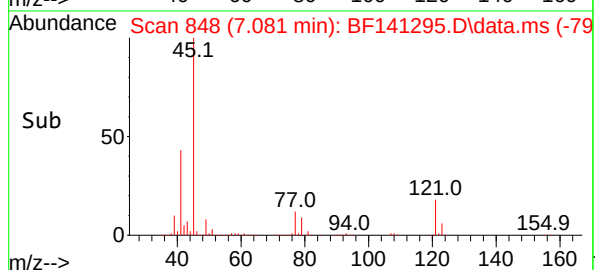
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

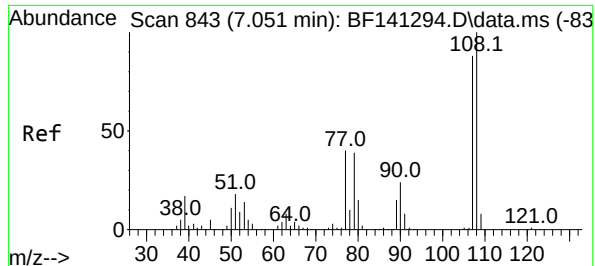


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.280 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



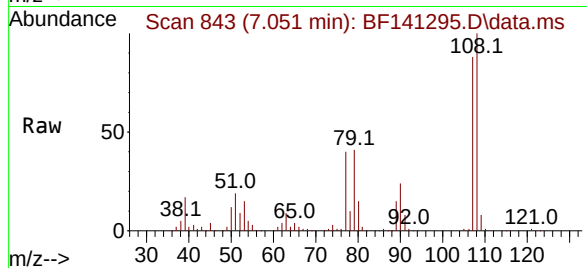
Tgt Ion: 45 Resp: 749938
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 9.5 0.0 29.1





#17
2-Methylphenol
Concen: 49.214 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

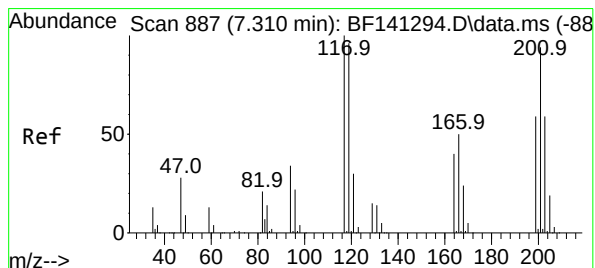
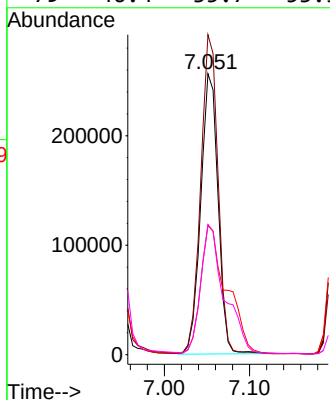
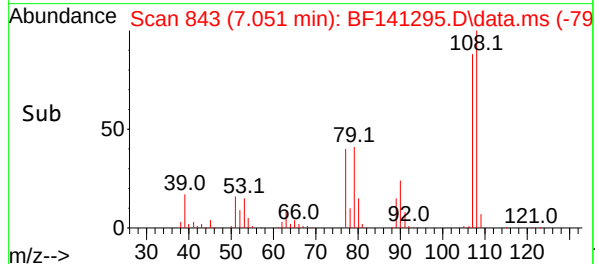
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 361469
Ion Ratio Lower Upper
107 100
108 113.9 90.8 136.2
77 46.0 36.2 54.4
79 46.4 35.7 53.5

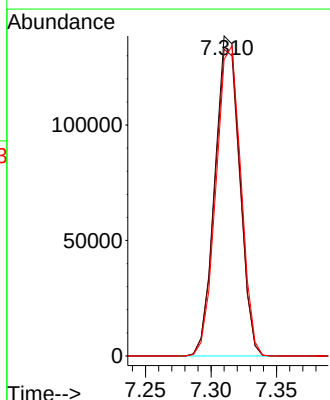
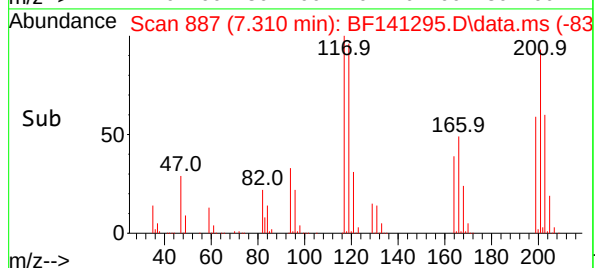
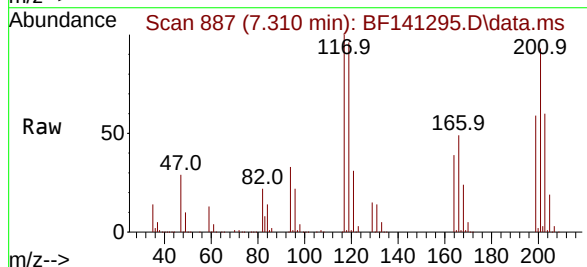
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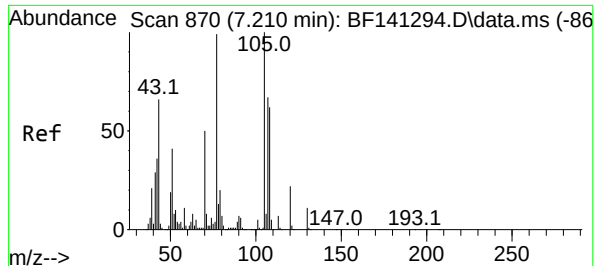
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 49.073 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:117 Resp: 182933
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 92.7 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.753 ng

RT: 7.216 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141295.D

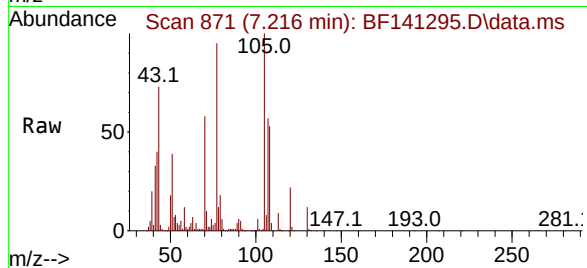
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 305749

Ion Ratio Lower Upper

70 100

42 69.2 56.8 85.2

101 9.7 7.7 11.5

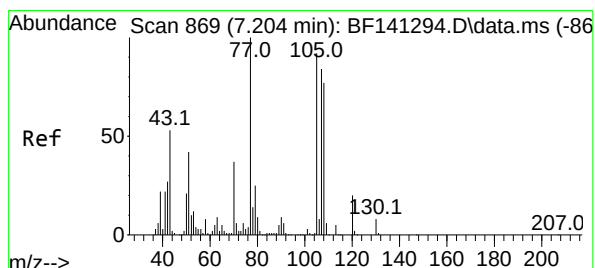
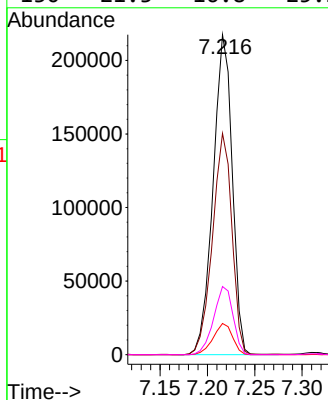
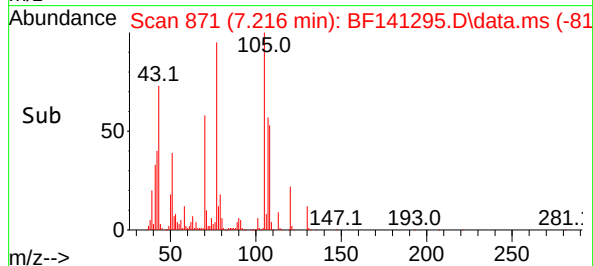
130 21.3 16.8 25.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

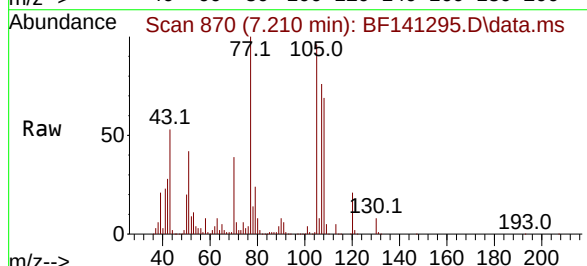
Concen: 48.143 ng

RT: 7.210 min Scan# 870

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11



Tgt Ion:107 Resp: 434743

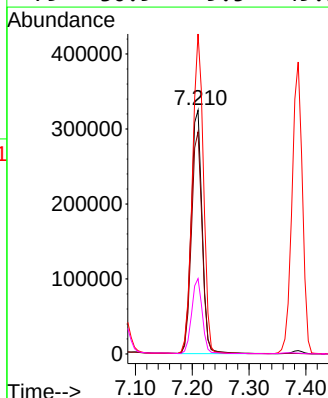
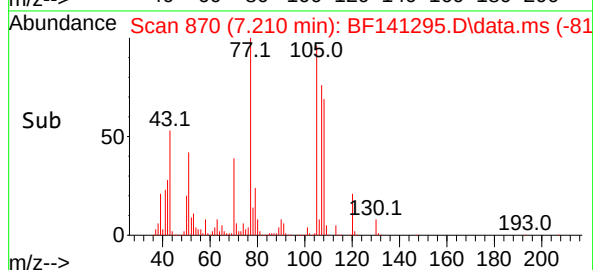
Ion Ratio Lower Upper

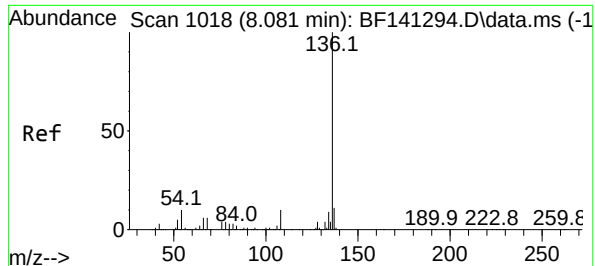
107 100

108 91.2 70.9 110.9

77 131.3 98.5 138.5

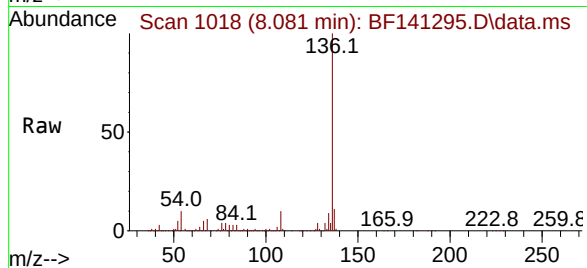
79 30.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

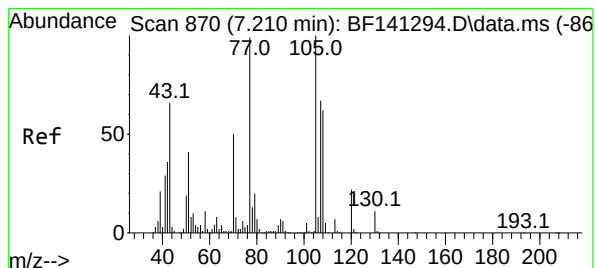
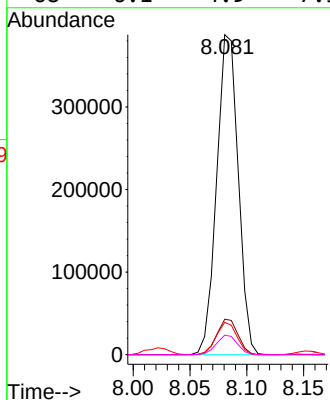
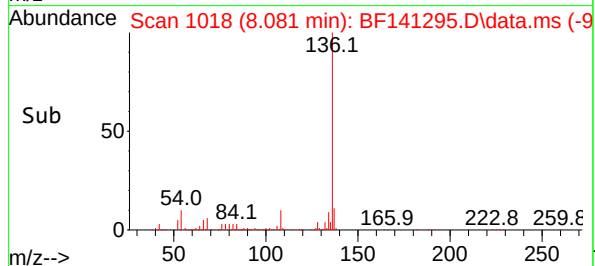
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 51184
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.1 7.8 11.8
68 6.1 4.9 7.3

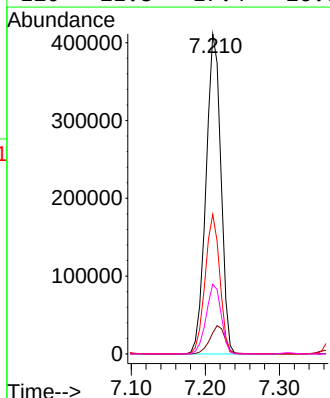
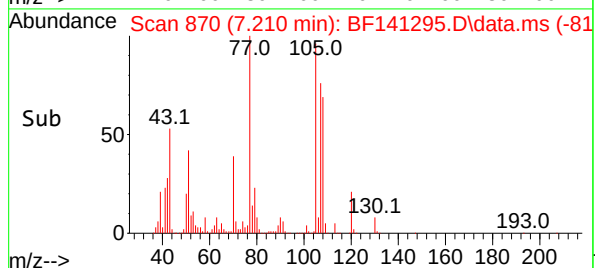
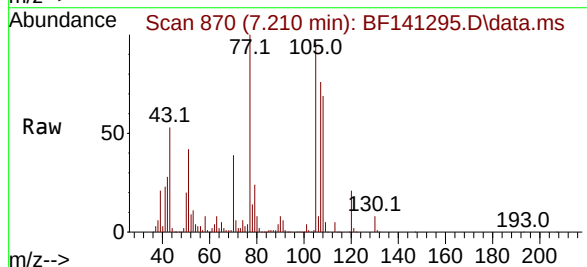
Manual Integrations
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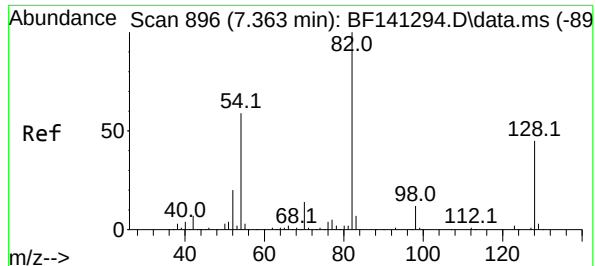
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 47.365 ng
RT: 7.210 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:105 Resp: 574700
Ion Ratio Lower Upper
105 100
71 6.6 6.8 10.2#
51 43.6 32.6 49.0
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 98.761 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 95536

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

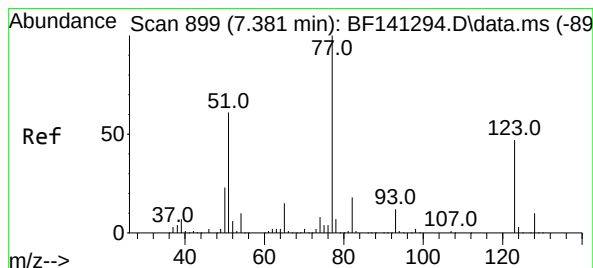
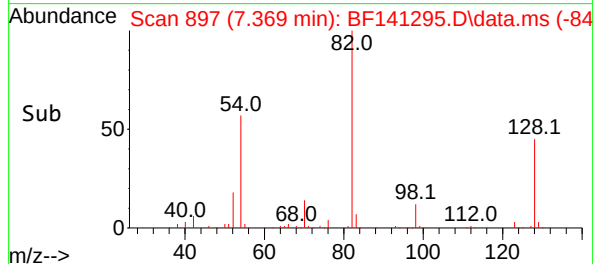
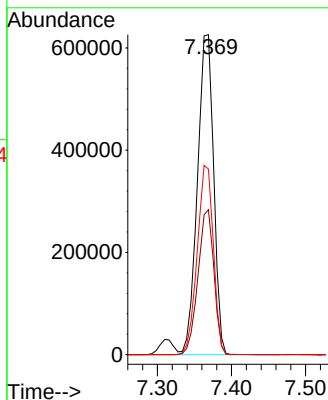
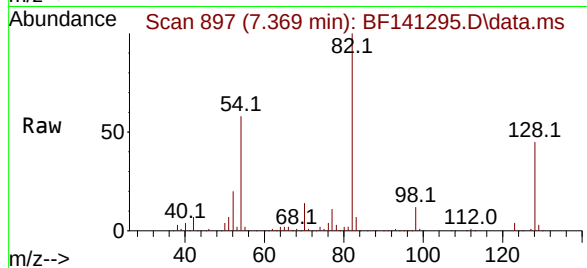
54 58.0 47.1 70.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 49.046 ng

RT: 7.386 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

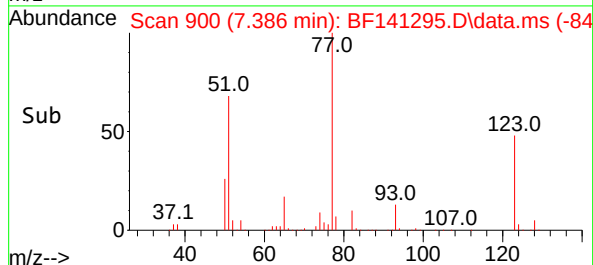
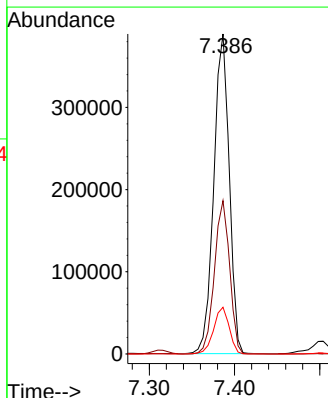
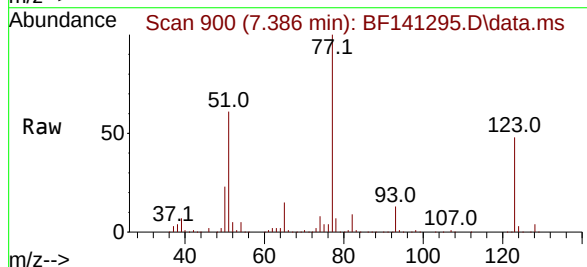
Tgt Ion: 77 Resp: 492082

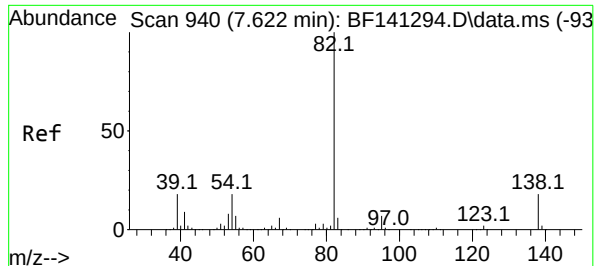
Ion Ratio Lower Upper

77 100

123 47.9 37.3 55.9

65 14.6 11.8 17.6





#25

Isophorone

Concen: 48.959 ng

RT: 7.622 min Scan# 940

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 818490

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

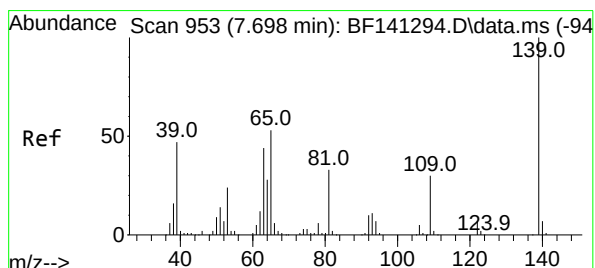
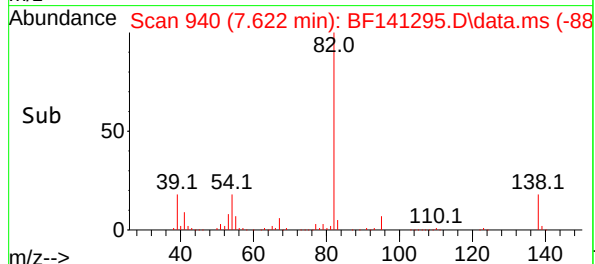
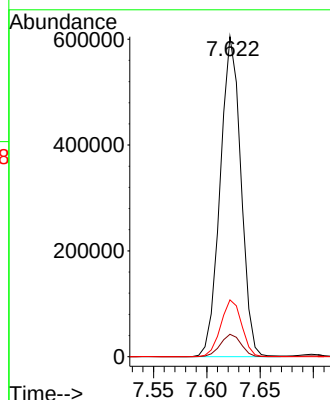
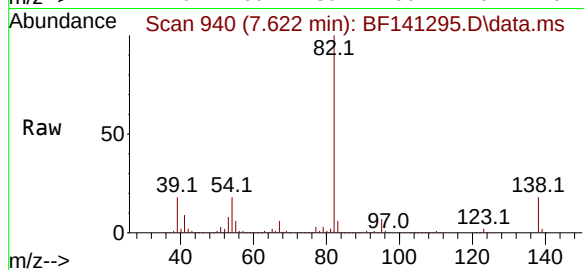
138 17.7 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#26

2-Nitrophenol

Concen: 51.545 ng

RT: 7.698 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

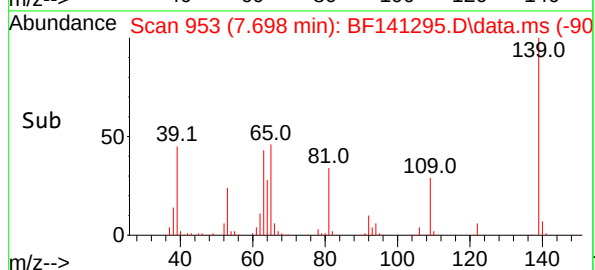
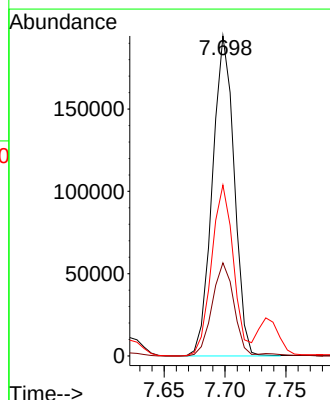
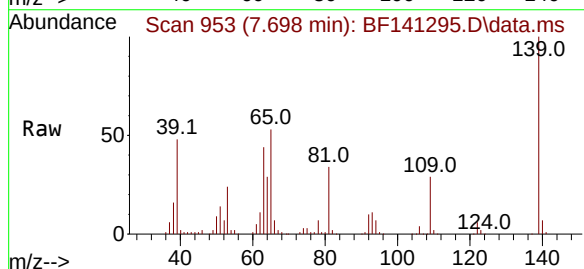
Tgt Ion:139 Resp: 242228

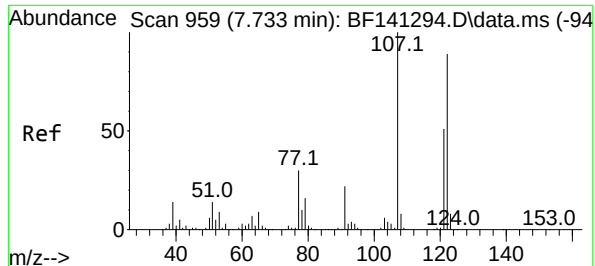
Ion Ratio Lower Upper

139 100

109 29.1 23.8 35.6

65 53.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 49.969 ng m

RT: 7.734 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 300079

Ion Ratio Lower Upper

122 100

107 112.0 89.9 134.9

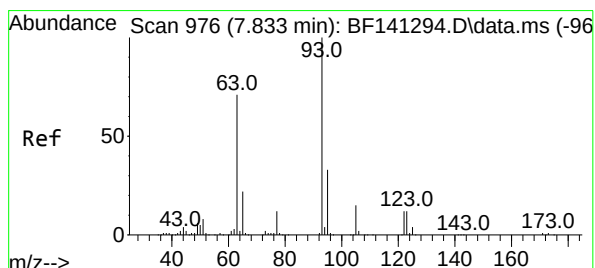
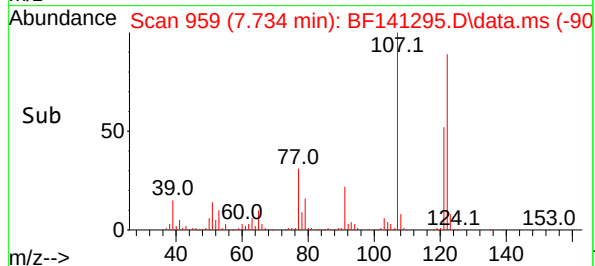
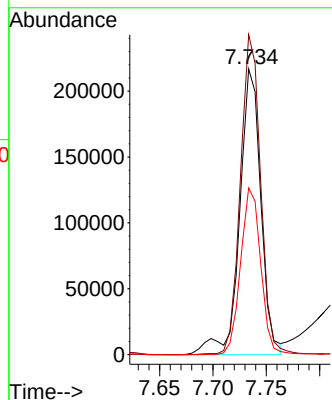
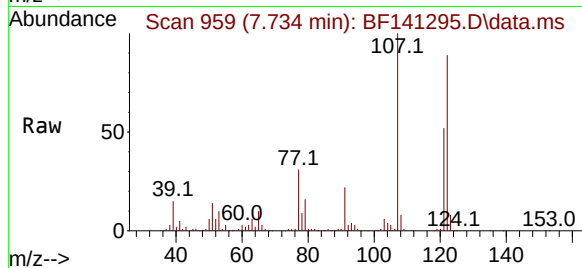
121 58.3 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.701 ng

RT: 7.833 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

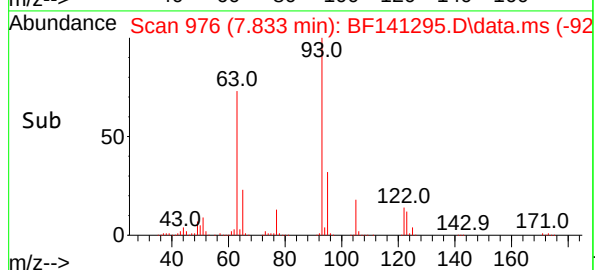
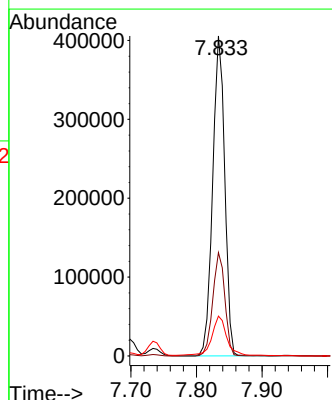
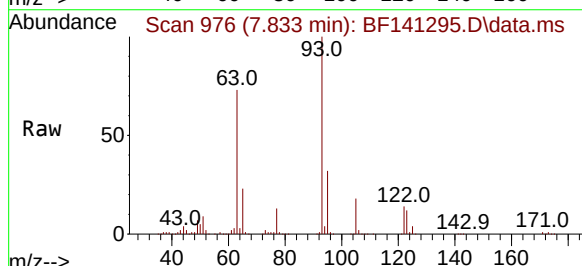
Tgt Ion: 93 Resp: 518825

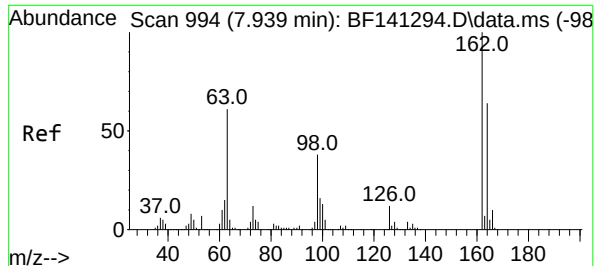
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 49.507 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 363274

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

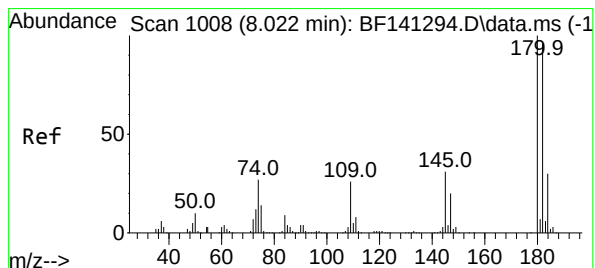
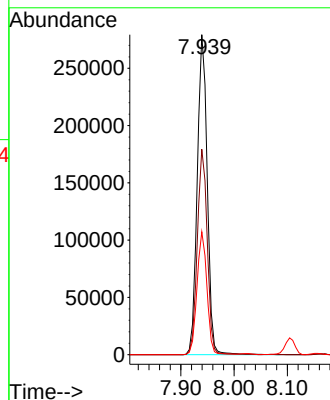
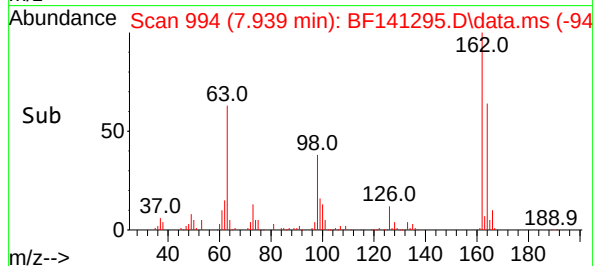
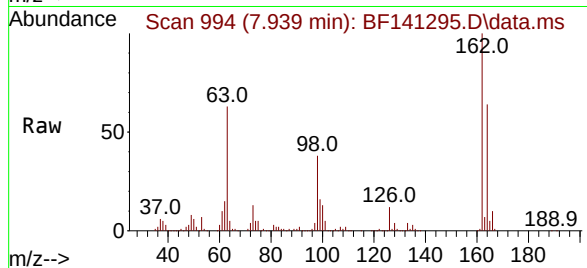
98 38.4 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.309 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

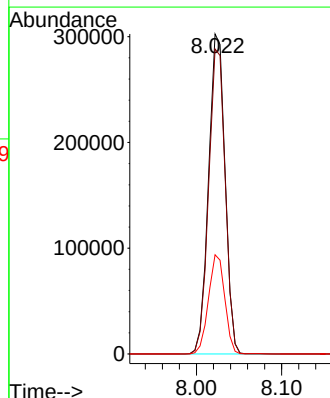
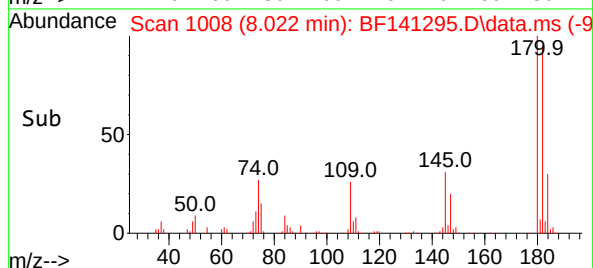
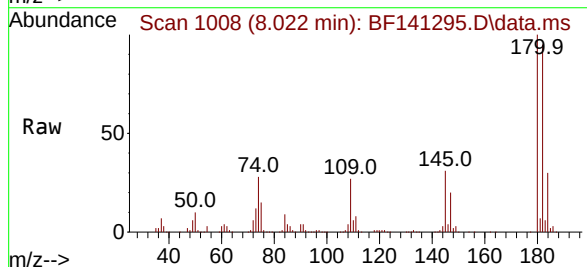
Tgt Ion:180 Resp: 406562

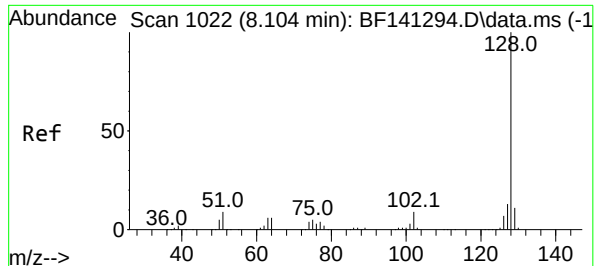
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

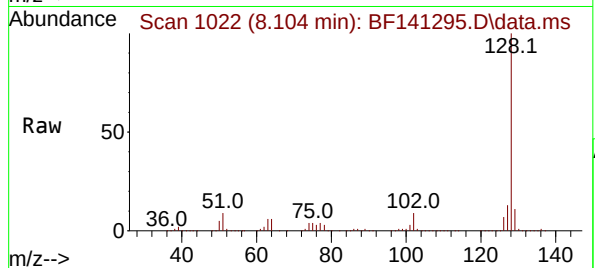
145 31.0 24.9 37.3





#31
Naphthalene
Concen: 48.468 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

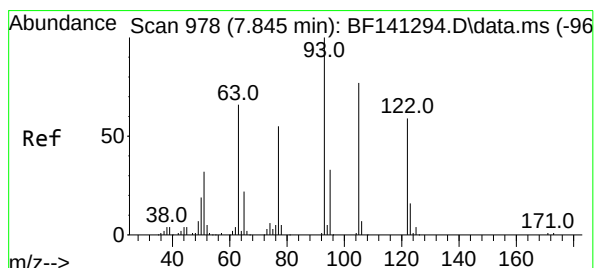
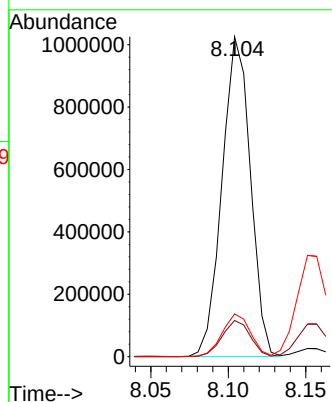
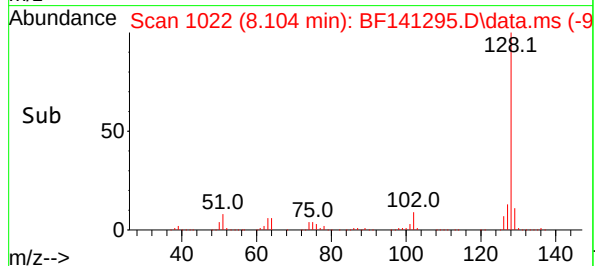
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 1304758
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8

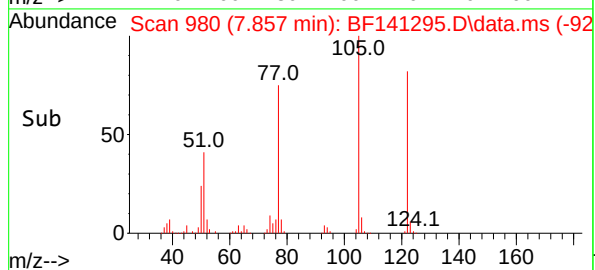
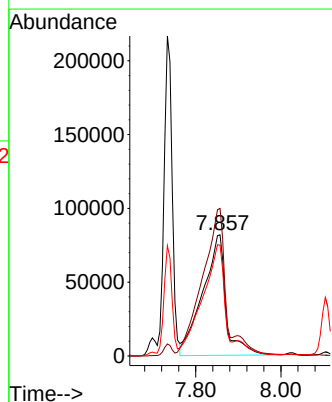
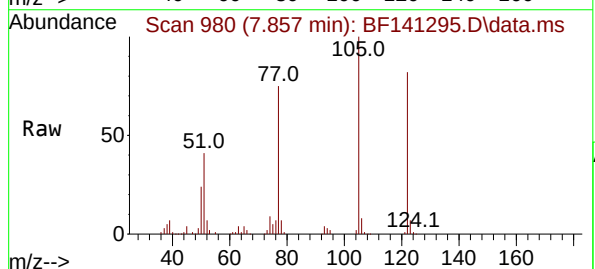
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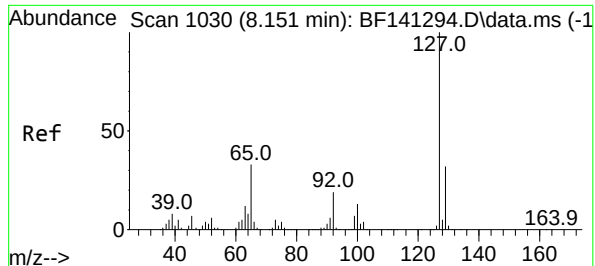
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 56.571 ng
RT: 7.857 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:122 Resp: 308525
Ion Ratio Lower Upper
122 100
105 121.7 103.4 143.4
77 91.5 70.9 110.9





#33

4-Chloroaniline

Concen: 49.712 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 44954

Ion Ratio Lower Upper

127 100

129 32.2 25.7 38.5

65 32.6 26.4 39.6

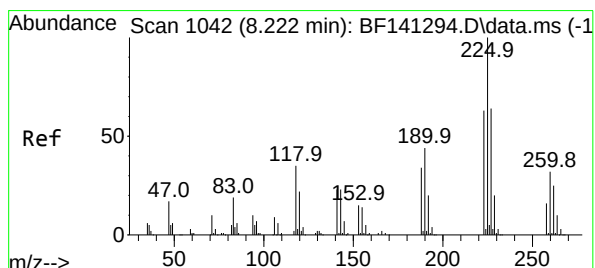
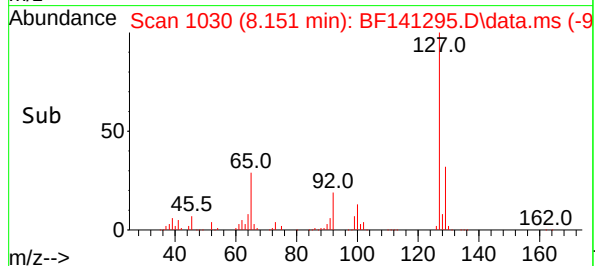
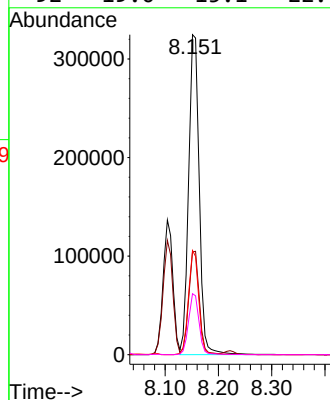
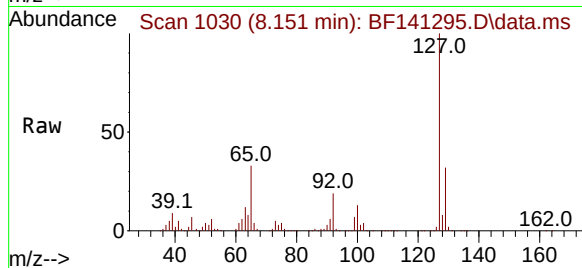
92 19.0 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#34

Hexachlorobutadiene

Concen: 49.395 ng

RT: 8.222 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

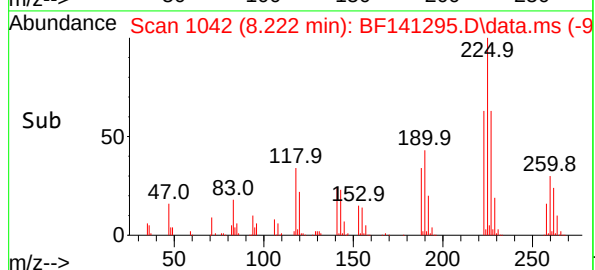
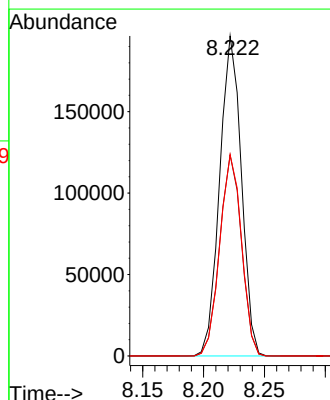
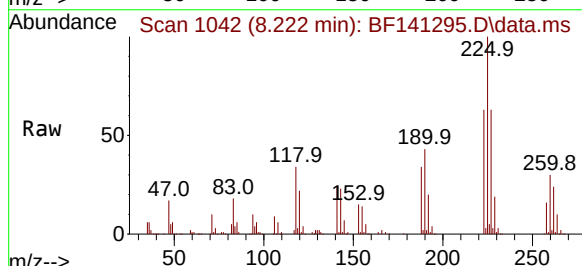
Tgt Ion:225 Resp: 243308

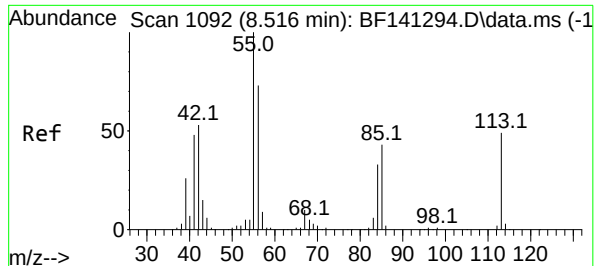
Ion Ratio Lower Upper

225 100

223 62.8 50.4 75.6

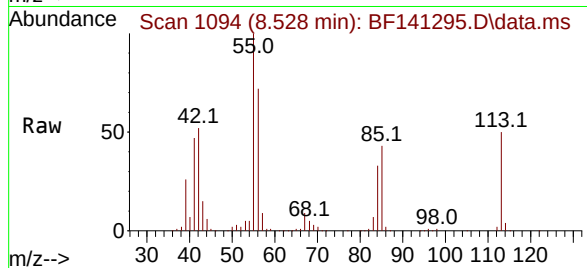
227 62.9 51.3 76.9





#35
 Caprolactam
 Concen: 50.594 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. 0.012 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

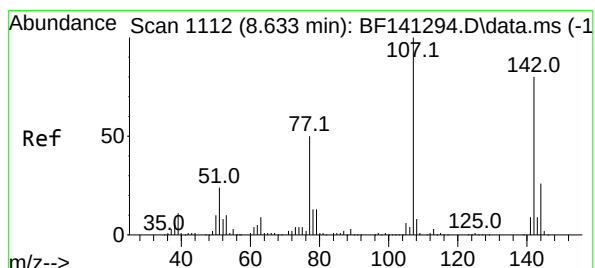
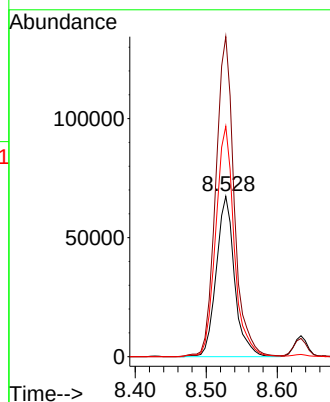
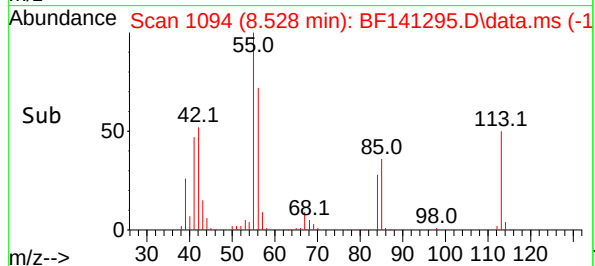
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion:113 Resp: 120078
 Ion Ratio Lower Upper
 113 100
 55 199.5 182.9 222.9
 56 143.7 127.9 167.9

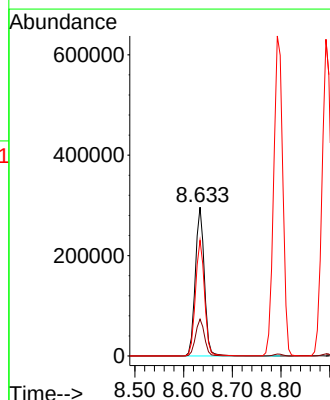
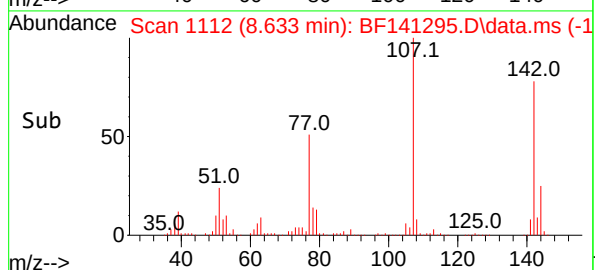
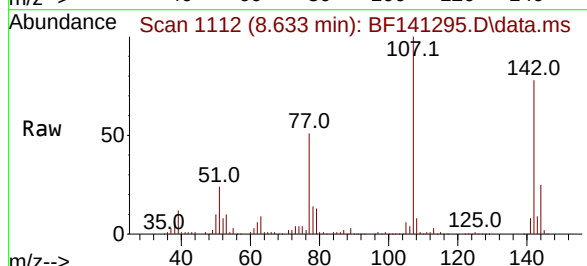
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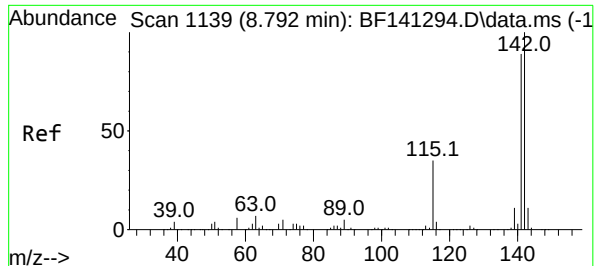
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 48.973 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF141295.D
 Acq: 29 Jan 2025 16:11

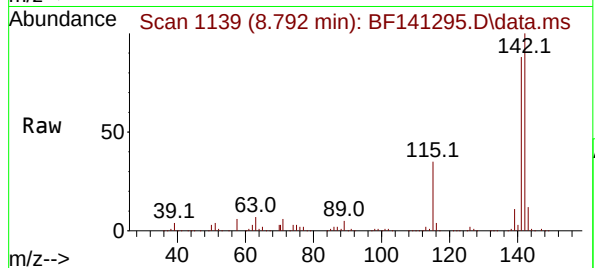
Tgt Ion:107 Resp: 385683
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.7 31.1
 142 77.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 48.006 ng
RT: 8.792 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

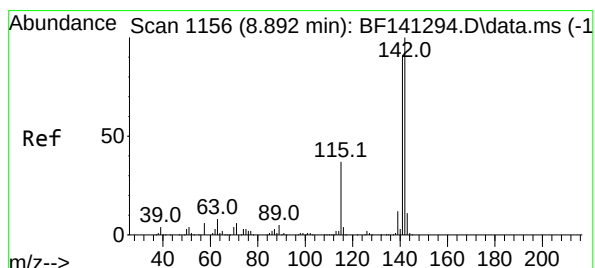
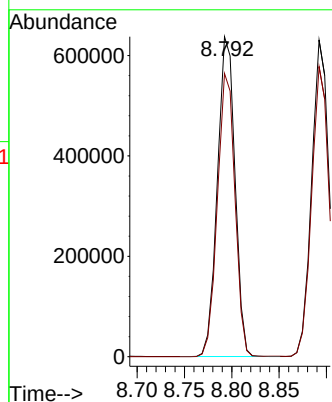
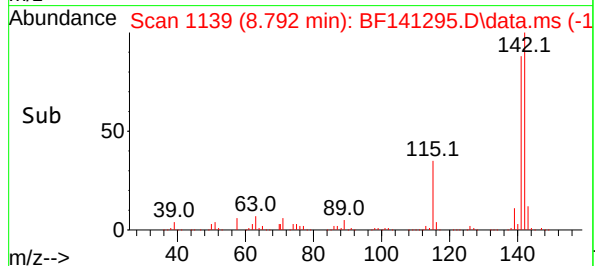
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 822980
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

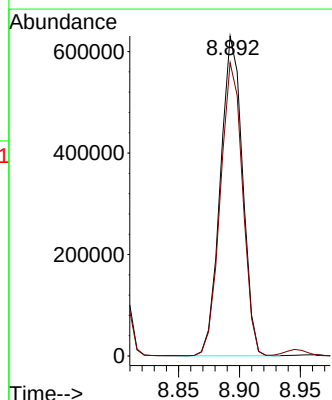
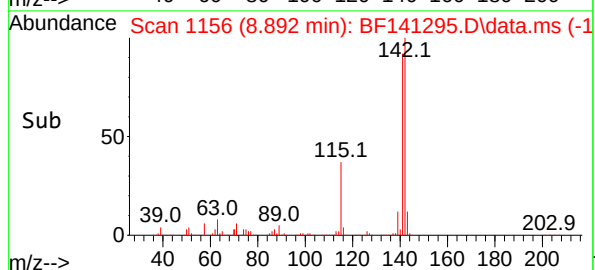
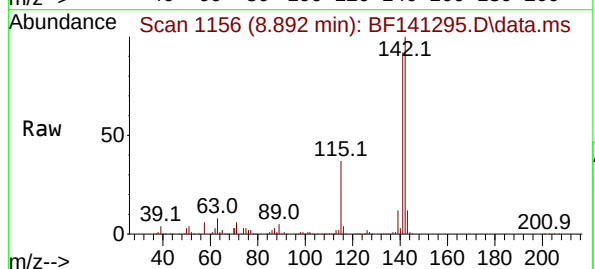
Manual Integrations
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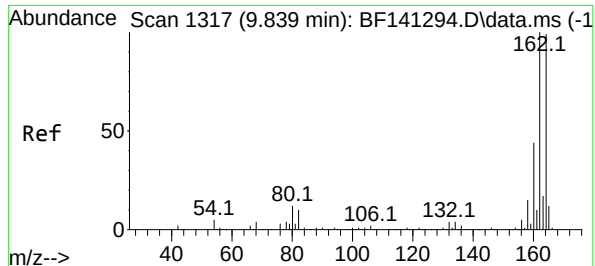
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 47.586 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:142 Resp: 799136
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF141295.D

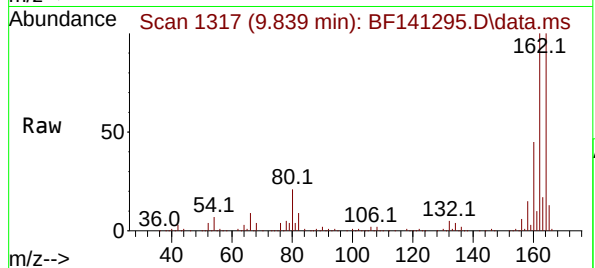
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 269662

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

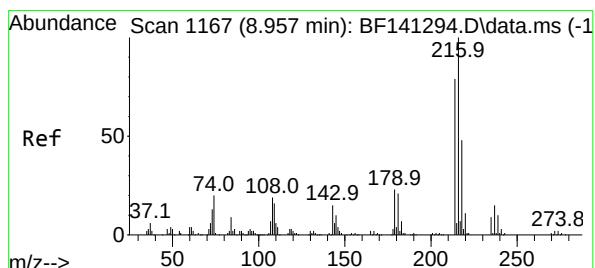
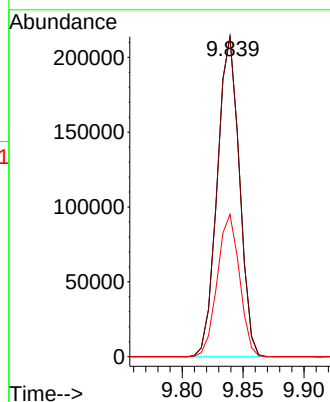
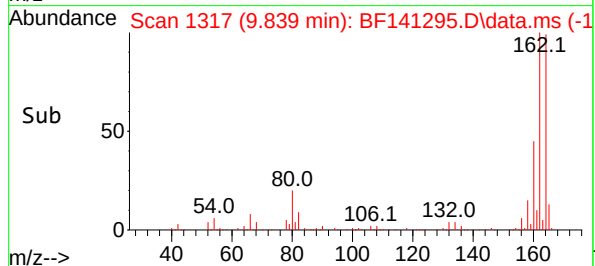
160 44.5 35.8 53.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

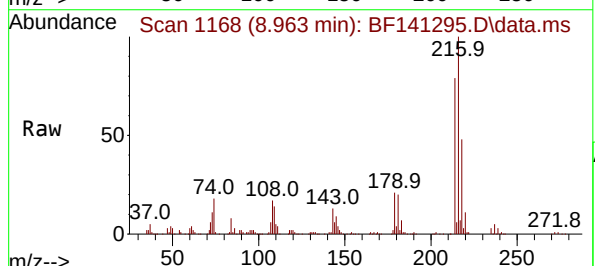
Concen: 48.774 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11



Tgt Ion:216 Resp: 373963

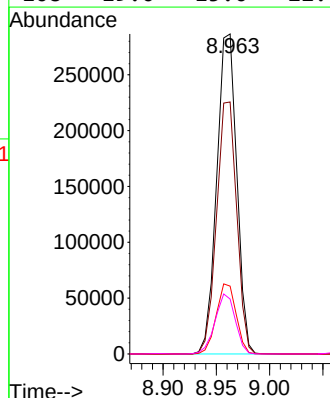
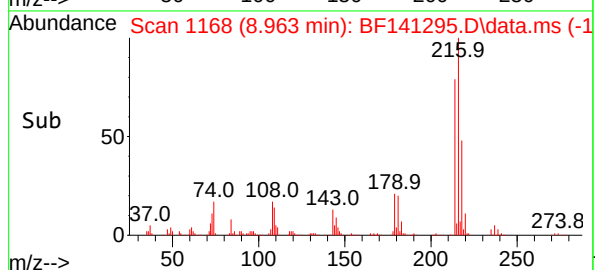
Ion Ratio Lower Upper

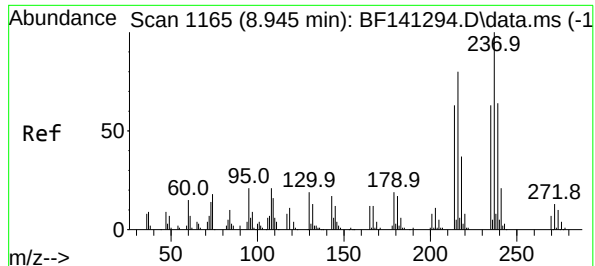
216 100

214 79.0 63.2 94.8

179 21.7 17.8 26.8

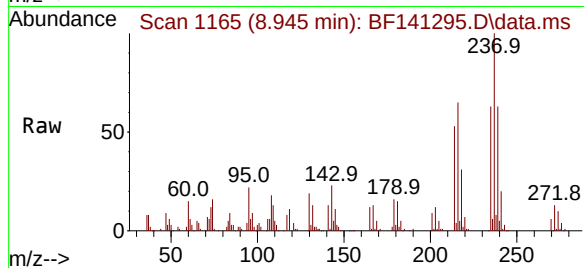
108 19.0 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 53.227 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

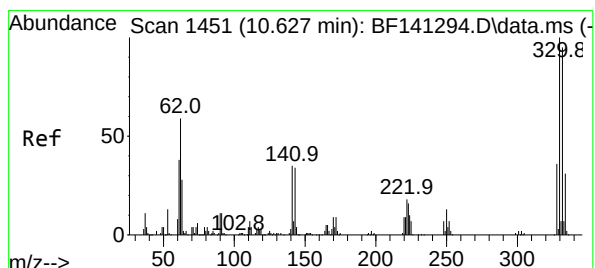
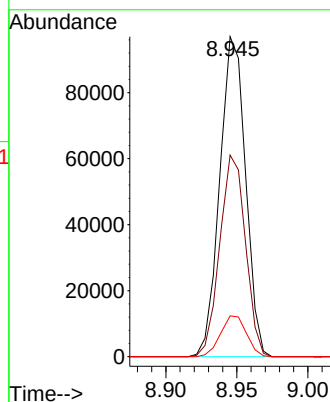
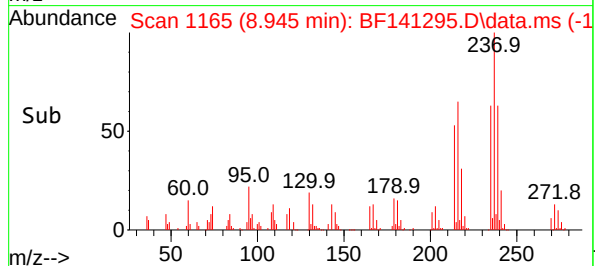
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



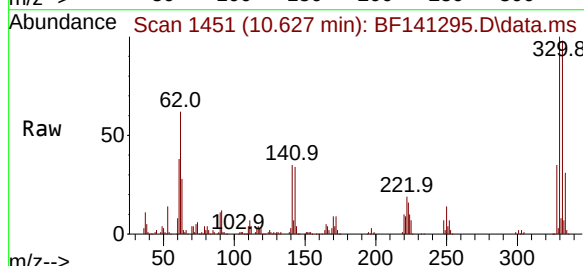
Tgt Ion: 237 Resp: 122470
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 12.7 0.0 32.8

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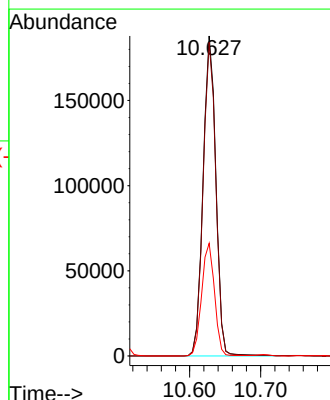
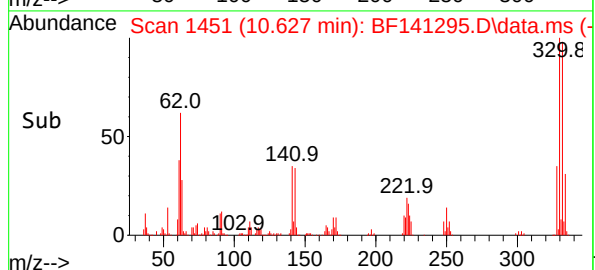
Reviewed By : Yogesh Patel 01/30/2025
Supervised By : mohammad ahmed 02/04/2025

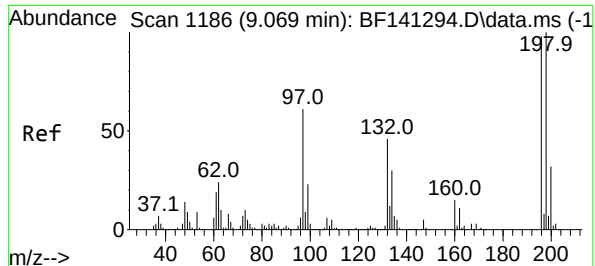


#42
2,4,6-Tribromophenol
Concen: 95.997 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



Tgt Ion: 330 Resp: 235884
Ion Ratio Lower Upper
330 100
332 97.5 76.1 114.1
141 35.4 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 50.545 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141295.D

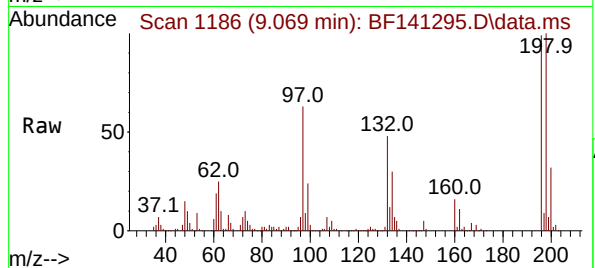
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 252974

Ion Ratio Lower Upper

196 100

198 100.5 81.8 122.6

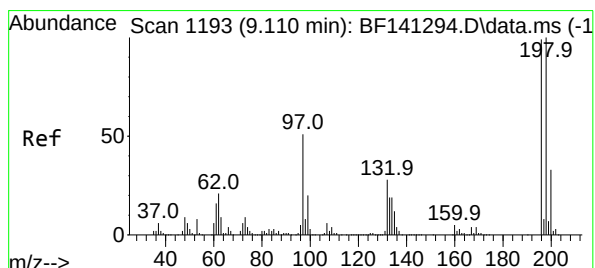
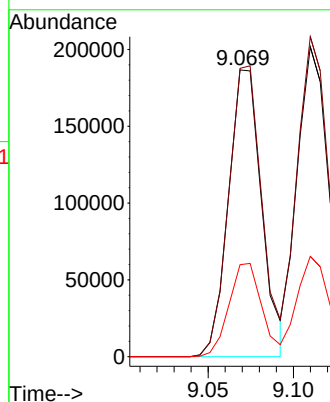
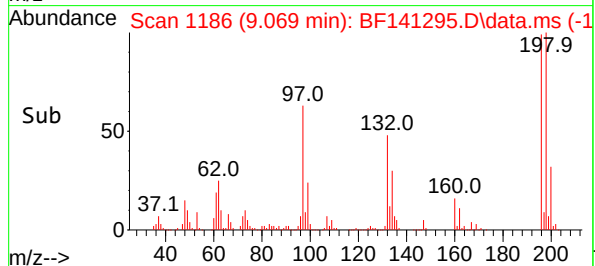
200 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#44

2,4,5-Trichlorophenol

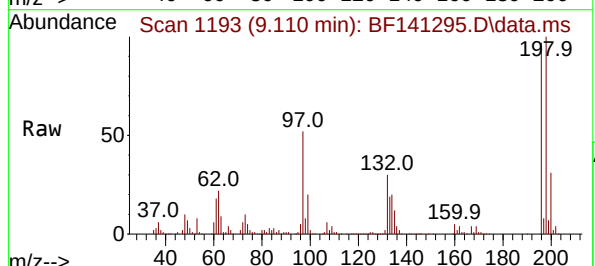
Concen: 48.438 ng

RT: 9.110 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11



Tgt Ion:196 Resp: 263745

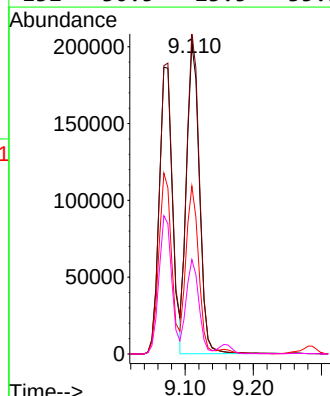
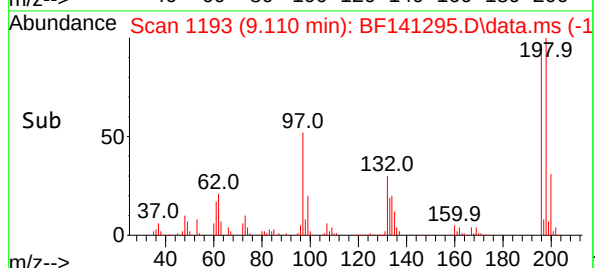
Ion Ratio Lower Upper

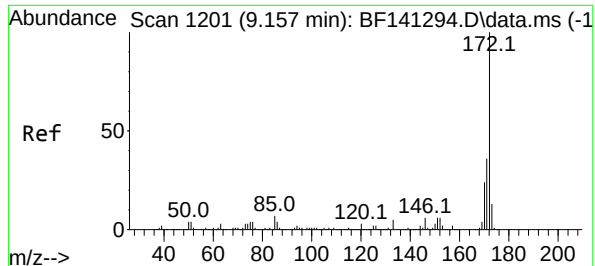
196 100

198 103.2 80.5 120.7

97 54.1 42.8 64.2

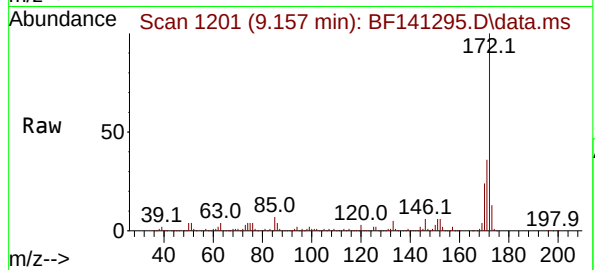
132 30.5 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 92.721 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

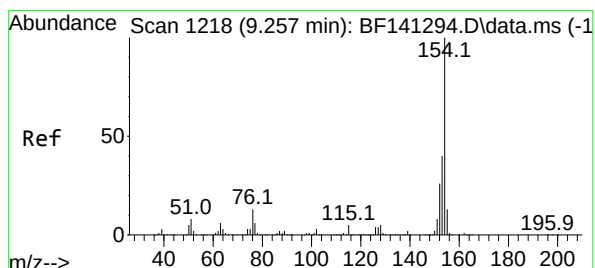
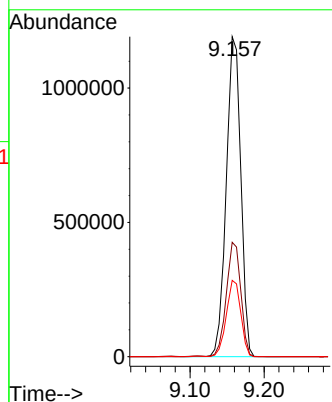
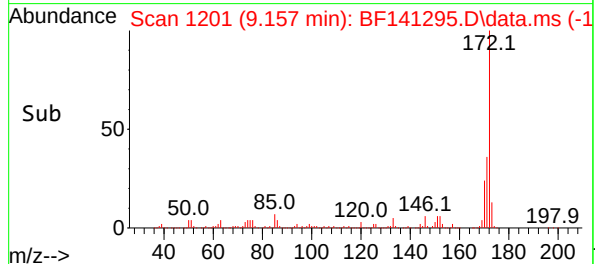
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 1620825
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.8 19.0 28.6

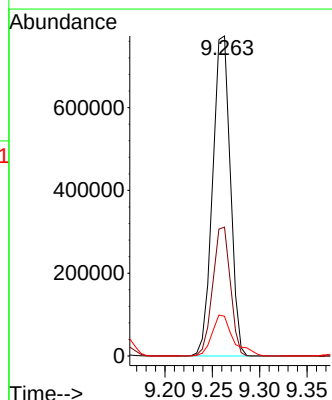
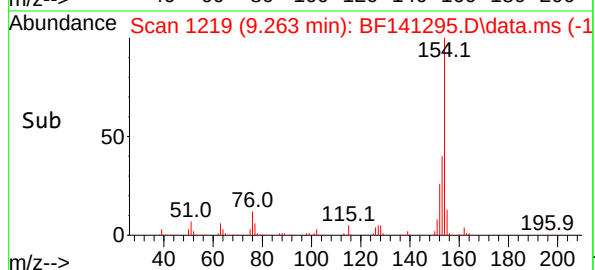
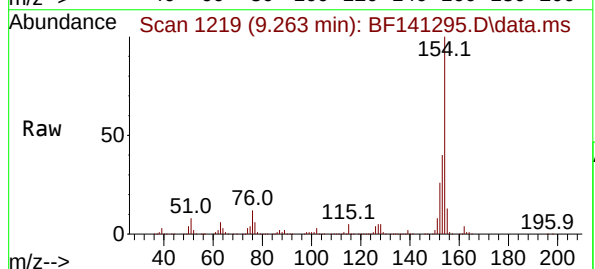
Manual Integrations
APPROVED

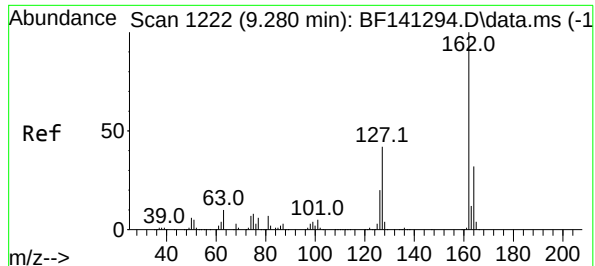
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#46
1,1'-Biphenyl
Concen: 47.808 ng
RT: 9.263 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 1005774
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 47.835 ng

RT: 9.286 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

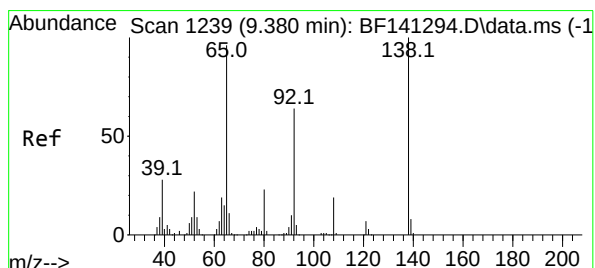
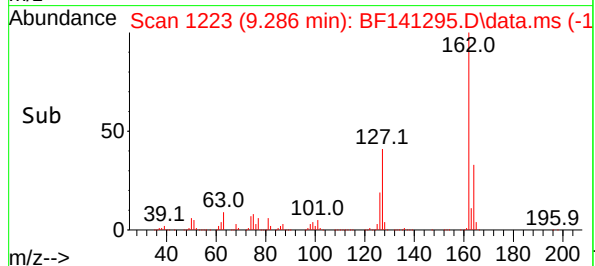
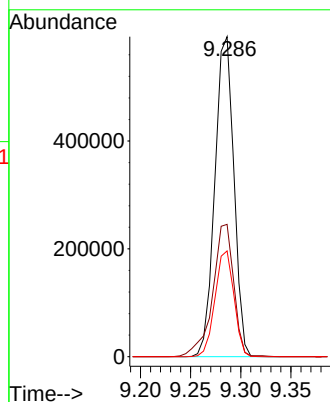
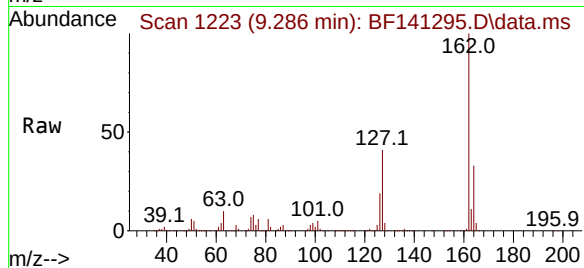
Tgt Ion:162 Resp: 78161

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.7	50.5
164	33.0	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 49.907 ng

RT: 9.380 min Scan# 1239

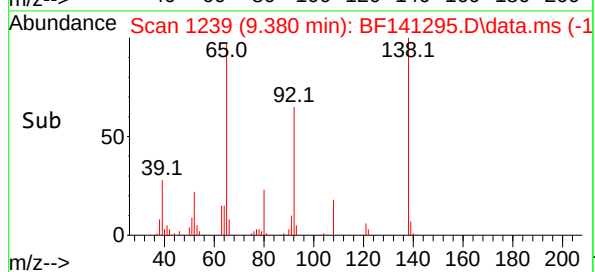
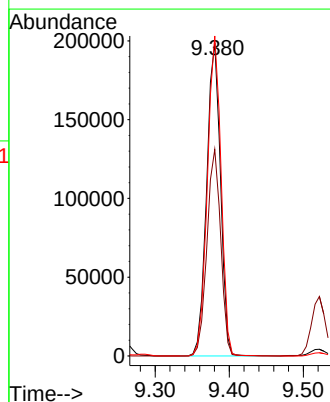
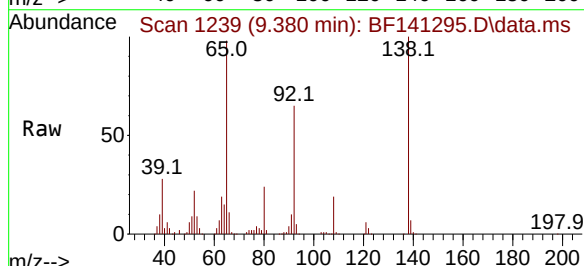
Delta R.T. 0.000 min

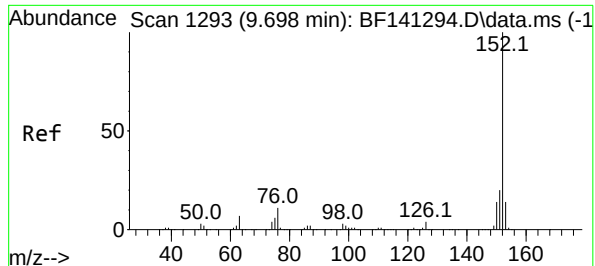
Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Tgt Ion: 65 Resp: 257199

Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.3	79.9
138	102.3	83.6	125.4





#49

Acenaphthylene

Concen: 47.595 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF141295.D

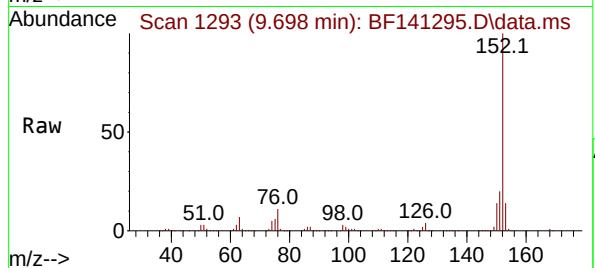
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 1092234

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

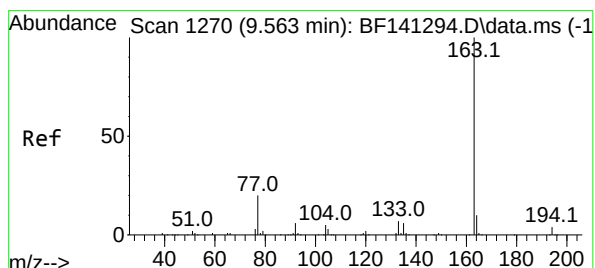
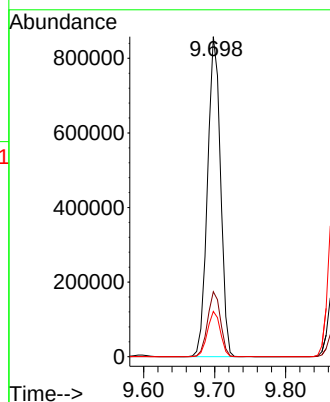
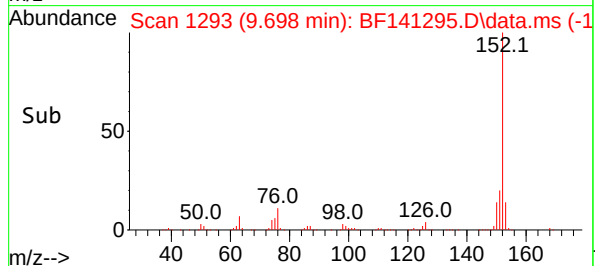
153 14.2 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#50

Dimethylphthalate

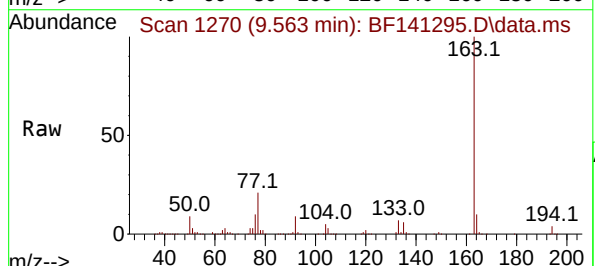
Concen: 48.419 ng

RT: 9.563 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11



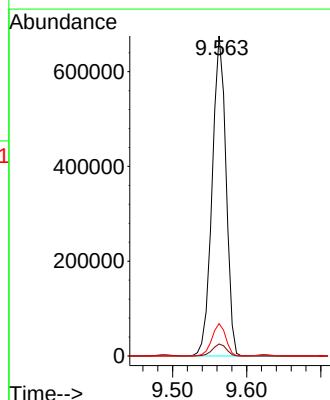
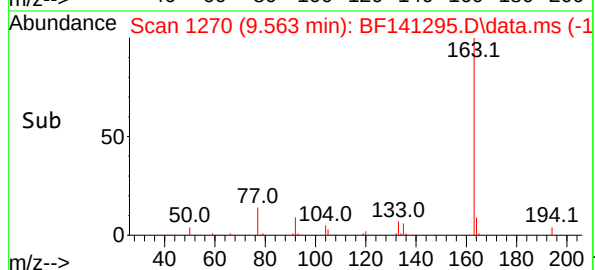
Tgt Ion:163 Resp: 875569

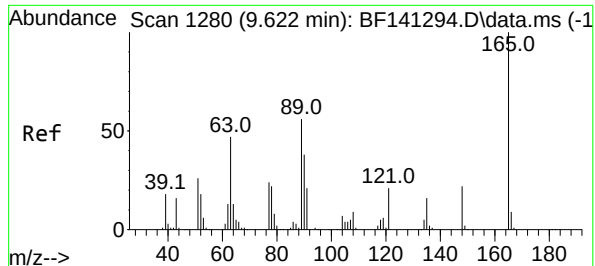
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

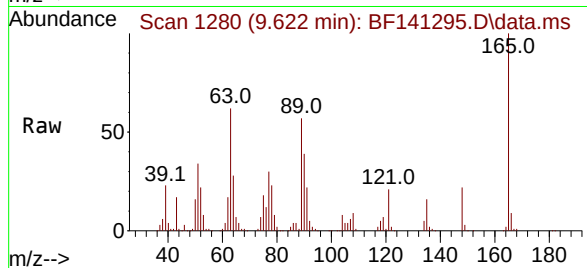
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.697 ng
RT: 9.622 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

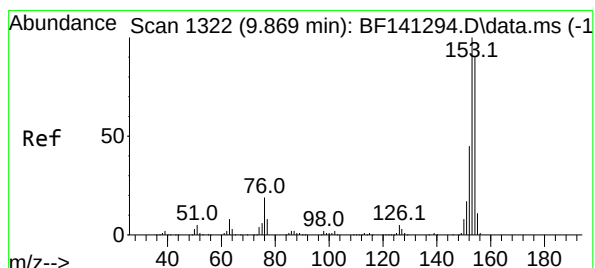
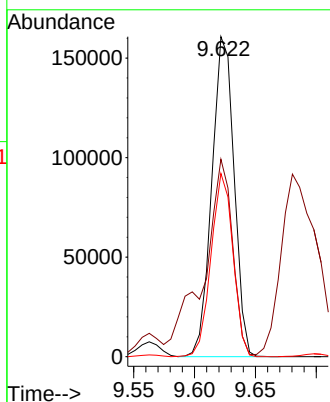
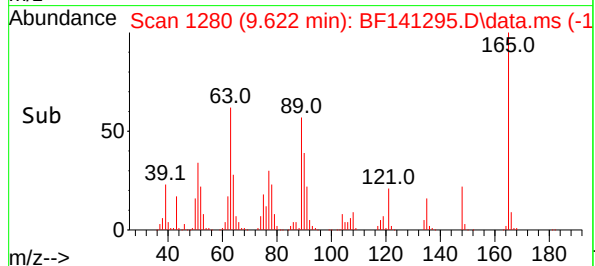
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 20491
Ion Ratio Lower Upper
165 100
63 61.7 48.1 72.1
89 57.3 44.9 67.3

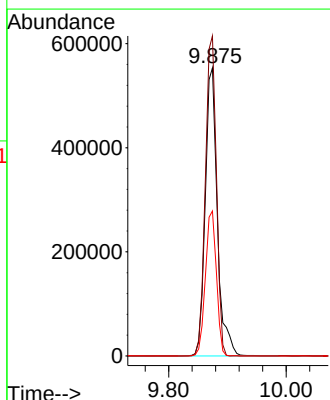
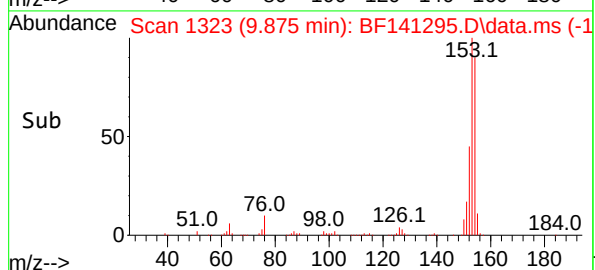
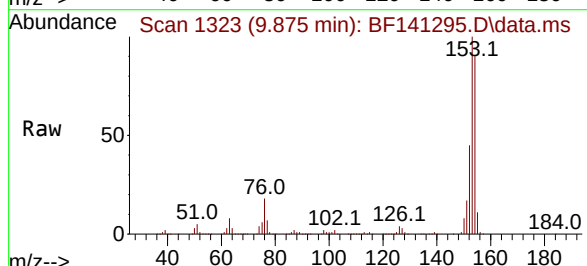
Manual Integrations
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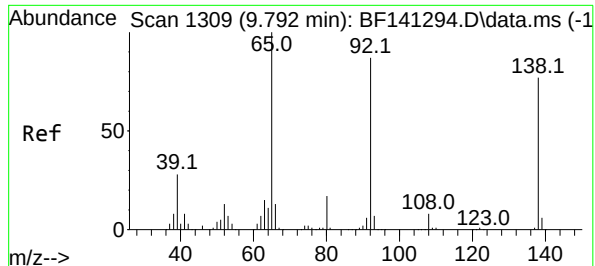
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 48.322 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 789039
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 50.3 40.2 60.4





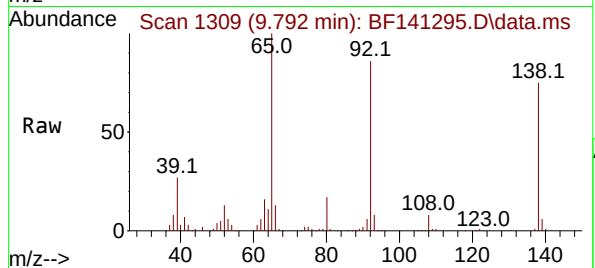
#53
3-Nitroaniline
Concen: 47.528 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

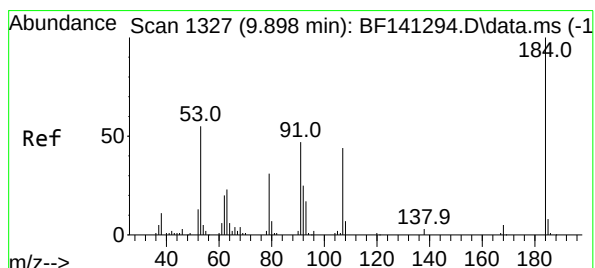
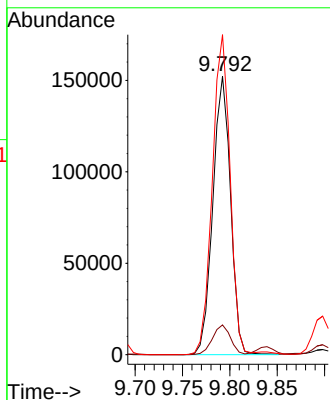
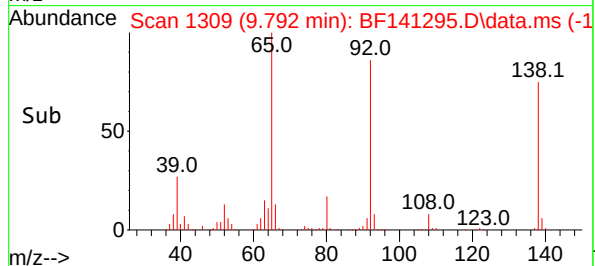


Tgt Ion:138 Resp: 197832
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 115.0 91.0 136.6

Manual Integrations

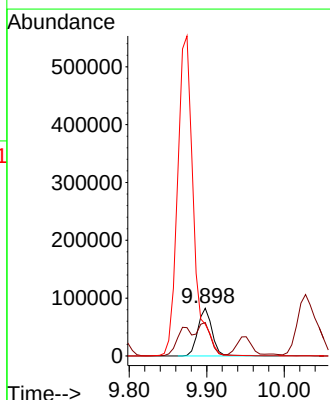
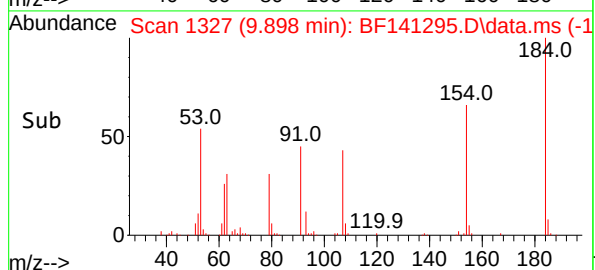
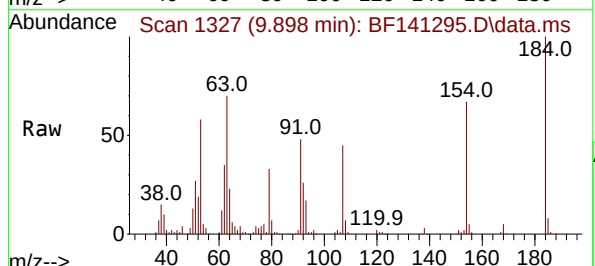
APPROVED

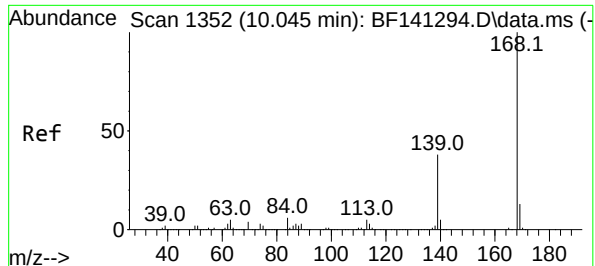
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 53.096 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:184 Resp: 105313
Ion Ratio Lower Upper
184 100
63 70.3 54.1 81.1
154 66.8 50.7 76.1





#55

Dibenzenofuran

Concen: 47.082 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 102818

Ion Ratio Lower Upper

168 100

139 38.6 30.6 46.0

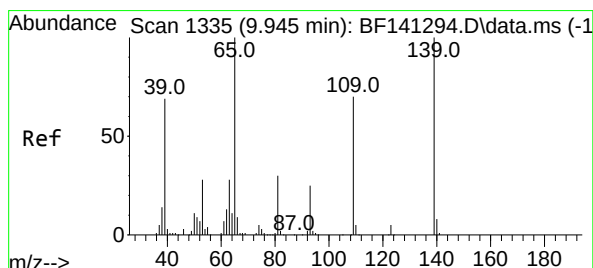
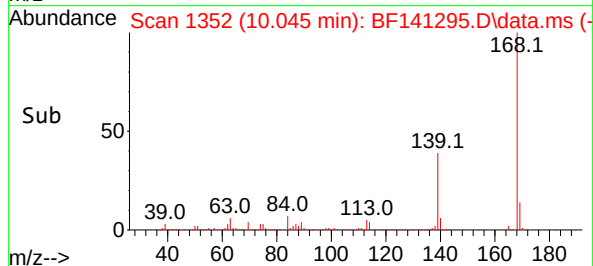
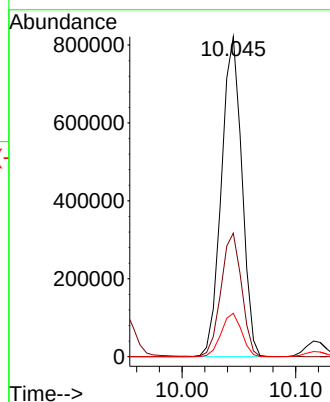
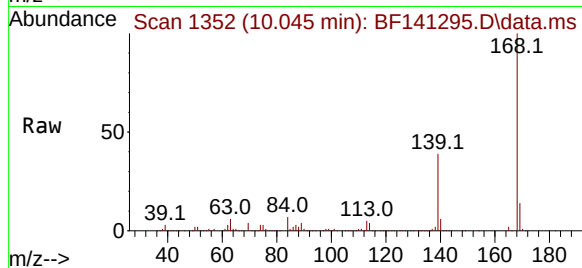
169 13.6 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#56

4-Nitrophenol

Concen: 52.067 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

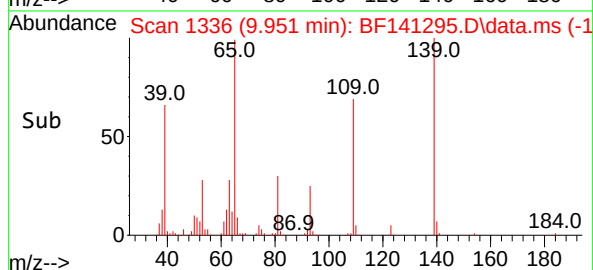
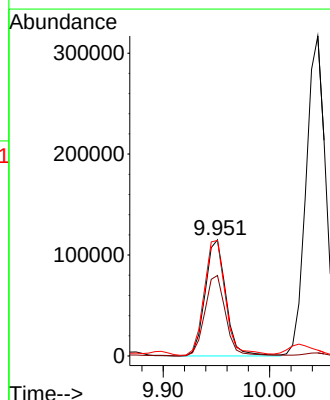
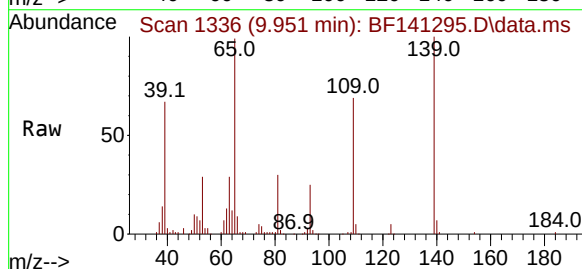
Tgt Ion:139 Resp: 155594

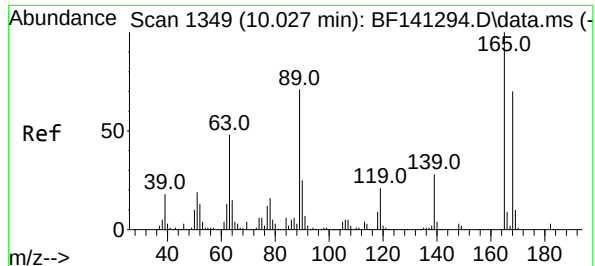
Ion Ratio Lower Upper

139 100

109 69.3 50.2 90.2

65 99.5 80.6 120.6





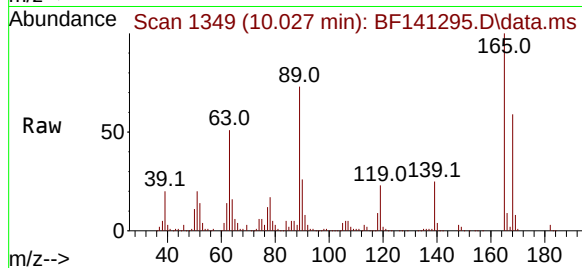
#57
2,4-Dinitrotoluene
Concen: 48.700 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

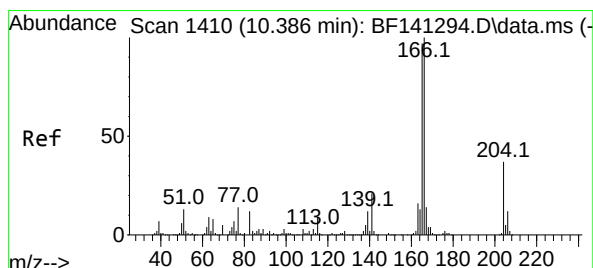
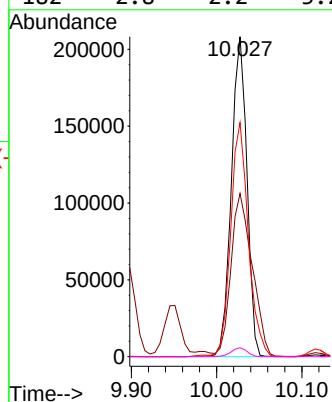
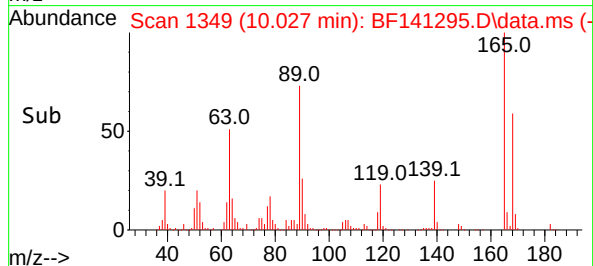


Tgt Ion:165 Resp: 264329
Ion Ratio Lower Upper
165 100
63 51.0 39.2 58.8
89 73.1 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations

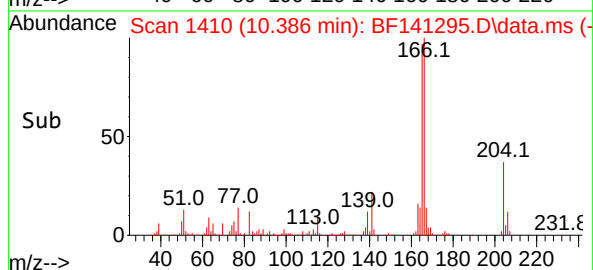
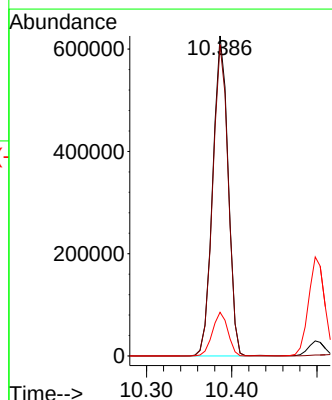
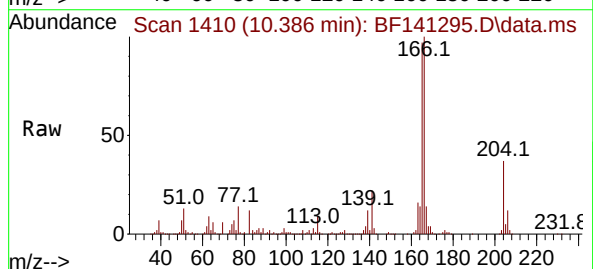
APPROVED

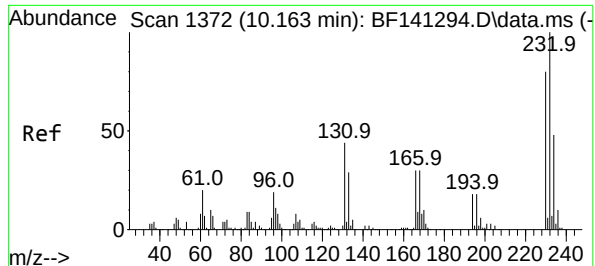
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 46.215 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

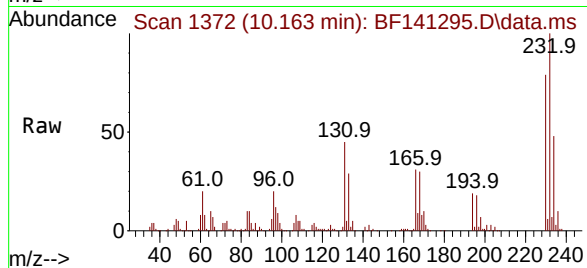
Tgt Ion:166 Resp: 784644
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.772 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

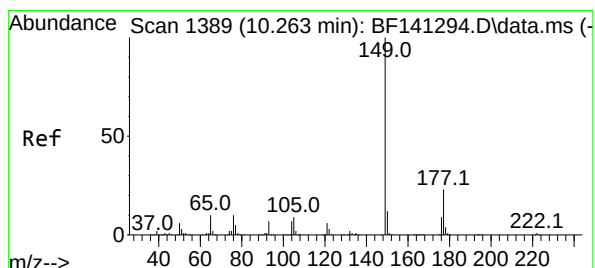
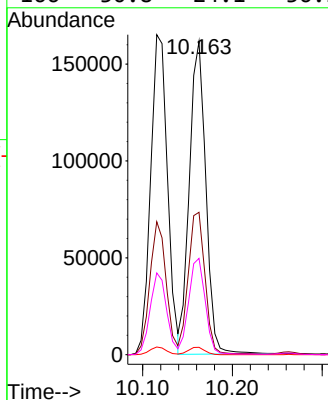
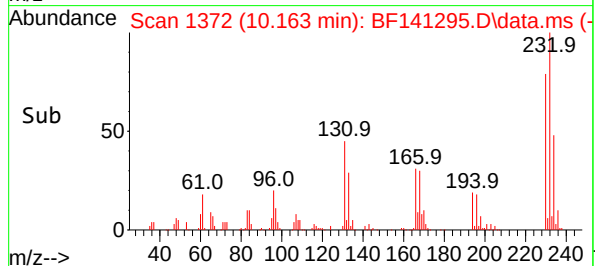
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 205508
Ion Ratio Lower Upper
232 100
131 46.9 36.4 54.6
130 2.4 1.9 2.9
166 30.8 24.1 36.1

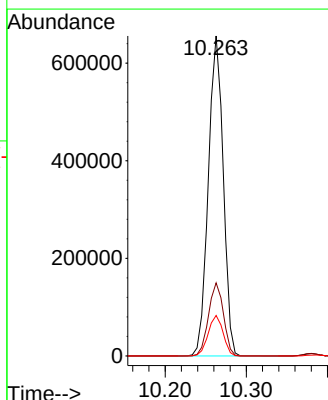
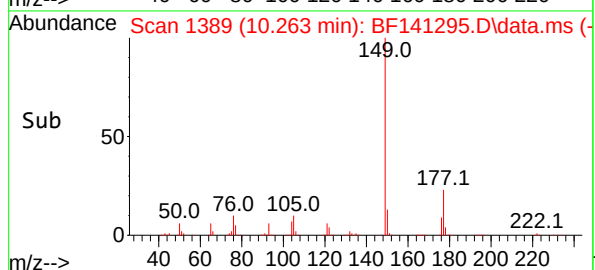
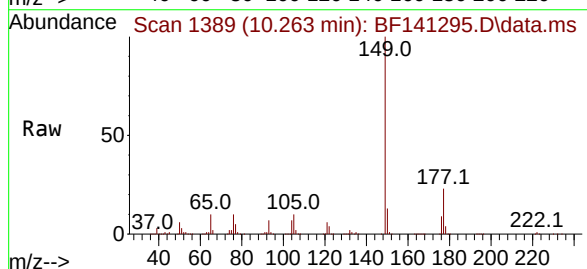
Manual Integrations
APPROVED

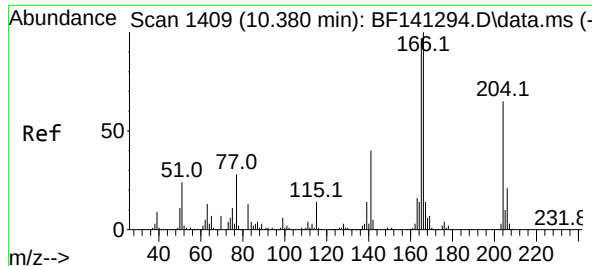
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 47.668 ng
RT: 10.263 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 834803
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.7 10.0 15.0





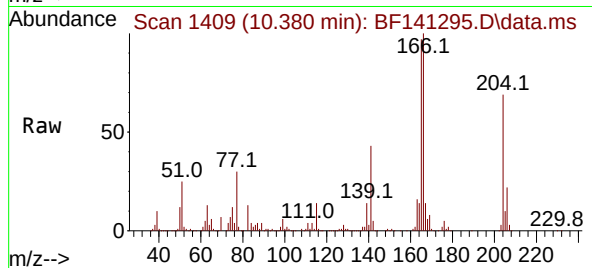
#61
4-Chlorophenyl-phenylether
Concen: 45.976 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

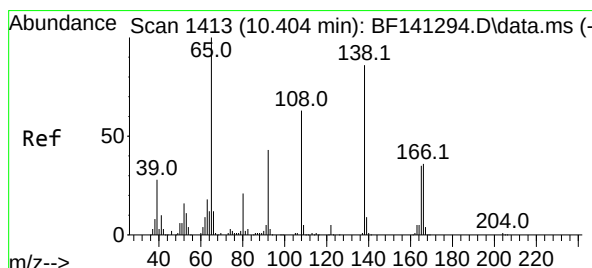
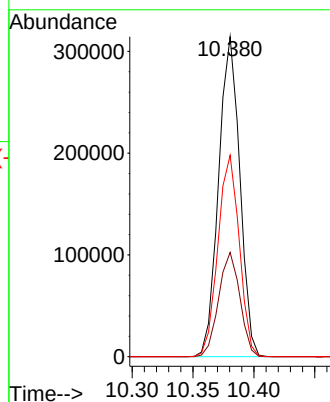
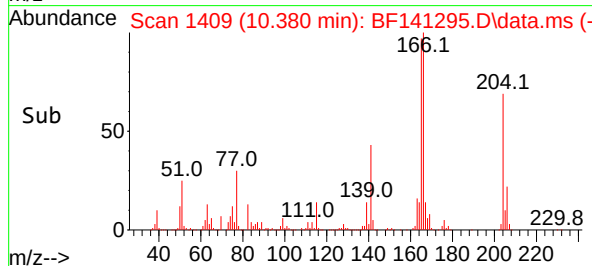


Tgt Ion:204 Resp: 380948
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.9 49.5 74.3

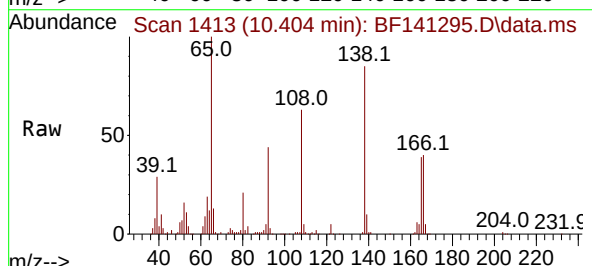
Manual Integrations

APPROVED

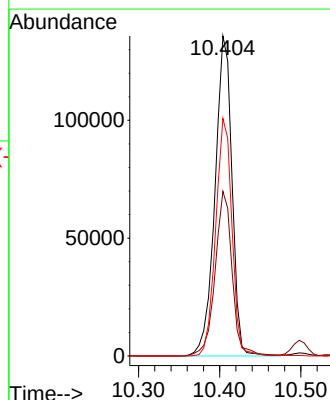
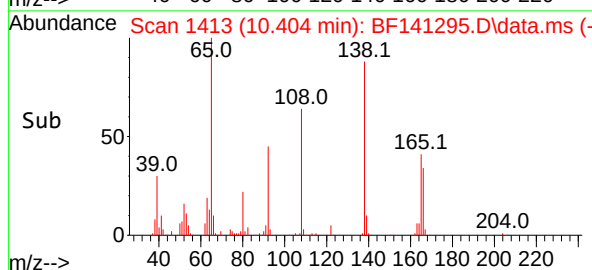
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

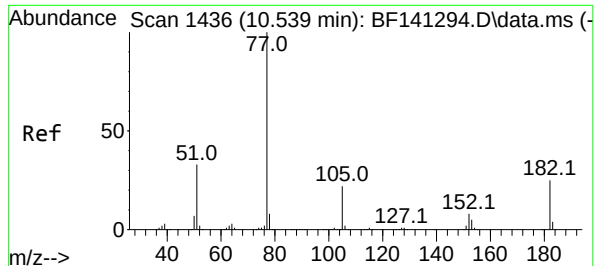


#62
4-Nitroaniline
Concen: 49.579 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



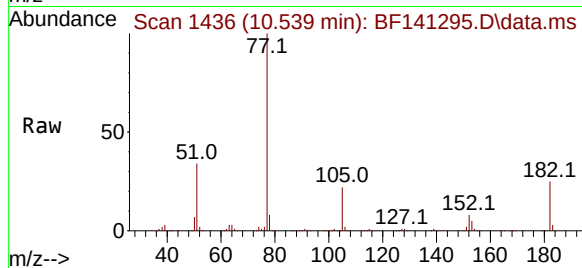
Tgt Ion:138 Resp: 198241
Ion Ratio Lower Upper
138 100
92 51.5 30.1 70.1
108 74.2 53.1 93.1





#63
Azobenzene
Concen: 47.955 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

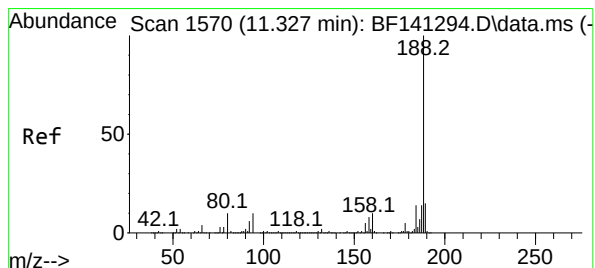
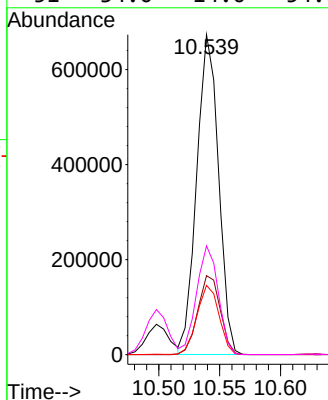
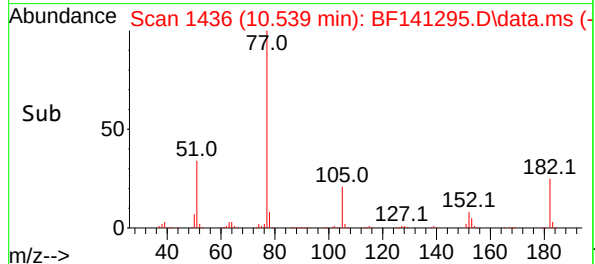
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 84179
Ion Ratio Lower Upper
77 100
182 24.7 5.1 45.1
105 21.7 1.8 41.8
51 34.0 14.0 54.0

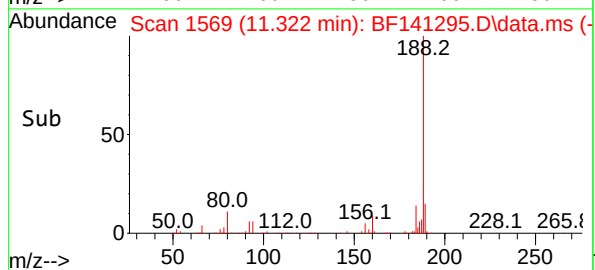
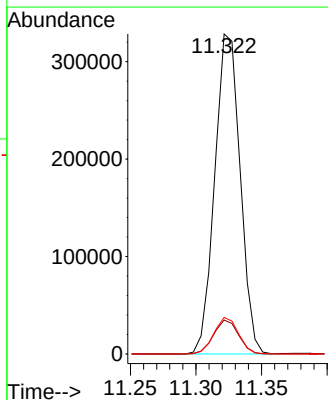
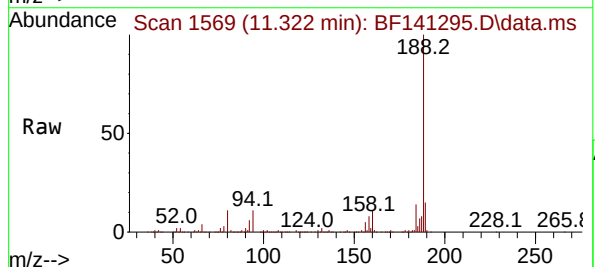
Manual Integrations
APPROVED

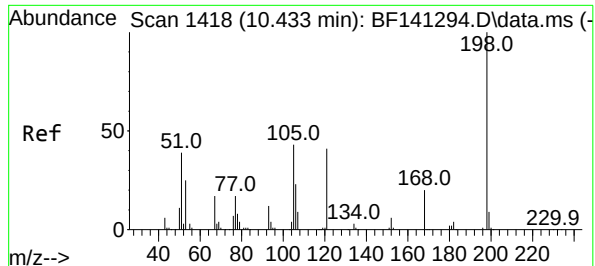
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

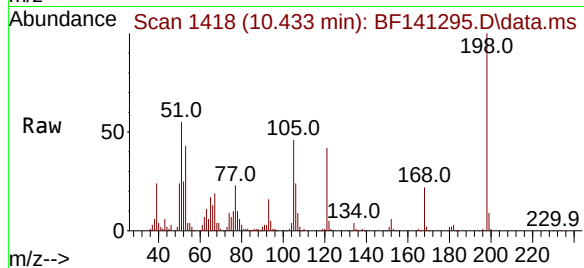
Tgt Ion:188 Resp: 442506
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.4 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 54.710 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

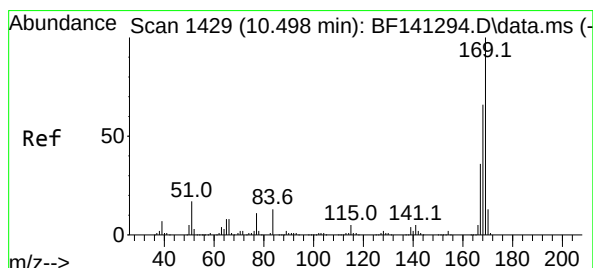
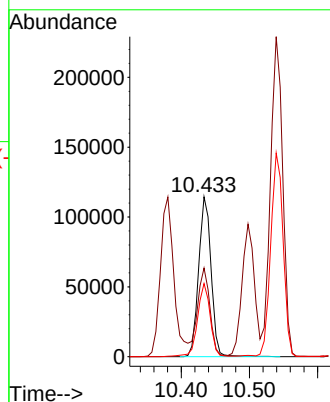
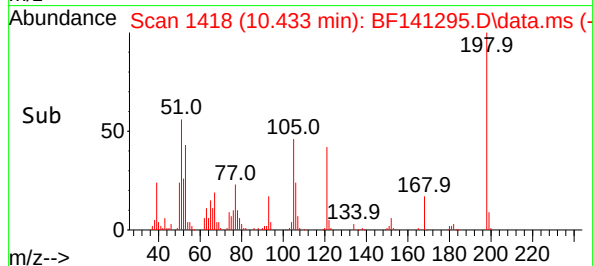
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 144574
Ion Ratio Lower Upper
198 100
51 55.4 33.4 73.4
105 45.8 24.4 64.4

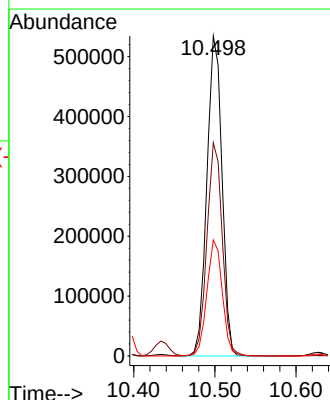
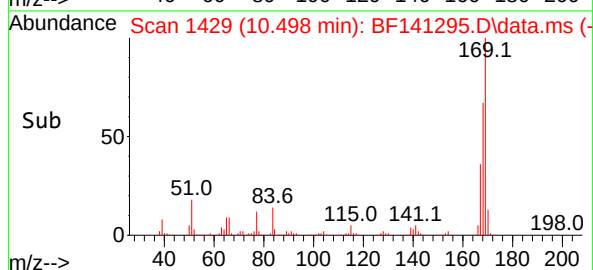
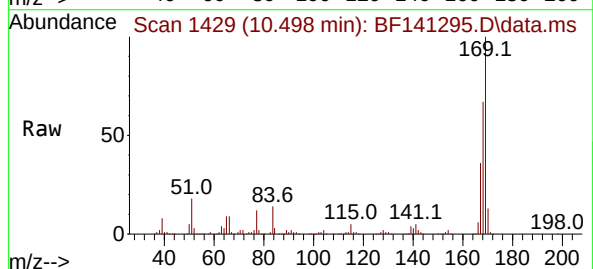
Manual Integrations
APPROVED

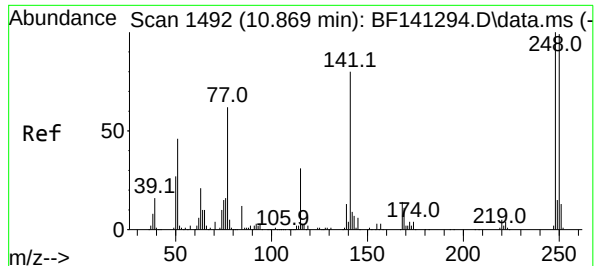
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 47.968 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

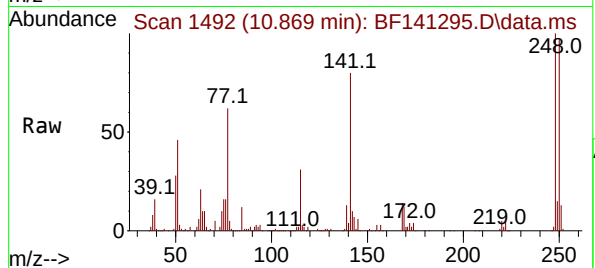
Tgt Ion:169 Resp: 688202
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 48.745 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

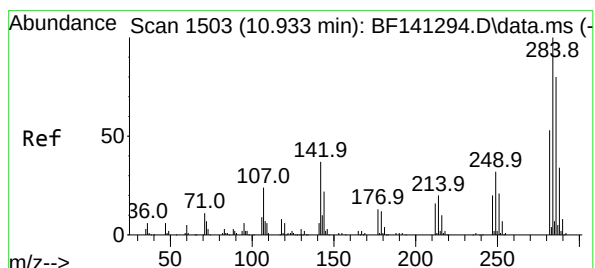
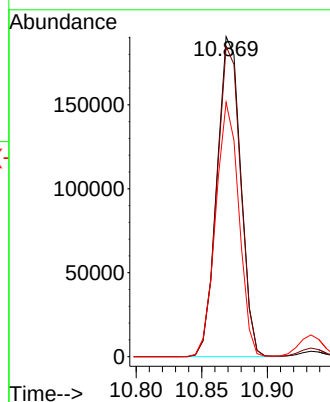
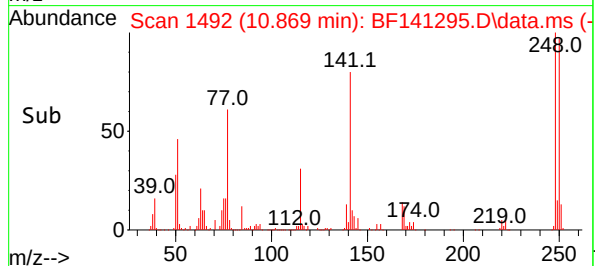
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



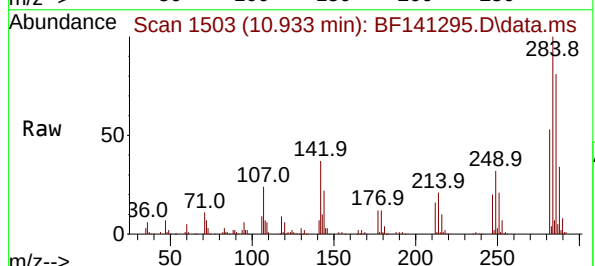
Tgt Ion:248 Resp: 241123
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 79.5 63.7 95.5

Manual Integrations
APPROVED

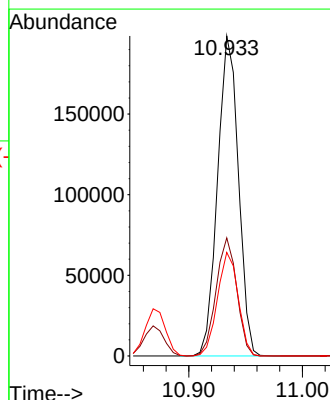
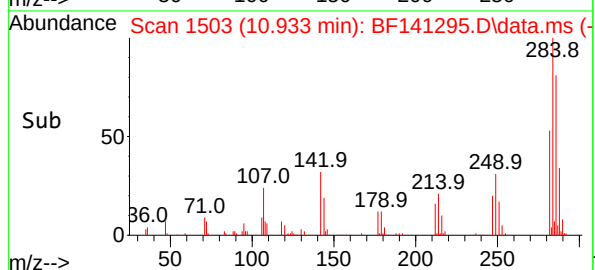
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

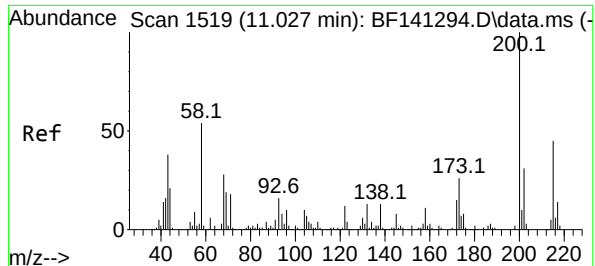


#68
Hexachlorobenzene
Concen: 48.250 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



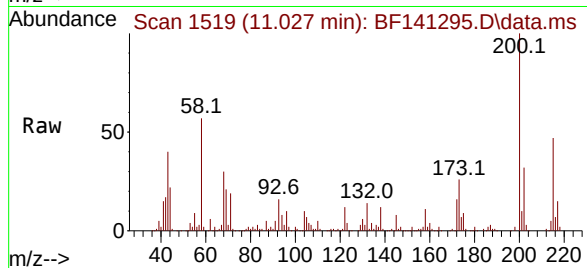
Tgt Ion:284 Resp: 253174
Ion Ratio Lower Upper
284 100
142 36.9 29.5 44.3
249 32.3 25.4 38.2





#69
Atrazine
Concen: 49.457 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

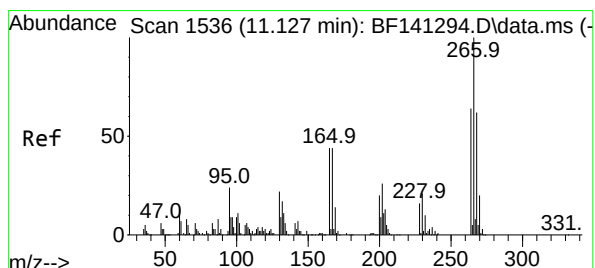
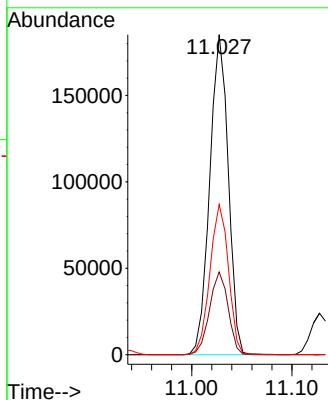
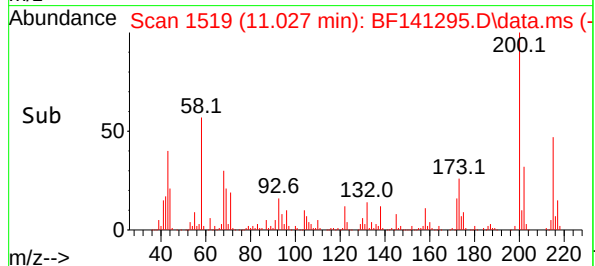
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



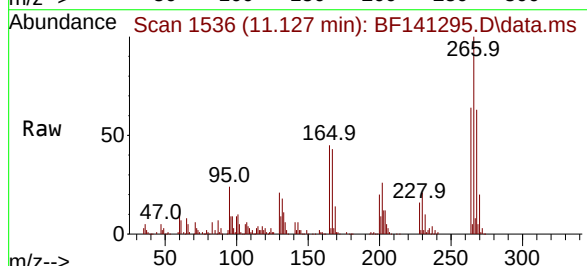
Tgt Ion:200 Resp: 23799
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 46.9 25.2 65.2

Manual Integrations
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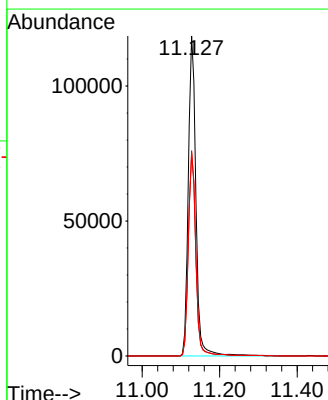
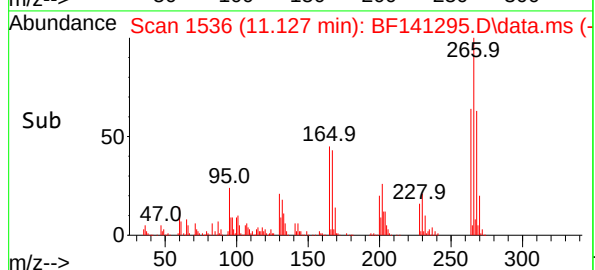
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

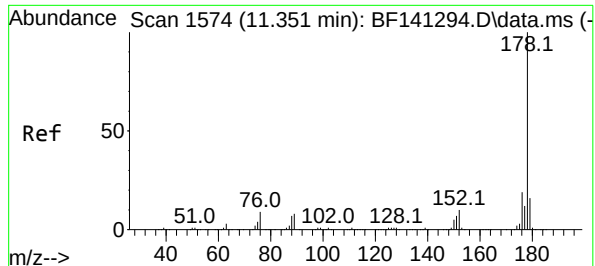


#70
Pentachlorophenol
Concen: 52.515 ng
RT: 11.127 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



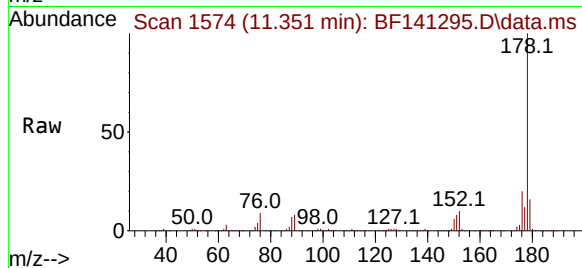
Tgt Ion:266 Resp: 161568
Ion Ratio Lower Upper
266 100
268 63.3 49.9 74.9
264 64.1 51.0 76.4





#71
Phenanthrene
Concen: 46.903 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

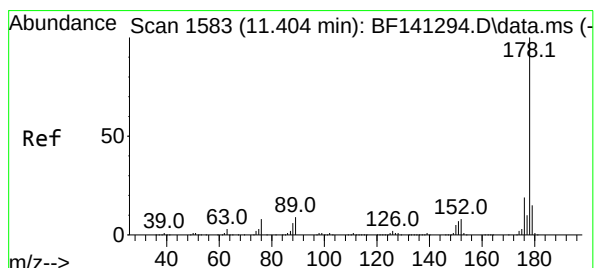
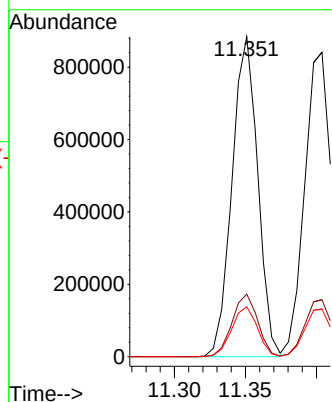
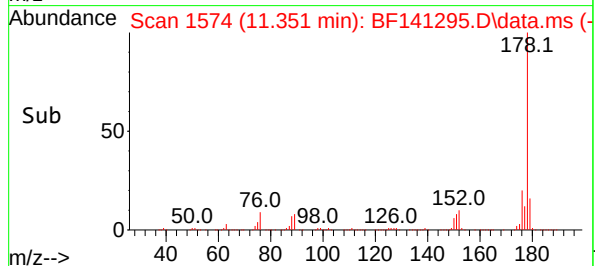
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 1114920
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.6 12.5 18.7

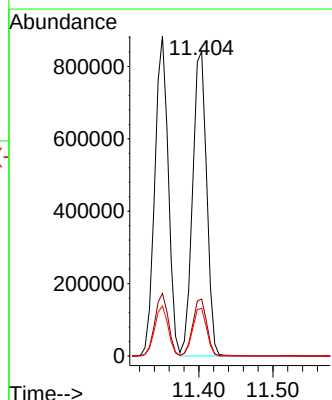
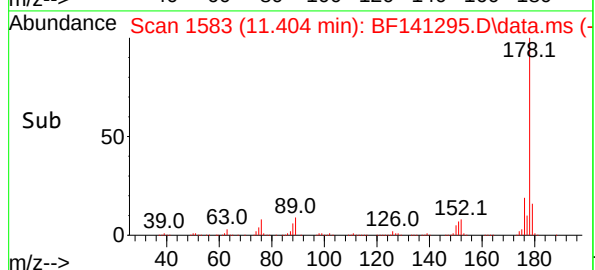
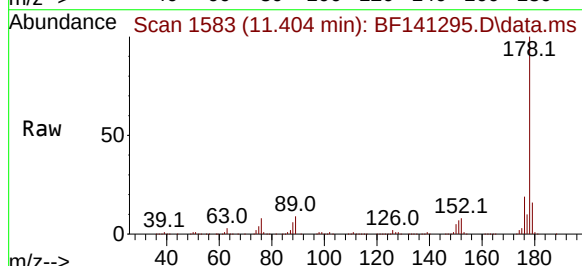
Manual Integrations
APPROVED

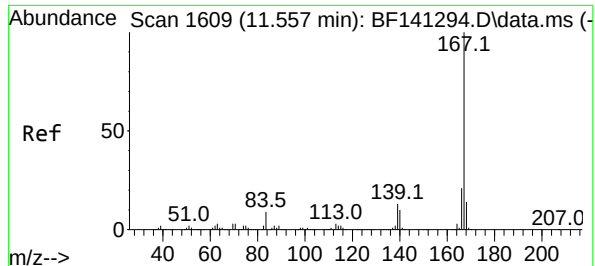
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 47.686 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

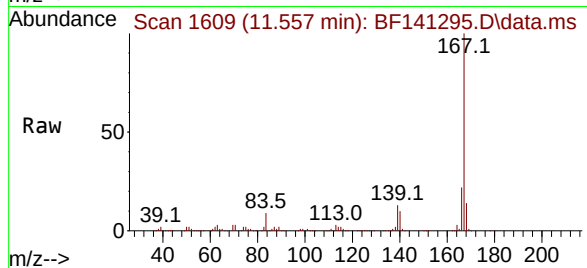
Tgt Ion:178 Resp: 1105681
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5





#73
Carbazole
Concen: 47.304 ng
RT: 11.557 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

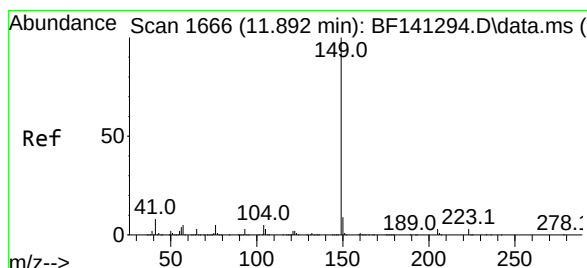
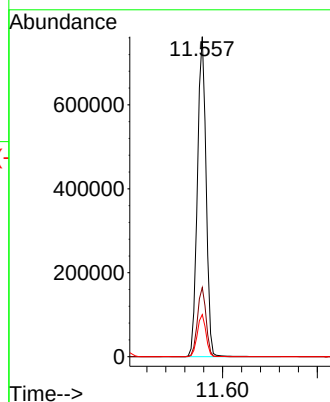
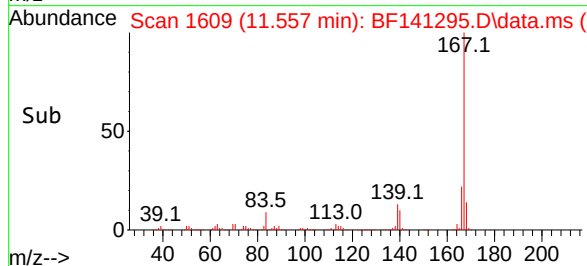
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



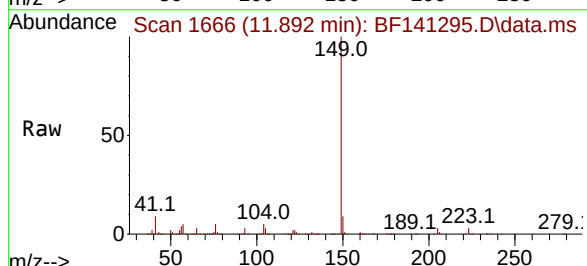
Tgt Ion:167 Resp: 97154
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.6 16.0

Manual Integrations
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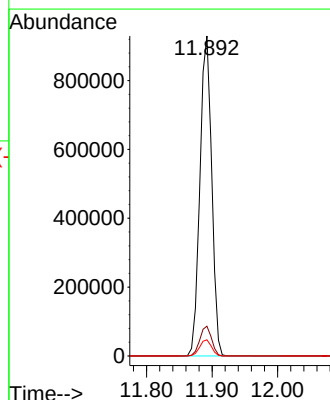
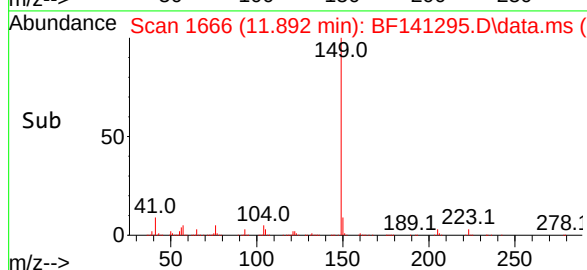
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

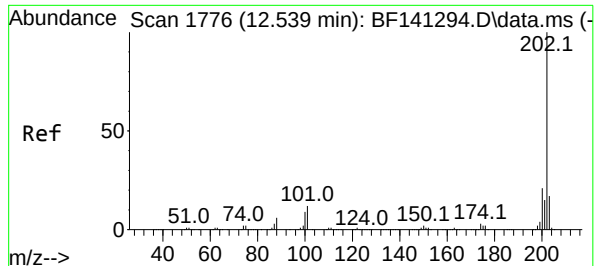


#74
Di-n-butylphthalate
Concen: 46.961 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



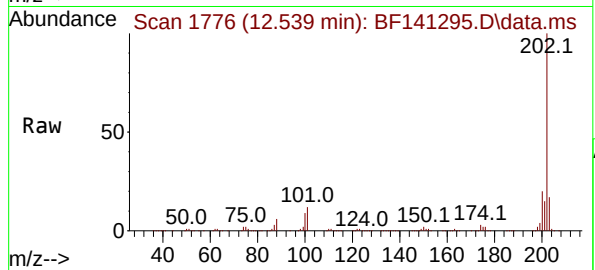
Tgt Ion:149 Resp: 1162607
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 45.923 ng
RT: 12.539 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

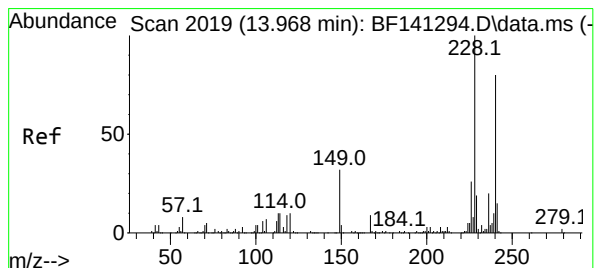
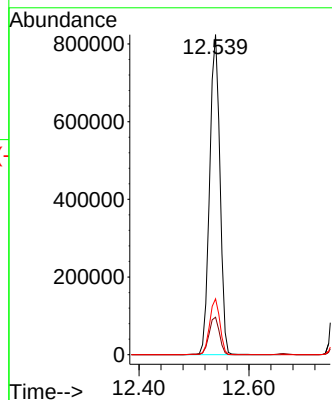
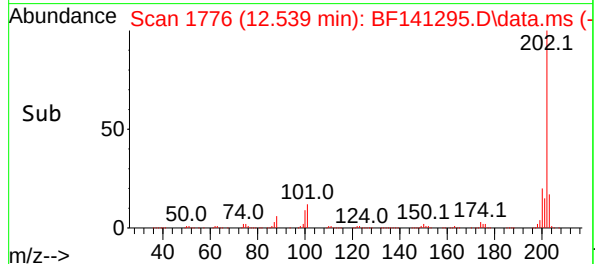
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1065514
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.5 0.0 37.5

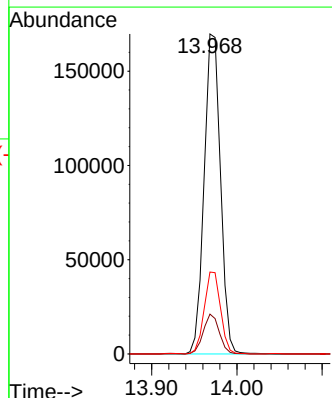
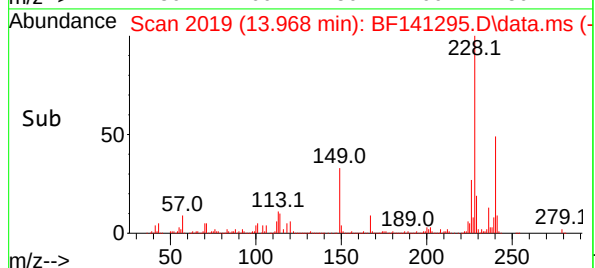
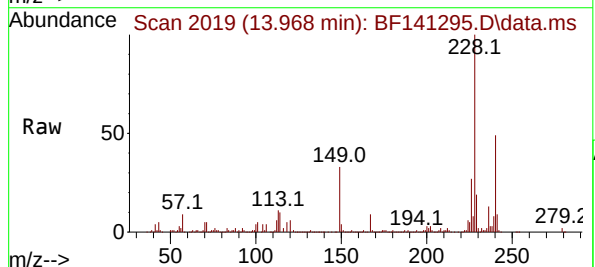
Manual Integrations
APPROVED

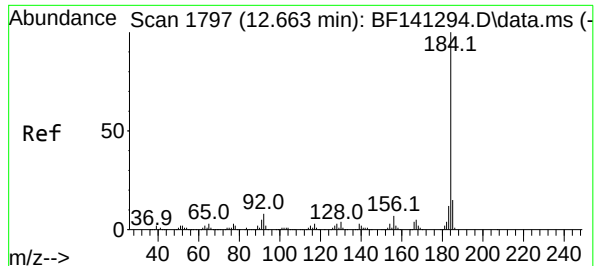
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

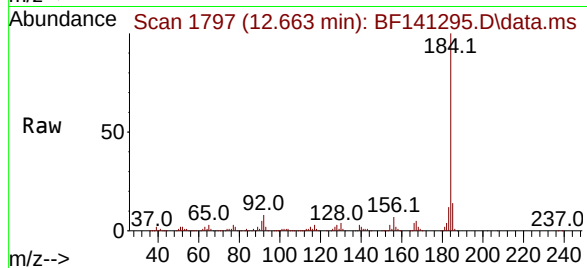
Tgt Ion:240 Resp: 226571
Ion Ratio Lower Upper
240 100
120 12.5 10.0 15.0
236 25.6 19.7 29.5





#77
Benzidine
Concen: 74.515 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

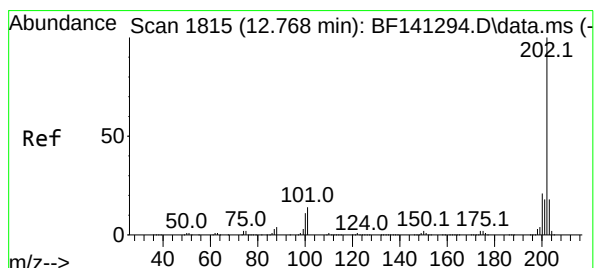
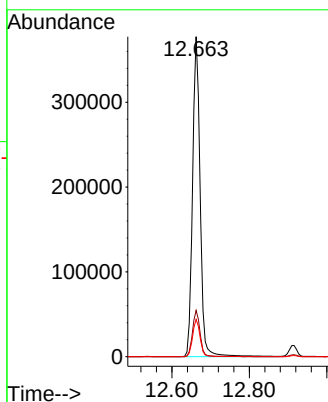
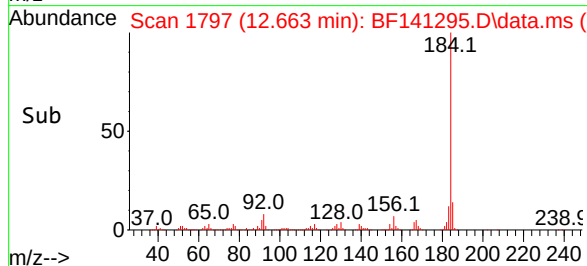
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 513358
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.7 9.5 14.3

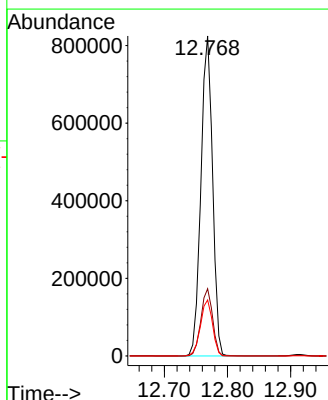
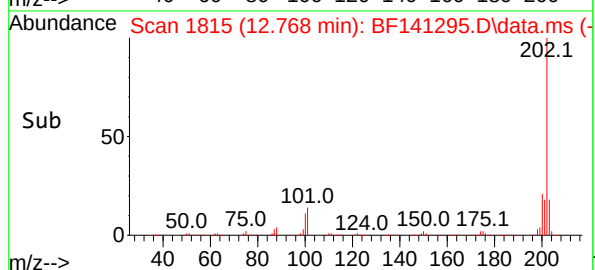
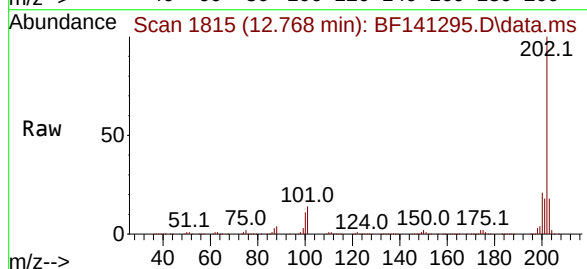
Manual Integrations
APPROVED

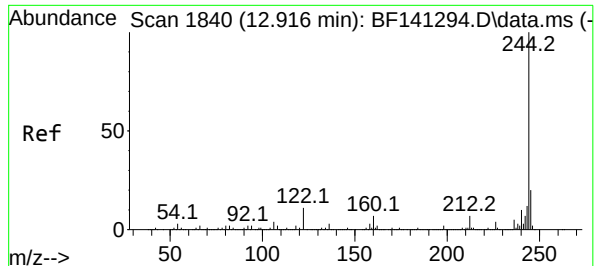
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#78
Pyrene
Concen: 48.410 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:202 Resp: 1059044
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 95.222 ng

RT: 12.916 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF141295.D

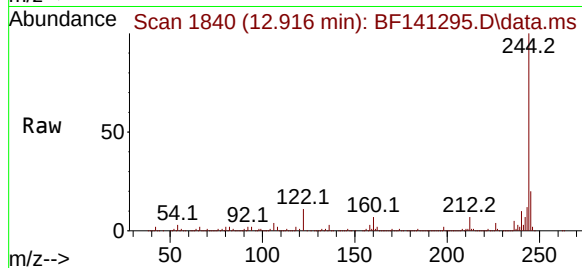
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 140210

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

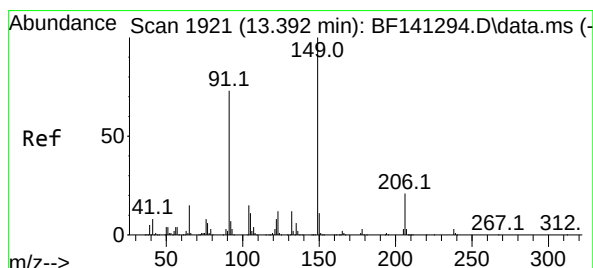
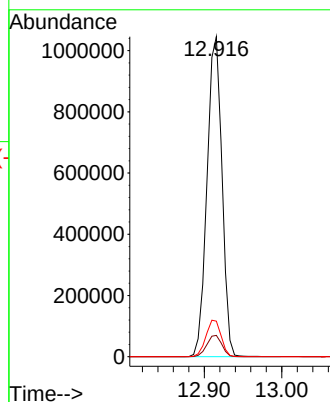
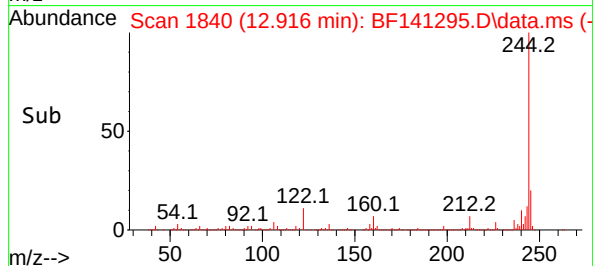
122 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#80

Butylbenzylphthalate

Concen: 49.222 ng

RT: 13.392 min Scan# 1921

Delta R.T. 0.000 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

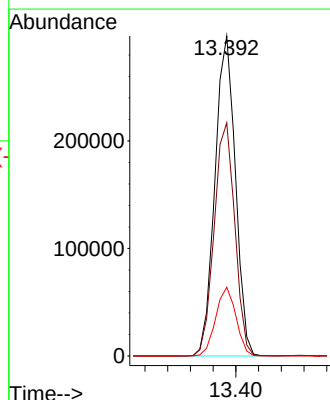
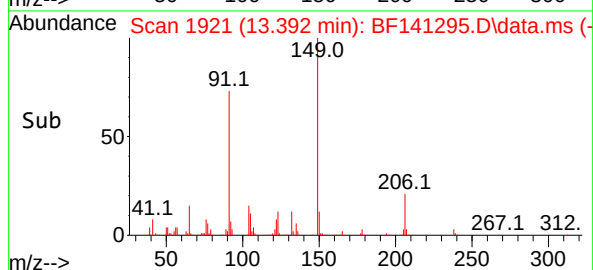
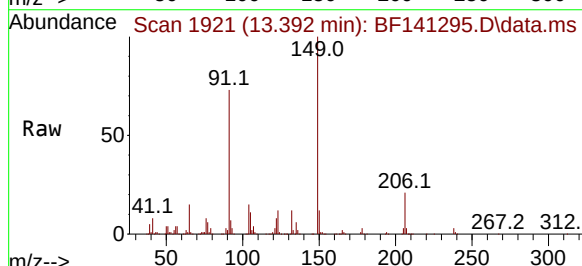
Tgt Ion:149 Resp: 371889

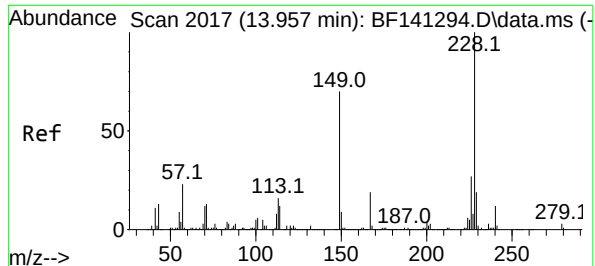
Ion Ratio Lower Upper

149 100

91 72.9 58.6 87.8

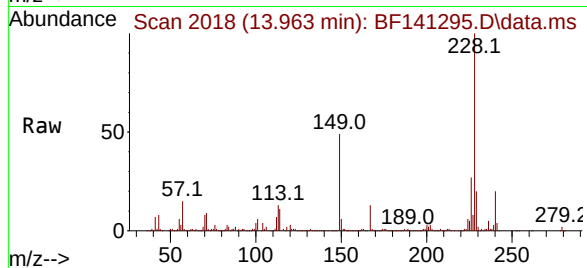
206 21.5 16.7 25.1





#81
Benzo(a)anthracene
Concen: 50.158 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

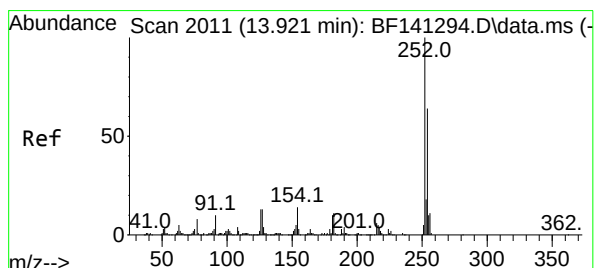
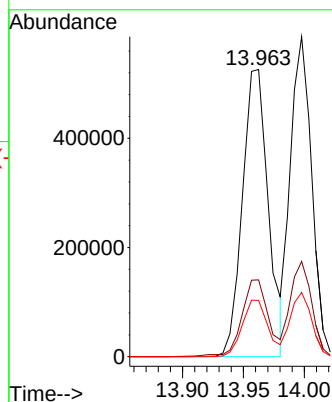
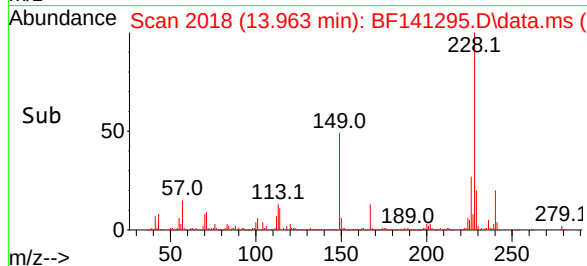
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 778922
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.6 15.5 23.3

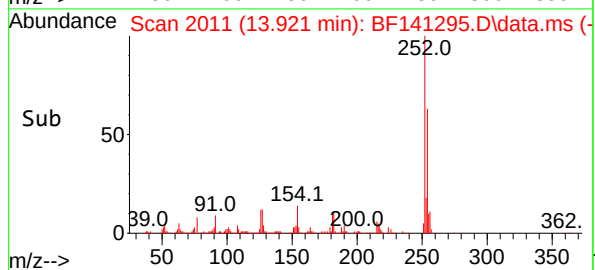
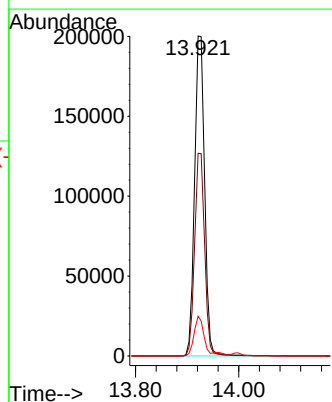
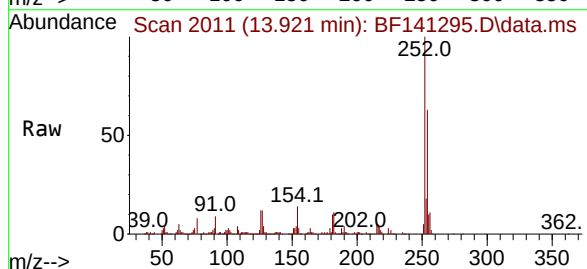
Manual Integrations
APPROVED

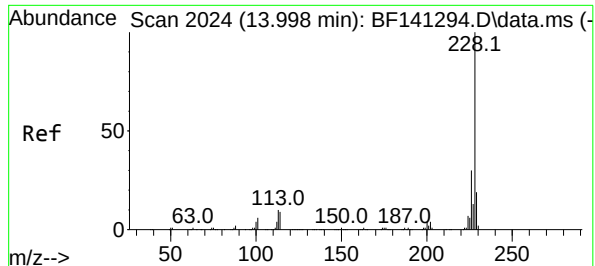
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 55.645 ng
RT: 13.921 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

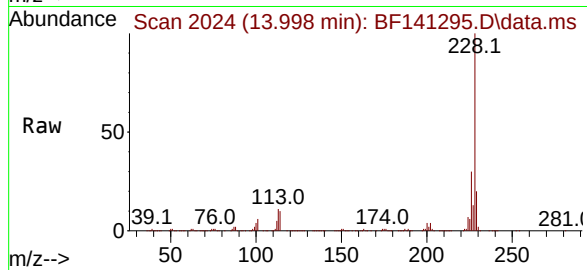
Tgt Ion:252 Resp: 270572
Ion Ratio Lower Upper
252 100
254 63.3 51.3 76.9
126 12.4 10.0 15.0





#83
Chrysene
Concen: 49.829 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

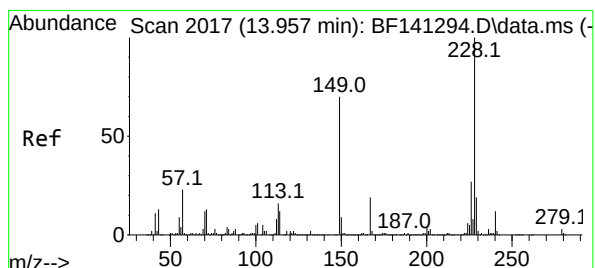
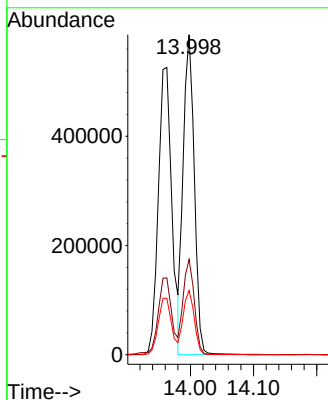
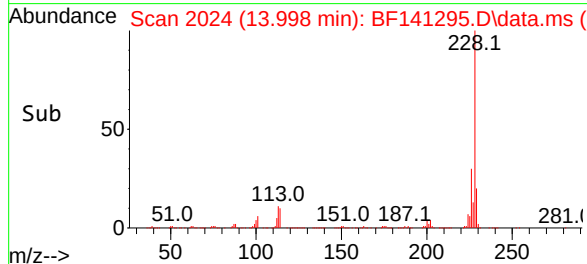
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 717569
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 20.1 15.6 23.4

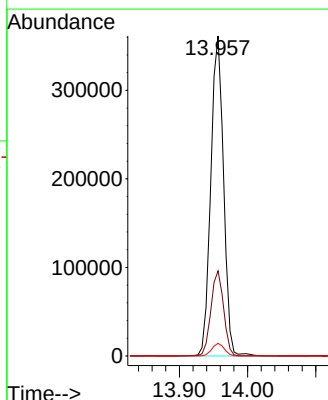
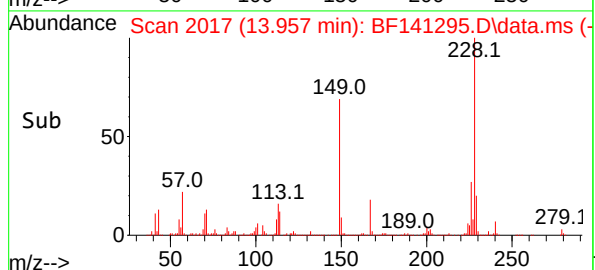
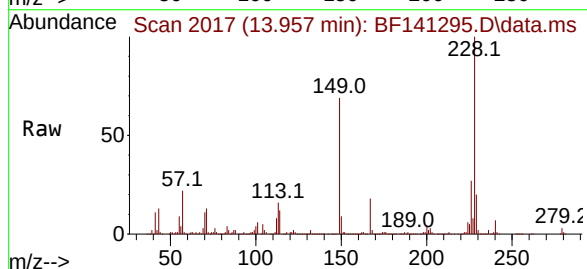
Manual Integrations
APPROVED

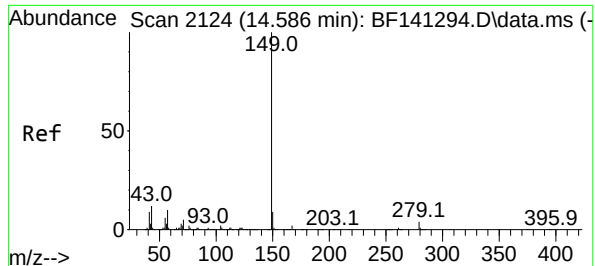
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.620 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

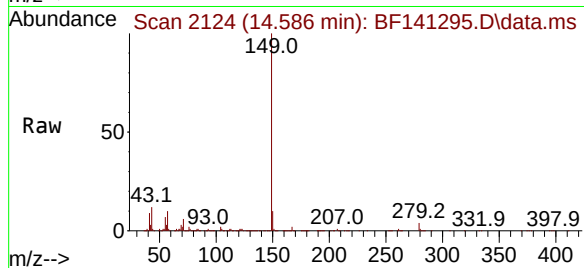
Tgt Ion:149 Resp: 470441
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.8
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 52.127 ng
RT: 14.586 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

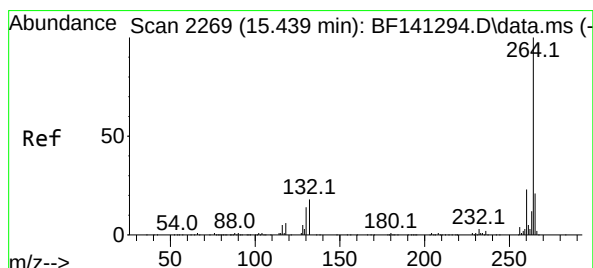
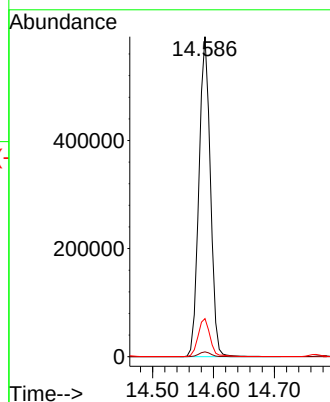
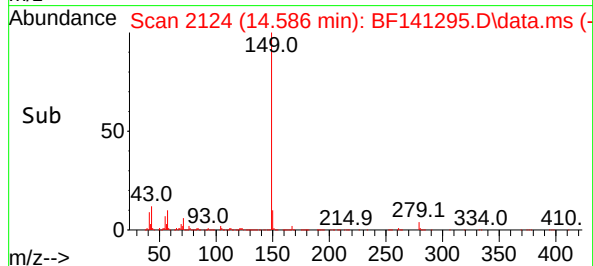
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 77303
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 9.8 14.8

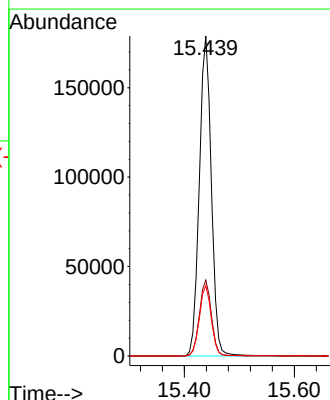
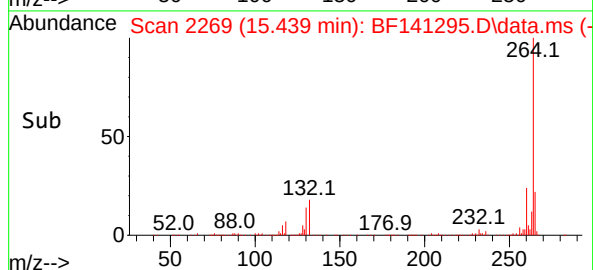
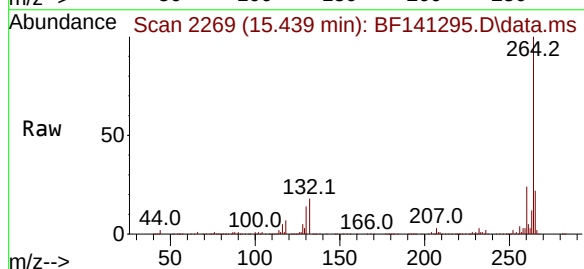
Manual Integrations
APPROVED

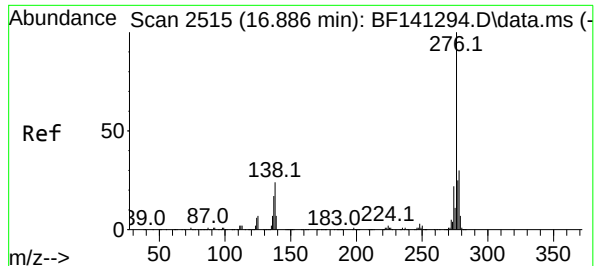
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:264 Resp: 272084
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 22.0 16.7 25.1





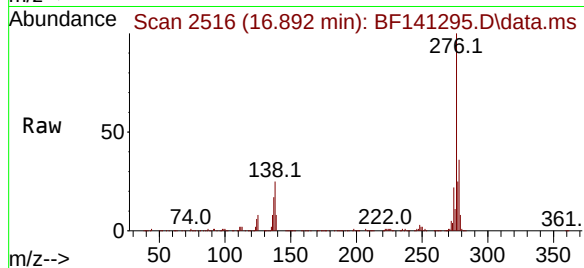
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.584 ng
RT: 16.892 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

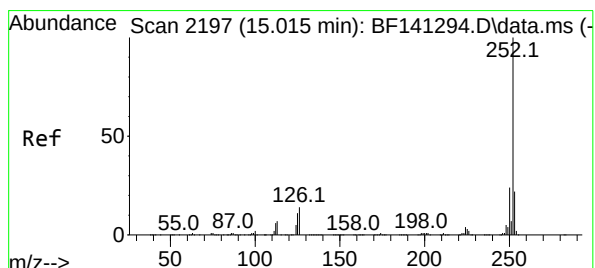
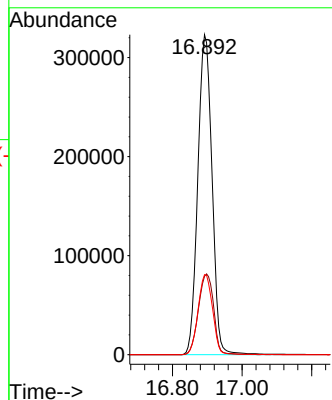
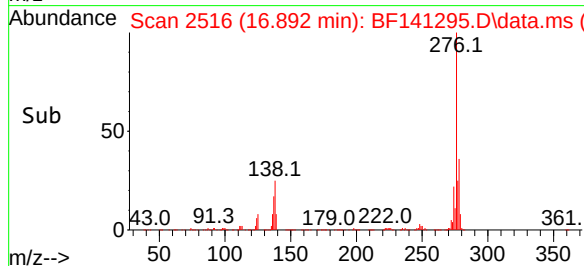


Tgt Ion:276 Resp: 916714
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 25.5 20.3 30.5

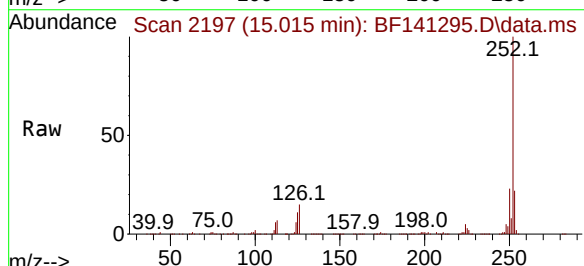
Manual Integrations

APPROVED

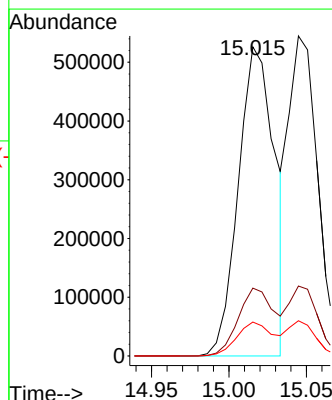
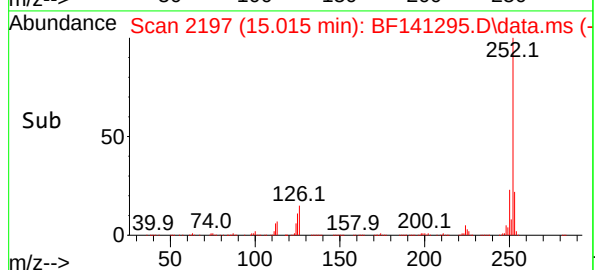
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

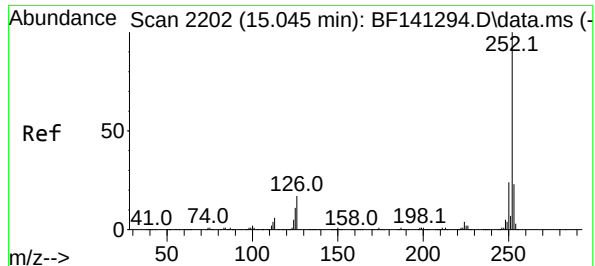


#88
Benzo(b)fluoranthene
Concen: 50.916 ng
RT: 15.015 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11



Tgt Ion:252 Resp: 860351
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 47.153 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF141295.D

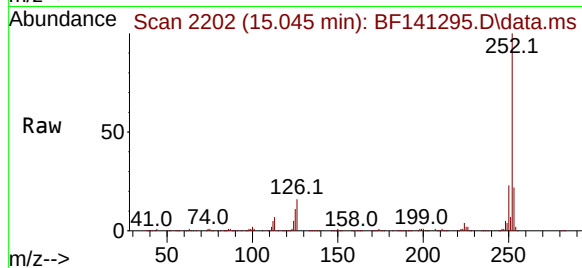
Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:252 Resp: 713500

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

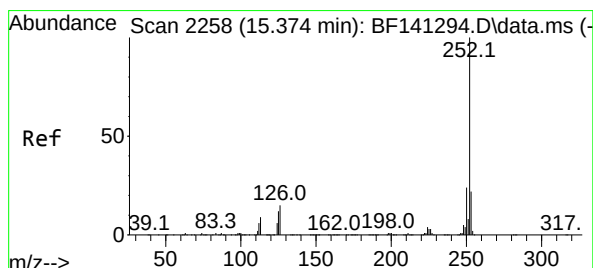
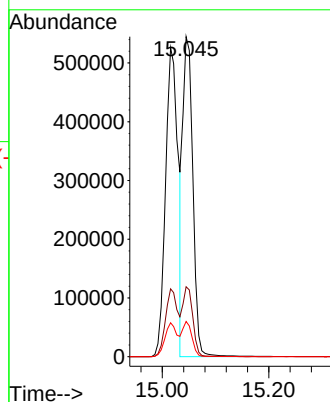
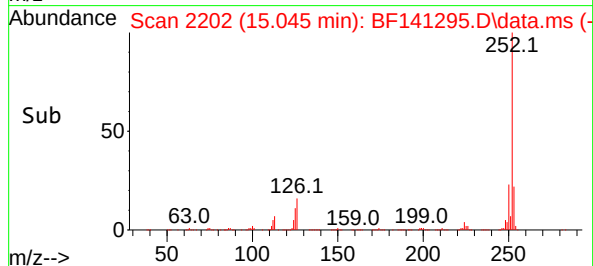
125 11.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 49.985 ng

RT: 15.380 min Scan# 2259

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

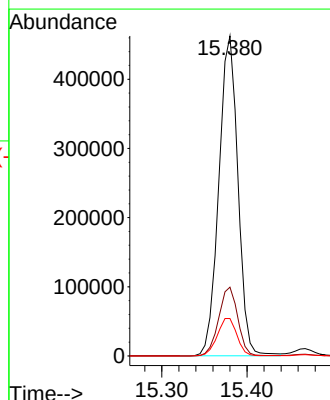
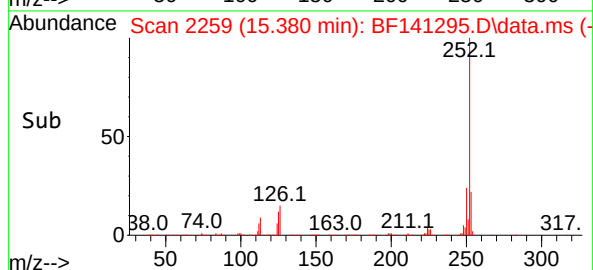
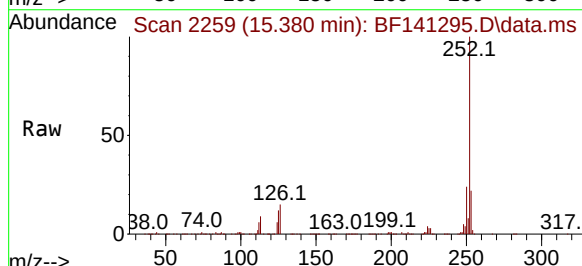
Tgt Ion:252 Resp: 721834

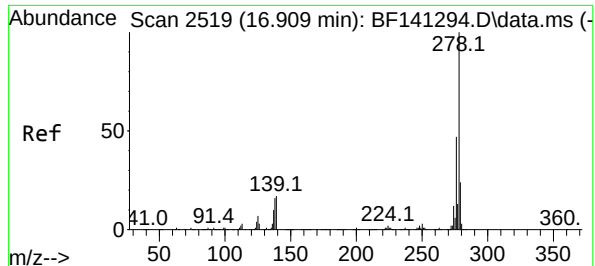
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.907 ng

RT: 16.915 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Instrument :

BNA_F

ClientSampleId :

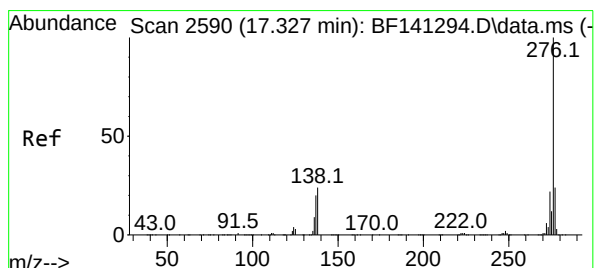
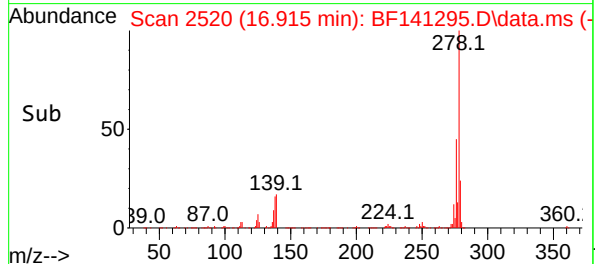
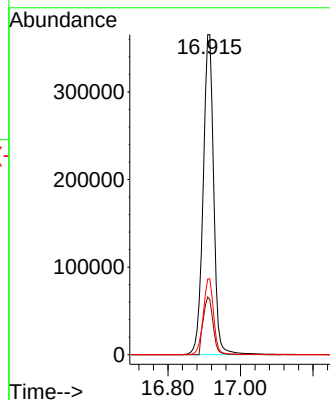
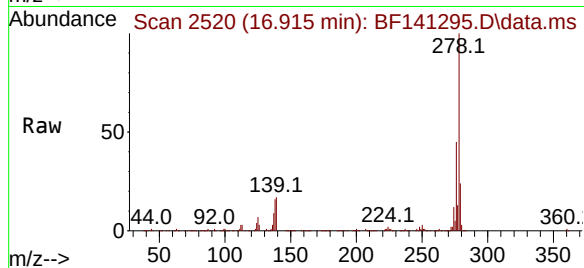
SSTDICC050

Tgt Ion:	278	Resp:	73939
Ion Ratio	Lower	Upper	
278	100		
139	17.2	13.9	20.9
279	23.7	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92

Benzo(g,h,i)perylene

Concen: 50.990 ng

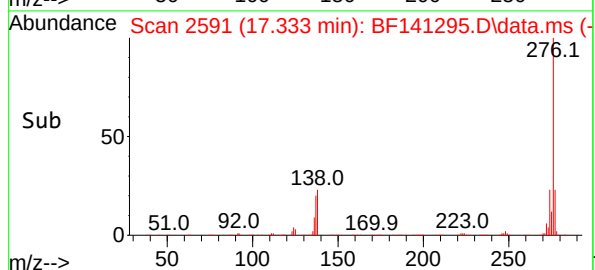
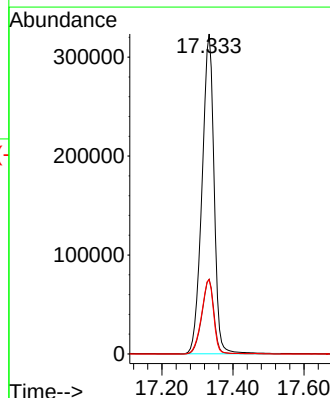
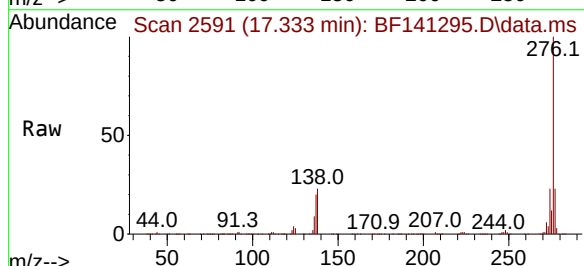
RT: 17.333 min Scan# 2591

Delta R.T. 0.006 min

Lab File: BF141295.D

Acq: 29 Jan 2025 16:11

Tgt Ion:	276	Resp:	764064
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	23.2	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141296.D
 Acq On : 29 Jan 2025 16:38
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 17:20:45 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 29 17:14:44 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125203	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	490777	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260269	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	434671	20.000	ng	0.00
76) Chrysene-d12	13.974	240	225615	20.000	ng	0.00
86) Perylene-d12	15.451	264	265921	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	952391	113.729	ng	0.00
7) Phenol-d6	6.434	99	1210477	113.542	ng	0.00
23) Nitrobenzene-d5	7.369	82	1098197	115.711	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	279105	113.824	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1824372	102.411	ng	0.00
79) Terphenyl-d14	12.916	244	1665591	109.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	213805	58.657	ng	99
3) Pyridine	3.216	79	527201	60.698	ng	99
4) n-Nitrosodimethylamine	3.181	42	305314	61.956	ng	99
6) Aniline	6.463	93	506937	55.493	ng	# 89
8) 2-Chlorophenol	6.587	128	509043	56.606	ng	98
9) Benzaldehyde	6.351	77	314238	48.677	ng	98
10) Phenol	6.445	94	640034	56.549	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	499321	58.245	ng	99
12) 1,3-Dichlorobenzene	6.739	146	553756	55.698	ng	99
13) 1,4-Dichlorobenzene	6.816	146	558572	55.945	ng	100
14) 1,2-Dichlorobenzene	6.975	146	513179	54.417	ng	99
15) Benzyl Alcohol	6.945	79	422722	58.473	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	859130	57.194	ng	99
17) 2-Methylphenol	7.057	107	420597	58.211	ng	99
18) Hexachloroethane	7.316	117	210746	57.649	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	355036	56.162	ng	97
20) 3+4-Methylphenols	7.210	107	496888	54.781	ng	98
22) Acetophenone	7.216	105	651575	53.679	ng	99
24) Nitrobenzene	7.386	77	572234	58.138	ng	99
25) Isophorone	7.622	82	953671	58.383	ng	98
26) 2-Nitrophenol	7.698	139	280785	61.652	ng	99
27) 2,4-Dimethylphenol	7.739	122	350784m	60.006	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	605644	57.853	ng	99
29) 2,4-Dichlorophenol	7.939	162	421748	58.315	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	465841	55.787	ng	99
31) Naphthalene	8.104	128	1475900	54.933	ng	99
32) Benzoic acid	7.863	122	380664m	76.193	ng	
33) 4-Chloroaniline	8.157	127	513149	56.786	ng	99
34) Hexachlorobutadiene	8.222	225	275524	56.533	ng	100
35) Caprolactam	8.533	113	141023	60.337	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	452438	58.389	ng	97
37) 2-Methylnaphthalene	8.792	142	941153	55.126	ng	98
38) 1-Methylnaphthalene	8.892	142	917389	54.632	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	430239	56.609	ng	100
41) Hexachlorocyclopentadiene	8.945	237	141387	66.154	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	288290	58.588	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141296.D
 Acq On : 29 Jan 2025 16:38
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 17:20:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:14:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	314912	59.000	ng	99
46) 1,1'-Biphenyl	9.263	154	1139946	54.084	ng	99
47) 2-Chloronaphthalene	9.286	162	902561	55.247	ng	99
48) 2-Nitroaniline	9.380	65	300339	59.861	ng	98
49) Acenaphthylene	9.698	152	1258733	54.924	ng	100
50) Dimethylphthalate	9.569	163	1012298	56.075	ng	100
51) 2,6-Dinitrotoluene	9.627	165	241241	58.050	ng	98
52) Acenaphthene	9.875	154	921519	56.639	ng	100
53) 3-Nitroaniline	9.792	138	232680	56.245	ng	99
54) 2,4-Dinitrophenol	9.898	184	132244	84.109	ng	95
55) Dibenzofuran	10.045	168	1202027	54.629	ng	99
56) 4-Nitrophenol	9.951	139	190620	66.120	ng	99
57) 2,4-Dinitrotoluene	10.027	165	315221	58.312	ng	97
58) Fluorene	10.386	166	915246	53.236	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	252964	60.106	ng	100
60) Diethylphthalate	10.263	149	983788	55.897	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	445841	53.136	ng	99
62) 4-Nitroaniline	10.410	138	242716	61.216	ng	99
63) Azobenzene	10.539	77	996603	56.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	174248	71.103	ng	99
66) n-Nitrosodiphenylamine	10.504	169	800147	55.423	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	286647	57.957	ng	96
68) Hexachlorobenzene	10.933	284	302508	57.366	ng	99
69) Atrazine	11.033	200	306524	66.863	ng	99
70) Pentachlorophenol	11.127	266	194335	65.443	ng	99
71) Phenanthrene	11.351	178	1316980	54.311	ng	100
72) Anthracene	11.404	178	1298334	54.763	ng	99
73) Carbazole	11.557	167	1173330	55.874	ng	99
74) Di-n-butylphthalate	11.892	149	1410222	55.325	ng	100
75) Fluoranthene	12.539	202	1279995	52.878	ng	99
77) Benzidine	12.663	184	490009	67.692	ng	100
78) Pyrene	12.768	202	1284820	57.717	ng	100
80) Butylbenzylphthalate	13.392	149	465533	60.745	ng	99
81) Benzo(a)anthracene	13.962	228	917219	57.742	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	315503	64.819	ng	100
83) Chrysene	14.004	228	841120	58.239	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	564642	57.438	ng	99
85) Di-n-octyl phthalate	14.598	149	951473	64.953	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	1054987	61.732	ng	99
88) Benzo(b)fluoranthene	15.033	252	971433	56.615	ng	99
89) Benzo(k)fluoranthene	15.062	252	845842	55.934	ng	100
90) Benzo(a)pyrene	15.392	252	838283	58.588	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	854214	62.119	ng	98
92) Benzo(g,h,i)perylene	17.351	276	881804	61.510	ng	100

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

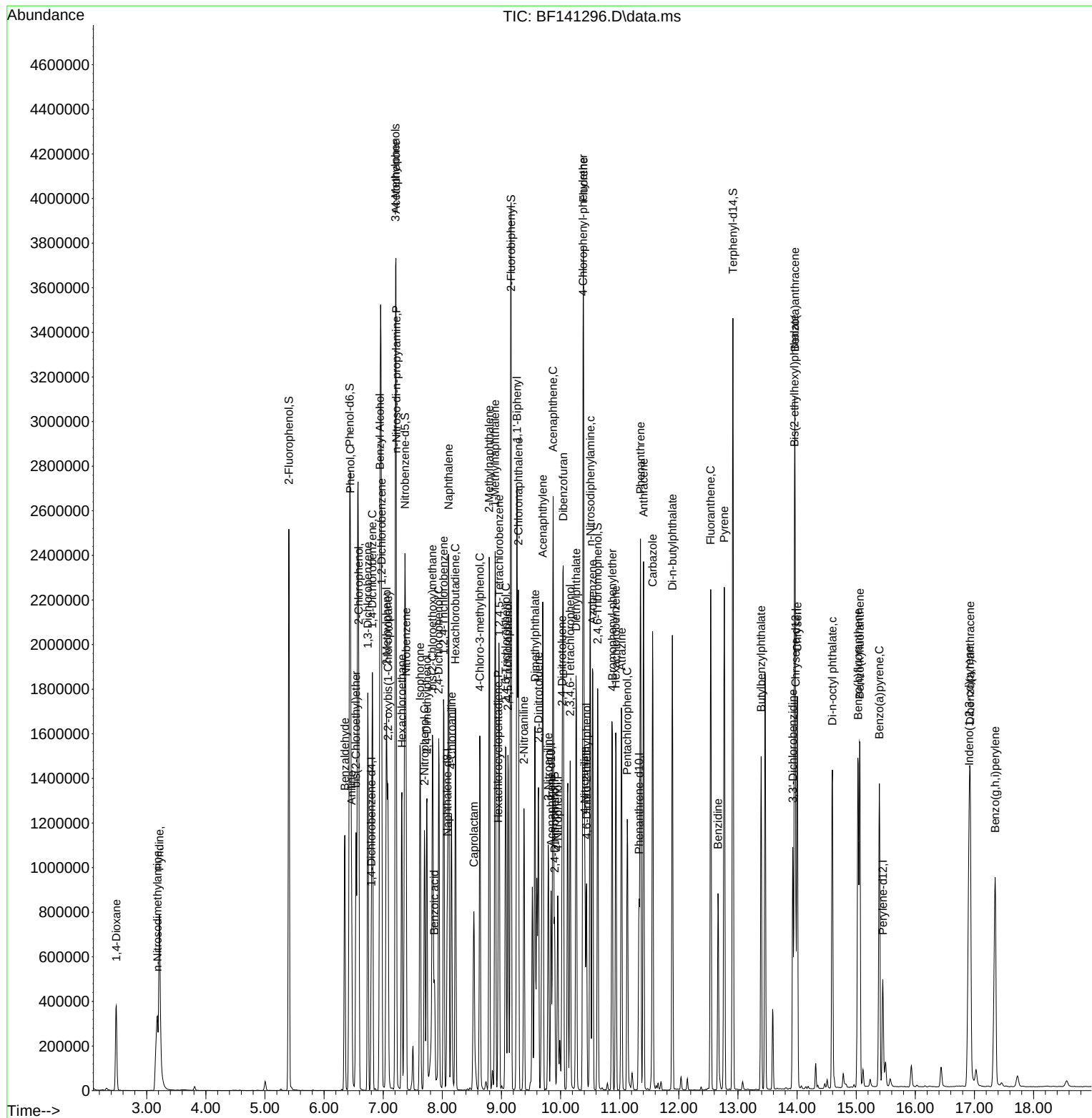
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 Acq On : 29 Jan 2025 16:38
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

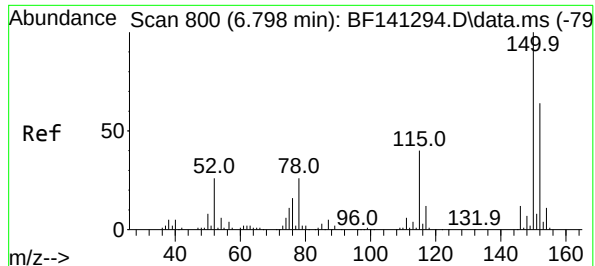
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 ClientSampleId :
 SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

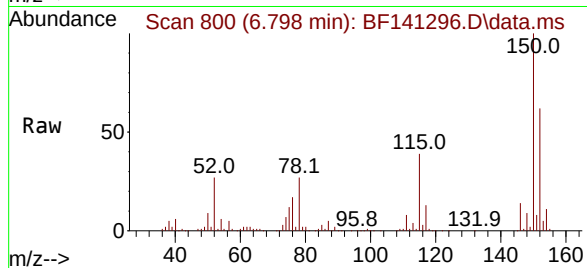
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:14:44 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

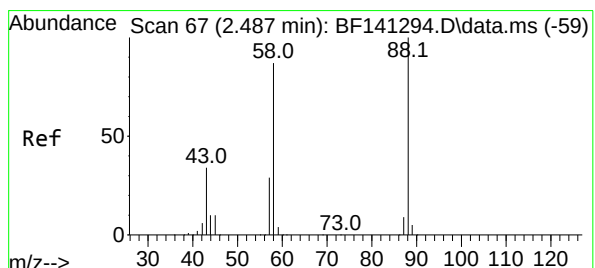
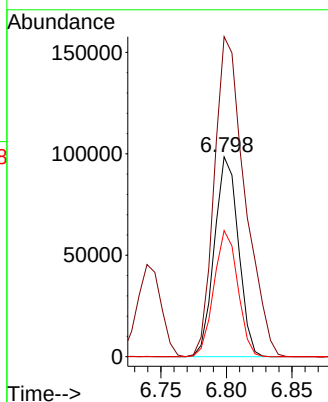
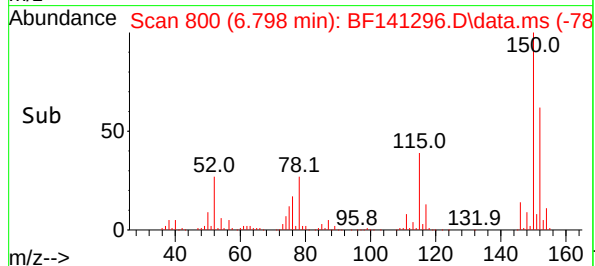
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 125200
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 63.2 49.7 74.5

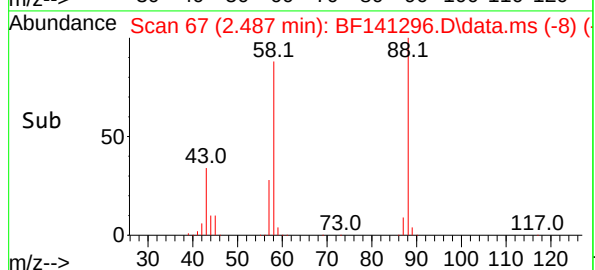
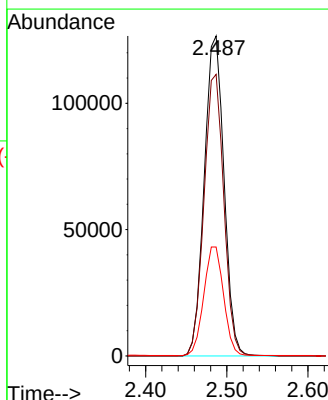
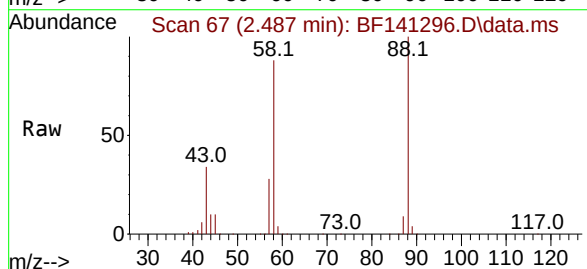
Manual Integrations
APPROVED

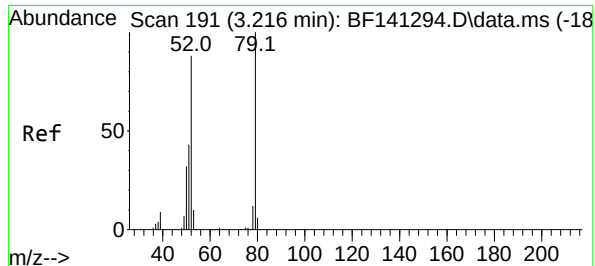
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 58.657 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 88 Resp: 213805
Ion Ratio Lower Upper
88 100
58 88.5 70.2 105.4
43 34.0 27.6 41.4





#3

Pyridine

Concen: 60.698 ng

RT: 3.216 min Scan# 191

Delta R.T. -0.006 min

Lab File: BF141296.D

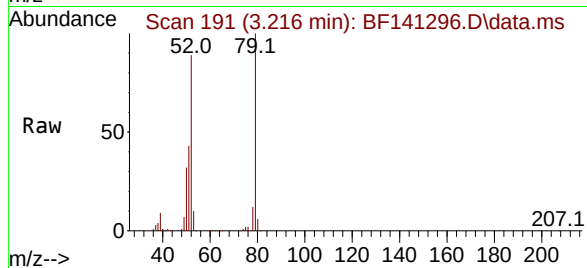
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 79 Resp: 52720

Ion Ratio Lower Upper

79 100

52 89.0

51 42.9

70.3

34.3

105.5

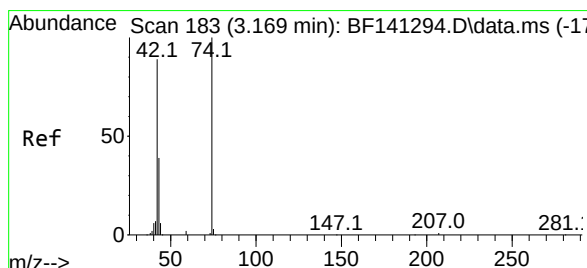
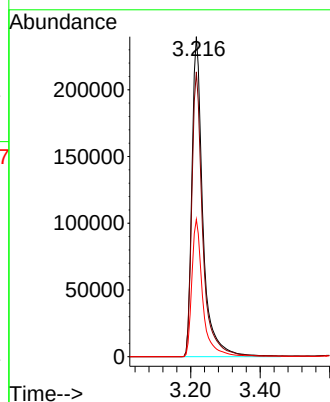
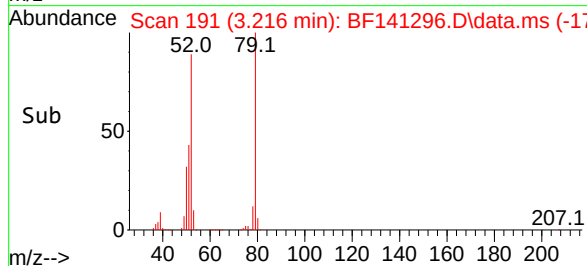
51.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#4

n-Nitrosodimethylamine

Concen: 61.956 ng

RT: 3.181 min Scan# 185

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion: 42 Resp: 305314

Ion Ratio Lower Upper

42 100

74 114.1

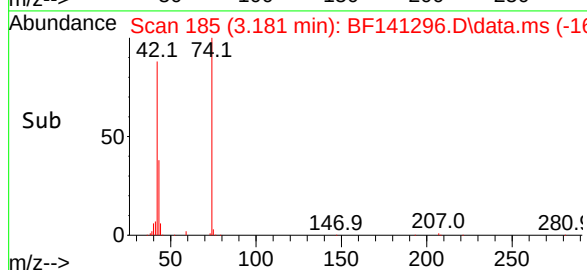
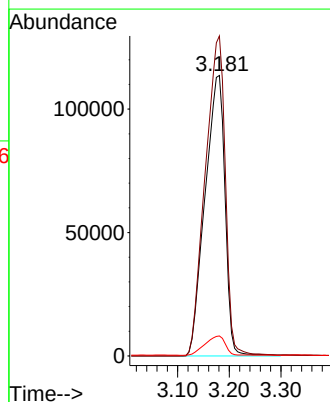
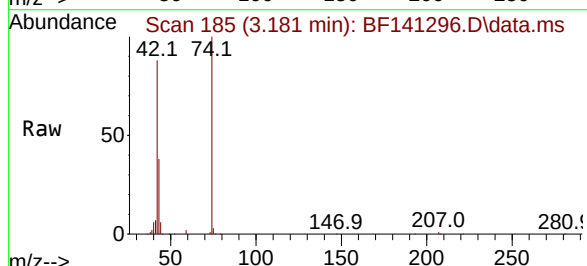
44 7.2

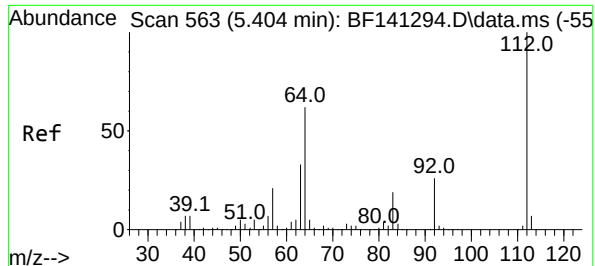
90.3

5.7

135.5

8.5





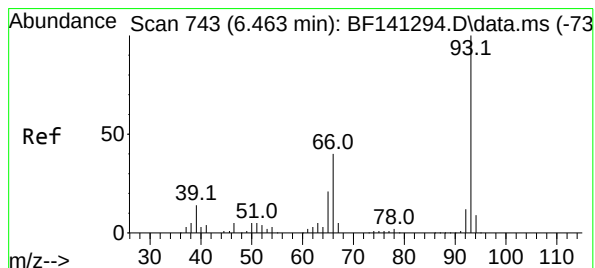
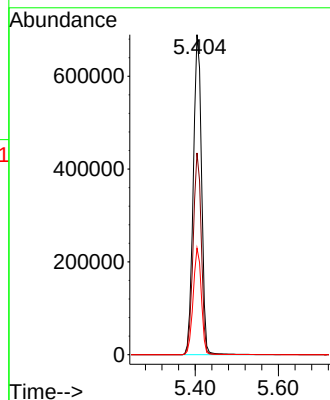
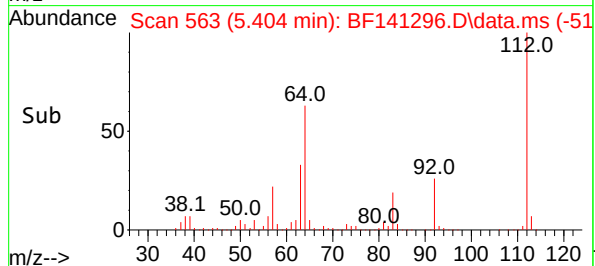
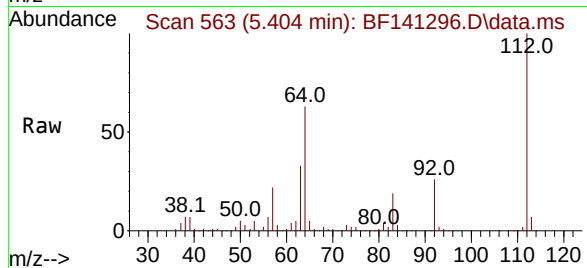
#5
2-Fluorophenol
Concen: 113.729 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 95239
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.8
63 33.3 26.1 39.1

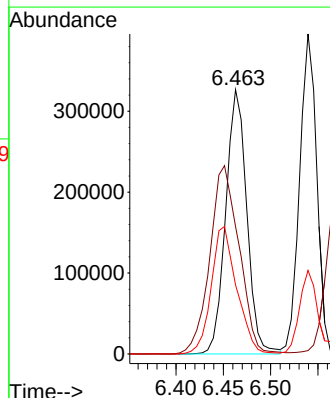
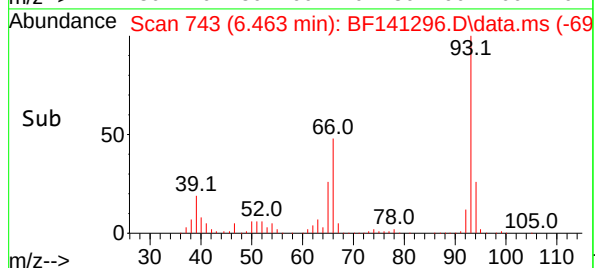
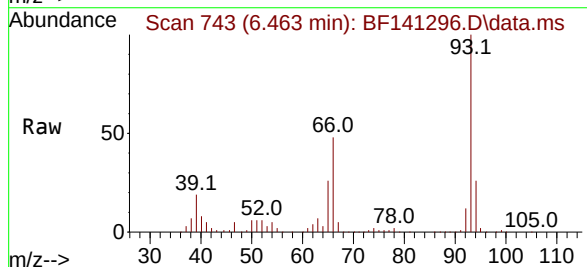
Manual Integrations
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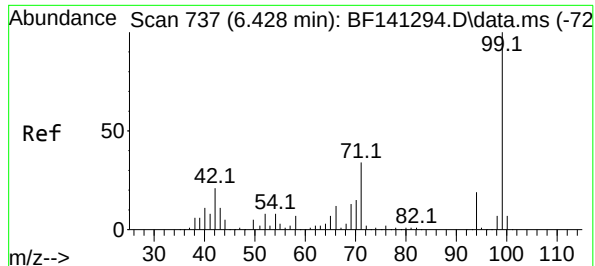
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 55.493 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

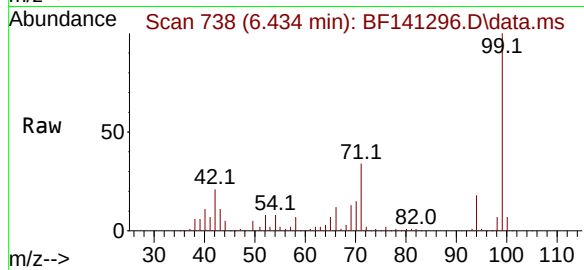
Tgt Ion: 93 Resp: 506937
Ion Ratio Lower Upper
93 100
66 48.2 32.5 48.7
65 26.1 17.0 25.6





#7
Phenol-d6
Concen: 113.542 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

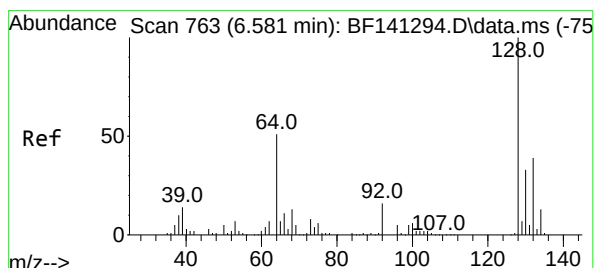
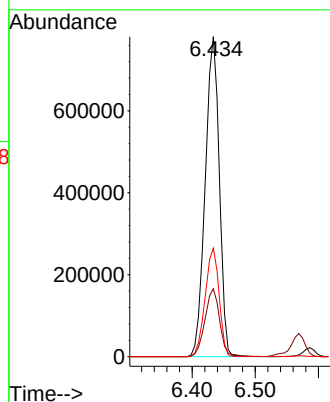
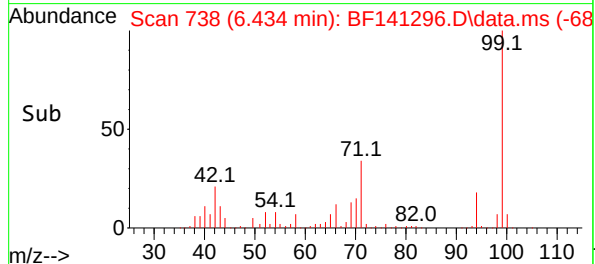
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 121047
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 33.9 26.9 40.3

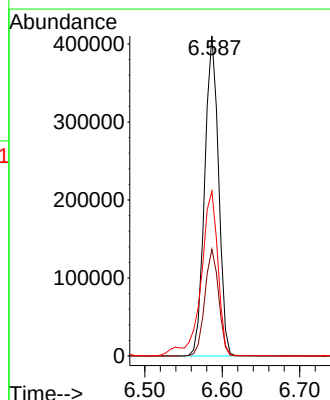
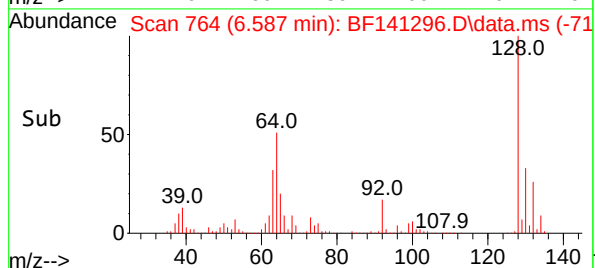
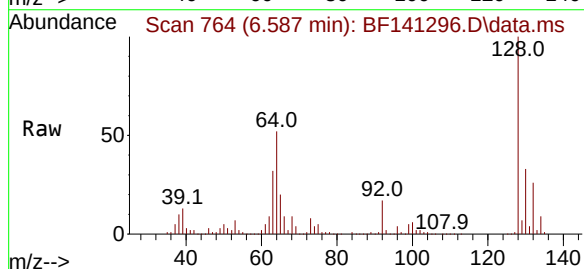
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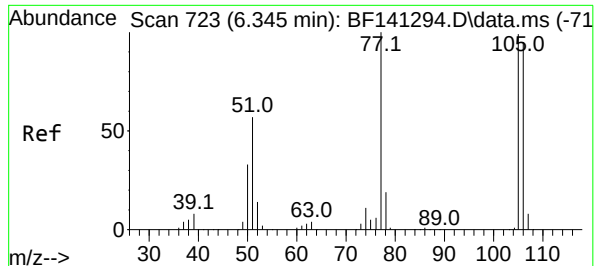
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 56.606 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:128 Resp: 509043
Ion Ratio Lower Upper
128 100
130 33.4 12.5 52.5
64 51.5 32.9 72.9





#9

Benzaldehyde

Concen: 48.677 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 314238

Ion Ratio Lower Upper

77 100

105 101.2 79.4 119.4

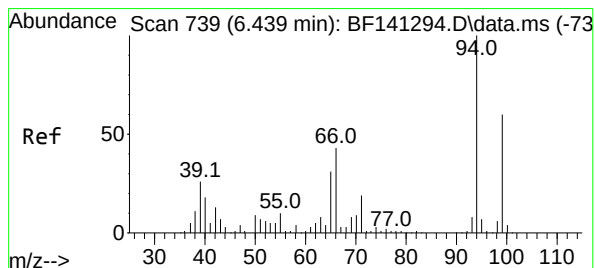
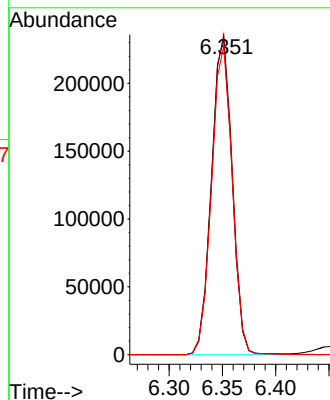
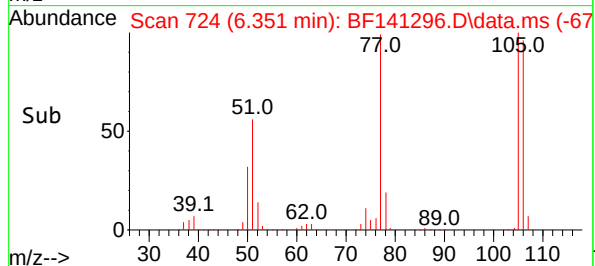
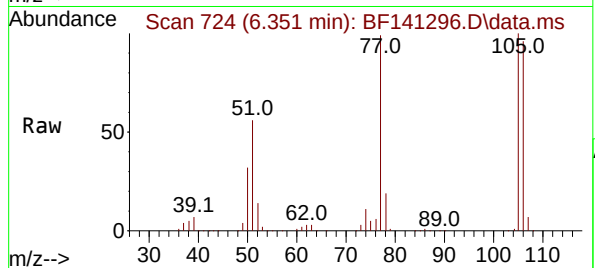
106 97.6 74.6 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#10

Phenol

Concen: 56.549 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

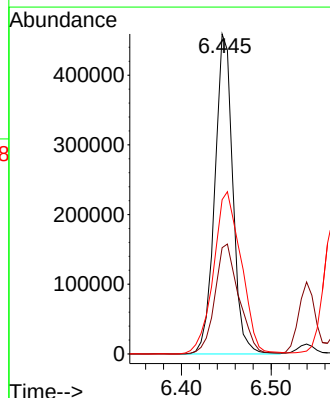
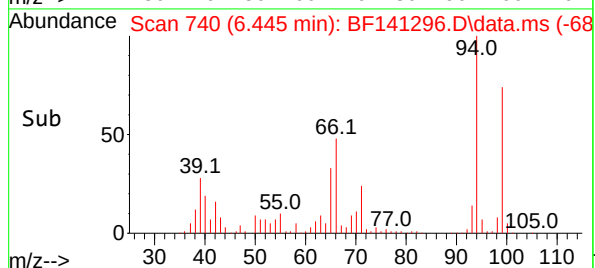
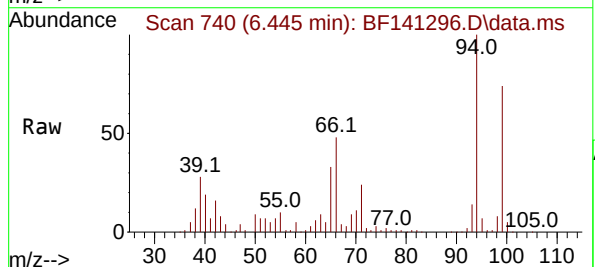
Tgt Ion: 94 Resp: 640034

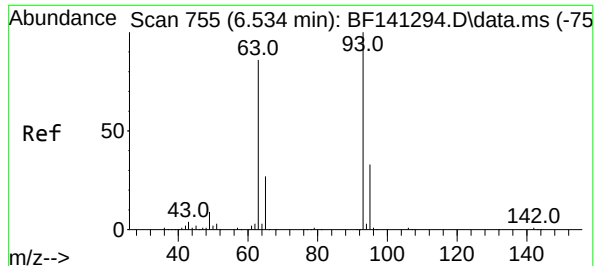
Ion Ratio Lower Upper

94 100

65 33.2 10.8 50.8

66 48.2 23.3 63.3





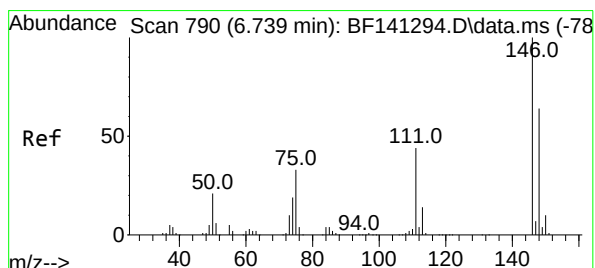
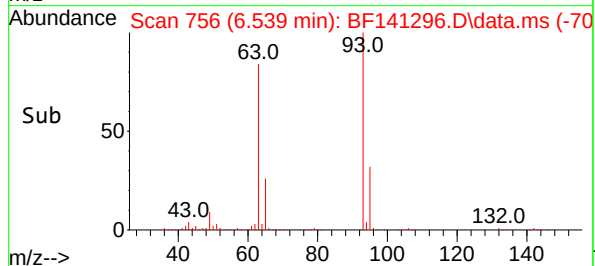
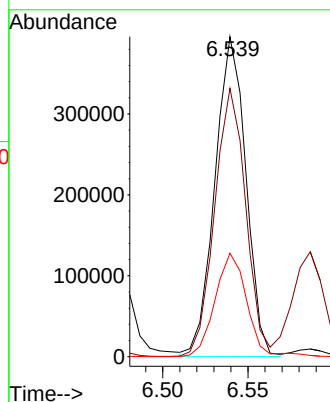
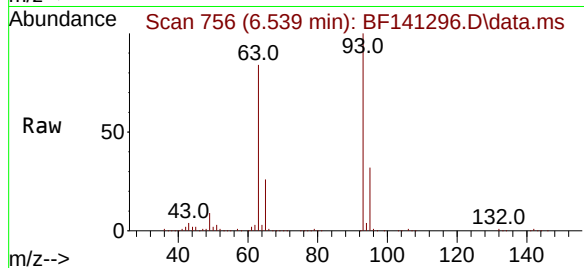
#11
bis(2-Chloroethyl)ether
Concen: 58.245 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 49932
Ion Ratio Lower Upper
93 100
63 83.9 65.0 105.0
95 32.3 12.4 52.4

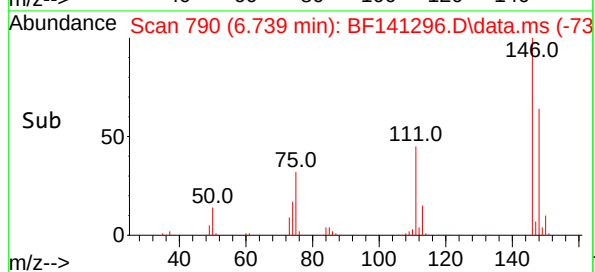
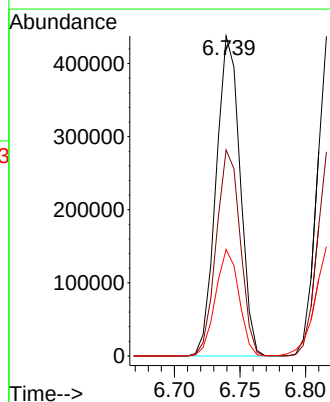
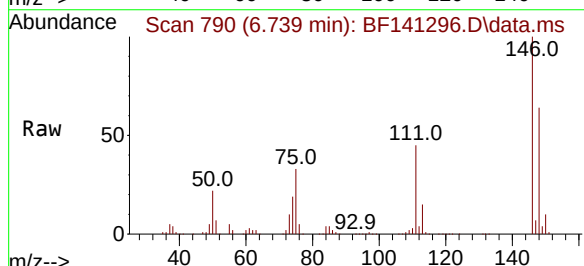
Manual Integrations
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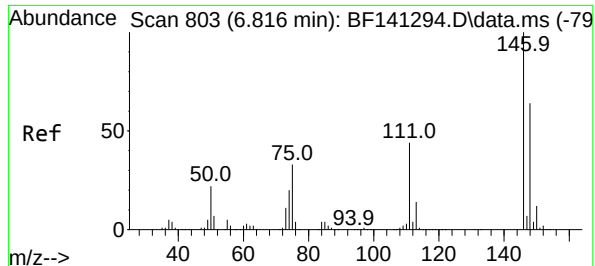
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 55.698 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 553756
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 33.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 55.945 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 558572

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

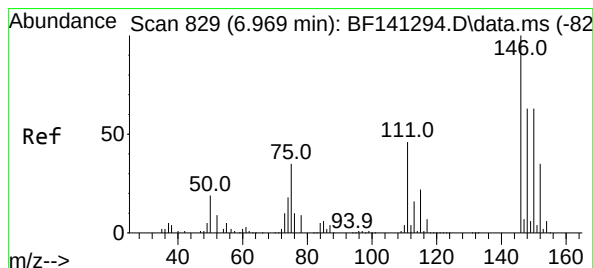
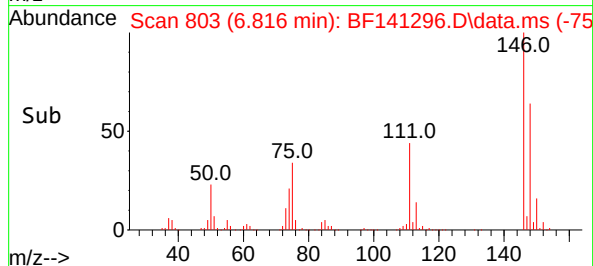
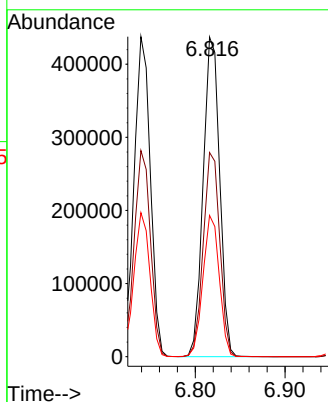
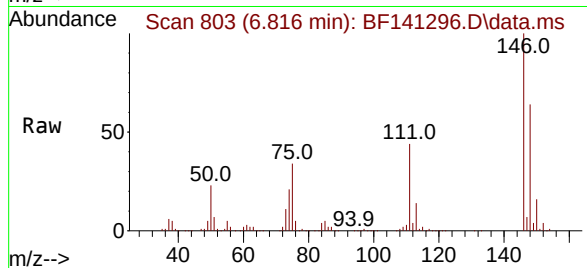
111 44.2 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 54.417 ng

RT: 6.975 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

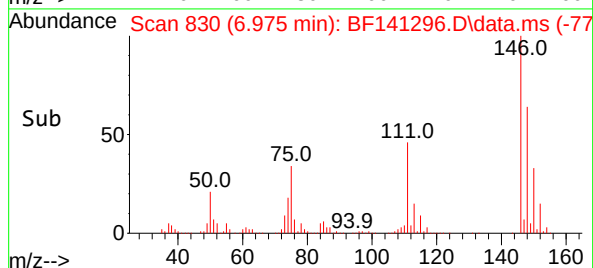
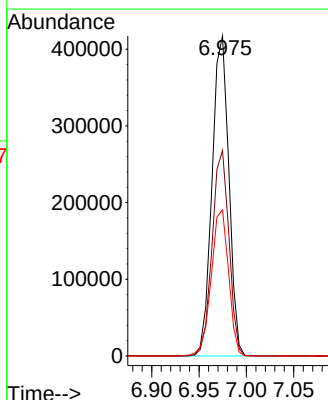
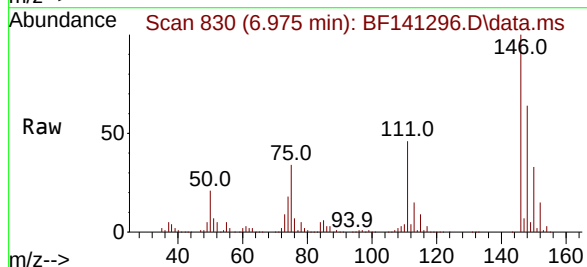
Tgt Ion:146 Resp: 513179

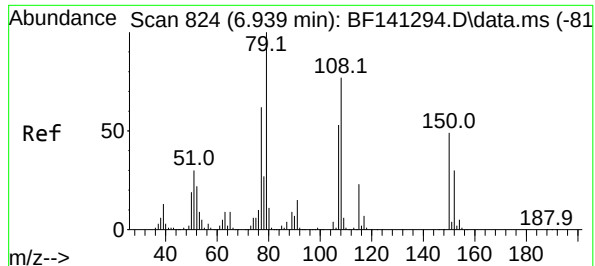
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

111 45.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 58.473 ng

RT: 6.945 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 42272

Ion Ratio Lower Upper

79 100

108 76.4 61.4 92.0

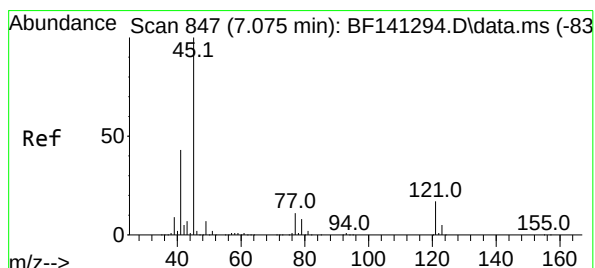
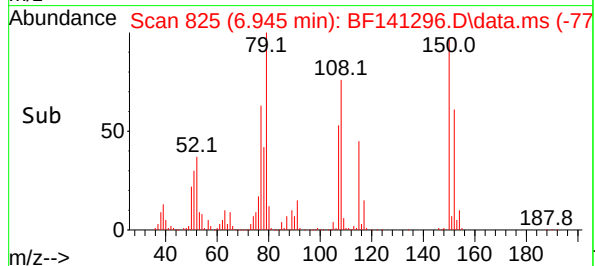
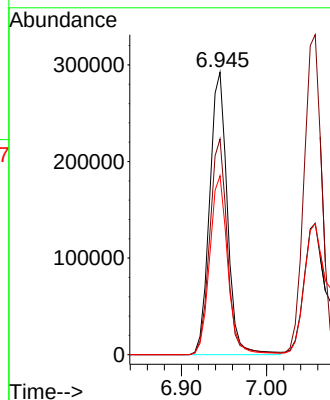
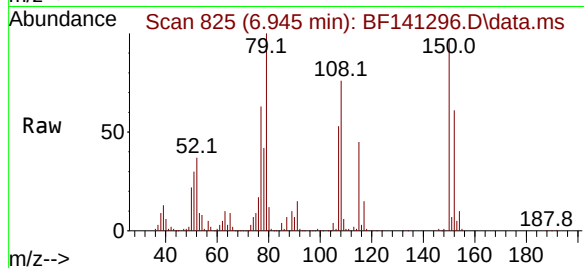
77 63.3 49.9 74.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.194 ng

RT: 7.081 min Scan# 848

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

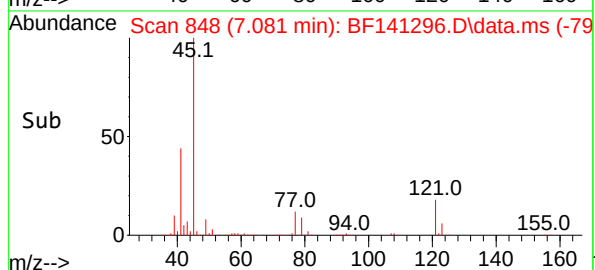
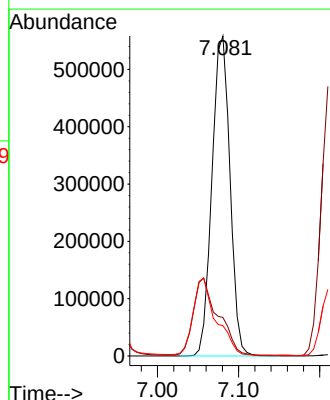
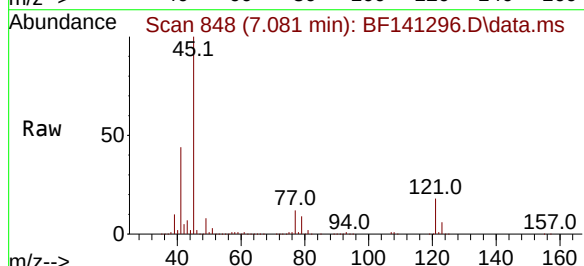
Tgt Ion: 45 Resp: 859130

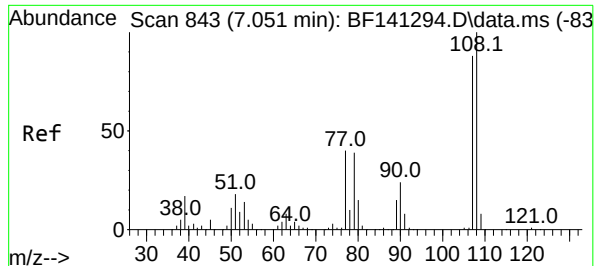
Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.8

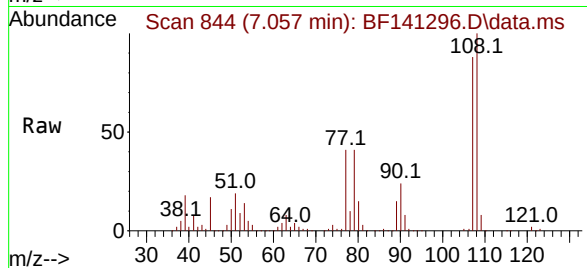
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 58.211 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

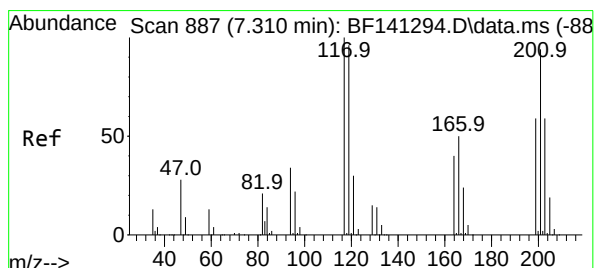
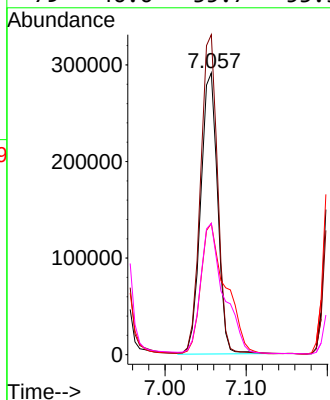
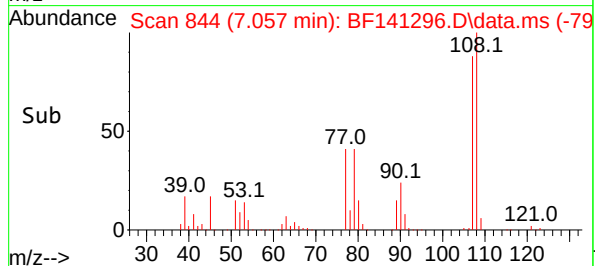
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



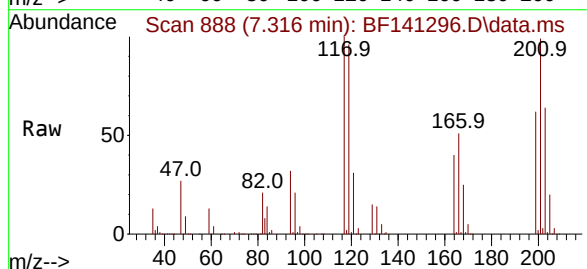
Tgt Ion:107 Resp: 42059
Ion Ratio Lower Upper
107 100
108 113.6 90.8 136.2
77 46.6 36.2 54.4
79 46.6 35.7 53.5

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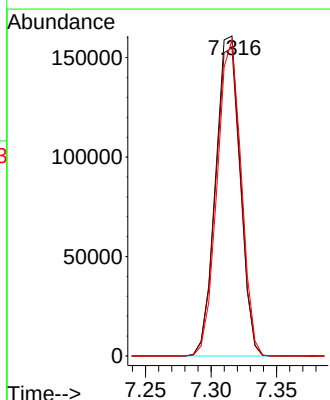
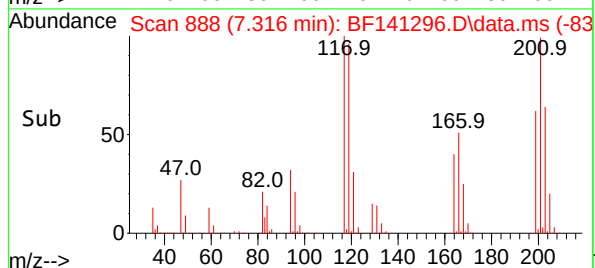
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

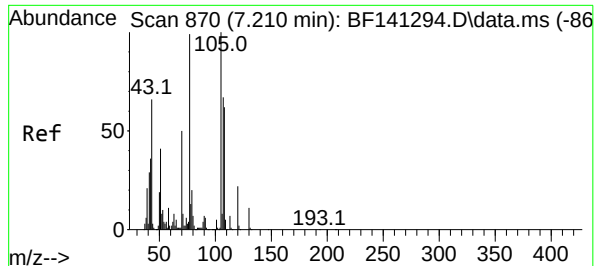


#18
Hexachloroethane
Concen: 57.649 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:117 Resp: 210746
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 98.8 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 56.162 ng

RT: 7.222 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141296.D

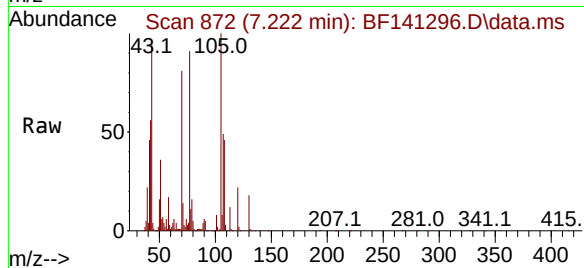
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 355030

Ion Ratio Lower Upper

70 100

42 68.3 56.8 85.2

101 10.0 7.7 11.5

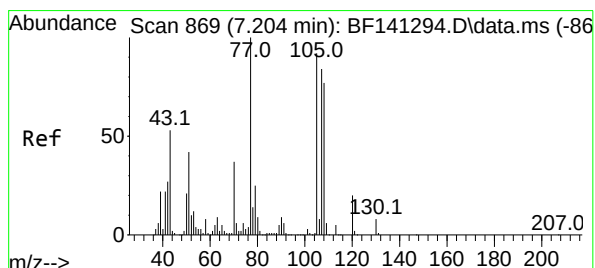
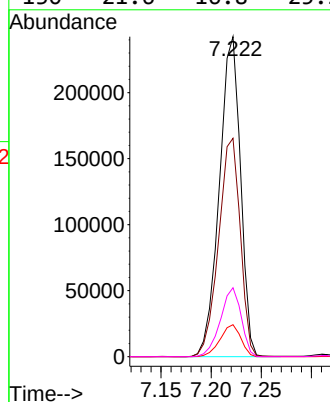
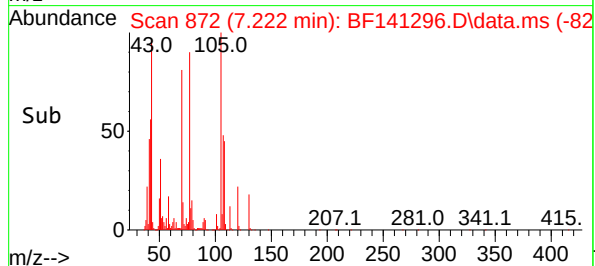
130 21.6 16.8 25.2

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

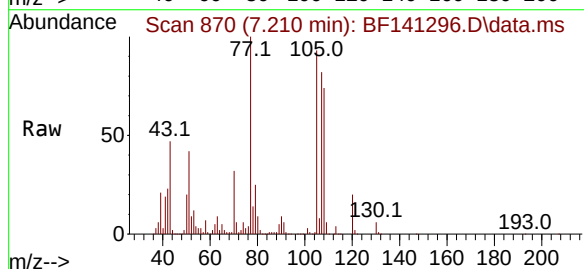
Concen: 54.781 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38



Tgt Ion:107 Resp: 496888

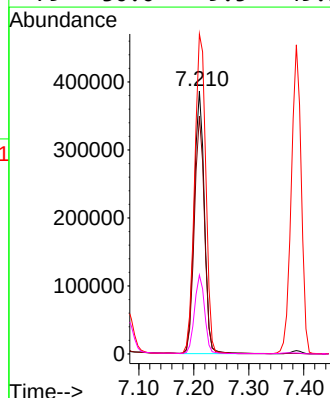
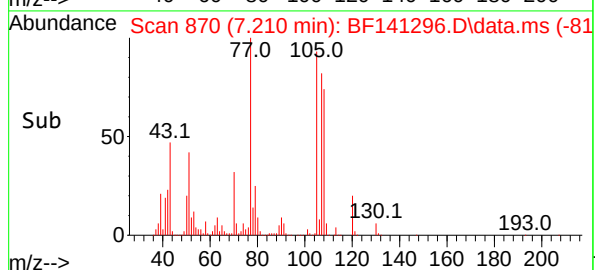
Ion Ratio Lower Upper

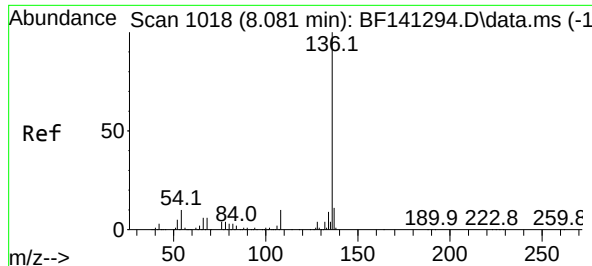
107 100

108 90.4 70.9 110.9

77 121.7 98.5 138.5

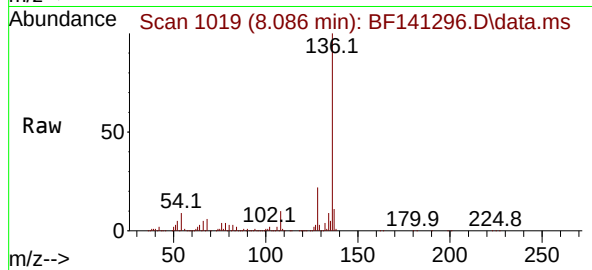
79 30.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

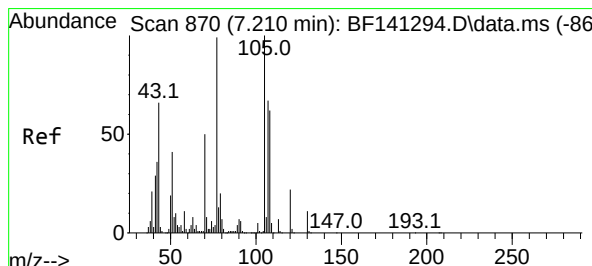
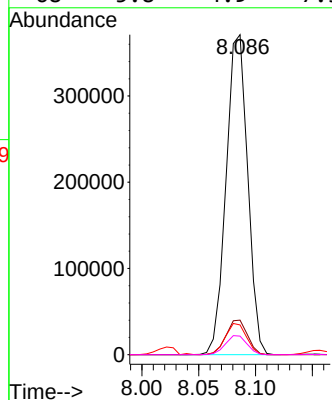
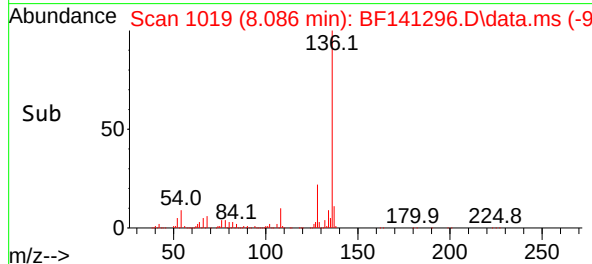
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 490777
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.8 11.8
68 5.8 4.9 7.3

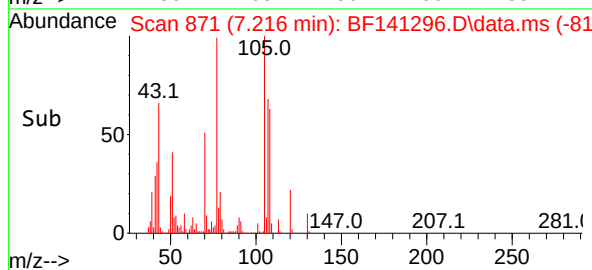
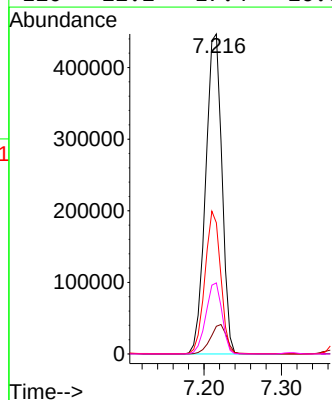
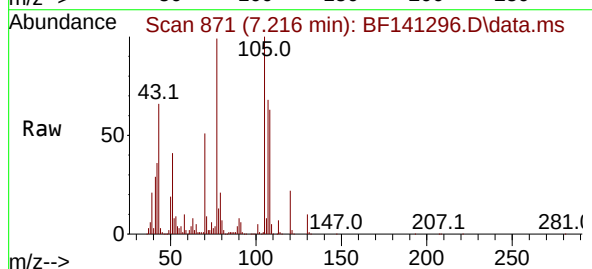
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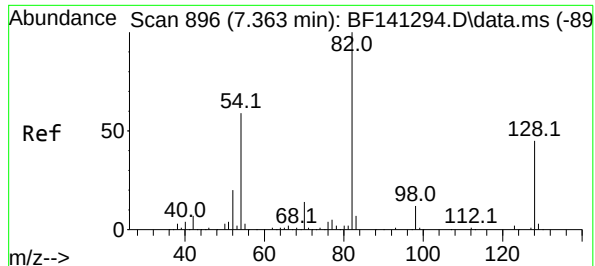
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 53.679 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:105 Resp: 651575
Ion Ratio Lower Upper
105 100
71 8.6 6.8 10.2
51 41.0 32.6 49.0
120 22.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 115.711 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 109819

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

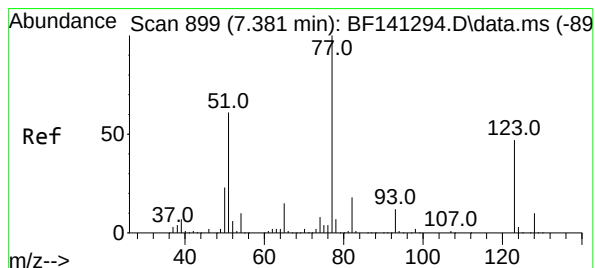
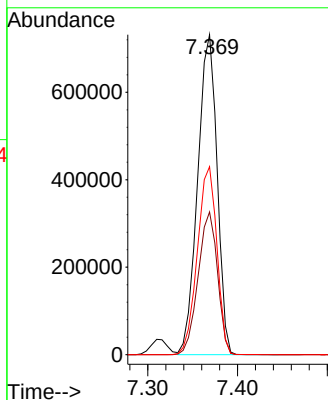
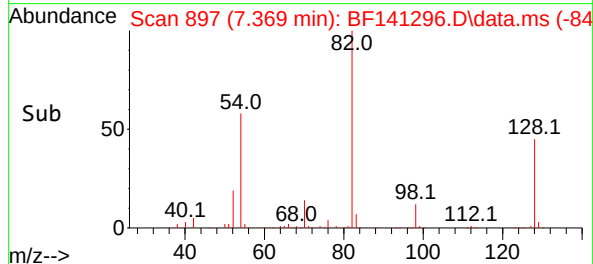
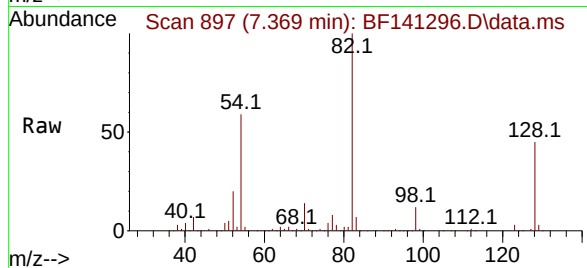
54 58.7 47.1 70.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 58.138 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

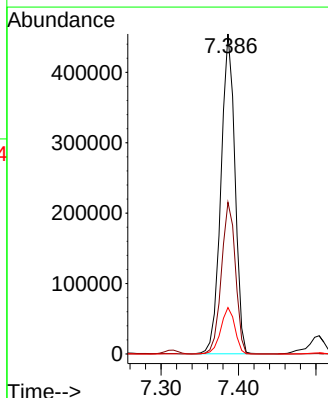
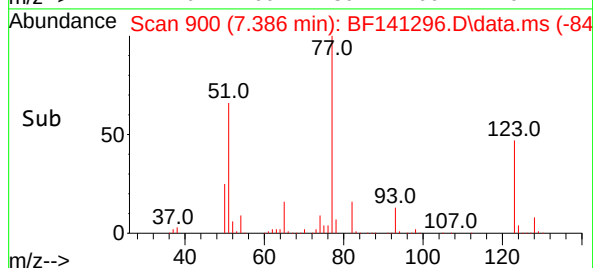
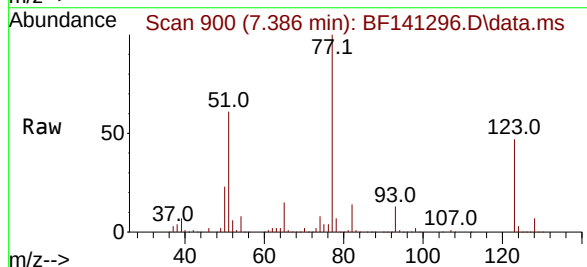
Tgt Ion: 77 Resp: 572234

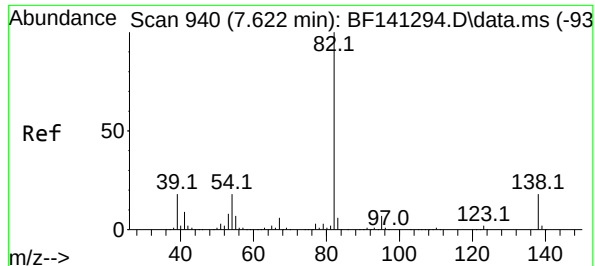
Ion Ratio Lower Upper

77 100

123 47.4 37.3 55.9

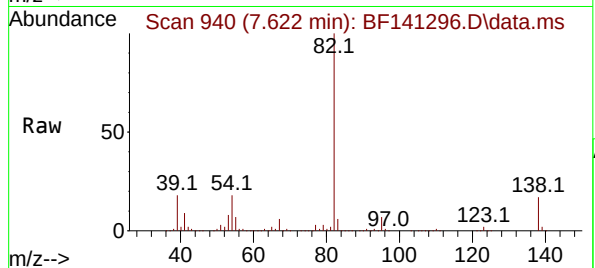
65 14.5 11.8 17.6





#25
Isophorone
Concen: 58.383 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

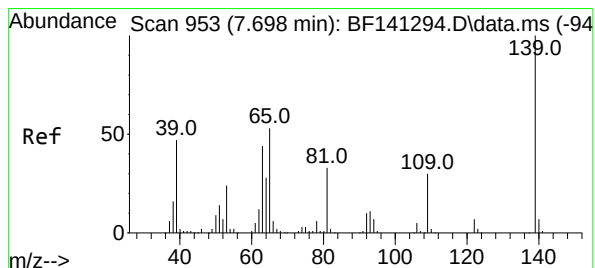
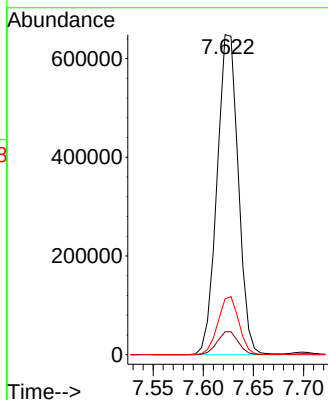
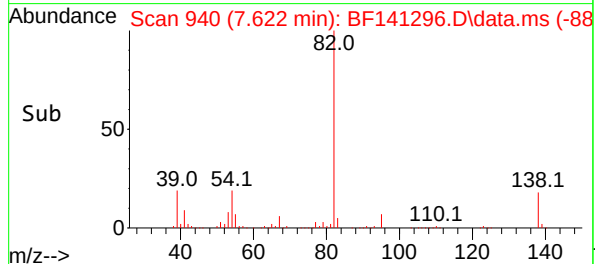
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 95367
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.5 14.7 22.1

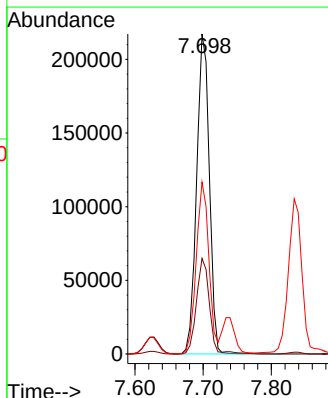
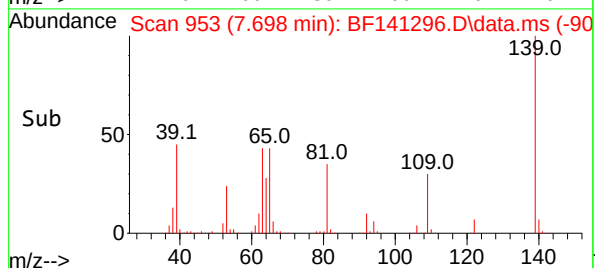
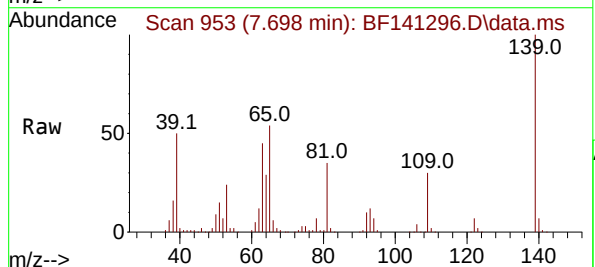
Manual Integrations
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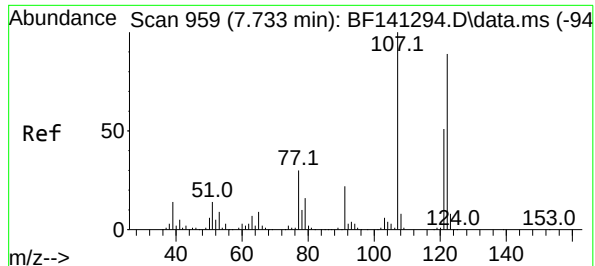
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 61.652 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 280785
Ion Ratio Lower Upper
139 100
109 29.9 23.8 35.6
65 53.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 60.006 ng m

RT: 7.739 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 350784

Ion Ratio Lower Upper

122 100

107 110.7 89.9 134.9

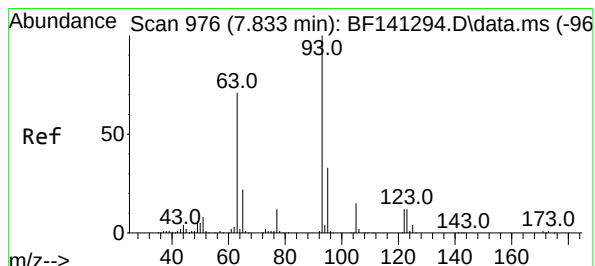
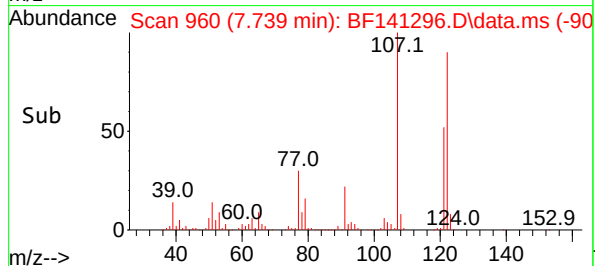
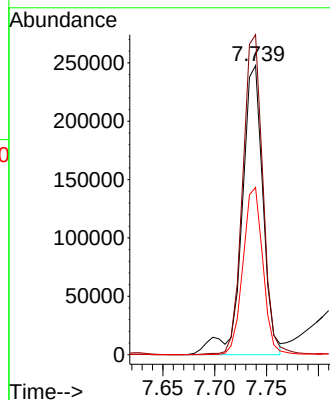
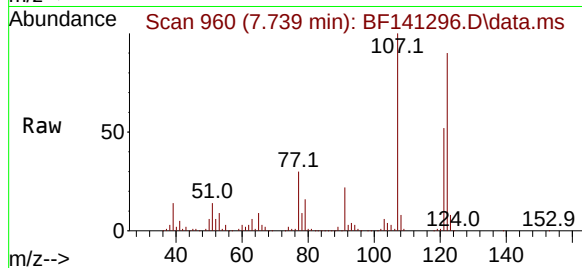
121 57.8 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 57.853 ng

RT: 7.833 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

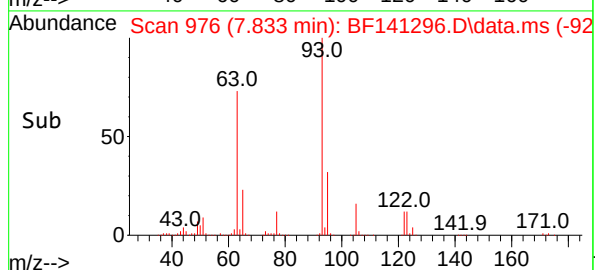
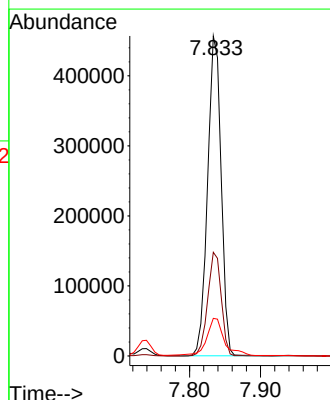
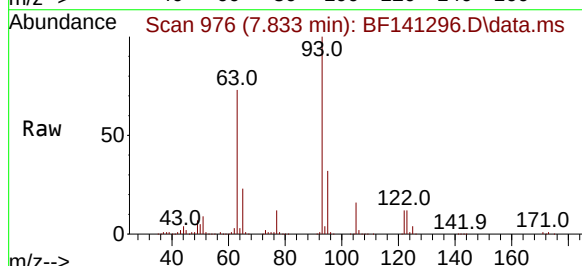
Tgt Ion: 93 Resp: 605644

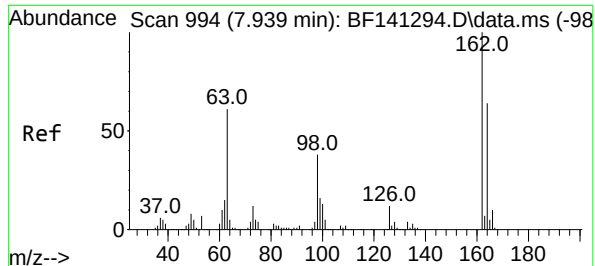
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 58.315 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

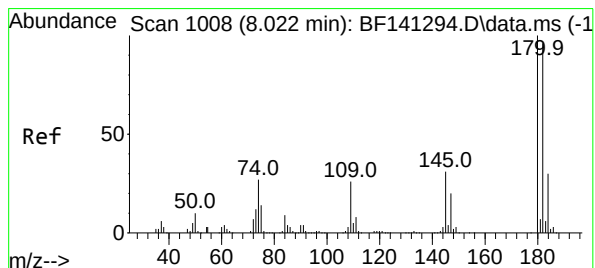
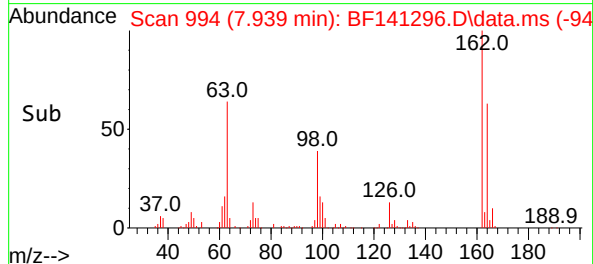
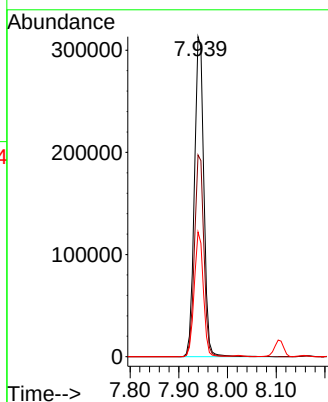
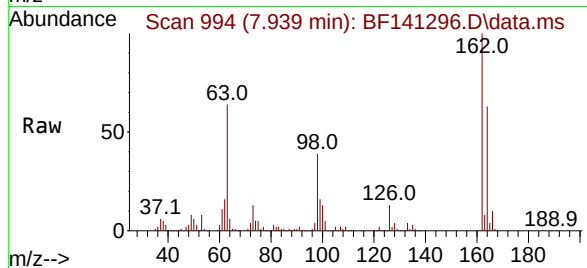
SSTDICC060

Tgt Ion:162 Resp: 421748
Ion Ratio Lower Upper
162 100
164 63.0 44.2 84.2
98 38.9 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 55.787 ng

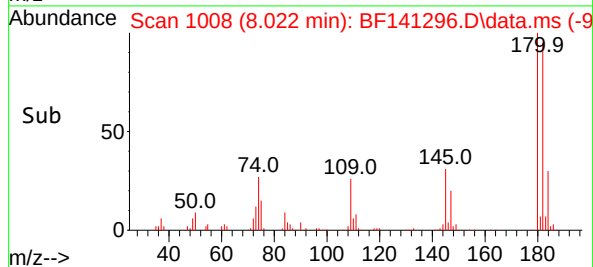
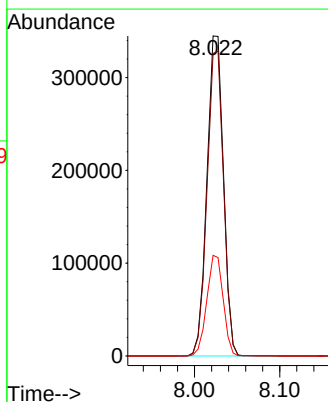
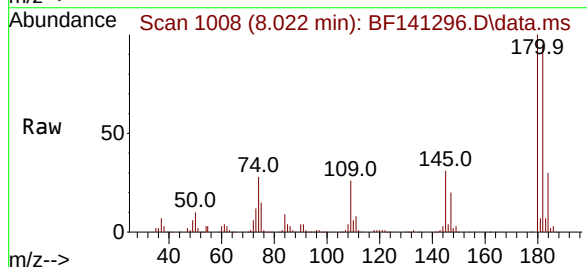
RT: 8.022 min Scan# 1008

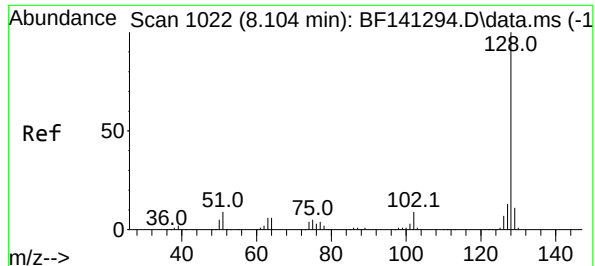
Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

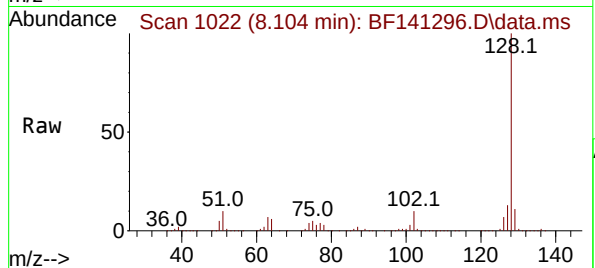
Tgt Ion:180 Resp: 465841
Ion Ratio Lower Upper
180 100
182 94.5 76.4 114.6
145 31.4 24.9 37.3





#31
Naphthalene
Concen: 54.933 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

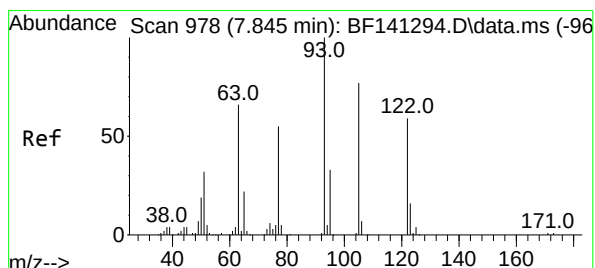
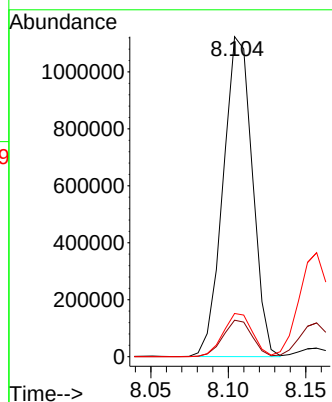
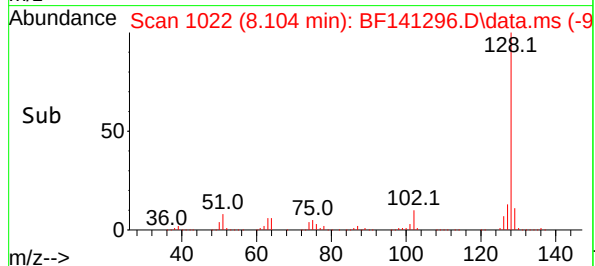
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 1475900
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 10.6 15.8

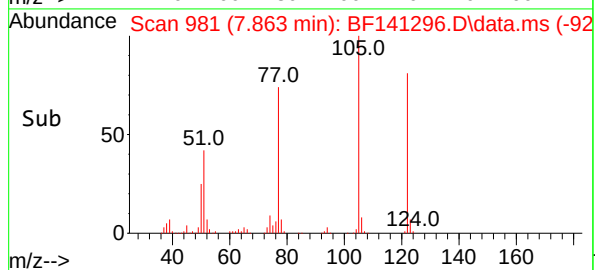
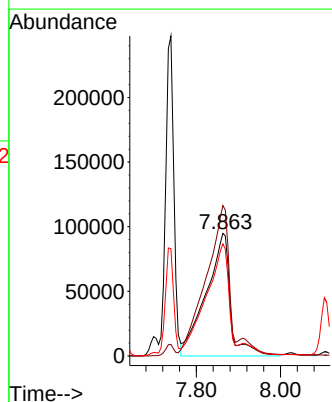
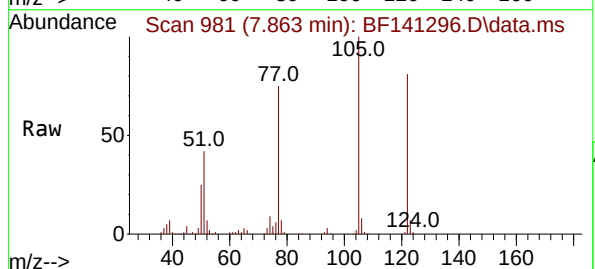
Manual Integrations
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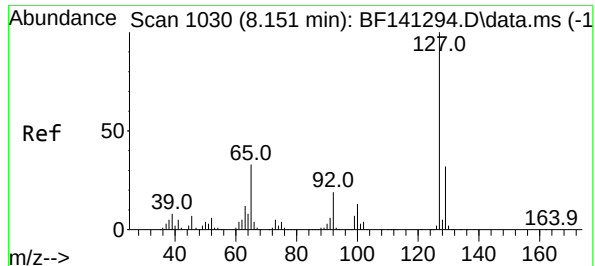
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 76.193 ng m
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 380664
Ion Ratio Lower Upper
122 100
105 122.7 103.4 143.4
77 91.6 70.9 110.9





#33

4-Chloroaniline

Concen: 56.786 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:127 Resp: 513149

Ion Ratio Lower Upper

127 100

129 32.4 25.7 38.5

65 31.7 26.4 39.6

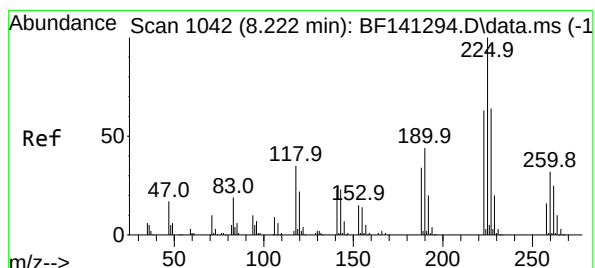
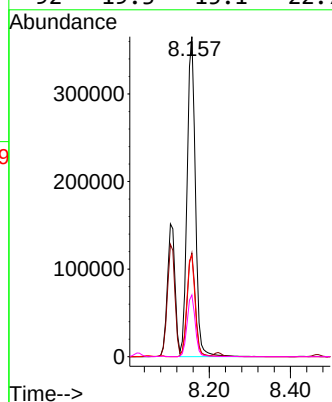
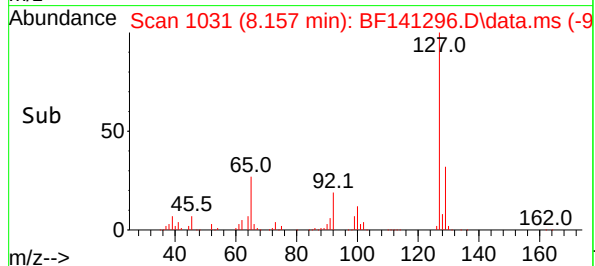
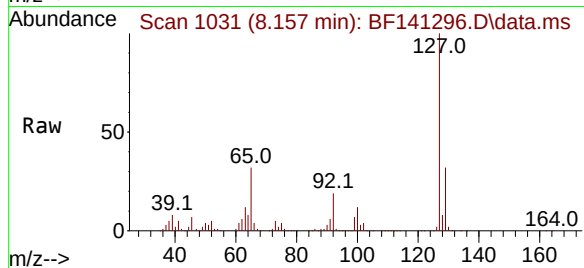
92 19.3 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#34

Hexachlorobutadiene

Concen: 56.533 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

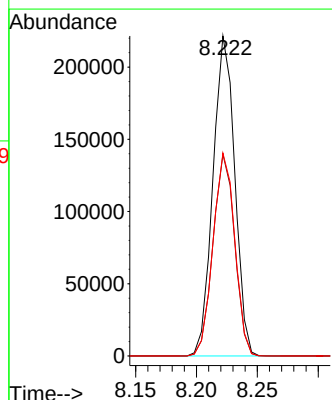
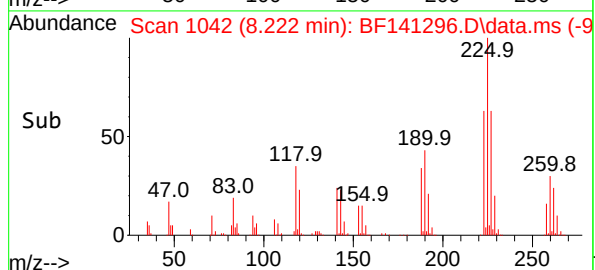
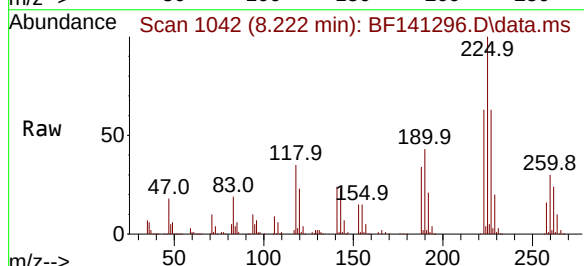
Tgt Ion:225 Resp: 275524

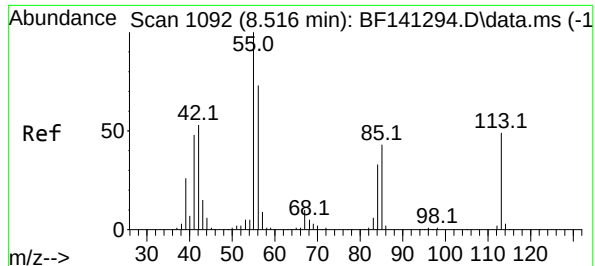
Ion Ratio Lower Upper

225 100

223 63.0 50.4 75.6

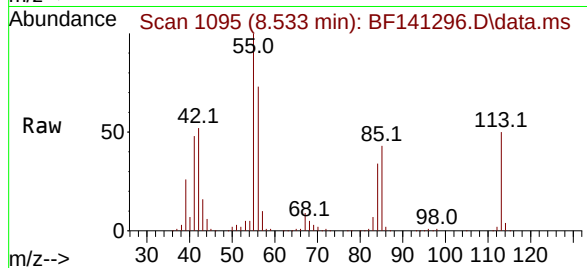
227 63.4 51.3 76.9





#35
Caprolactam
Concen: 60.337 ng
RT: 8.533 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

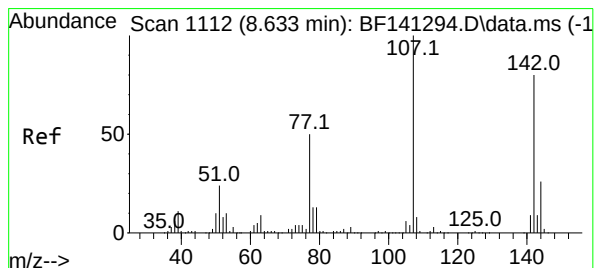
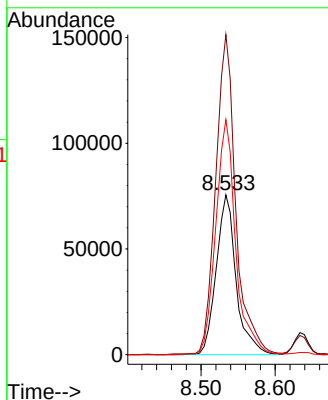
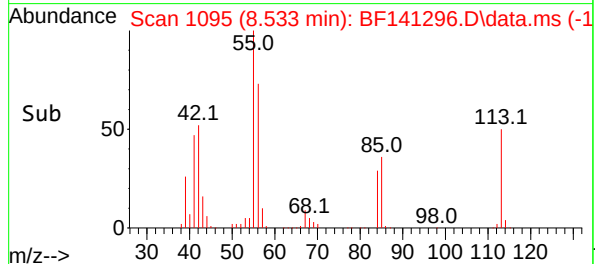
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 14102
Ion Ratio Lower Upper
113 100
55 200.2 182.9 222.9
56 147.0 127.9 167.9

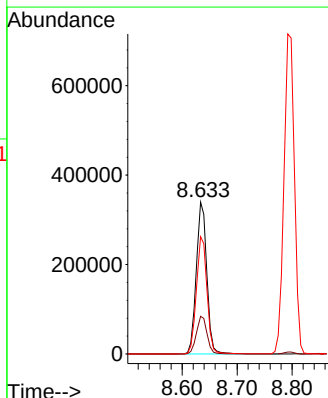
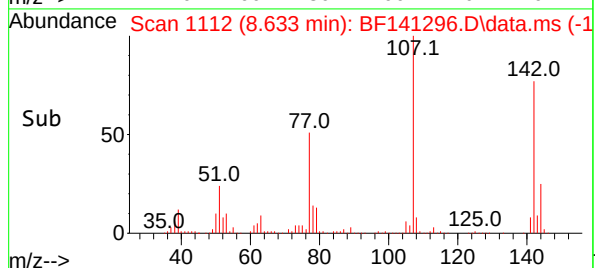
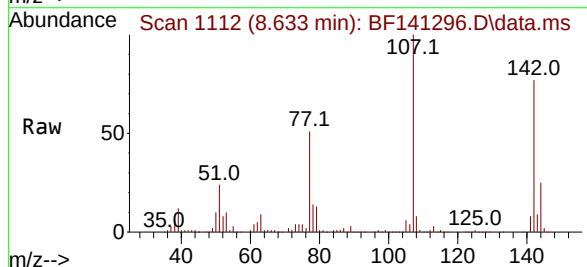
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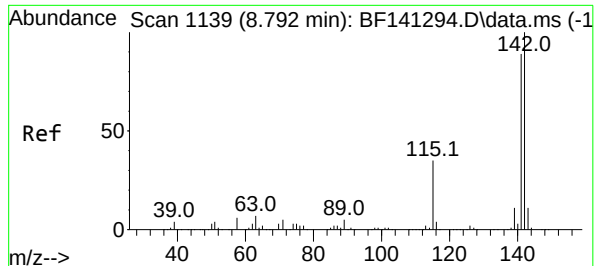
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#36
4-Chloro-3-methylphenol
Concen: 58.389 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 452438
Ion Ratio Lower Upper
107 100
144 24.8 20.7 31.1
142 77.2 63.8 95.8





#37

2-Methylnaphthalene

Concen: 55.126 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 94115

Ion Ratio Lower Upper

142 100

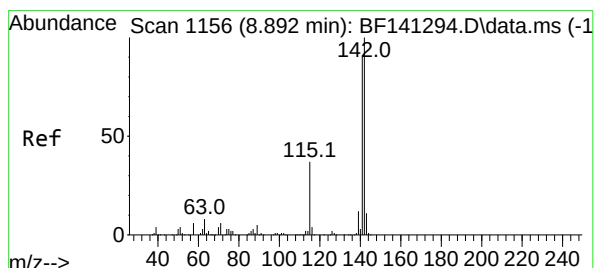
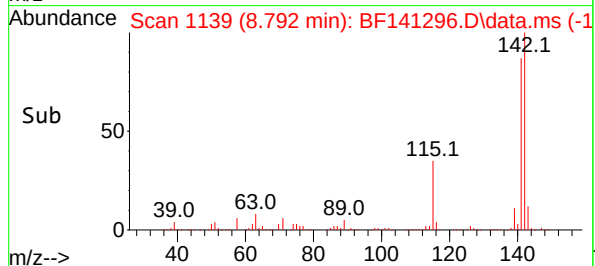
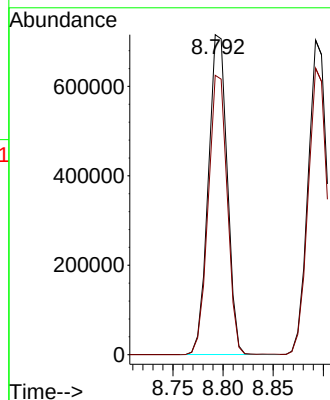
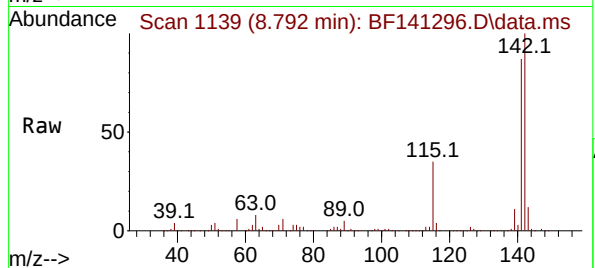
141 87.3 71.3 106.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#38

1-Methylnaphthalene

Concen: 54.632 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF141296.D

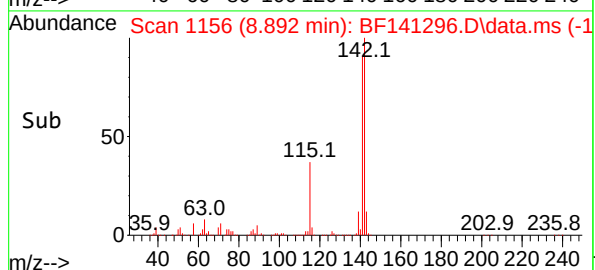
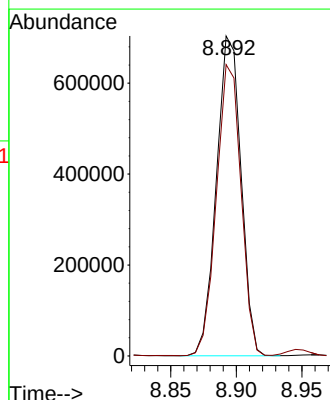
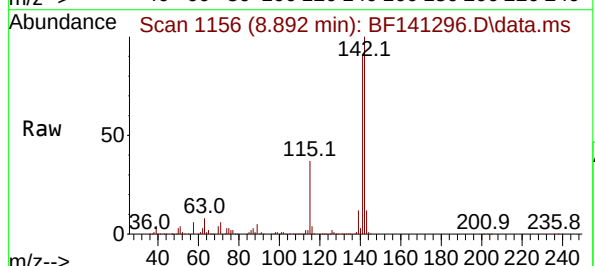
Acq: 29 Jan 2025 16:38

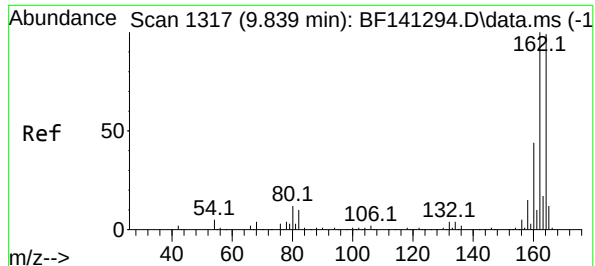
Tgt Ion:142 Resp: 917389

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF141296.D

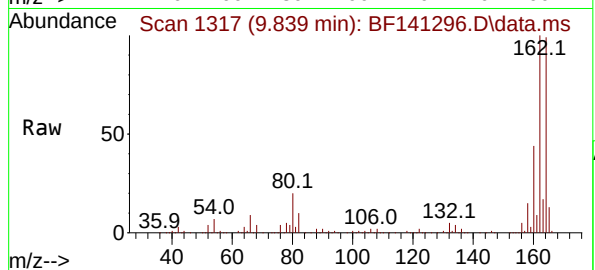
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:164 Resp: 260269

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

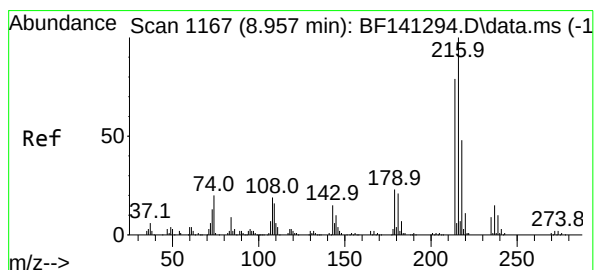
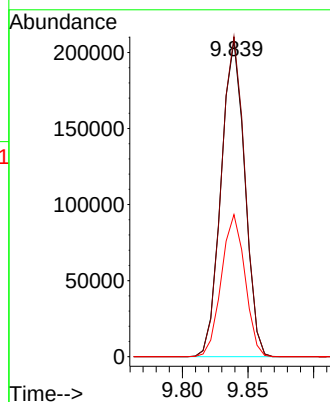
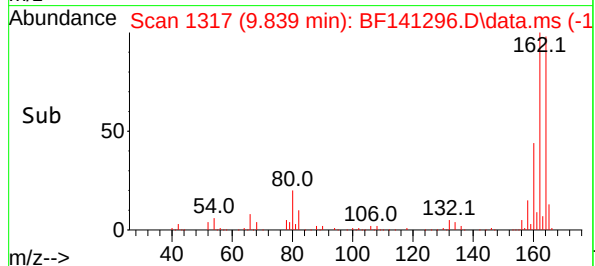
160 45.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.609 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Tgt Ion:216 Resp: 430239

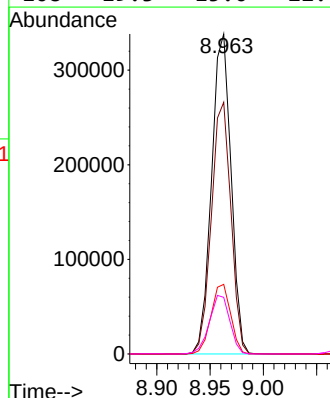
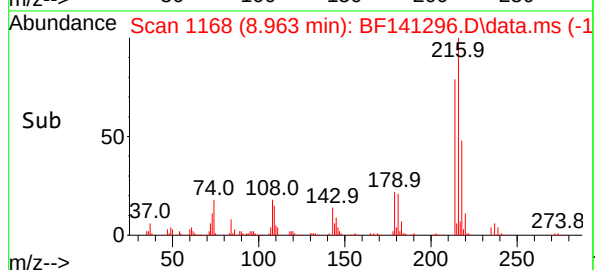
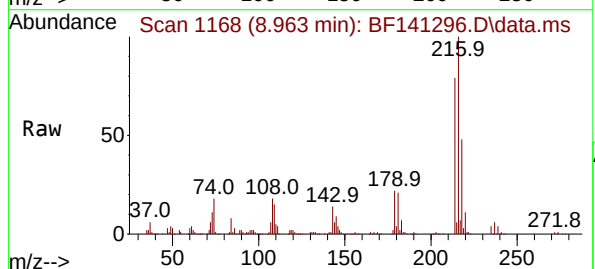
Ion Ratio Lower Upper

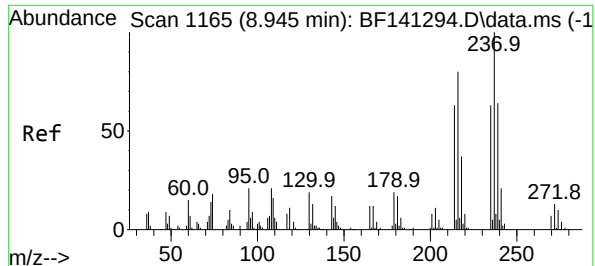
216 100

214 78.9 63.2 94.8

179 22.0 17.8 26.8

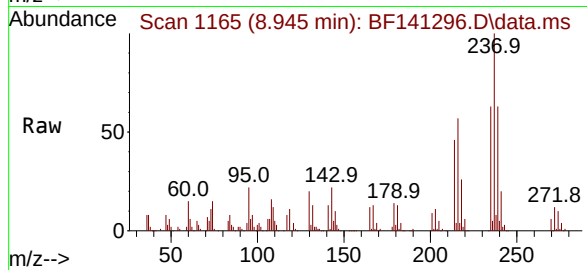
108 19.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 66.154 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

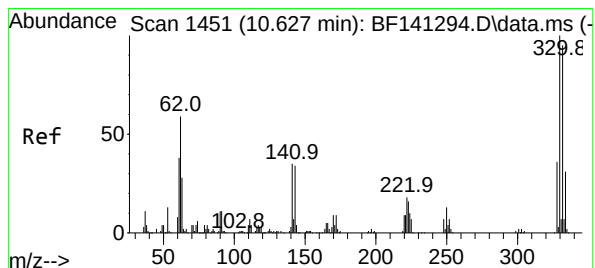
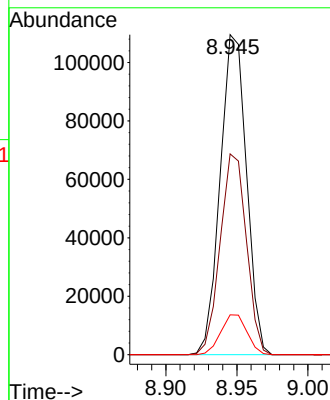
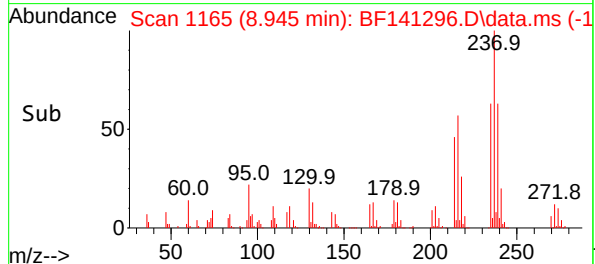
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 237 Resp: 14138
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.5 0.0 32.8

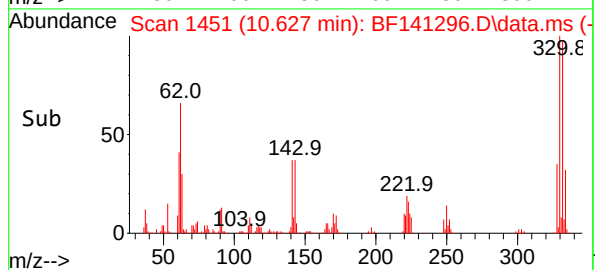
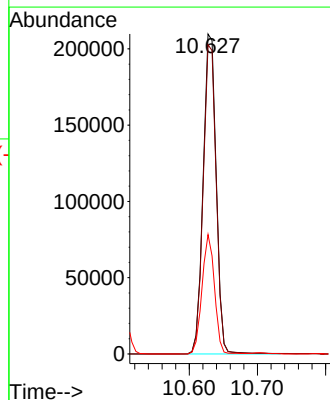
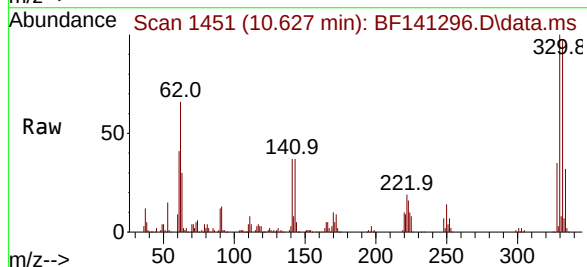
Manual Integrations
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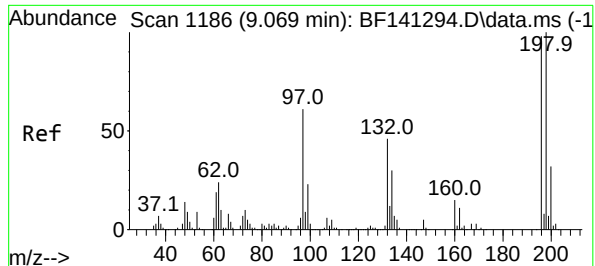
Reviewed By : Yogesh Patel 01/30/2025
Supervised By : mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 113.824 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 330 Resp: 279105
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.8 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 58.588 ng

RT: 9.075 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF141296.D

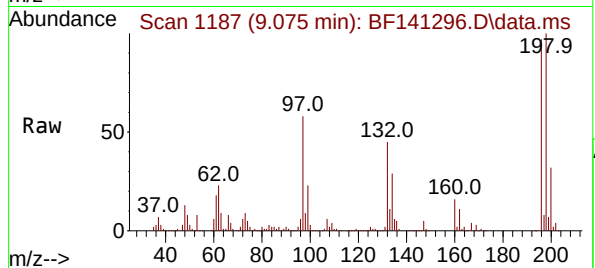
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 288290

Ion Ratio Lower Upper

196 100

198 102.9 81.8 122.6

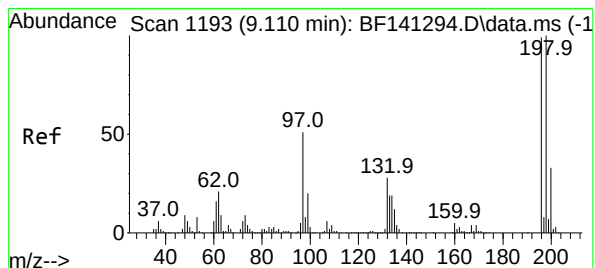
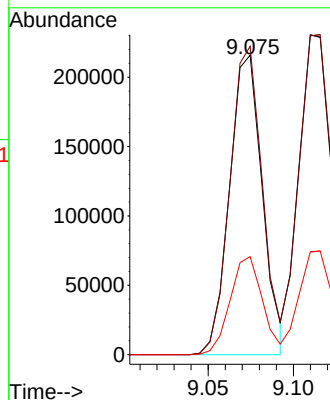
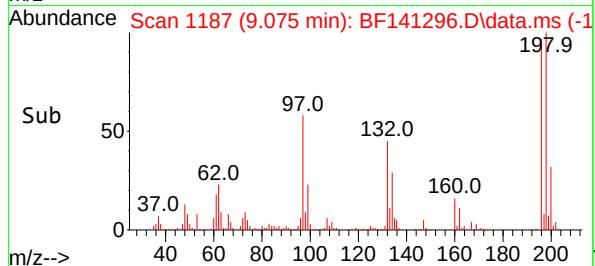
200 32.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#44

2,4,5-Trichlorophenol

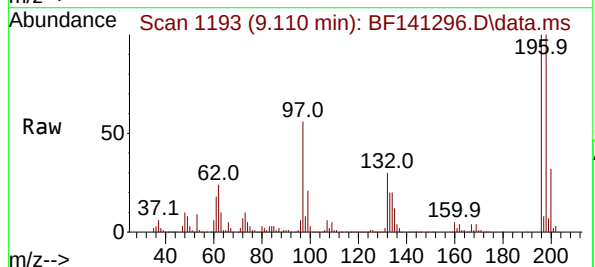
Concen: 59.000 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38



Tgt Ion:196 Resp: 314912

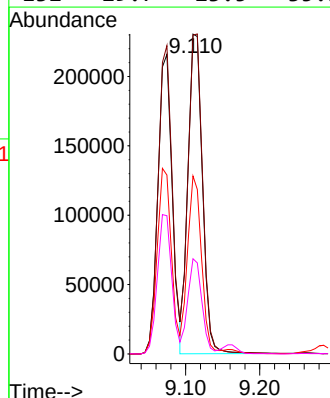
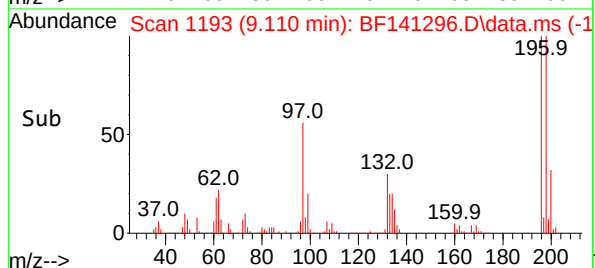
Ion Ratio Lower Upper

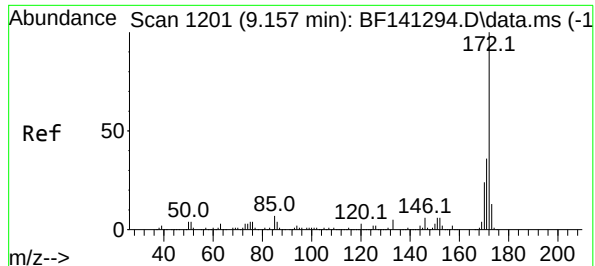
196 100

198 99.7 80.5 120.7

97 55.7 42.8 64.2

132 29.7 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 102.411 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 182437

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

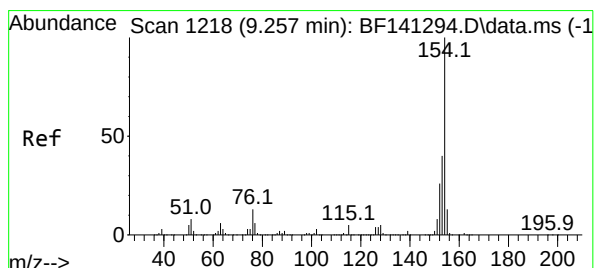
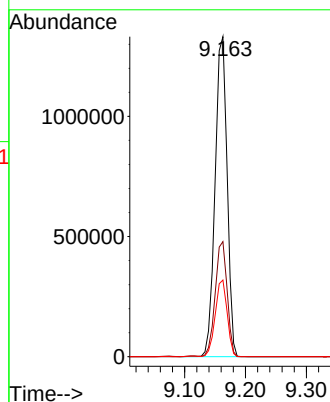
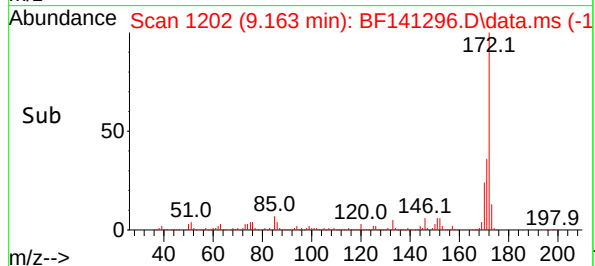
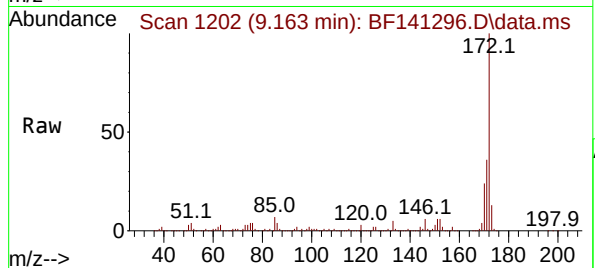
170 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#46

1,1'-Biphenyl

Concen: 54.084 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

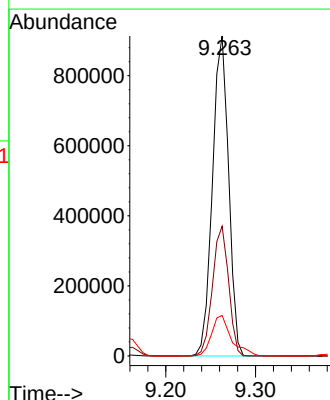
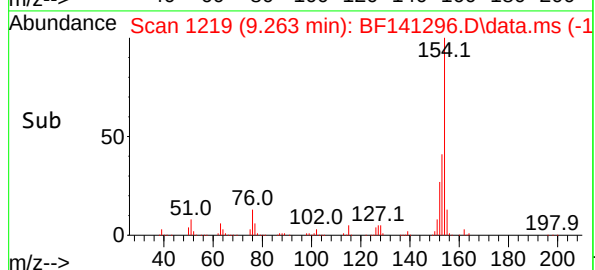
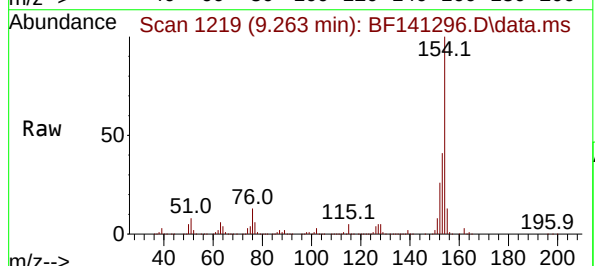
Tgt Ion:154 Resp: 1139946

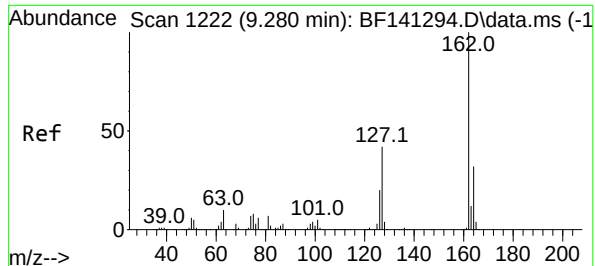
Ion Ratio Lower Upper

154 100

153 40.6 20.0 60.0

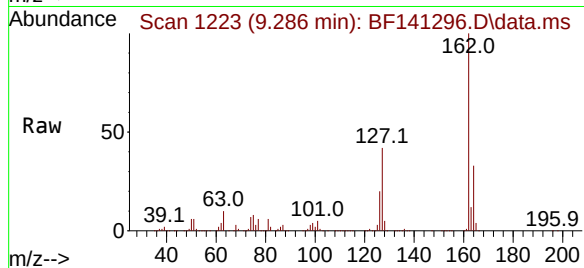
76 12.7 0.0 32.8





#47
2-Chloronaphthalene
Concen: 55.247 ng
RT: 9.286 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

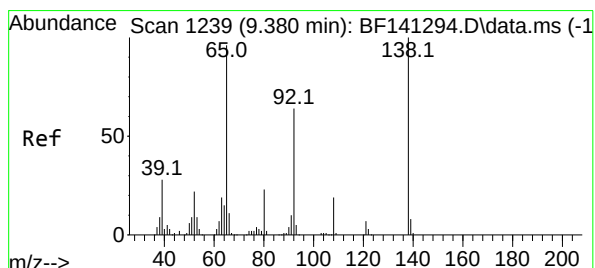
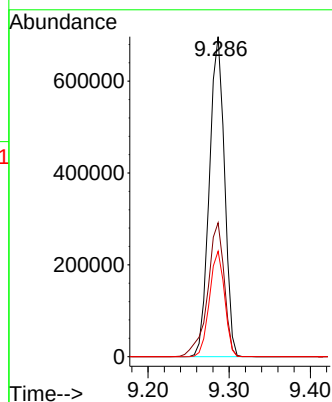
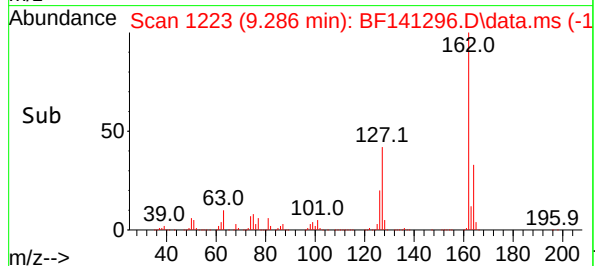
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:162 Resp: 90256
Ion Ratio Lower Upper
162 100
127 41.8 33.7 50.5
164 33.0 25.9 38.9

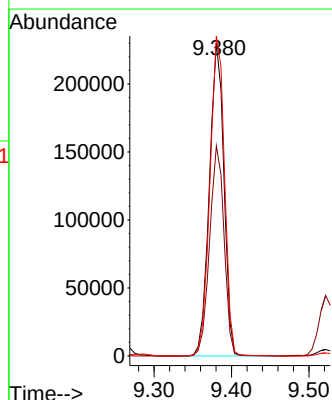
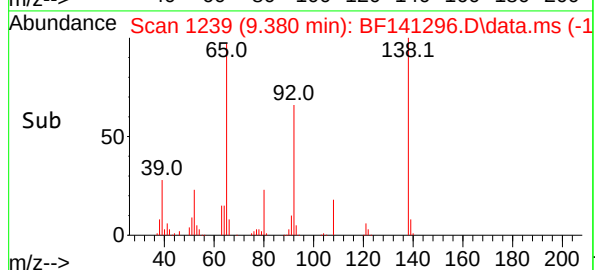
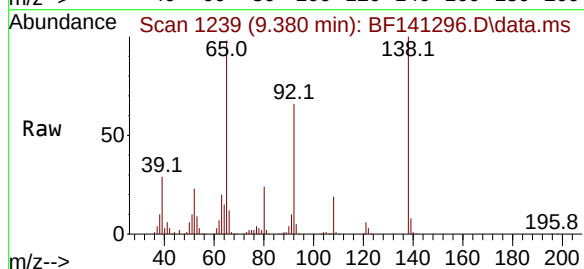
Manual Integrations
APPROVED

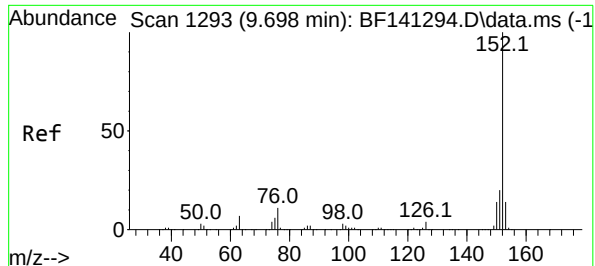
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 59.861 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 65 Resp: 300339
Ion Ratio Lower Upper
65 100
92 67.1 53.3 79.9
138 102.3 83.6 125.4





#49

Acenaphthylene

Concen: 54.924 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF141296.D

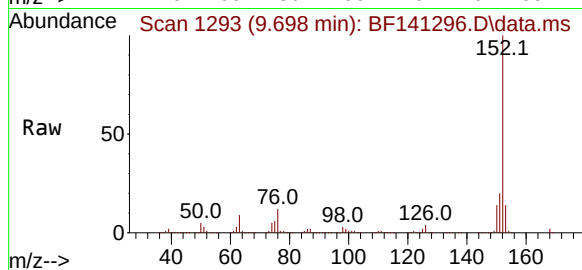
Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



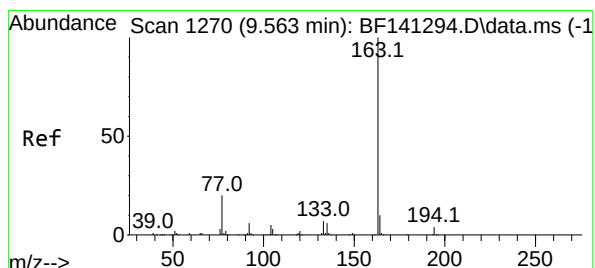
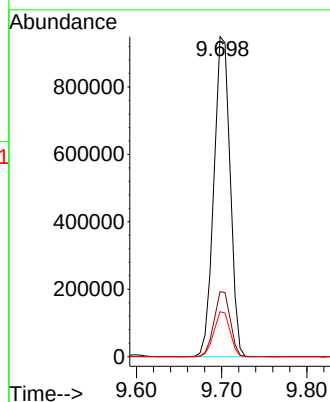
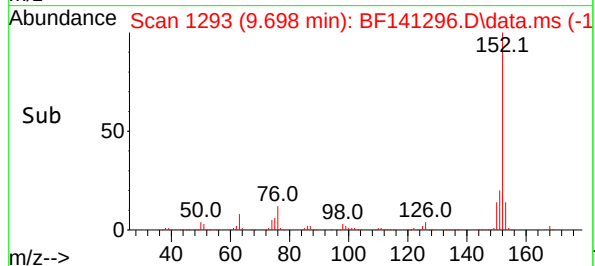
Tgt Ion:152 Resp: 125873

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.1	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#50

Dimethylphthalate

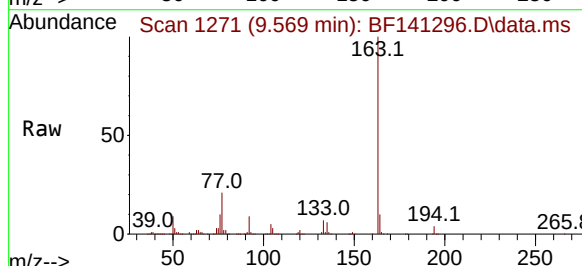
Concen: 56.075 ng

RT: 9.569 min Scan# 1271

Delta R.T. 0.006 min

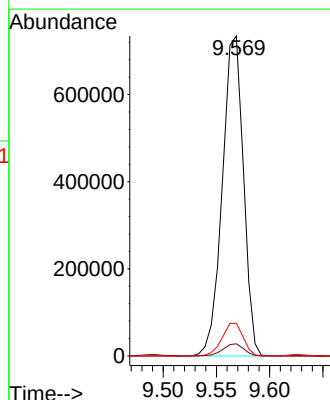
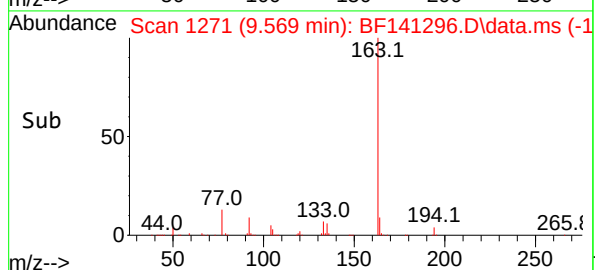
Lab File: BF141296.D

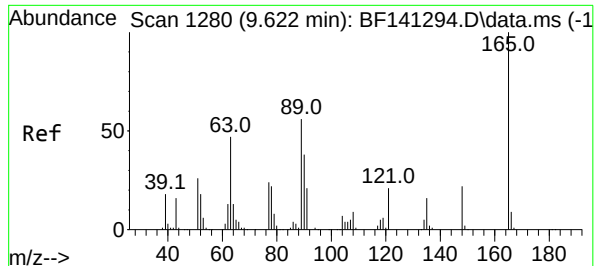
Acq: 29 Jan 2025 16:38



Tgt Ion:163 Resp: 1012298

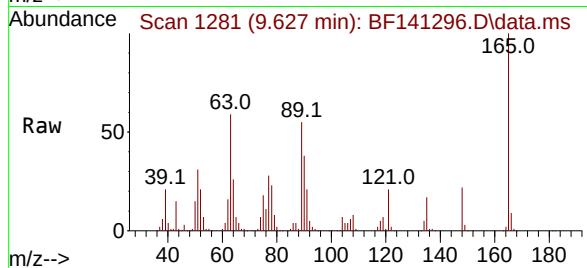
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 58.050 ng
RT: 9.627 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

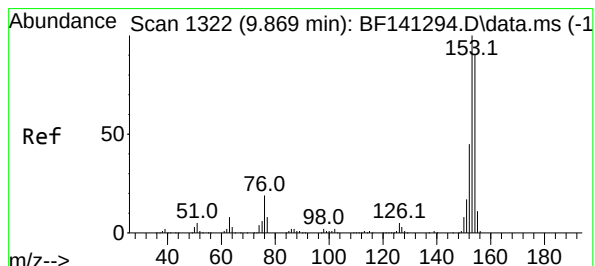
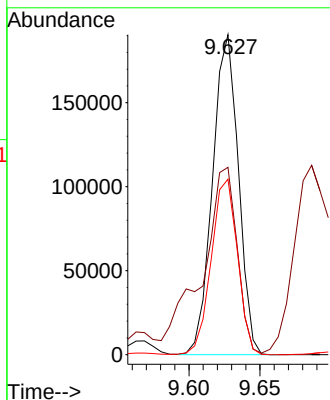
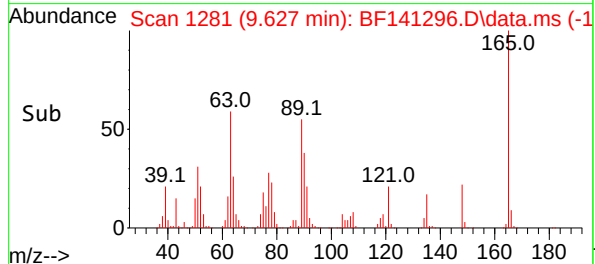
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 24124
Ion Ratio Lower Upper
165 100
63 58.5 48.1 72.1
89 54.8 44.9 67.3

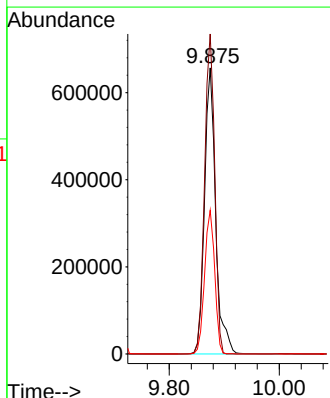
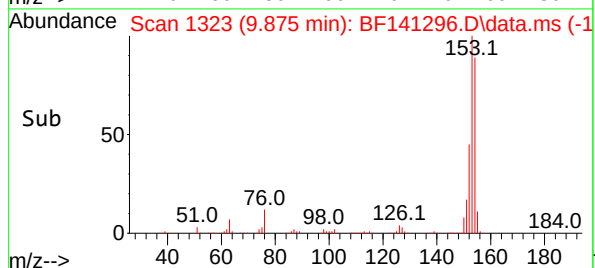
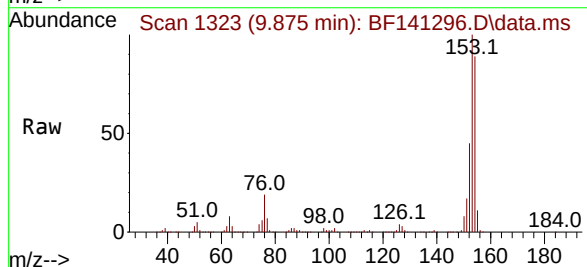
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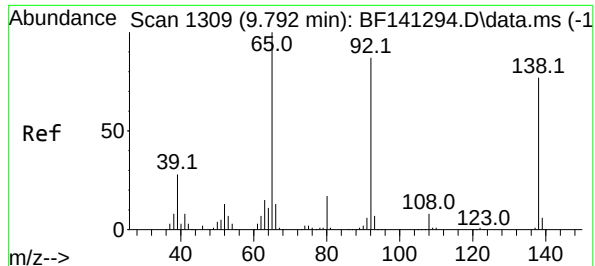
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 56.639 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

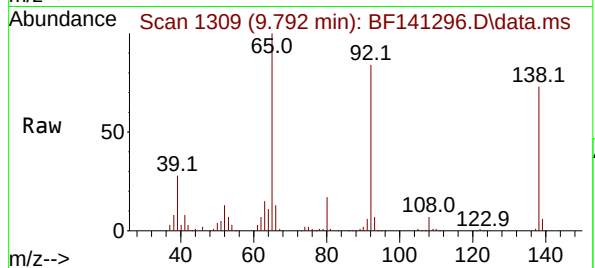
Tgt Ion:154 Resp: 921519
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.2 40.2 60.4





#53
3-Nitroaniline
Concen: 56.245 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

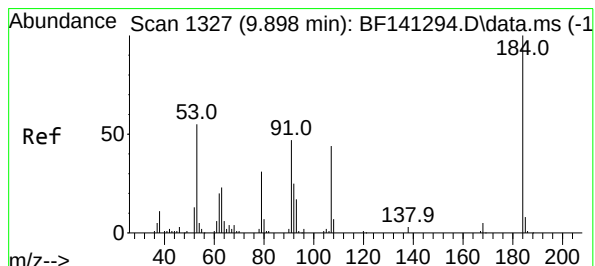
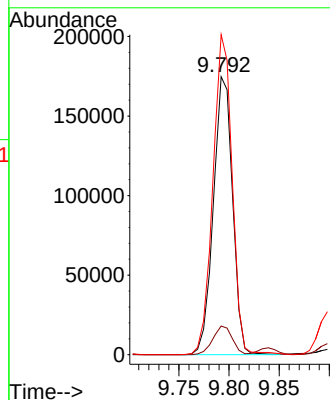
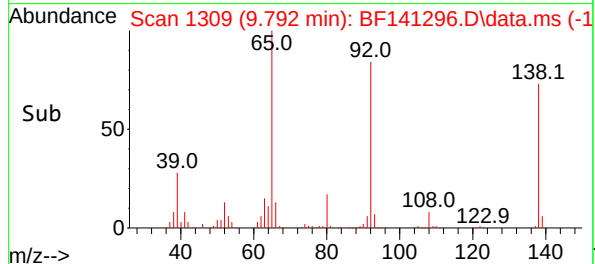
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 232680
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 115.2 91.0 136.6

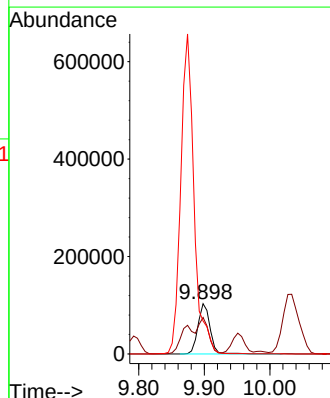
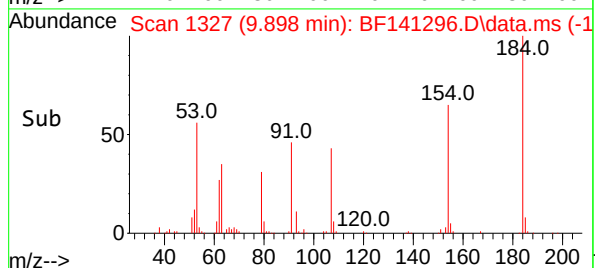
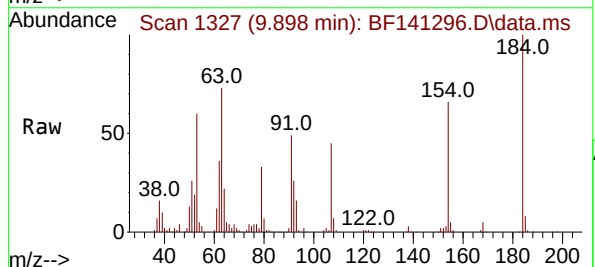
Manual Integrations
APPROVED

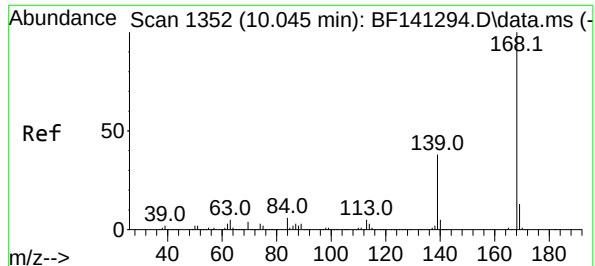
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 84.109 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:184 Resp: 132244
Ion Ratio Lower Upper
184 100
63 72.8 54.1 81.1
154 65.5 50.7 76.1





#55

Dibenzenofuran

Concen: 54.629 ng

RT: 10.045 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 120202

Ion Ratio Lower Upper

168 100

139 38.8 30.6 46.0

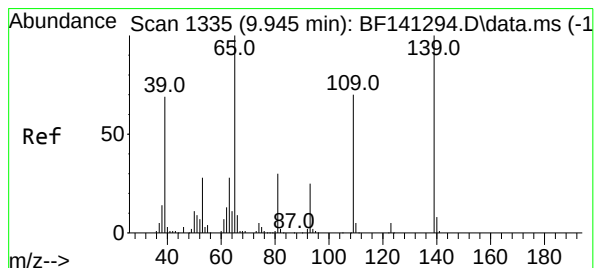
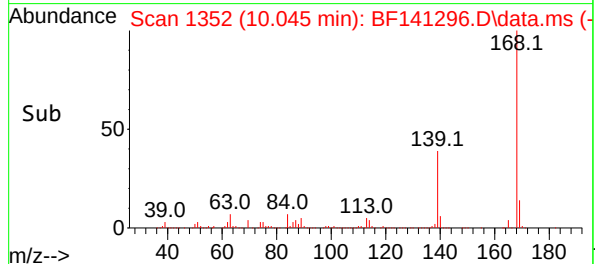
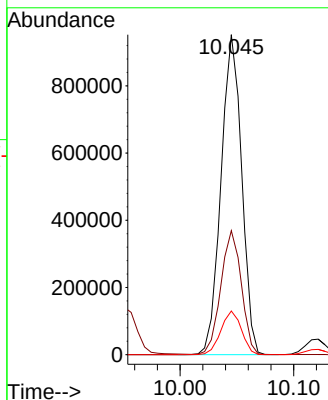
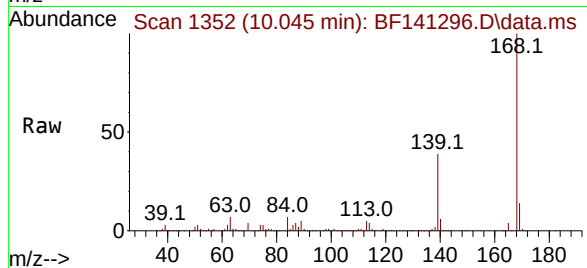
169 13.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#56

4-Nitrophenol

Concen: 66.120 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

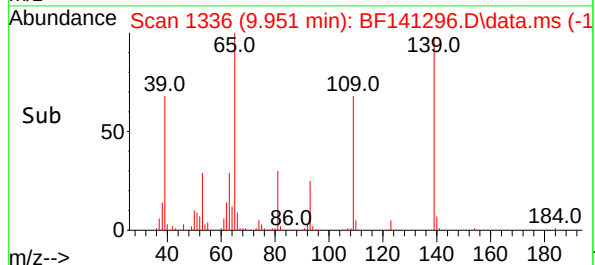
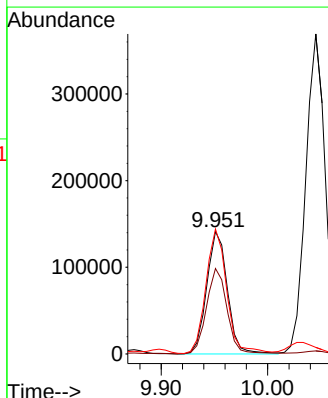
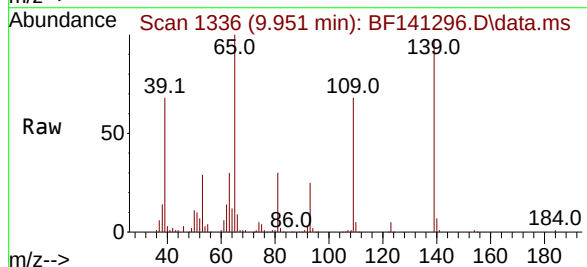
Tgt Ion:139 Resp: 190620

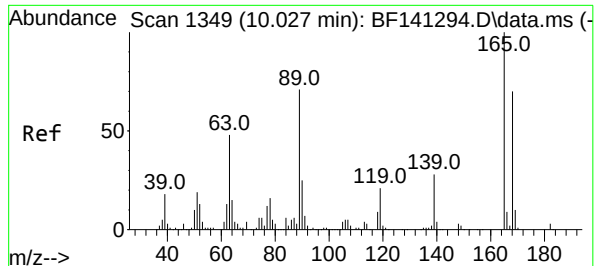
Ion Ratio Lower Upper

139 100

109 69.8 50.2 90.2

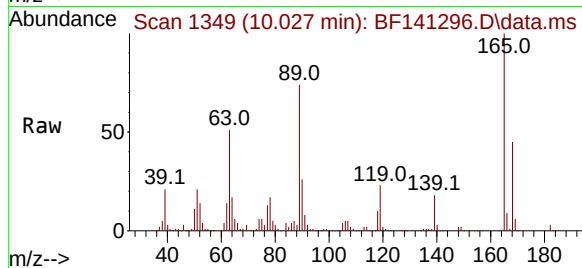
65 102.1 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 58.312 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

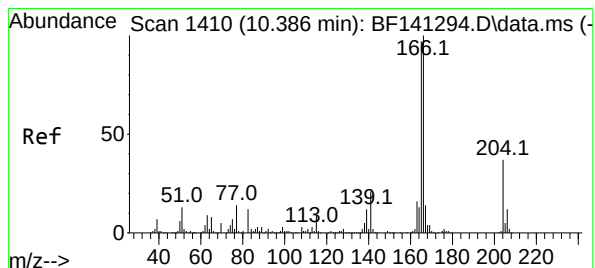
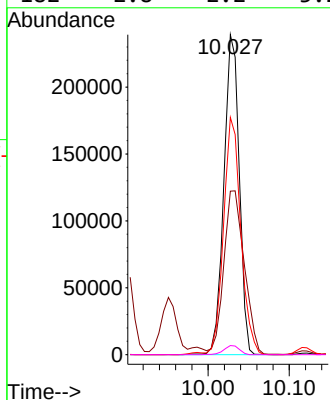
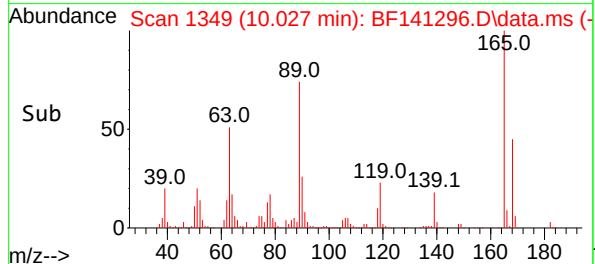
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



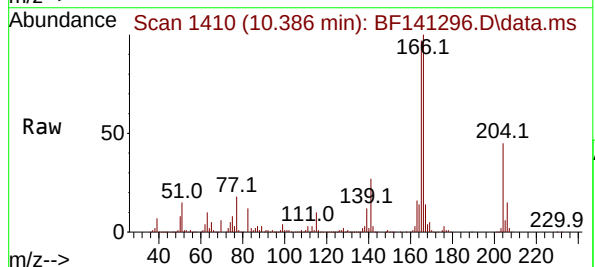
Tgt Ion:165 Resp: 31522
Ion Ratio Lower Upper
165 100
63 51.1 39.2 58.8
89 74.2 56.9 85.3
182 2.8 2.2 3.2

Manual Integrations
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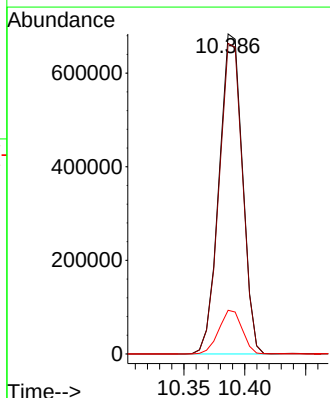
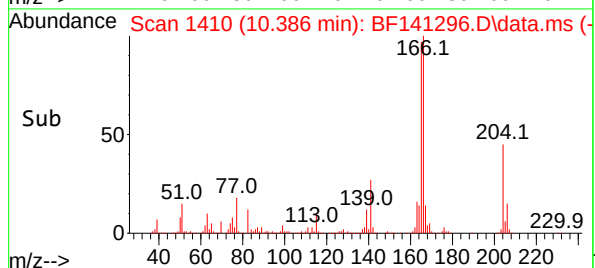
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

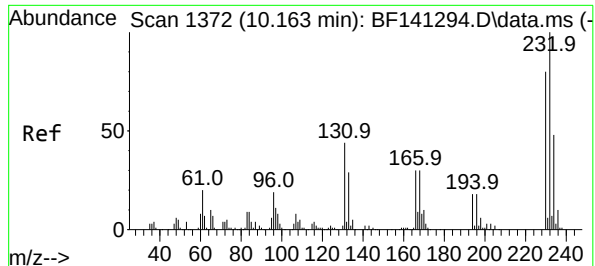


#58
Fluorene
Concen: 53.236 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



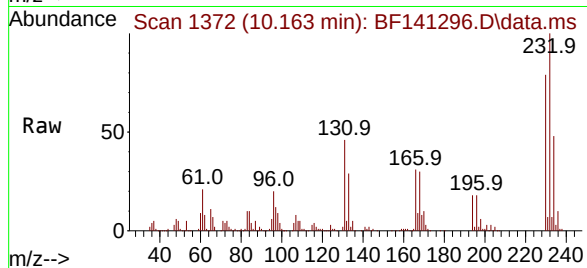
Tgt Ion:166 Resp: 915246
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.106 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

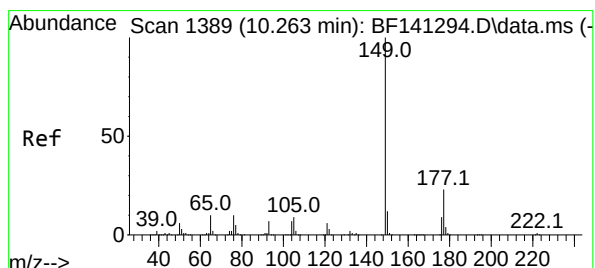
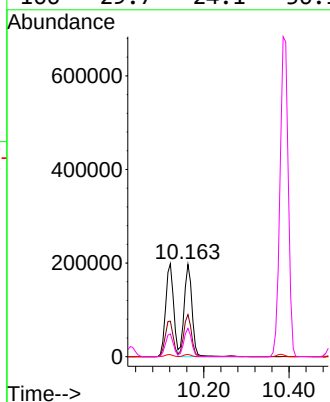
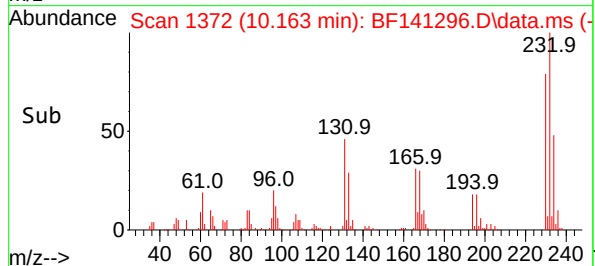
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 252964
Ion Ratio Lower Upper
232 100
131 45.3 36.4 54.6
130 2.3 1.9 2.9
166 29.7 24.1 36.1

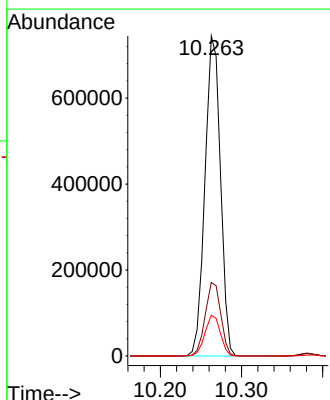
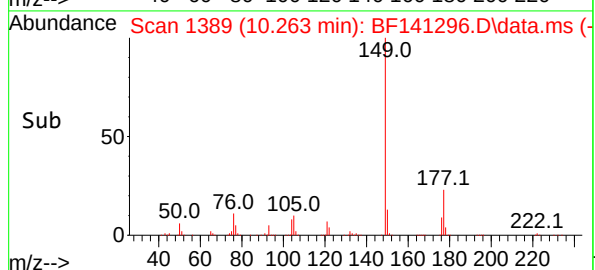
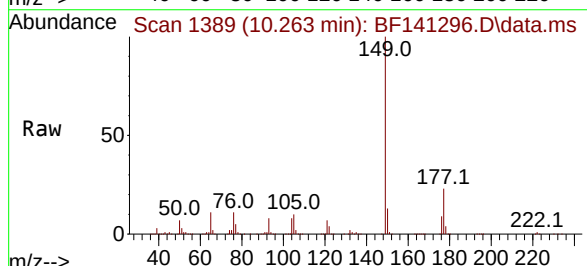
Manual Integrations
APPROVED

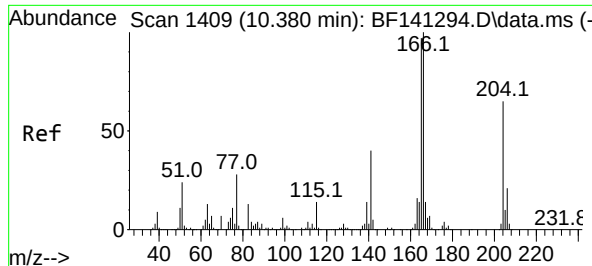
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 55.897 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

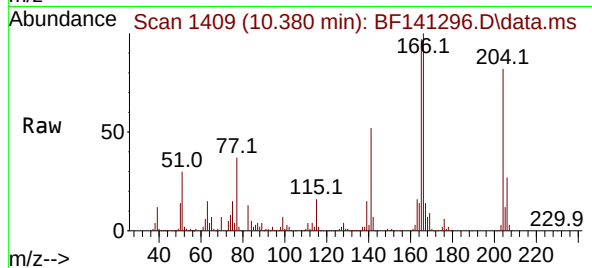
Tgt Ion:149 Resp: 983788
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 53.136 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

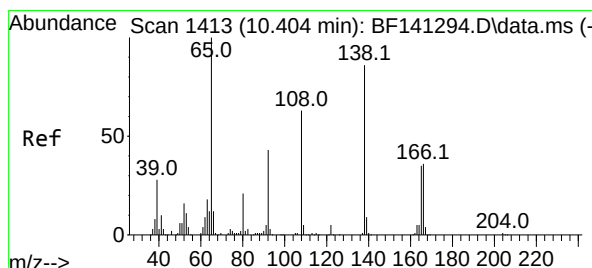
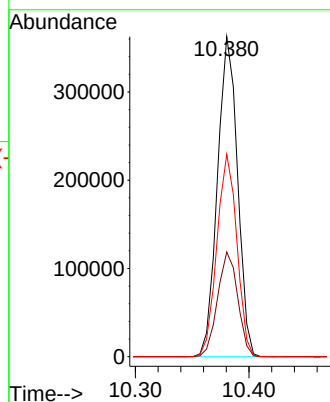
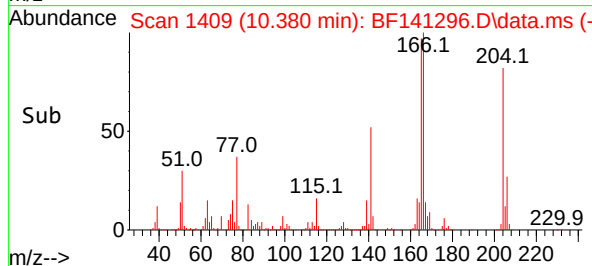
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



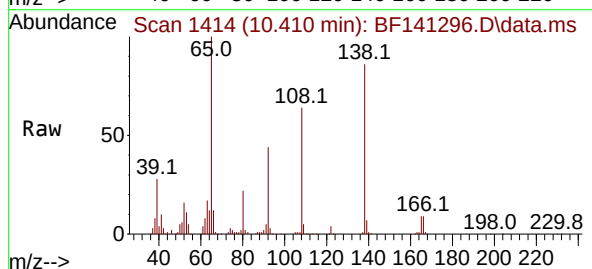
Tgt Ion:204 Resp: 44584
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 63.2 49.5 74.3

Manual Integrations
APPROVED

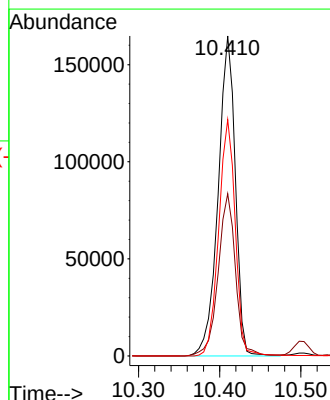
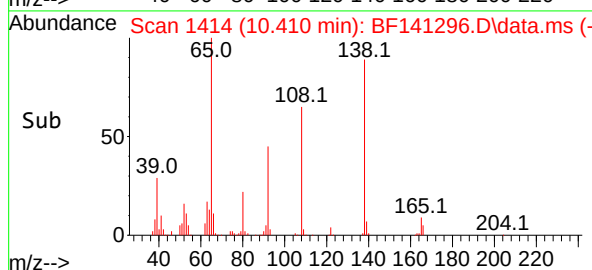
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

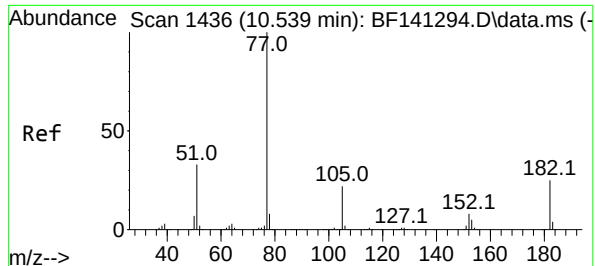


#62
4-Nitroaniline
Concen: 61.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



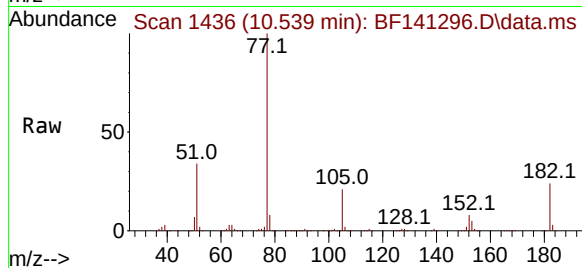
Tgt Ion:138 Resp: 242716
Ion Ratio Lower Upper
138 100
92 50.7 30.1 70.1
108 73.8 53.1 93.1





#63
Azobenzene
Concen: 56.821 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

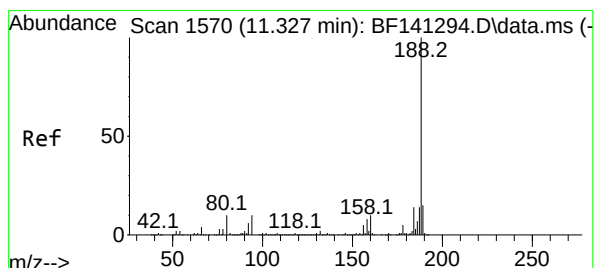
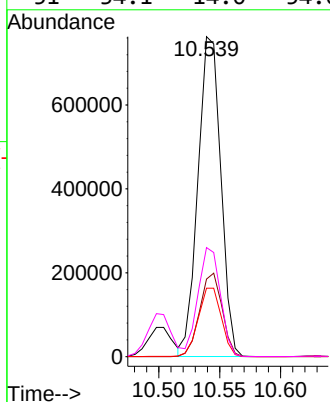
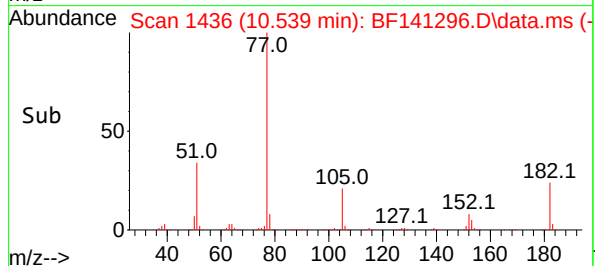
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



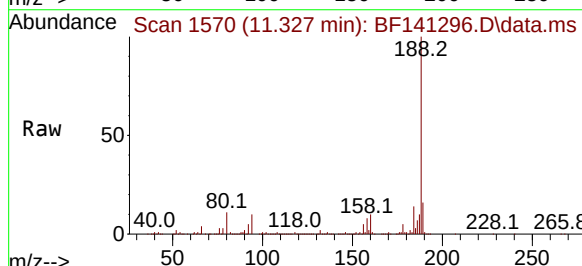
Tgt Ion: 77 Resp: 996600
Ion Ratio Lower Upper
77 100
182 24.3 5.1 45.1
105 21.4 1.8 41.8
51 34.1 14.0 54.0

Manual Integrations
APPROVED

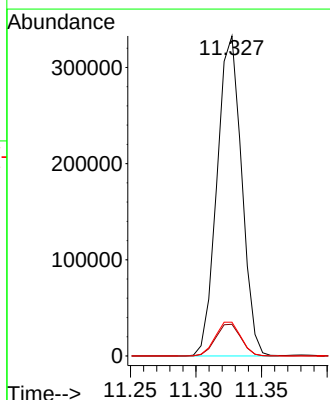
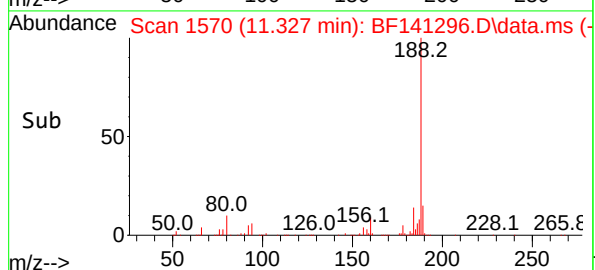
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

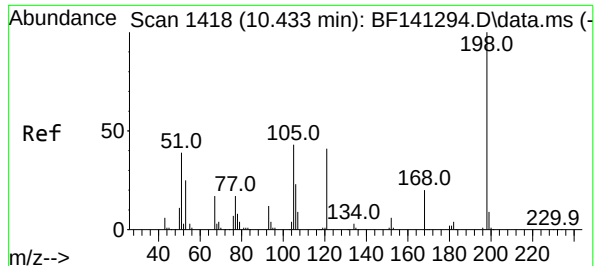


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



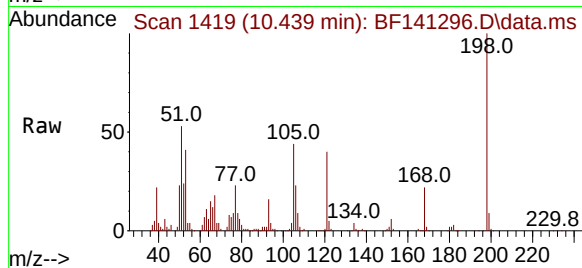
Tgt Ion:188 Resp: 434671
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.6 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 71.103 ng
RT: 10.439 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

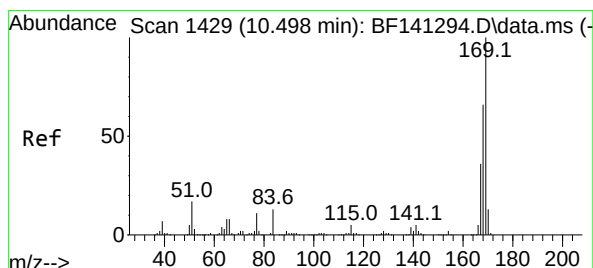
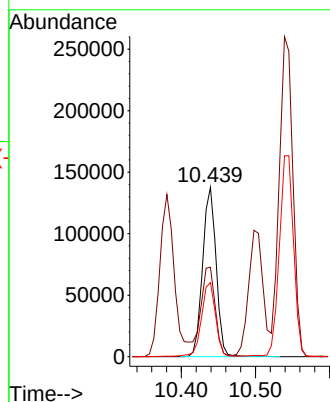
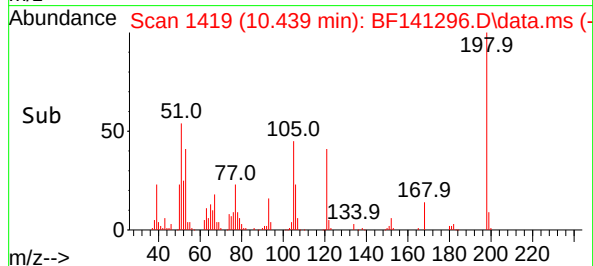
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:198 Resp: 174248
Ion Ratio Lower Upper
198 100
51 52.8 33.4 73.4
105 43.7 24.4 64.4

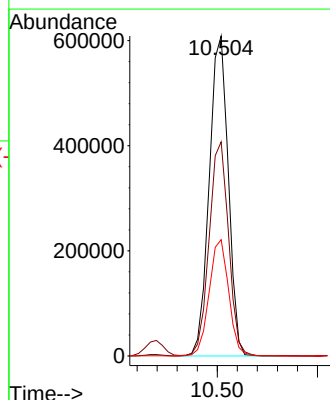
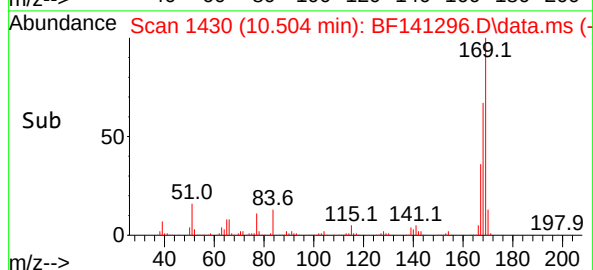
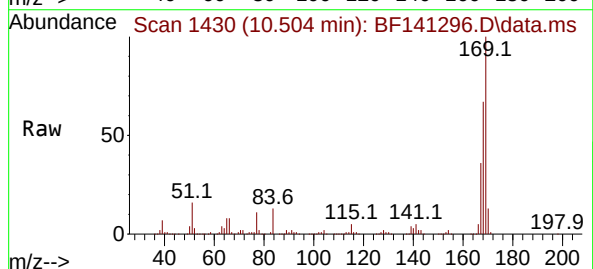
Manual Integrations
APPROVED

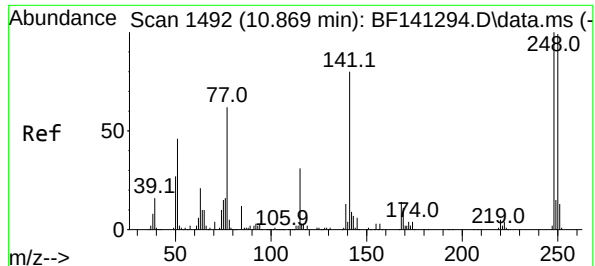
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 55.423 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

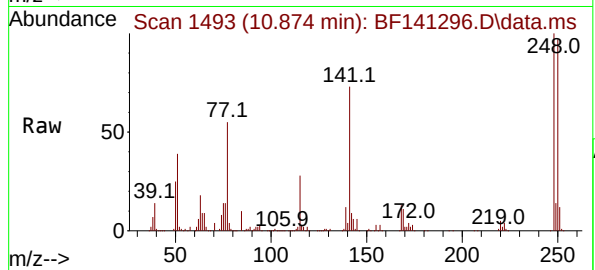
Tgt Ion:169 Resp: 800147
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 57.957 ng
RT: 10.874 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

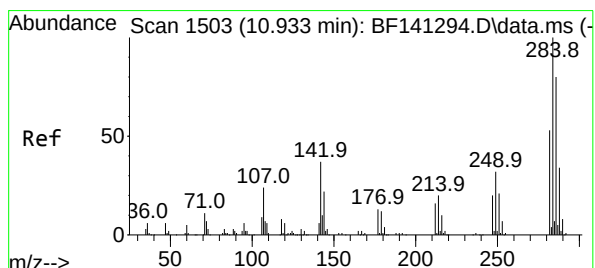
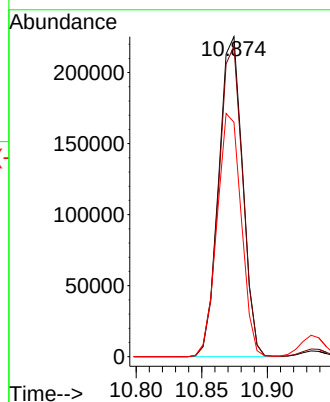
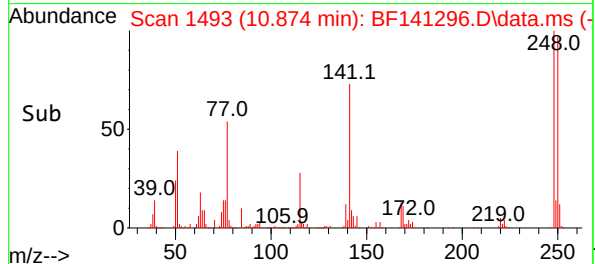
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



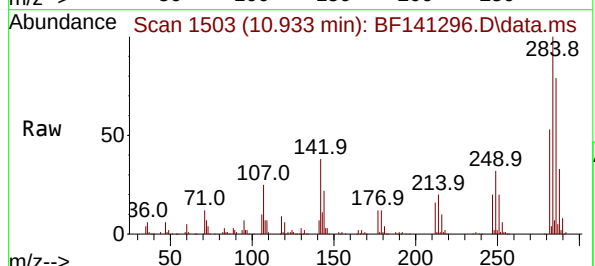
Tgt Ion:248 Resp: 28664
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 73.2 63.7 95.5

Manual Integrations
APPROVED

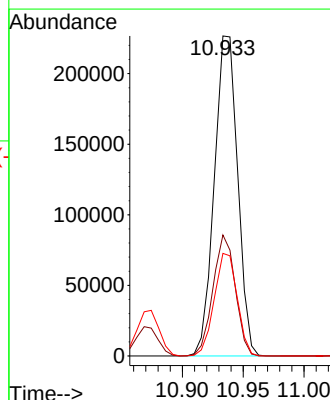
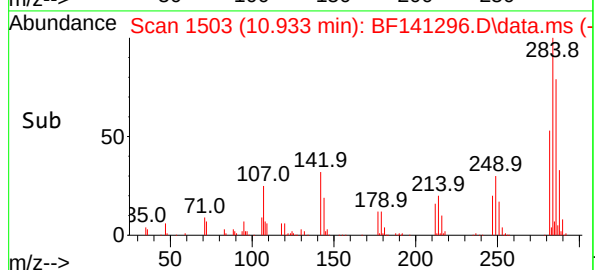
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

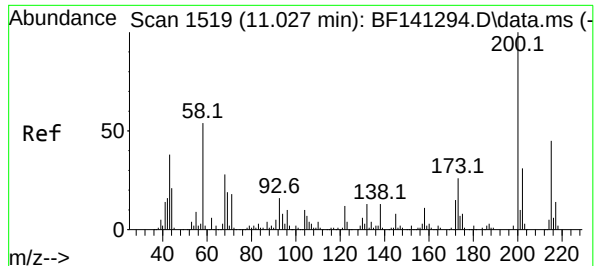


#68
Hexachlorobenzene
Concen: 57.366 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



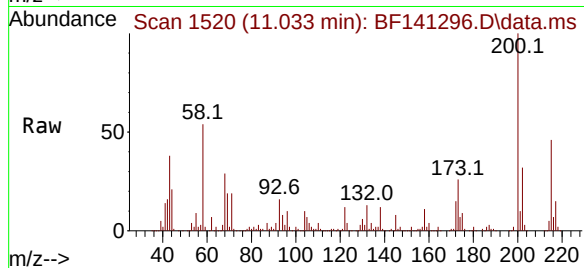
Tgt Ion:284 Resp: 302508
Ion Ratio Lower Upper
284 100
142 37.8 29.5 44.3
249 32.0 25.4 38.2





#69
Atrazine
Concen: 66.863 ng
RT: 11.033 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

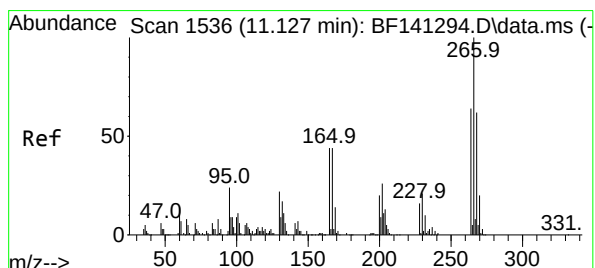
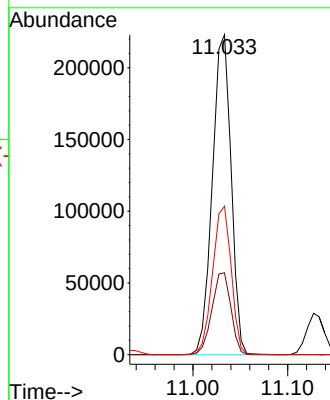
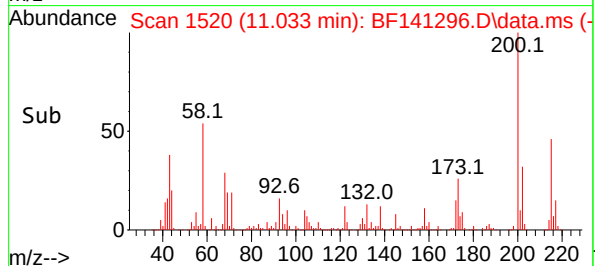
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



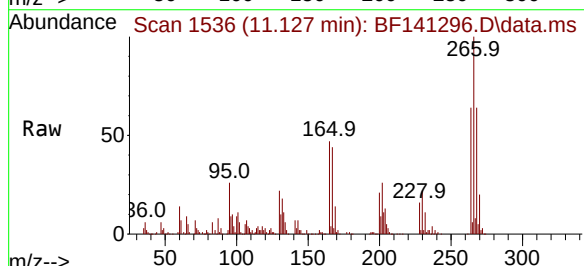
Tgt Ion:200 Resp: 306524
Ion Ratio Lower Upper
200 100
173 25.6 5.9 45.9
215 46.4 25.2 65.2

Manual Integrations
APPROVED

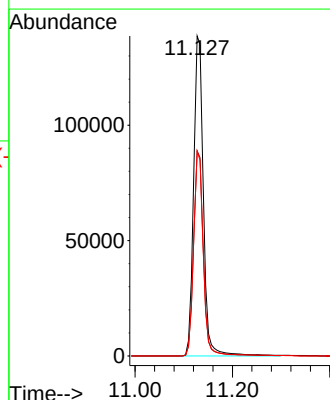
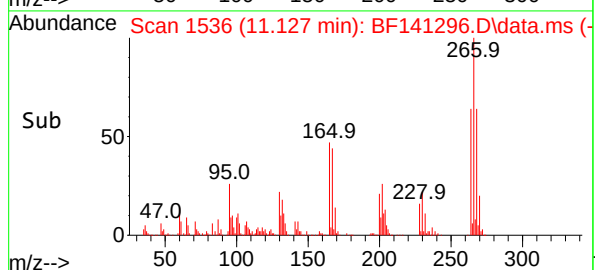
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

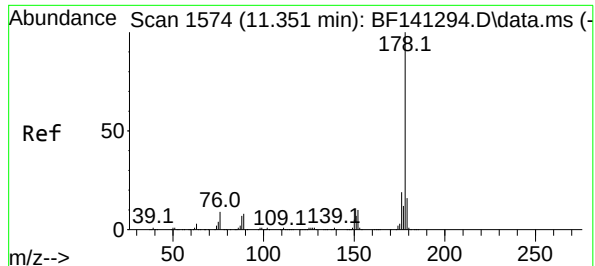


#70
Pentachlorophenol
Concen: 65.443 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



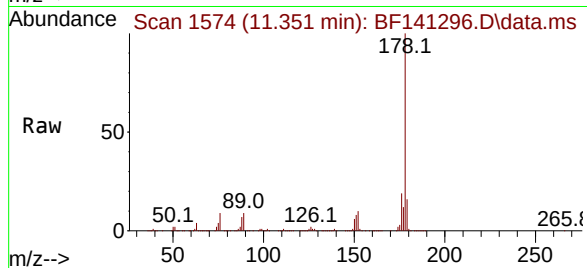
Tgt Ion:266 Resp: 194335
Ion Ratio Lower Upper
266 100
268 64.1 49.9 74.9
264 63.9 51.0 76.4





#71
Phenanthrene
Concen: 54.311 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

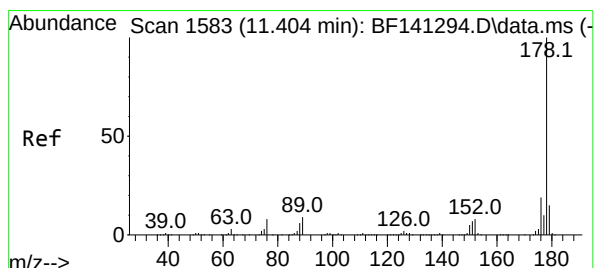
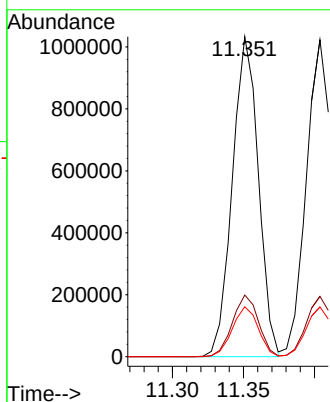
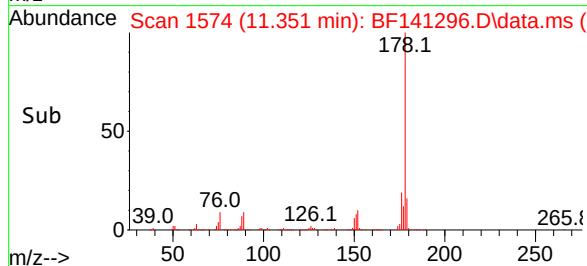
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1316980
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.5 18.7

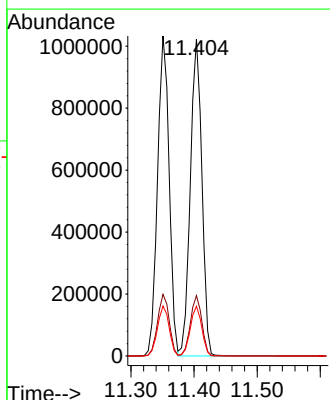
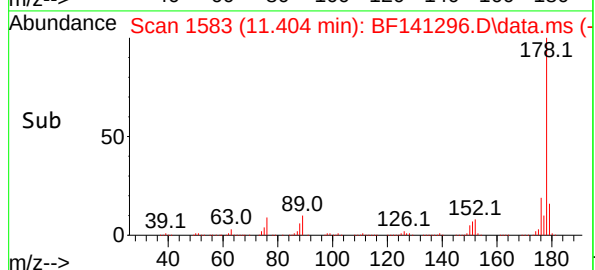
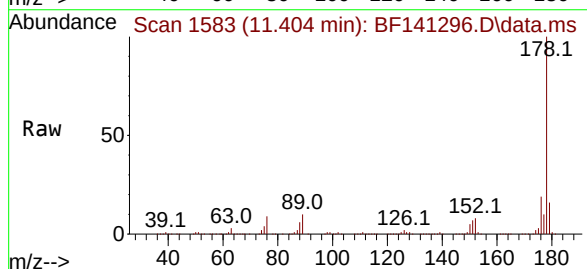
Manual Integrations
APPROVED

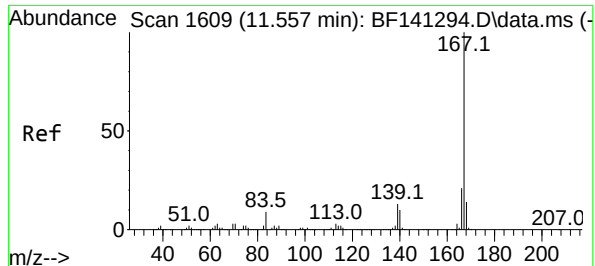
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 54.763 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:178 Resp: 1298334
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.7 12.3 18.5





#73

Carbazole

Concen: 55.874 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:167 Resp: 1173330

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

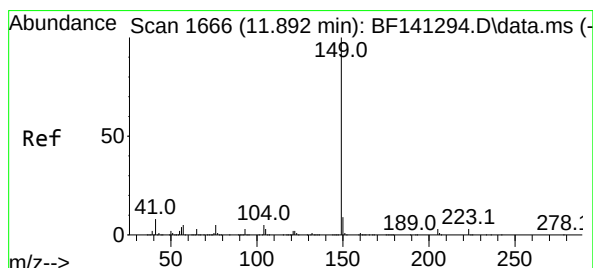
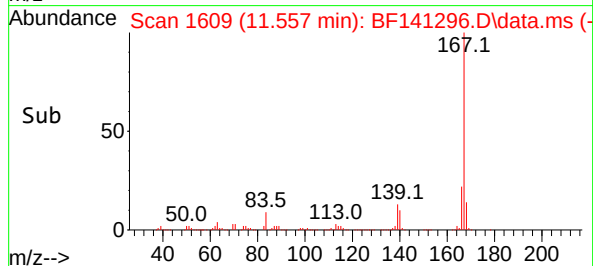
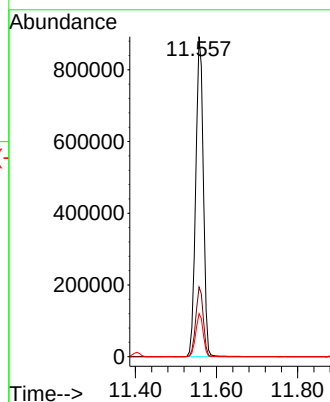
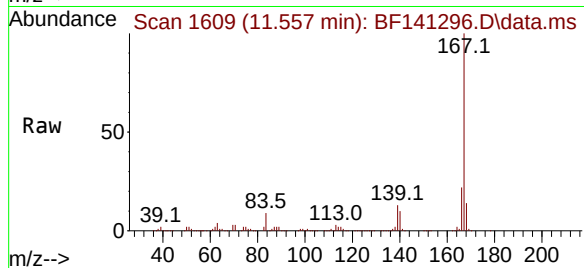
139 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#74

Di-n-butylphthalate

Concen: 55.325 ng

RT: 11.892 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

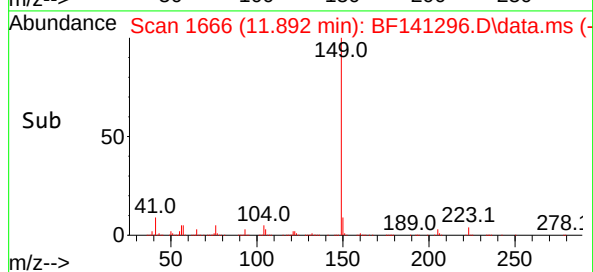
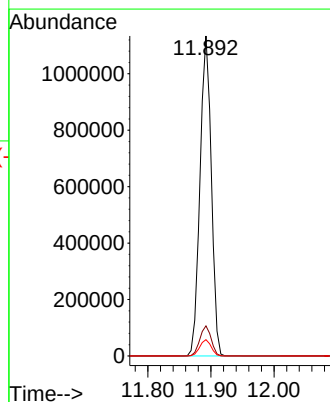
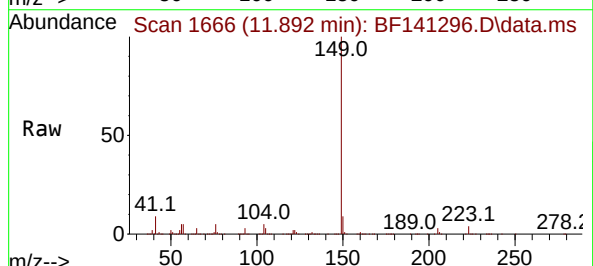
Tgt Ion:149 Resp: 1410222

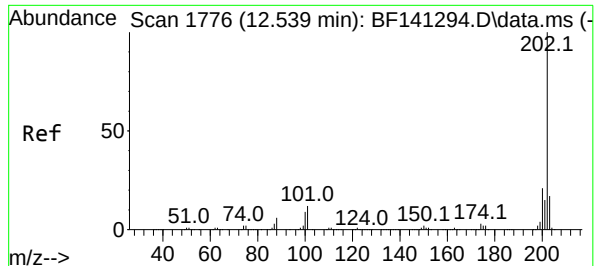
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

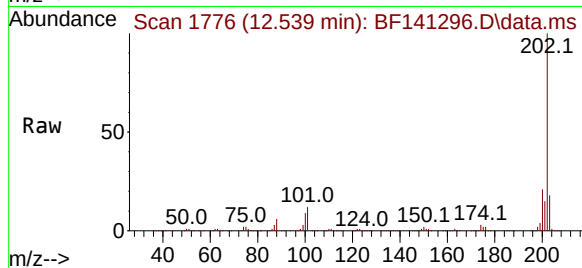
104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 52.878 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

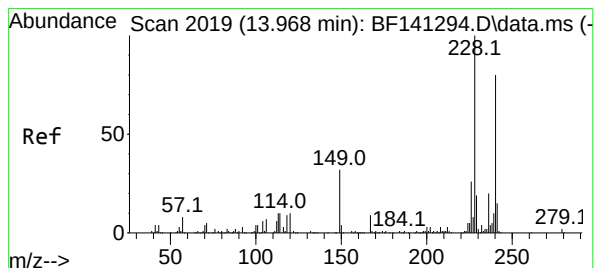
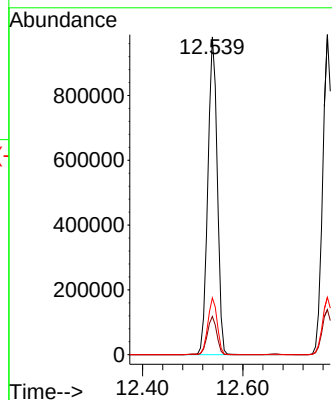
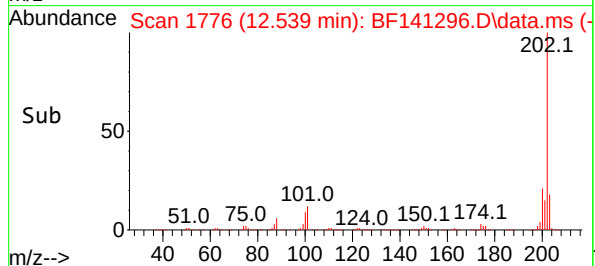
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 1279999
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.9 0.0 37.5

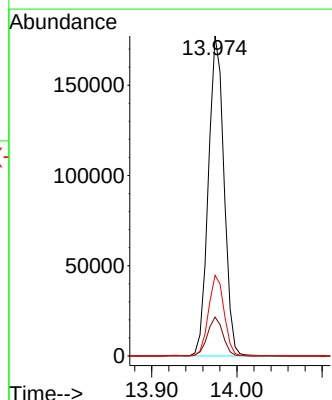
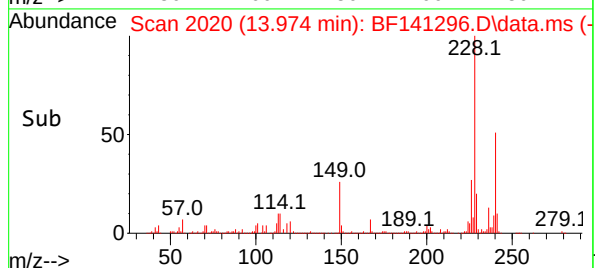
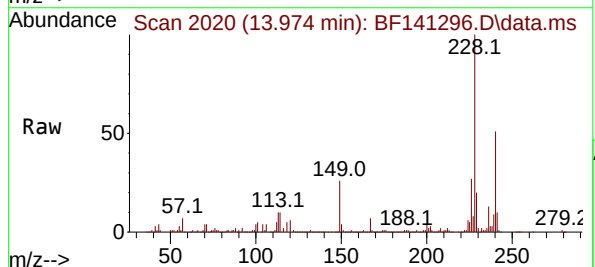
Manual Integrations
APPROVED

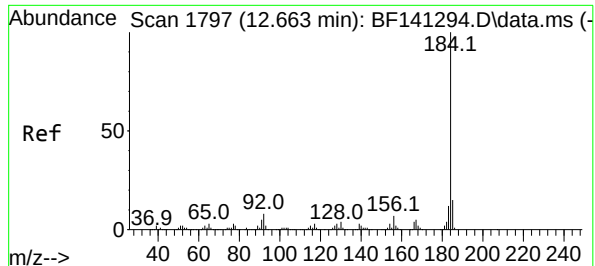
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

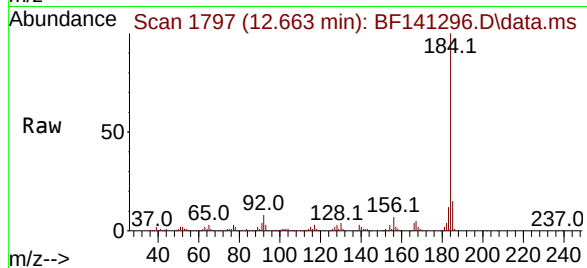
Tgt Ion:240 Resp: 225615
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.2 19.7 29.5





#77
Benzidine
Concen: 67.692 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

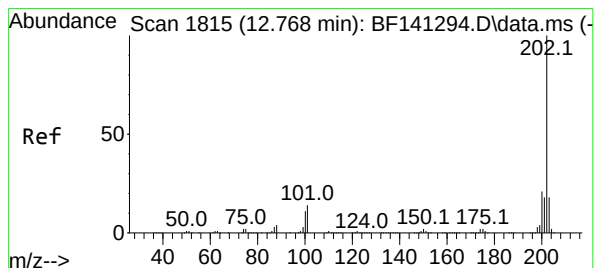
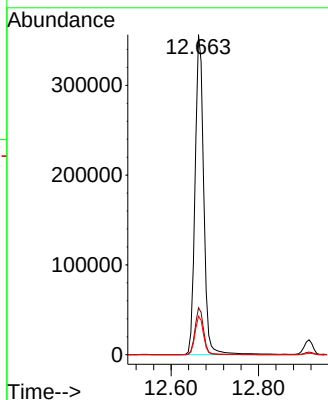
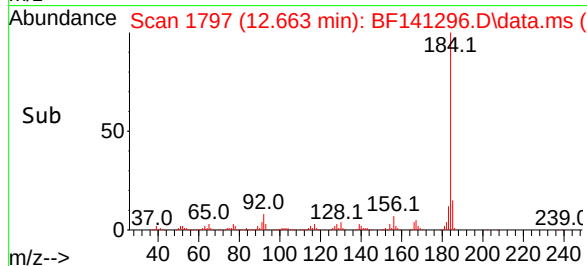
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 490009
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 12.0 9.5 14.3

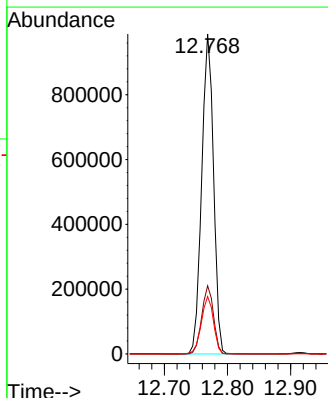
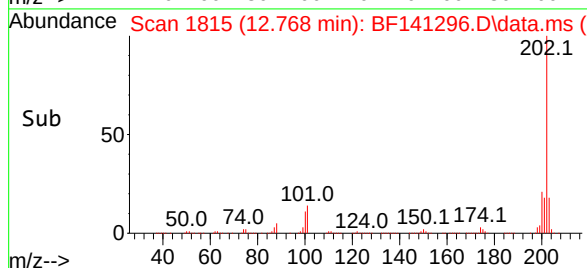
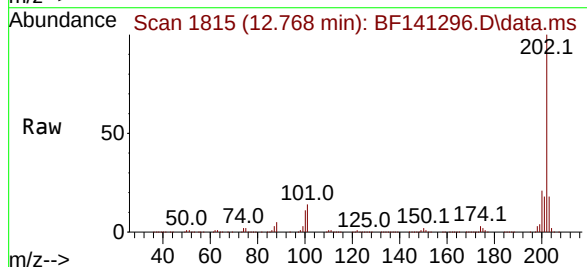
Manual Integrations
APPROVED

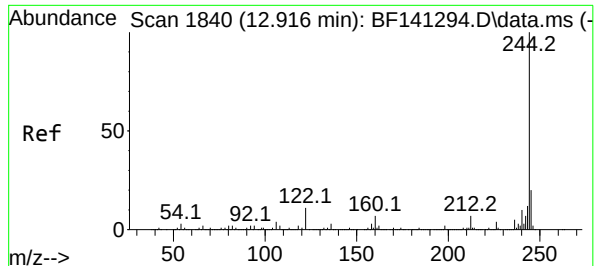
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#78
Pyrene
Concen: 57.717 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

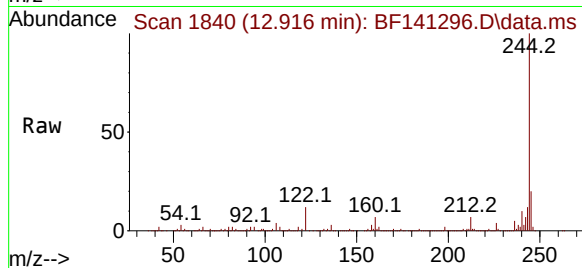
Tgt Ion:202 Resp: 1284820
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.0 14.3 21.5





#79
Terphenyl-d14
Concen: 109.453 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

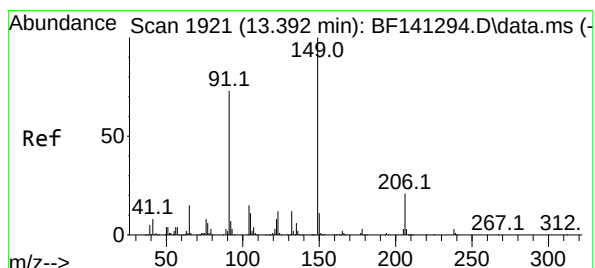
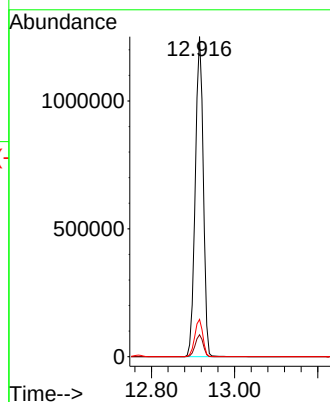
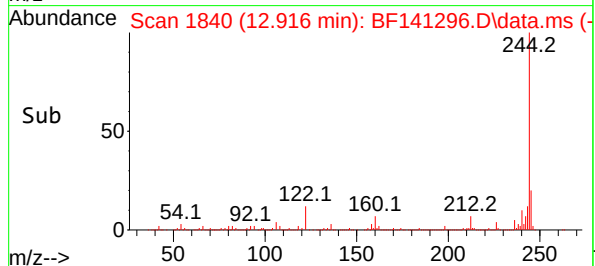
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 166559
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.6 8.8 13.2

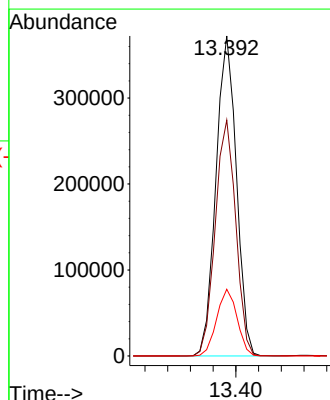
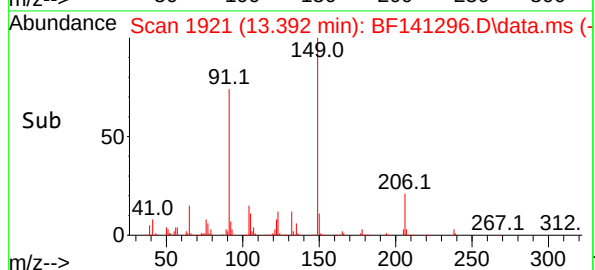
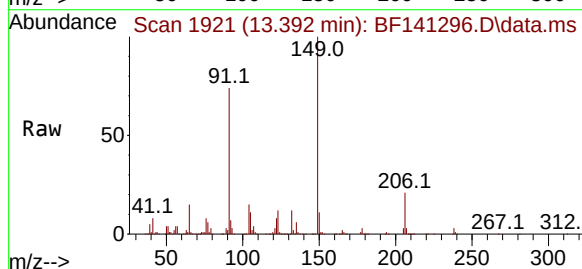
Manual Integrations
APPROVED

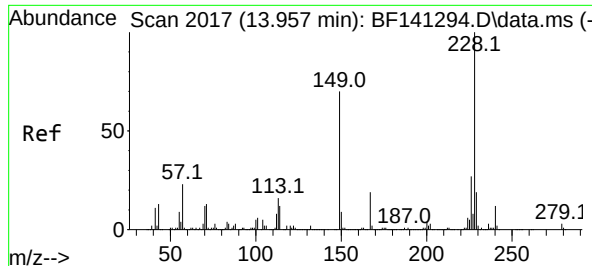
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#80
Butylbenzylphthalate
Concen: 60.745 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

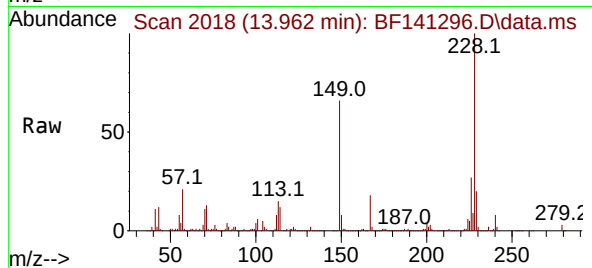
Tgt Ion:149 Resp: 465533
Ion Ratio Lower Upper
149 100
91 73.7 58.6 87.8
206 20.8 16.7 25.1





#81
Benzo(a)anthracene
Concen: 57.742 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

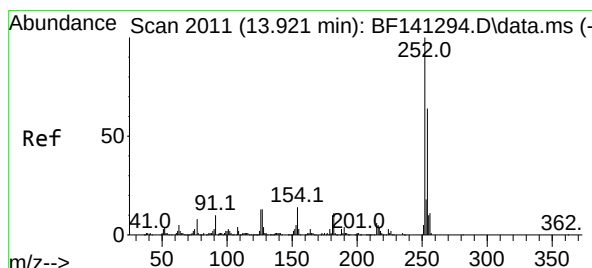
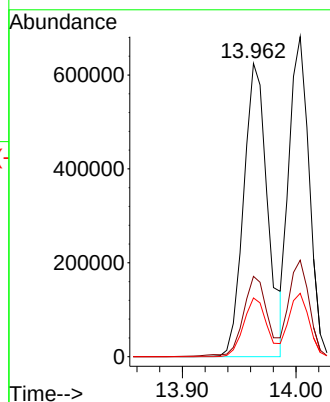
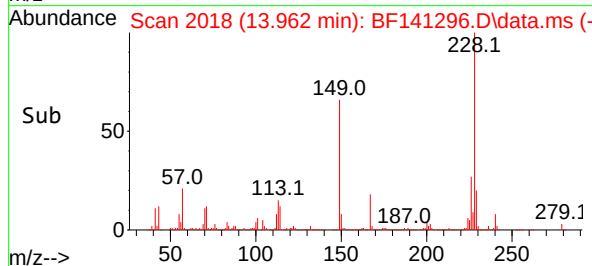
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



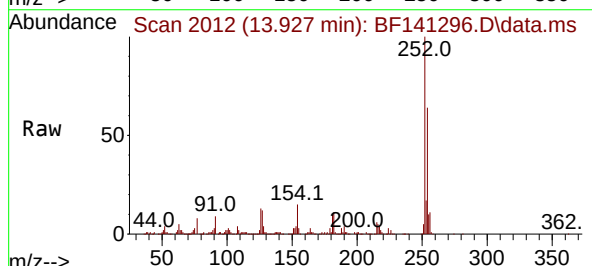
Tgt Ion:228 Resp: 917219
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 20.0 15.5 23.3

Manual Integrations
APPROVED

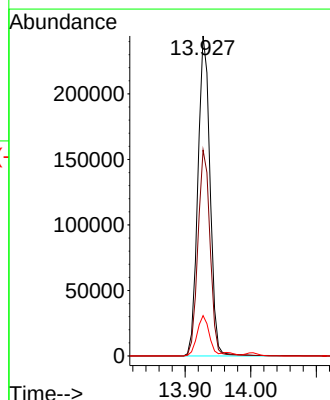
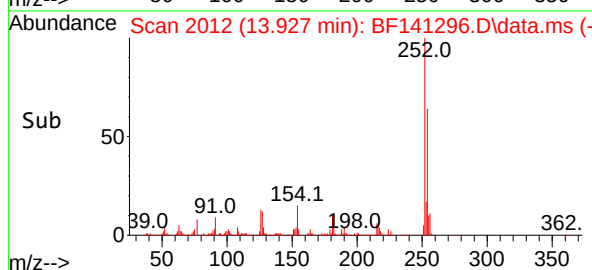
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

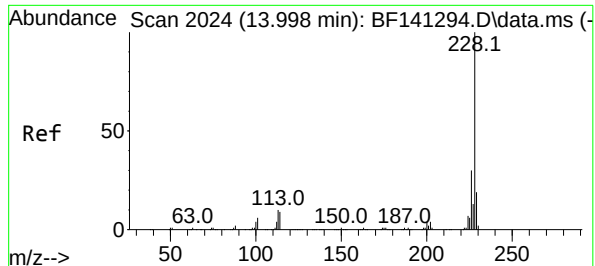


#82
3,3'-Dichlorobenzidine
Concen: 64.819 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



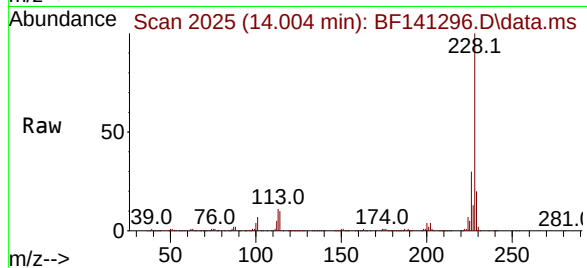
Tgt Ion:252 Resp: 315503
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 12.6 10.0 15.0





#83
Chrysene
Concen: 58.239 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

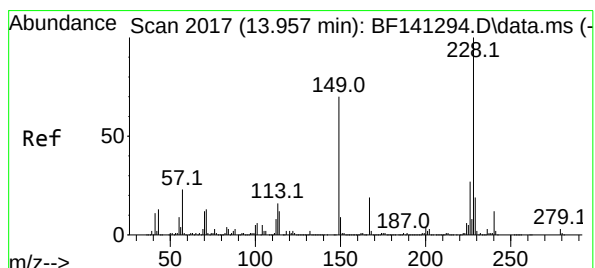
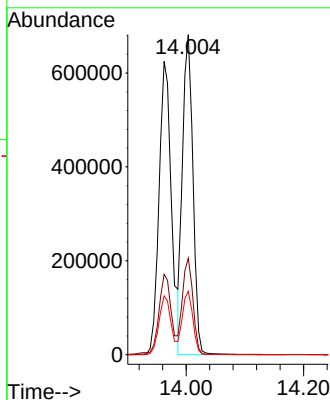
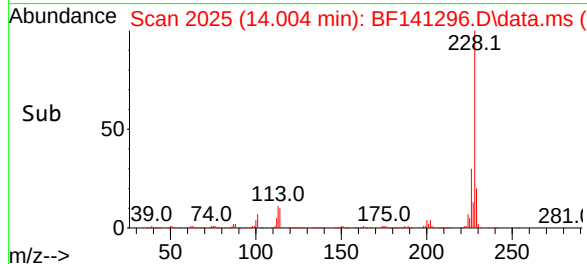
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 841120
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 15.6 23.4

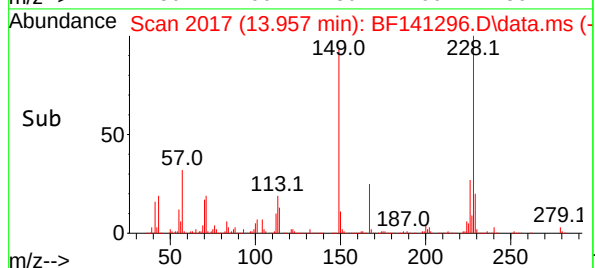
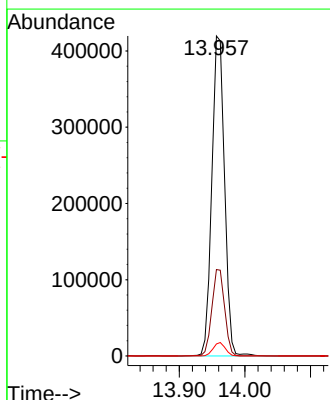
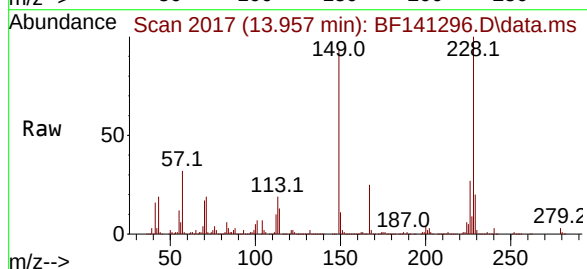
Manual Integrations
APPROVED

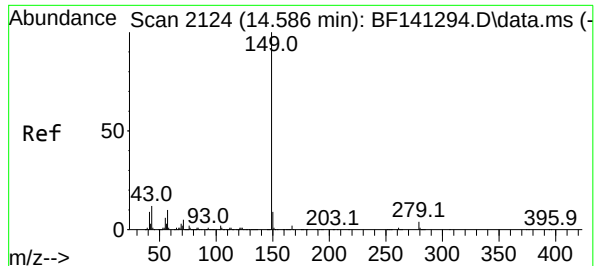
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.438 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

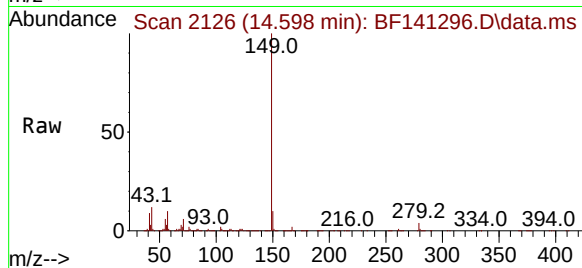
Tgt Ion:149 Resp: 564642
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 64.953 ng
RT: 14.598 min Scan# 2124
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

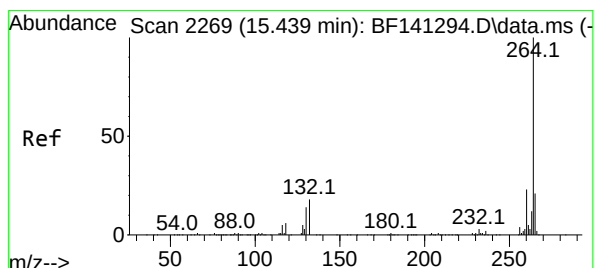
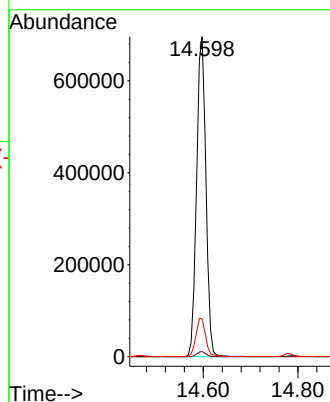
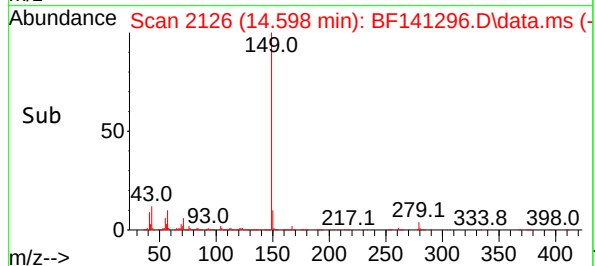
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



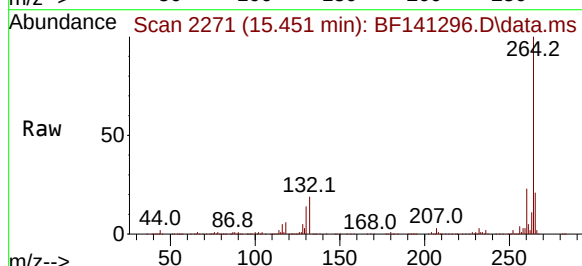
Tgt Ion:149 Resp: 95147
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 9.8 14.8

Manual Integrations
APPROVED

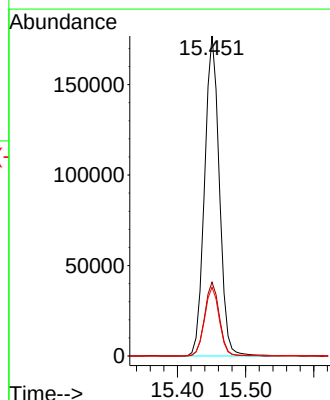
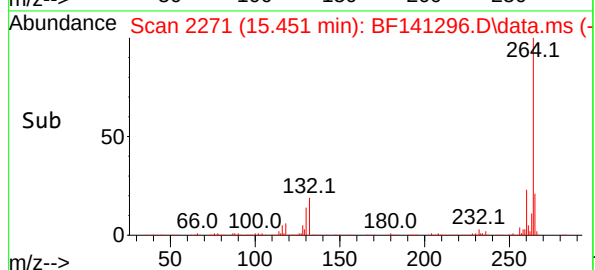
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

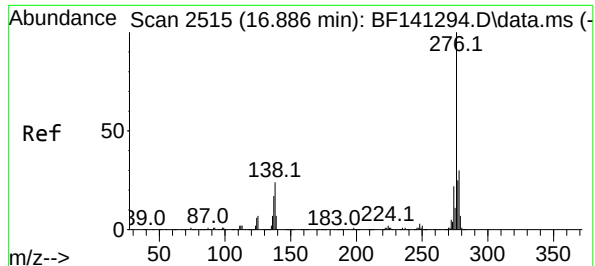


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



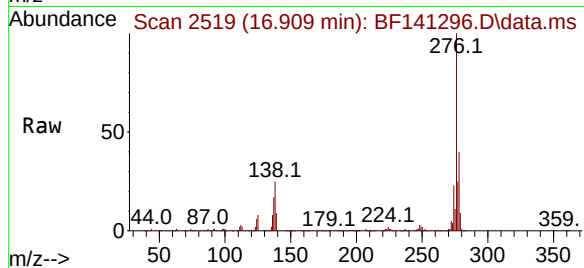
Tgt Ion:264 Resp: 265921
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.5 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.732 ng
RT: 16.909 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

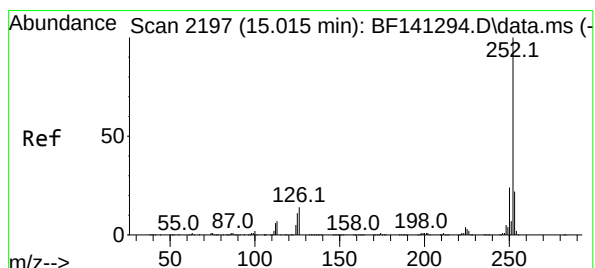
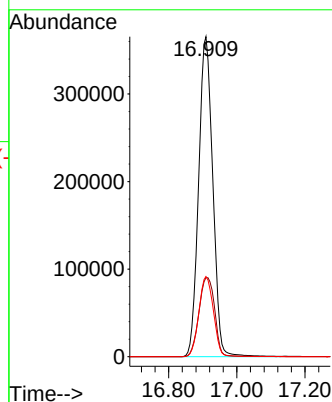
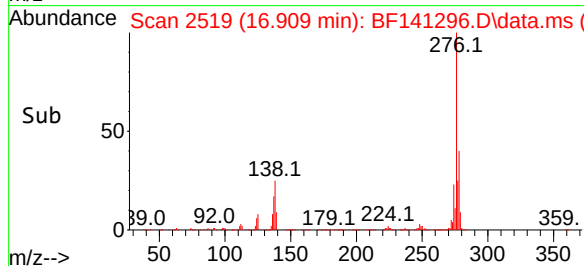
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



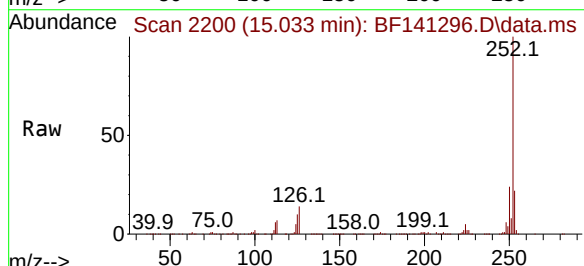
Tgt Ion:276 Resp: 105498
Ion Ratio Lower Upper
276 100
138 27.6 21.7 32.5
277 25.8 20.3 30.5

Manual Integrations
APPROVED

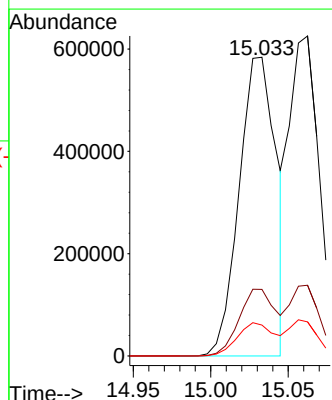
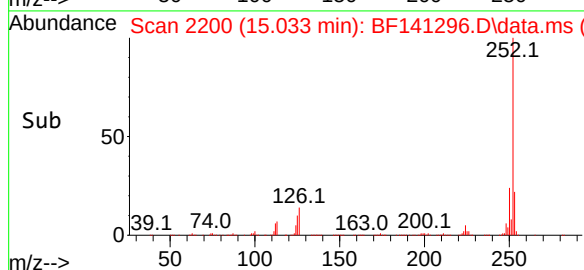
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

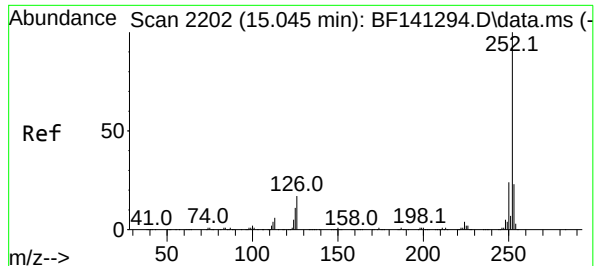


#88
Benzo(b)fluoranthene
Concen: 56.615 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38



Tgt Ion:252 Resp: 971433
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 55.934 ng

RT: 15.062 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 84584

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

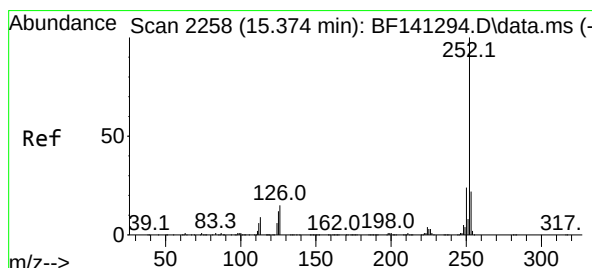
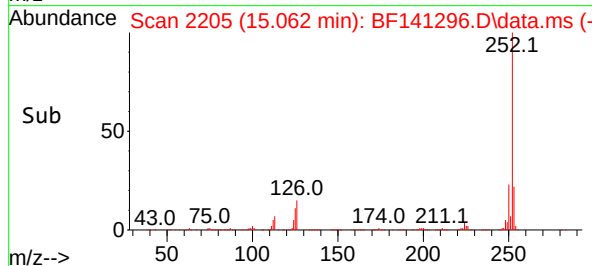
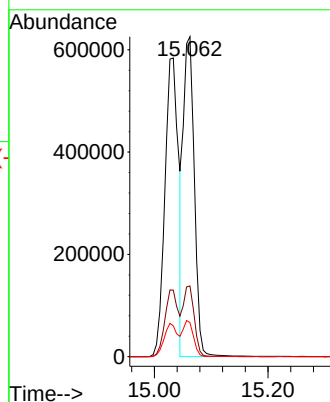
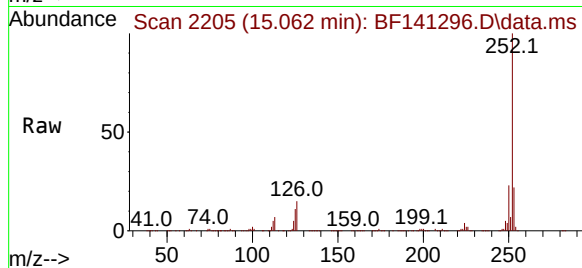
125 10.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 58.588 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.012 min

Lab File: BF141296.D

Acq: 29 Jan 2025 16:38

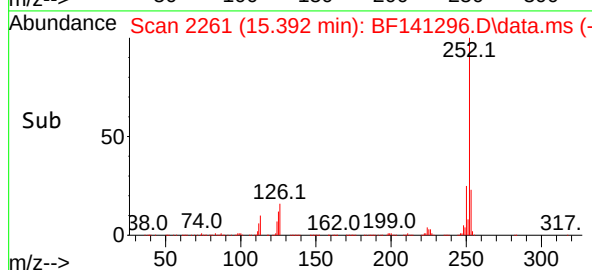
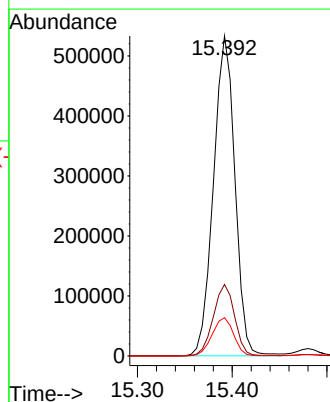
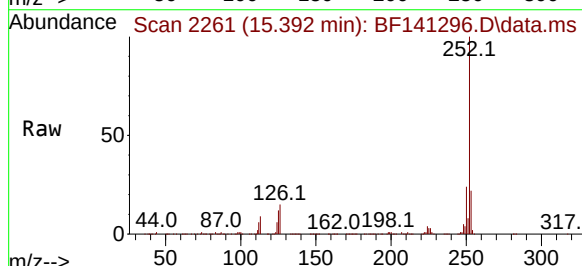
Tgt Ion:252 Resp: 838283

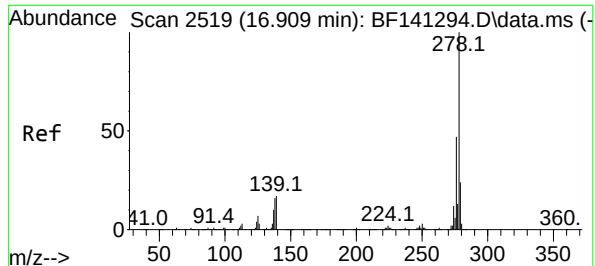
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 12.0 9.4 14.2





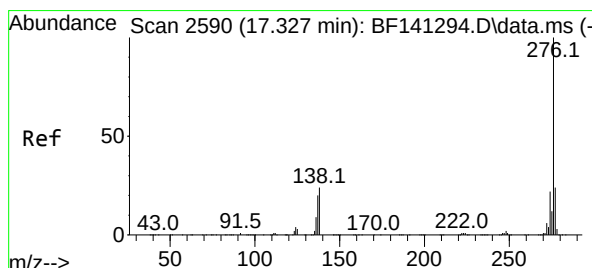
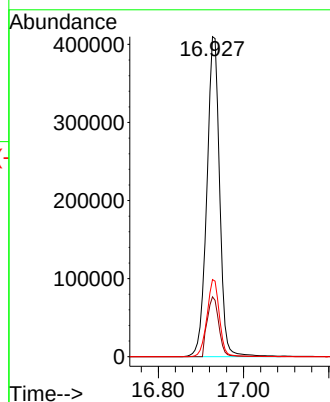
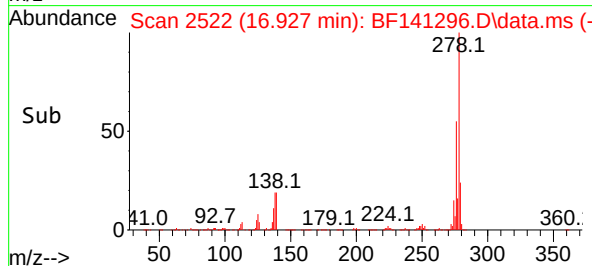
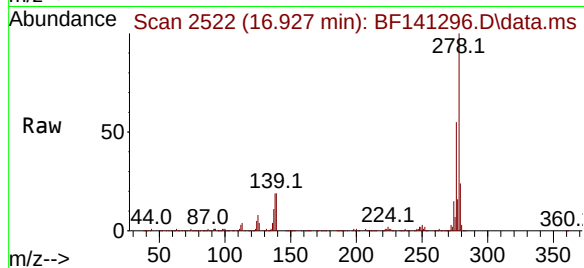
#91
Dibenzo(a,h)anthracene
Concen: 62.119 ng
RT: 16.927 min Scan# 2519
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 854214
Ion Ratio Lower Upper
278 100
139 18.7 13.9 20.9
279 24.1 18.8 28.2

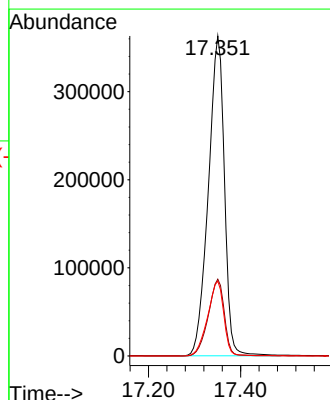
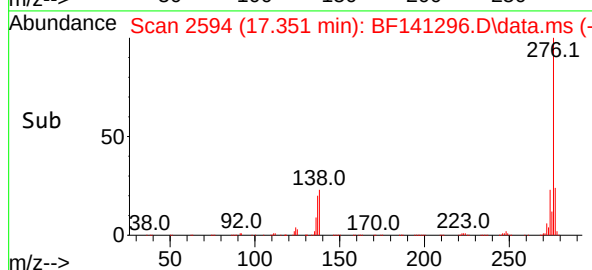
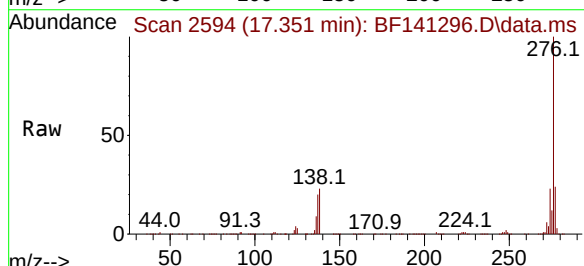
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 61.510 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:276 Resp: 881804
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 23.4 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141297.D
 Acq On : 29 Jan 2025 17:05
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jan 29 17:32:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:26:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	129386	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	500219	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	259556	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	415634	20.000	ng	0.00
76) Chrysene-d12	13.974	240	216592	20.000	ng	0.00
86) Perylene-d12	15.439	264	271797	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1203835	140.330	ng	0.00
7) Phenol-d6	6.440	99	1526343	139.796	ng	0.00
23) Nitrobenzene-d5	7.369	82	1396346	145.214	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	337670	139.281	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2248567	129.739	ng	0.00
79) Terphenyl-d14	12.916	244	1910783	132.741	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.493	88	274366	73.111	ng	100
3) Pyridine	3.228	79	684346	76.095	ng	99
4) n-Nitrosodimethylamine	3.199	42	399245	77.974	ng	99
6) Aniline	6.469	93	607667	65.185	ng	# 86
8) 2-Chlorophenol	6.593	128	639957	69.519	ng	97
9) Benzaldehyde	6.351	77	376227	58.226	ng	100
10) Phenol	6.451	94	804078	69.411	ng	90
11) bis(2-Chloroethyl)ether	6.546	93	648287	73.535	ng	98
12) 1,3-Dichlorobenzene	6.746	146	704973	69.446	ng	99
13) 1,4-Dichlorobenzene	6.822	146	706528	69.256	ng	99
14) 1,2-Dichlorobenzene	6.975	146	641551	66.867	ng	99
15) Benzyl Alcohol	6.946	79	532270	71.549	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1092827	70.953	ng	98
17) 2-Methylphenol	7.057	107	545097	73.368	ng	97
18) Hexachloroethane	7.316	117	265593	70.765	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	452303	69.874	ng	97
20) 3+4-Methylphenols	7.216	107	613997	66.467	ng	96
22) Acetophenone	7.216	105	824220	67.811	ng	# 96
24) Nitrobenzene	7.393	77	716200	71.762	ng	99
25) Isophorone	7.628	82	1229697	74.193	ng	99
26) 2-Nitrophenol	7.704	139	358664	76.912	ng	98
27) 2,4-Dimethylphenol	7.740	122	445560	74.779	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	767960	72.405	ng	99
29) 2,4-Dichlorophenol	7.945	162	525117	71.573	ng	100
30) 1,2,4-Trichlorobenzene	8.028	180	584061	69.437	ng	100
31) Naphthalene	8.110	128	1838789	68.107	ng	99
32) Benzoic acid	7.881	122	484583	91.066	ng	99
33) 4-Chloroaniline	8.157	127	636568	69.737	ng	99
34) Hexachlorobutadiene	8.222	225	348822	70.904	ng	99
35) Caprolactam	8.545	113	177093	74.270	ng	99
36) 4-Chloro-3-methylphenol	8.640	107	566827	72.094	ng	98
37) 2-Methylnaphthalene	8.798	142	1165995	67.926	ng	98
38) 1-Methylnaphthalene	8.898	142	1146275	67.988	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	531237	70.756	ng	100
41) Hexachlorocyclopentadiene	8.951	237	180658	83.336	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	360370	73.727	ng	100

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 Acq On : 29 Jan 2025 17:05
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

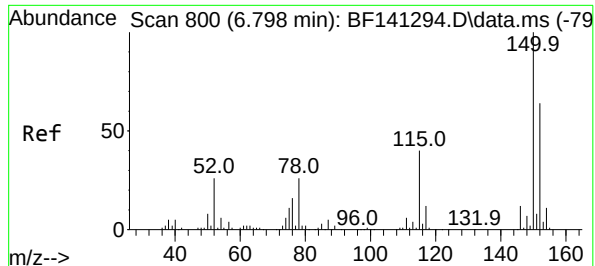
Quant Time: Jan 29 17:32:13 2025
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 QLast Update : Wed Jan 29 17:26:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	397887	74.958	ng	99
46) 1,1'-Biphenyl	9.263	154	1412015	68.298	ng	99
47) 2-Chloronaphthalene	9.287	162	1118593	69.578	ng	99
48) 2-Nitroaniline	9.381	65	378379	75.652	ng	97
49) Acenaphthylene	9.704	152	1552508	68.901	ng	99
50) Dimethylphthalate	9.569	163	1269770	71.308	ng	100
51) 2,6-Dinitrotoluene	9.628	165	300867	72.992	ng	99
52) Acenaphthene	9.875	154	1120345	69.700	ng	99
53) 3-Nitroaniline	9.798	138	274410	67.215	ng	99
54) 2,4-Dinitrophenol	9.904	184	169946	101.582	ng	99
55) Dibenzofuran	10.045	168	1451668	67.158	ng	98
56) 4-Nitrophenol	9.957	139	230369	78.788	ng	100
57) 2,4-Dinitrotoluene	10.034	165	375659	70.012	ng	93
58) Fluorene	10.392	166	1099129	65.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	302300	72.005	ng	98
60) Diethylphthalate	10.269	149	1189833	68.571	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	541468	65.968	ng	99
62) 4-Nitroaniline	10.416	138	292019	73.604	ng	99
63) Azobenzene	10.545	77	1206328	69.582	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	217265	89.943	ng	96
66) n-Nitrosodiphenylamine	10.504	169	986121	72.353	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	348615	74.136	ng	97
68) Hexachlorobenzene	10.939	284	361469	72.215	ng	97
69) Atrazine	11.033	200	372792	83.452	ng	99
70) Pentachlorophenol	11.133	266	235030	81.539	ng	99
71) Phenanthrene	11.351	178	1557660	68.257	ng	99
72) Anthracene	11.404	178	1535860	68.749	ng	99
73) Carbazole	11.557	167	1342447	67.630	ng	99
74) Di-n-butylphthalate	11.892	149	1626342	67.604	ng	99
75) Fluoranthene	12.539	202	1463196	64.490	ng	99
77) Benzidine	12.663	184	481470	67.834	ng	99
78) Pyrene	12.769	202	1450076	68.287	ng	100
80) Butylbenzylphthalate	13.392	149	528754	71.721	ng	99
81) Benzo(a)anthracene	13.963	228	1095972	72.323	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	389044	82.157	ng	99
83) Chrysene	13.998	228	1048083	75.964	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	662151	70.666	ng	99
85) Di-n-octyl phthalate	14.586	149	1171131	82.148	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1399119	79.715	ng	100
88) Benzo(b)fluoranthene	15.021	252	1235245	71.102	ng	100
89) Benzo(k)fluoranthene	15.051	252	1146296	75.010	ng	100
90) Benzo(a)pyrene	15.380	252	1098491	75.410	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1117397	79.035	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1155250	78.512	ng	100

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

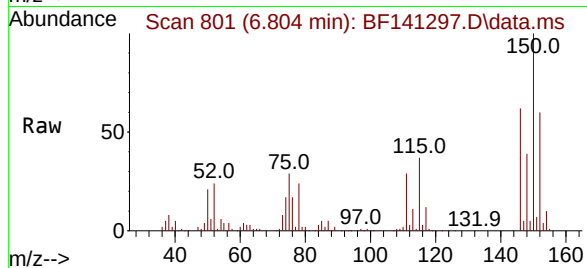
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ClientSampleId :
SSTDICC080

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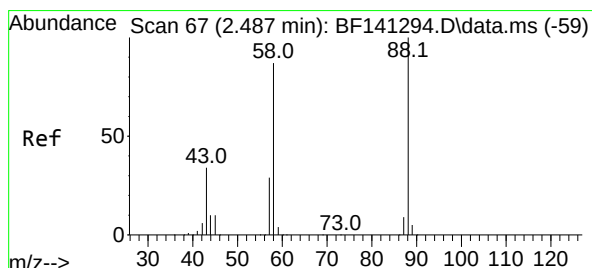
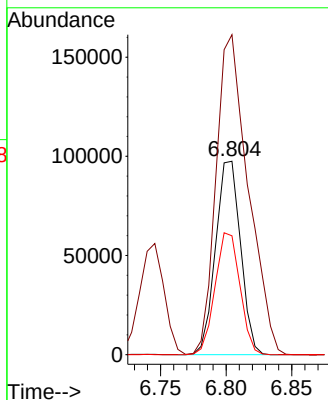
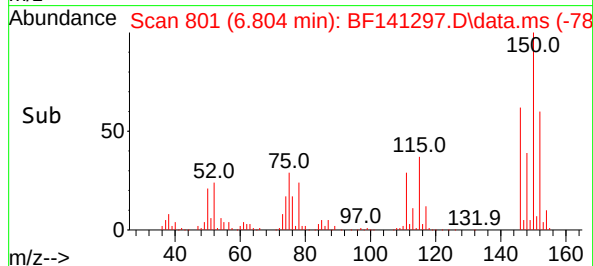


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

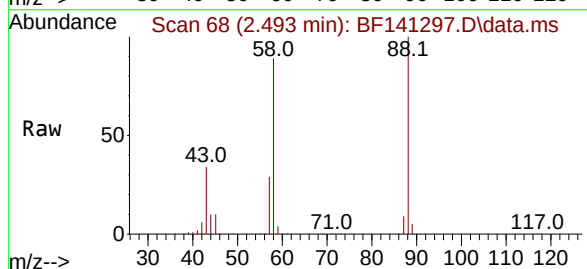
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



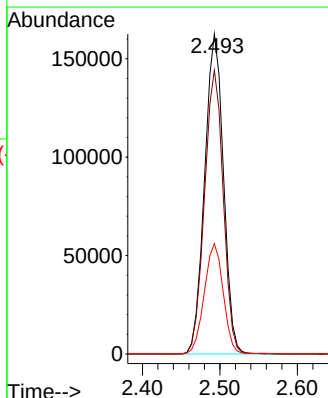
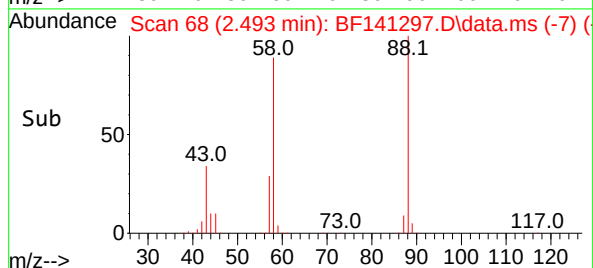
Tgt Ion:152 Resp: 129386
Ion Ratio Lower Upper
152 100
150 165.5 125.9 188.9
115 61.4 49.7 74.5

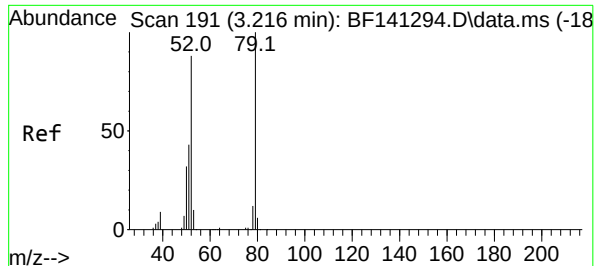


#2
1,4-Dioxane
Concen: 73.111 ng
RT: 2.493 min Scan# 68
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05



Tgt Ion: 88 Resp: 274366
Ion Ratio Lower Upper
88 100
58 88.2 70.2 105.4
43 34.3 27.6 41.4





#3

Pyridine

Concen: 76.095 ng

RT: 3.228 min Scan# 191

Delta R.T. 0.012 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

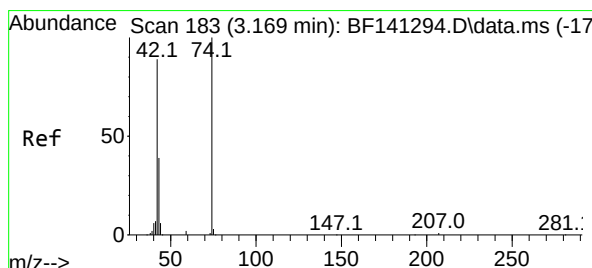
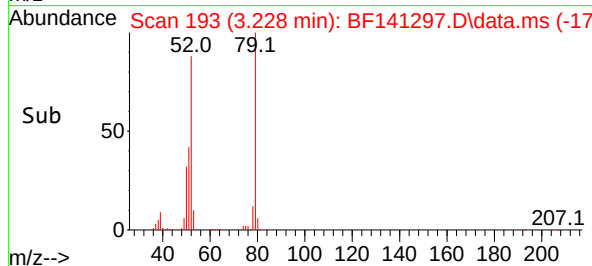
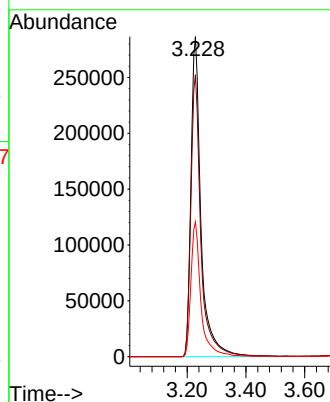
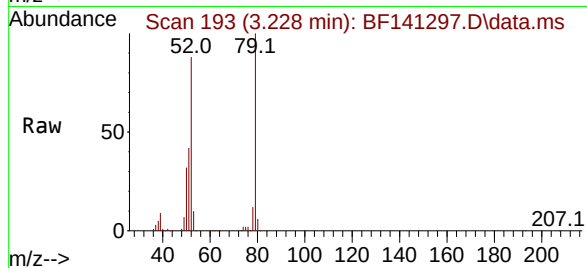
Tgt Ion: 79 Resp: 684346

Ion Ratio Lower Upper

79 100

52 88.1 70.3 105.5

51 42.1 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 77.974 ng

RT: 3.199 min Scan# 188

Delta R.T. 0.018 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

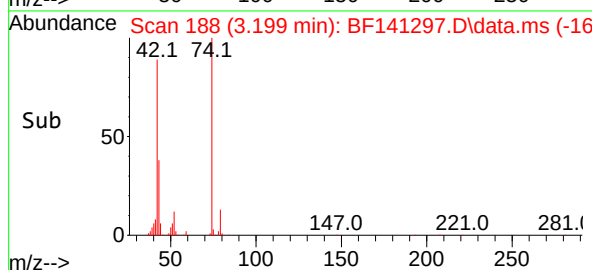
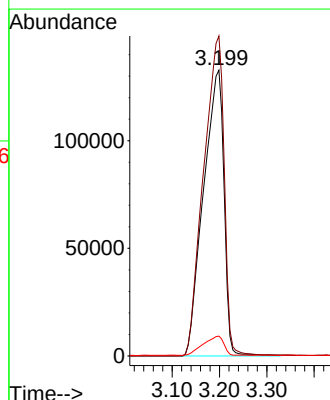
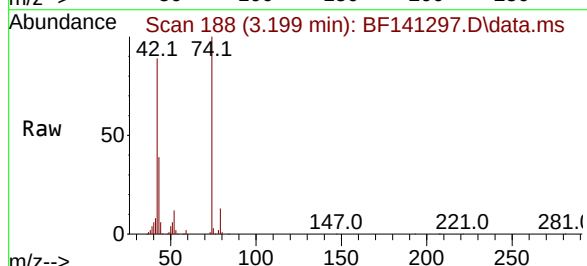
Tgt Ion: 42 Resp: 399245

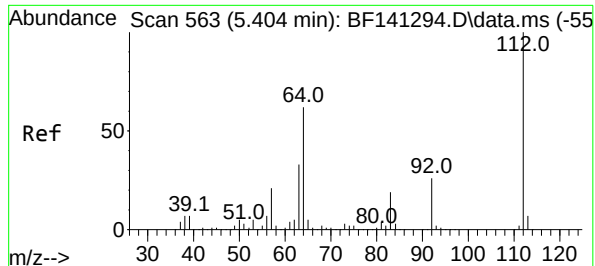
Ion Ratio Lower Upper

42 100

74 112.0 90.3 135.5

44 6.9 5.7 8.5

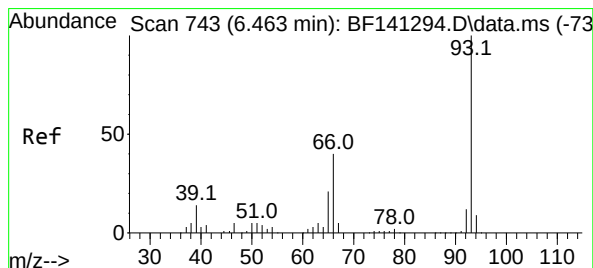
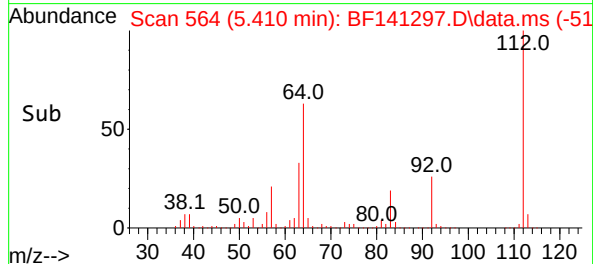
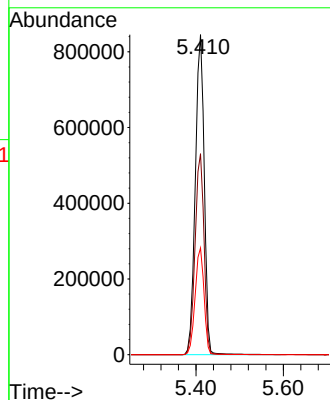
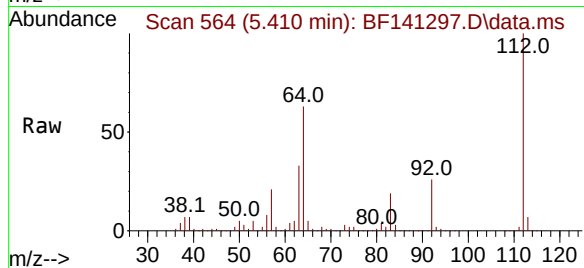




#5
2-Fluorophenol
Concen: 140.330 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

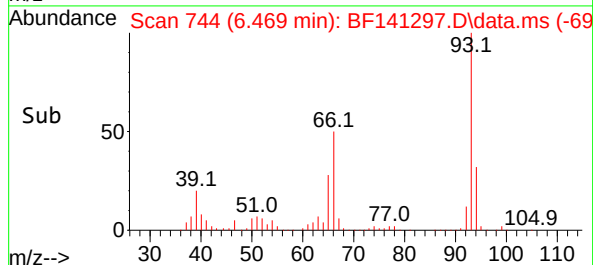
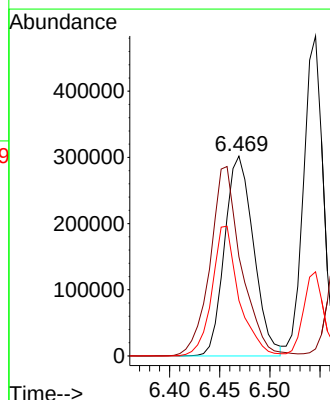
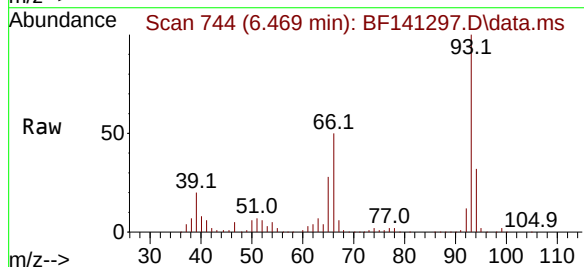
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

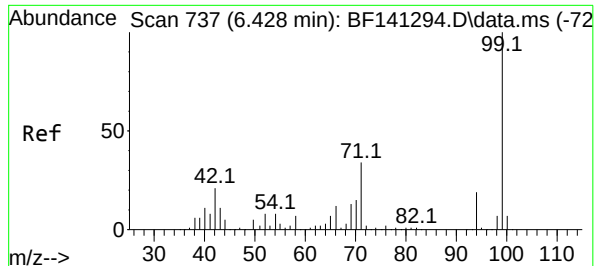
Tgt Ion:112 Resp: 1203835
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 33.4 26.1 39.1



#6
Aniline
Concen: 65.185 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 93 Resp: 607667
Ion Ratio Lower Upper
93 100
66 49.7 32.5 48.7#
65 27.8 17.0 25.6#





#7

Phenol-d6

Concen: 139.796 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

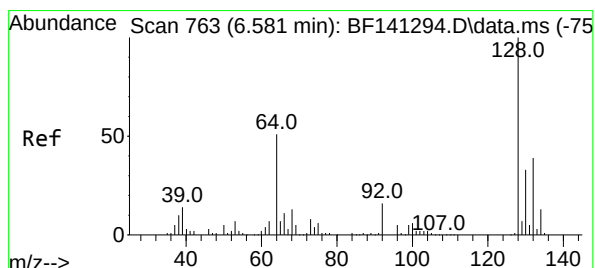
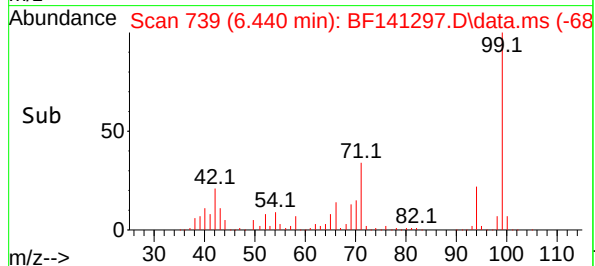
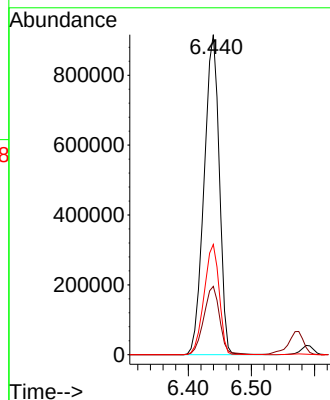
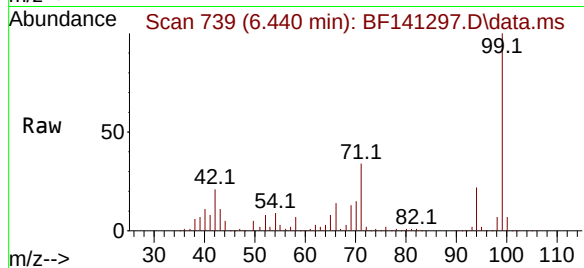
Tgt Ion: 99 Resp: 1526343

Ion Ratio Lower Upper

99 100

42 21.4 17.1 25.7

71 34.4 26.9 40.3



#8

2-Chlorophenol

Concen: 69.519 ng

RT: 6.593 min Scan# 765

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

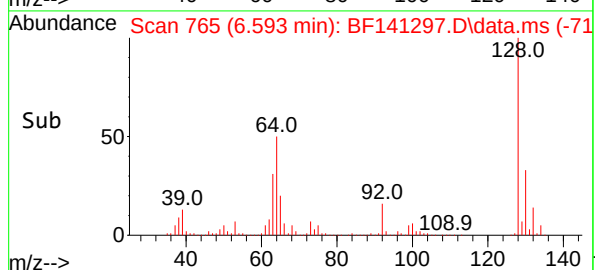
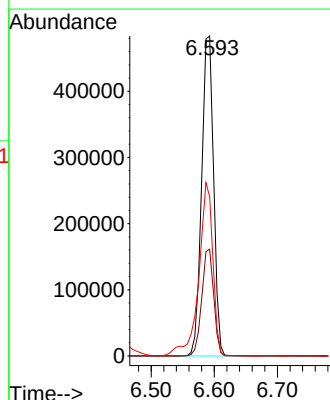
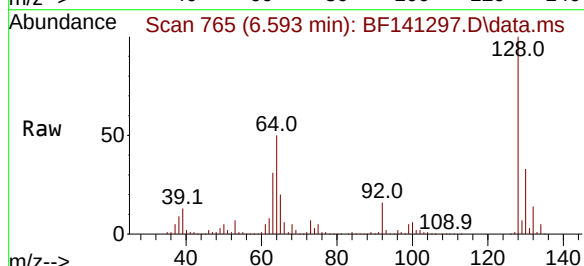
Tgt Ion:128 Resp: 639957

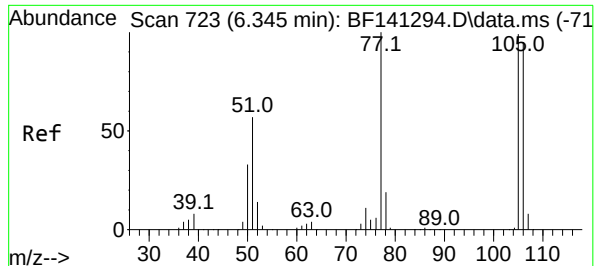
Ion Ratio Lower Upper

128 100

130 33.4 12.5 52.5

64 49.8 32.9 72.9





#9

Benzaldehyde

Concen: 58.226 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

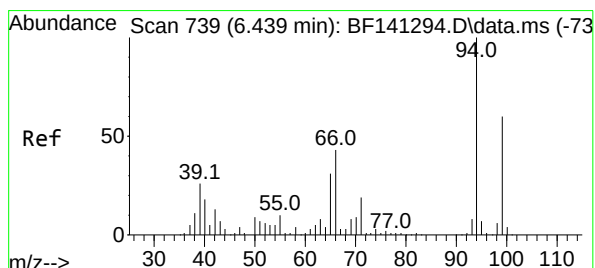
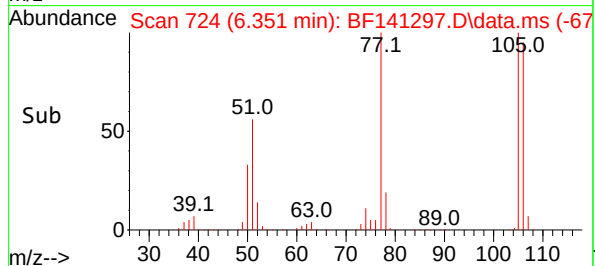
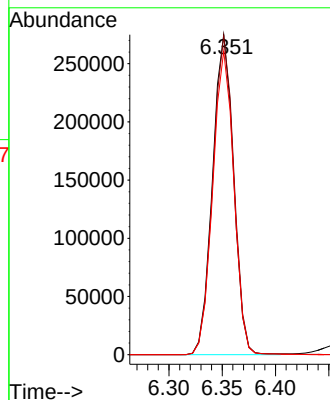
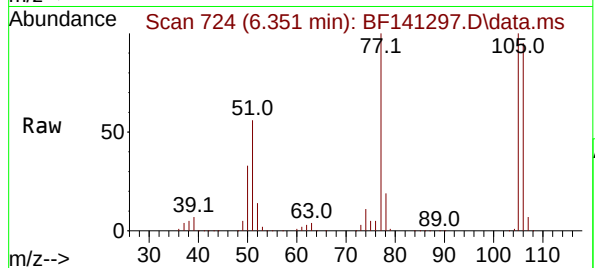
Tgt Ion: 77 Resp: 376227

Ion Ratio Lower Upper

77 100

105 99.7 79.4 119.4

106 94.9 74.6 114.6



#10

Phenol

Concen: 69.411 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

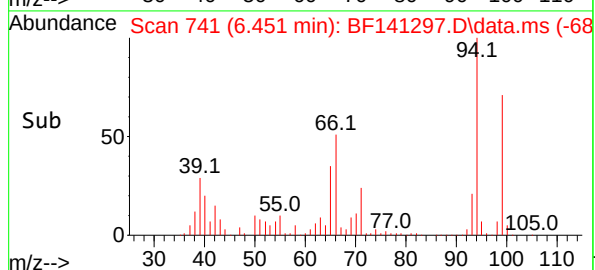
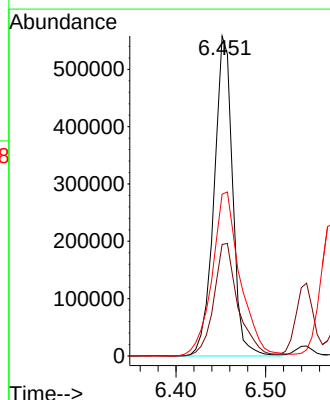
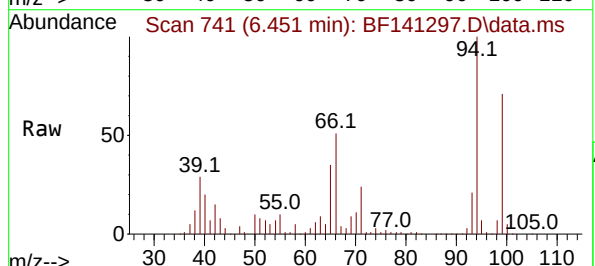
Tgt Ion: 94 Resp: 804078

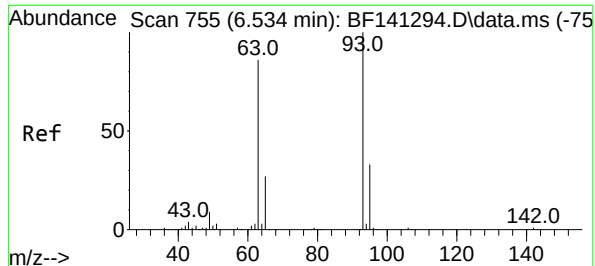
Ion Ratio Lower Upper

94 100

65 34.9 10.8 50.8

66 50.6 23.3 63.3

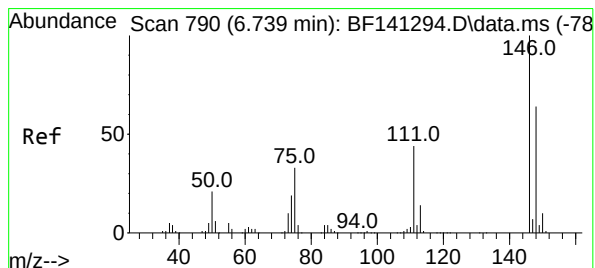
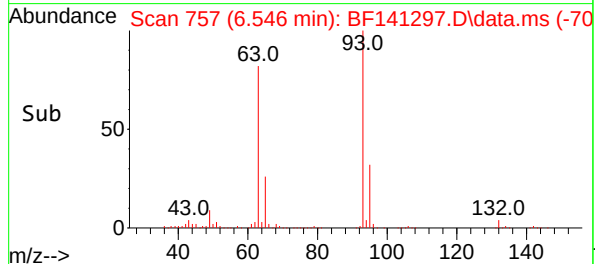
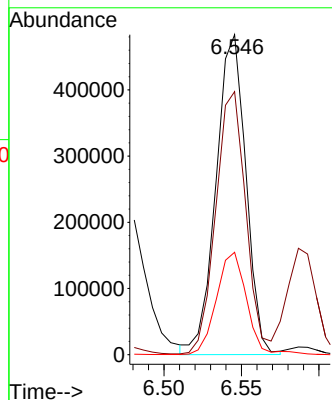
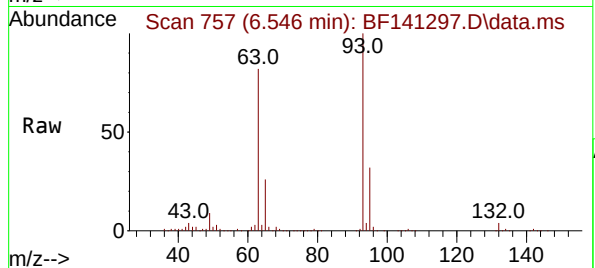




#11
bis(2-Chloroethyl)ether
Concen: 73.535 ng
RT: 6.546 min Scan# 701
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

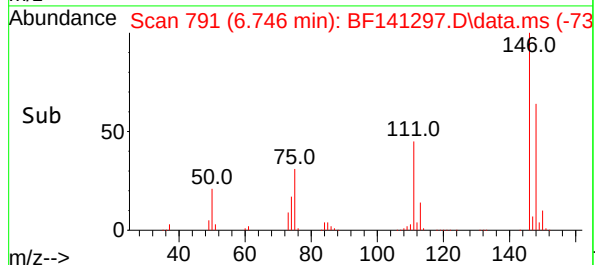
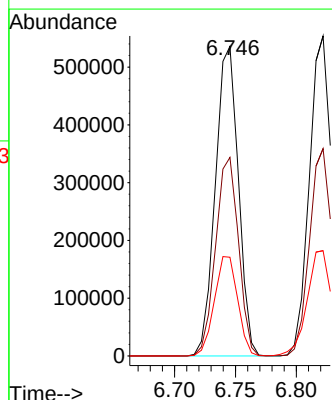
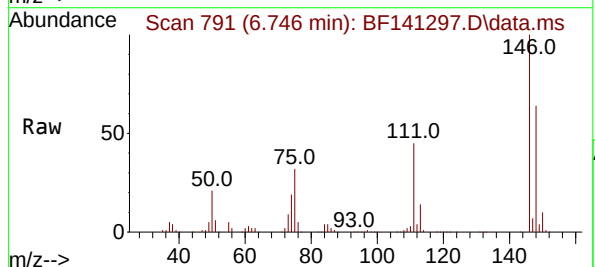
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ClientSampleId :
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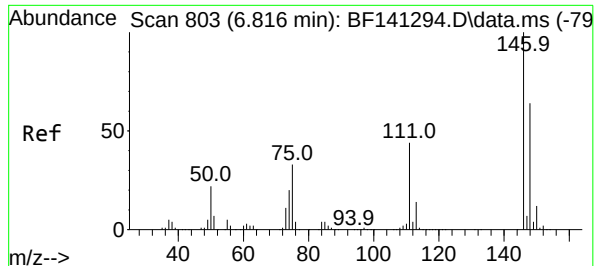
Tgt Ion: 93 Resp: 648287
Ion Ratio Lower Upper
93 100
63 82.2 65.0 105.0
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 69.446 ng
RT: 6.746 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:146 Resp: 704973
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 31.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 69.256 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

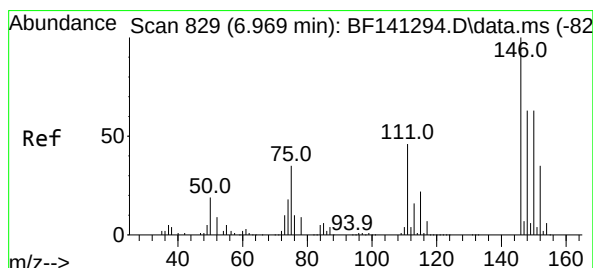
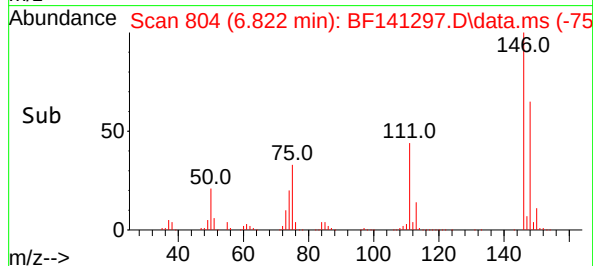
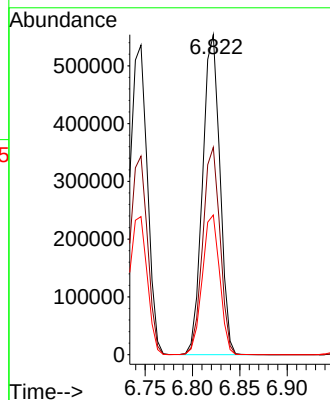
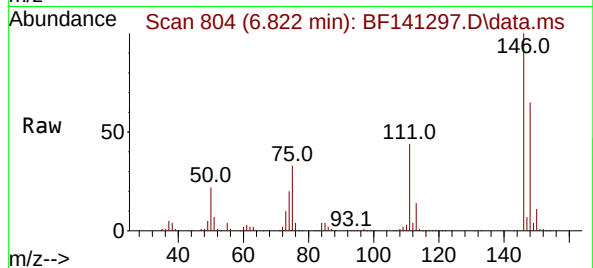
Tgt Ion:146 Resp: 706528

Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

111 43.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 66.867 ng

RT: 6.975 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

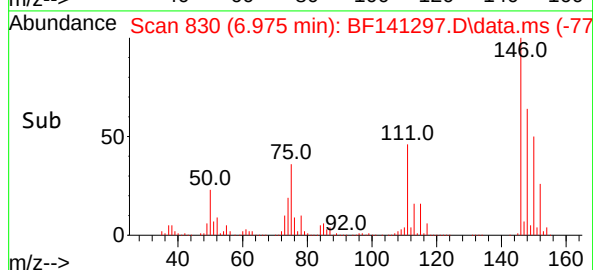
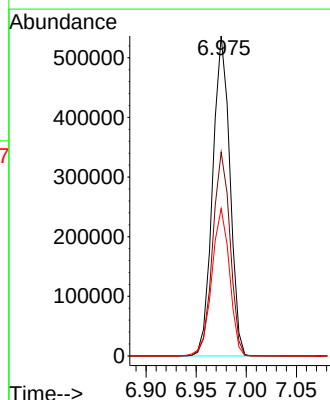
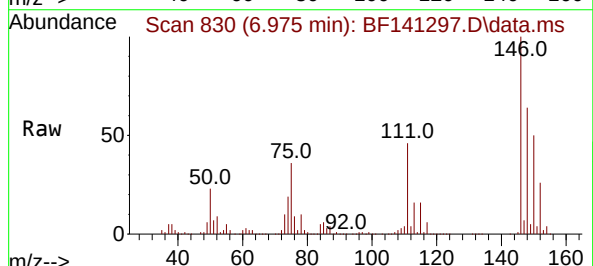
Tgt Ion:146 Resp: 641551

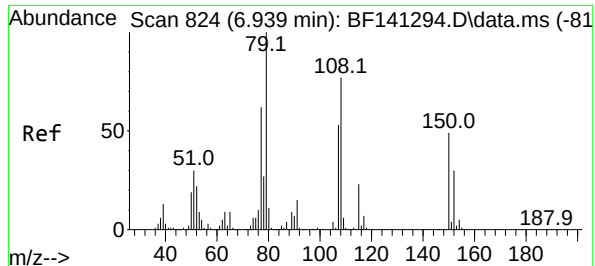
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

111 46.1 36.6 55.0





#15

Benzyl Alcohol

Concen: 71.549 ng

RT: 6.946 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

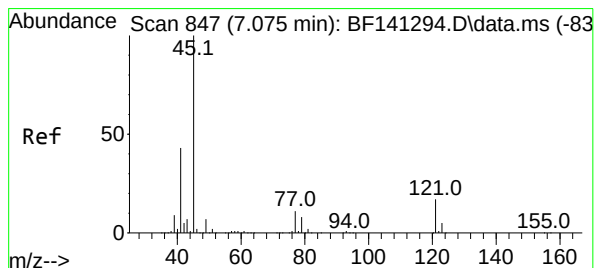
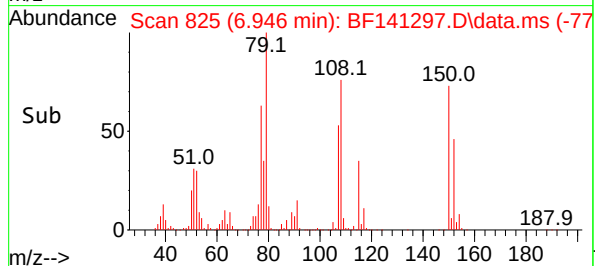
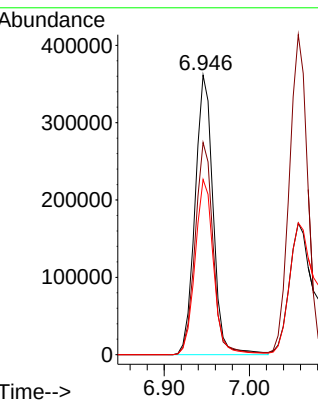
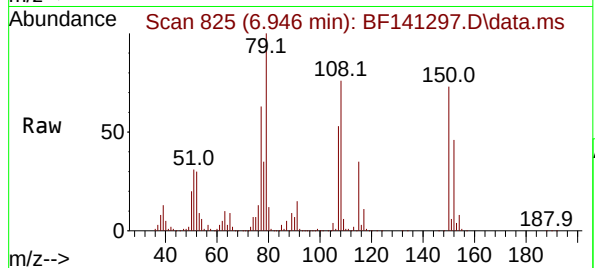
Tgt Ion: 79 Resp: 532270

Ion Ratio Lower Upper

79 100

108 75.9 61.4 92.0

77 62.7 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 70.953 ng

RT: 7.081 min Scan# 848

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

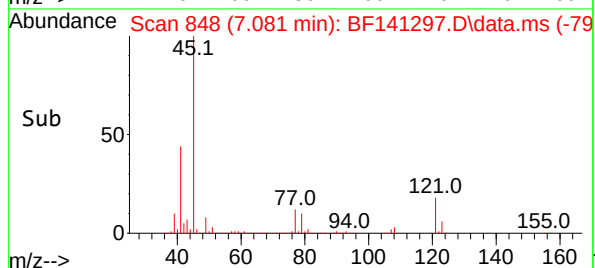
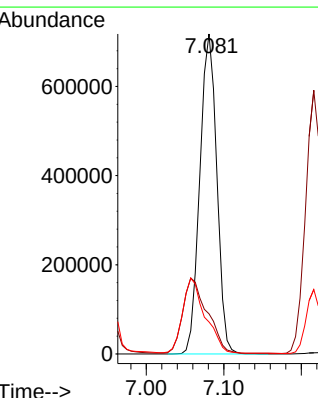
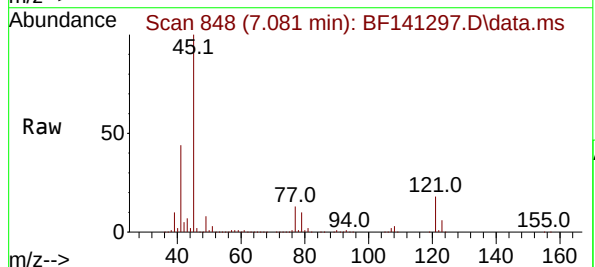
Tgt Ion: 45 Resp: 1092827

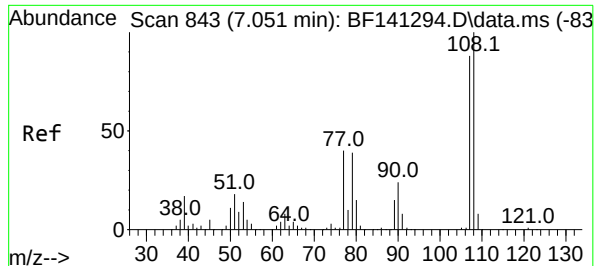
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.8

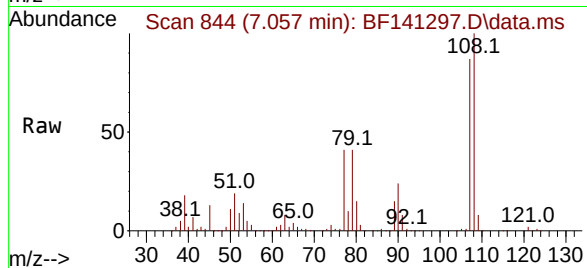
79 10.0 0.0 29.1



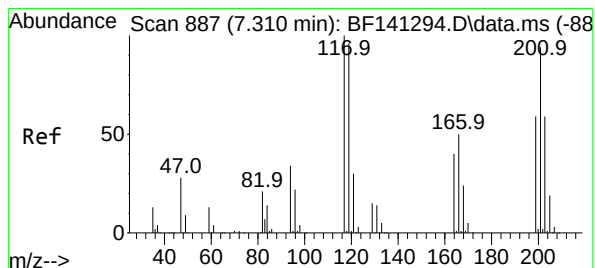
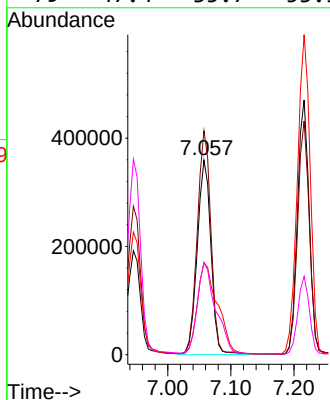
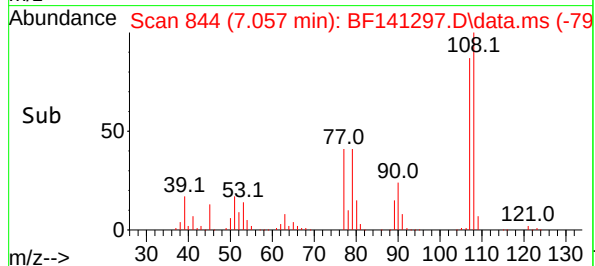


#17
2-Methylphenol
Concen: 73.368 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

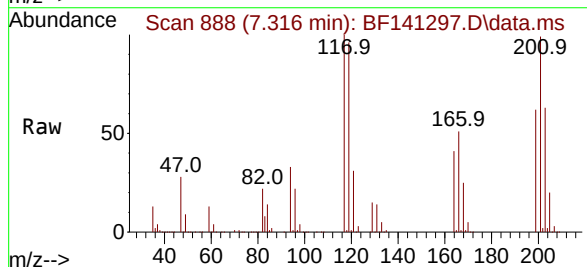
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



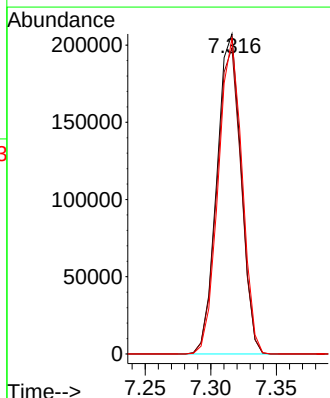
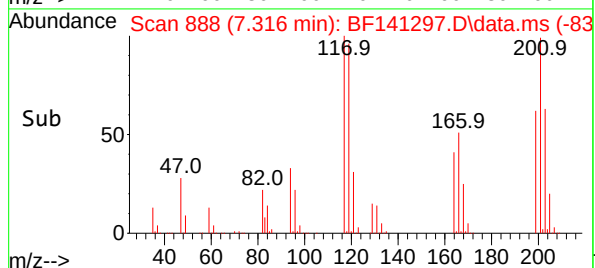
Tgt Ion:107 Resp: 545097
Ion Ratio Lower Upper
107 100
108 115.2 90.8 136.2
77 47.5 36.2 54.4
79 47.4 35.7 53.5

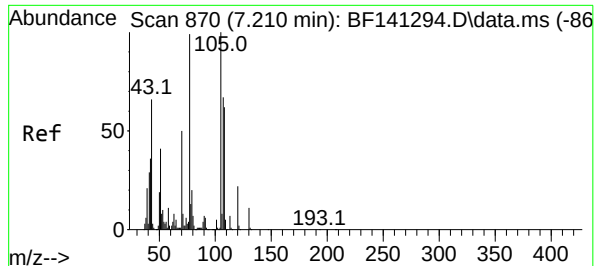


#18
Hexachloroethane
Concen: 70.765 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05



Tgt Ion:117 Resp: 265593
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 98.6 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 69.874 ng

RT: 7.228 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 452303

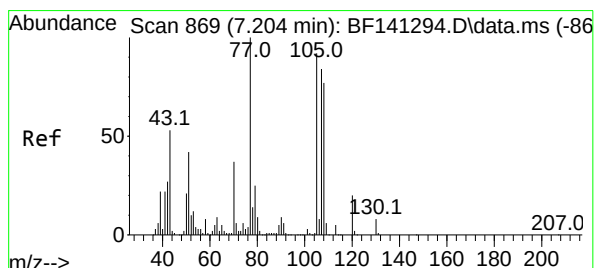
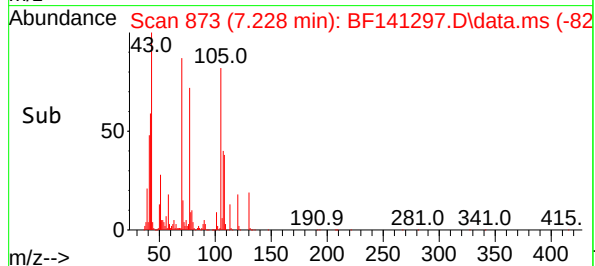
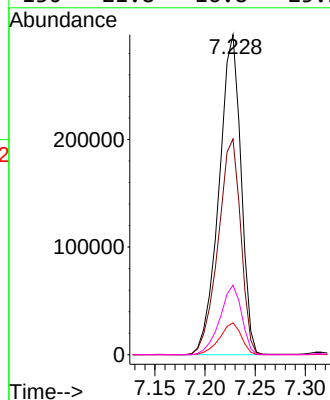
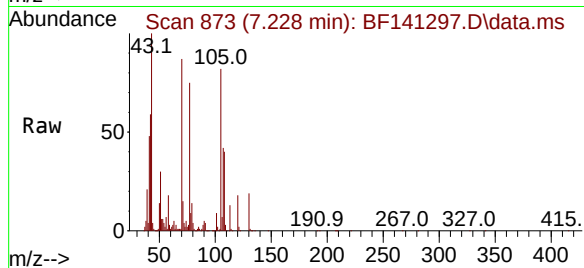
Ion Ratio Lower Upper

70 100

42 67.4 56.8 85.2

101 9.9 7.7 11.5

130 21.8 16.8 25.2



#20

3+4-Methylphenols

Concen: 66.467 ng

RT: 7.216 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion: 107 Resp: 613997

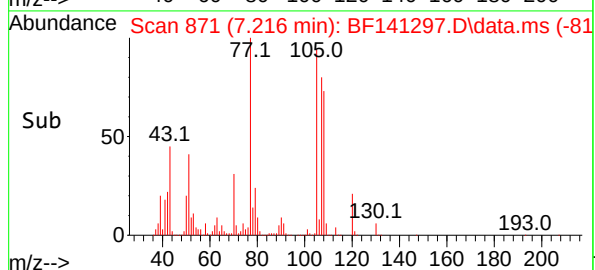
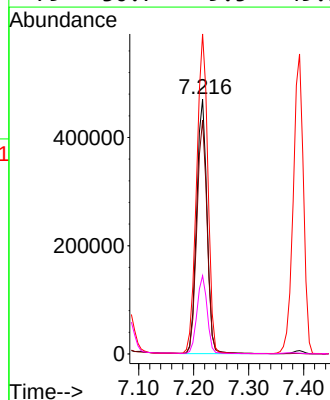
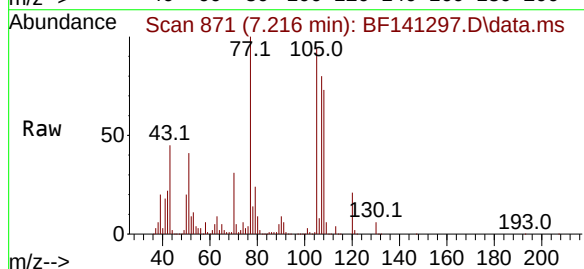
Ion Ratio Lower Upper

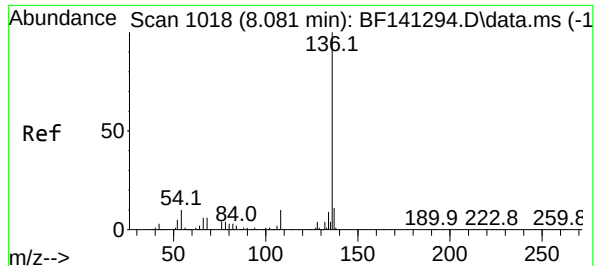
107 100

108 91.8 70.9 110.9

77 125.6 98.5 138.5

79 30.7 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 500219

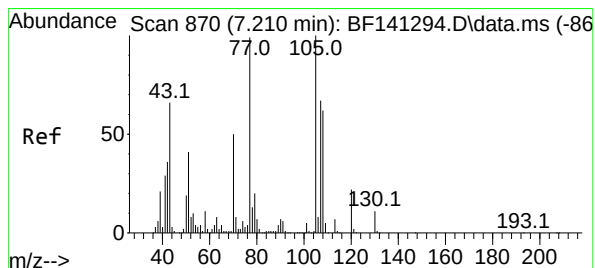
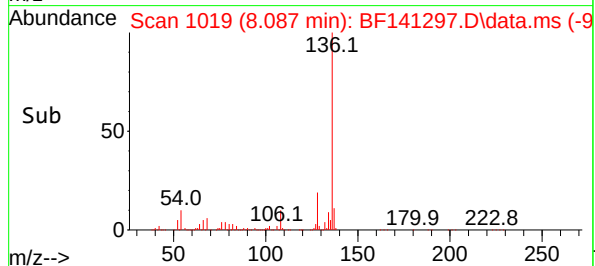
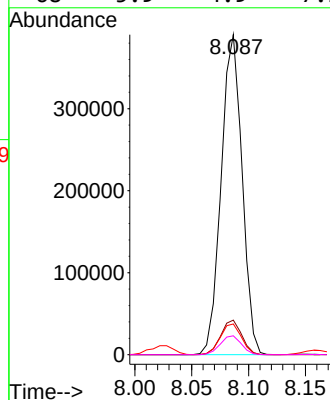
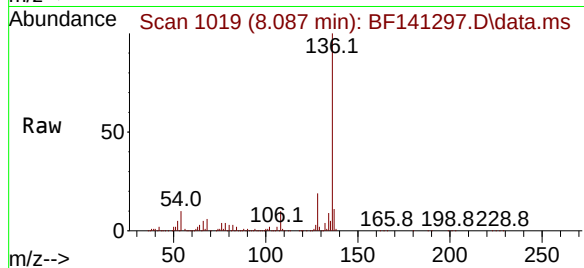
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.6 7.8 11.8

68 5.9 4.9 7.3



#22

Acetophenone

Concen: 67.811 ng

RT: 7.216 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion:105 Resp: 824220

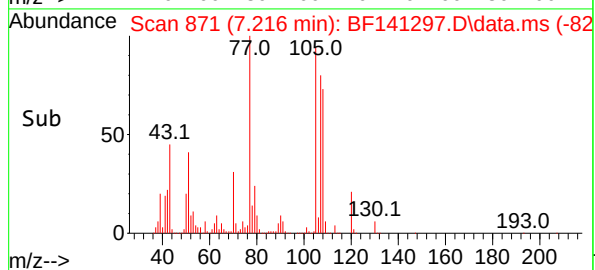
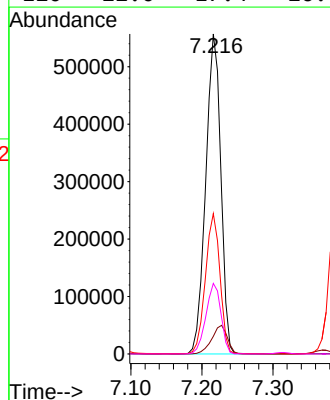
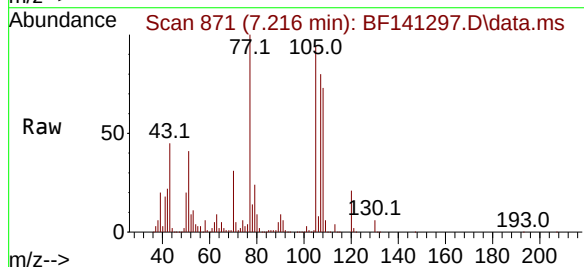
Ion Ratio Lower Upper

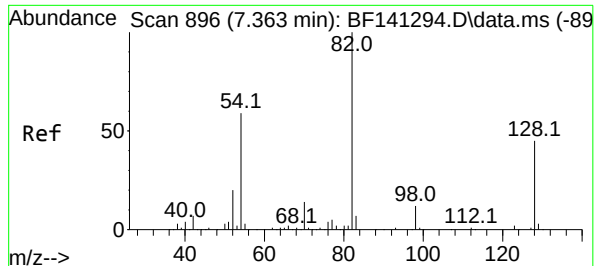
105 100

71 5.5 6.8 10.2#

51 43.9 32.6 49.0

120 22.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 145.214 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

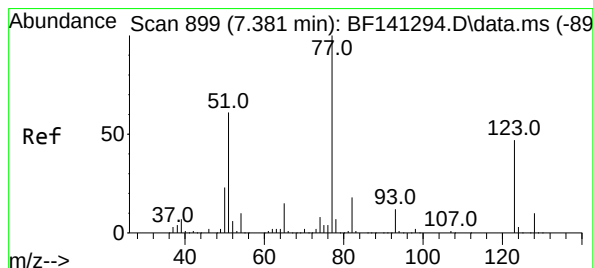
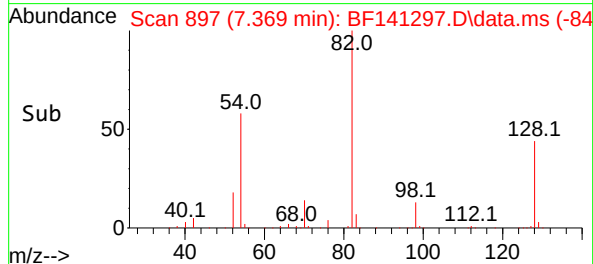
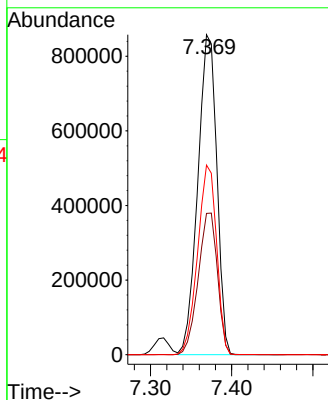
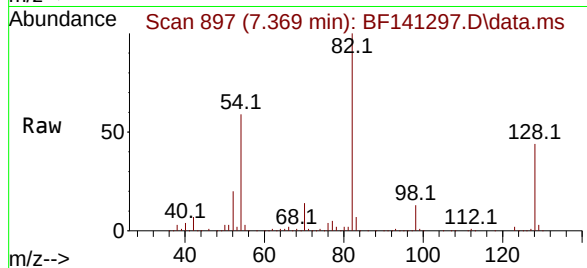
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1396346

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	59.3	47.1	70.7



#24

Nitrobenzene

Concen: 71.762 ng

RT: 7.393 min Scan# 901

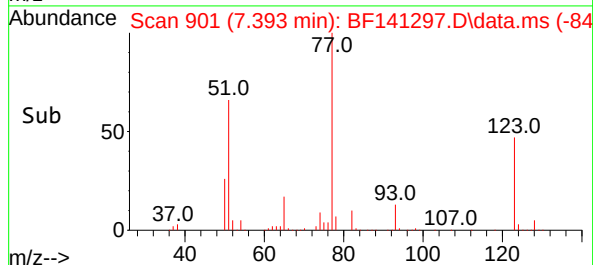
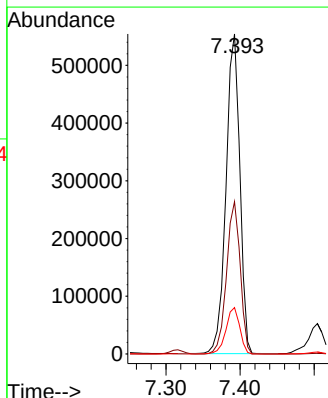
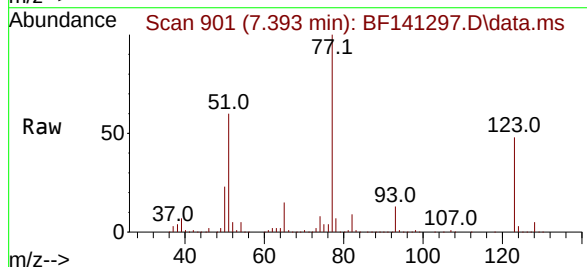
Delta R.T. 0.006 min

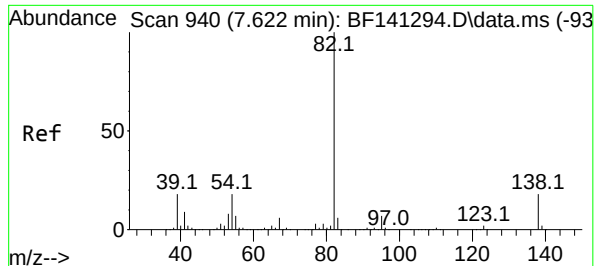
Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion: 77 Resp: 716200

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.3	55.9
65	14.5	11.8	17.6





#25

Isophorone

Concen: 74.193 ng

RT: 7.628 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

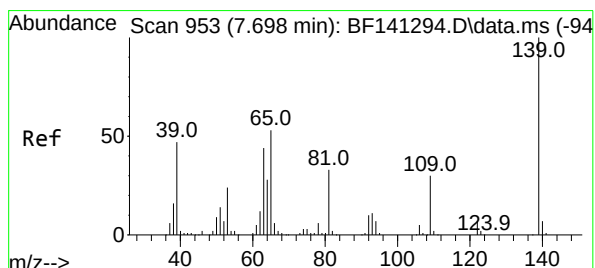
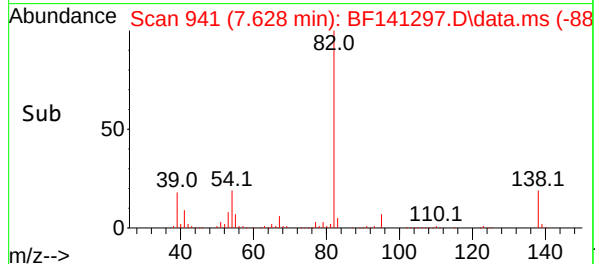
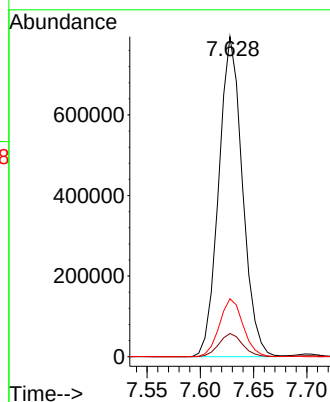
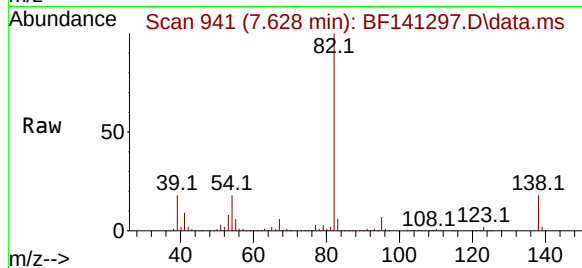
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1229697

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	18.1	14.7	22.1



#26

2-Nitrophenol

Concen: 76.912 ng

RT: 7.704 min Scan# 954

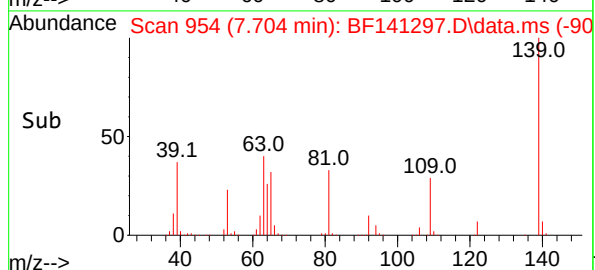
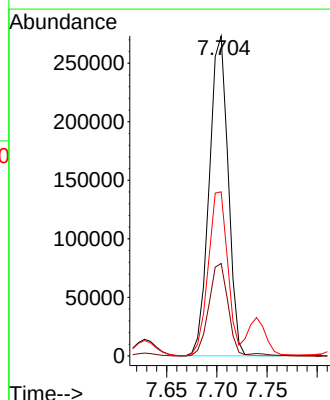
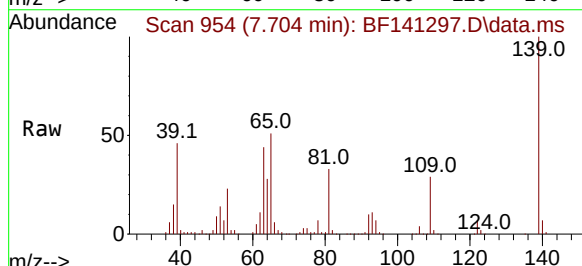
Delta R.T. 0.006 min

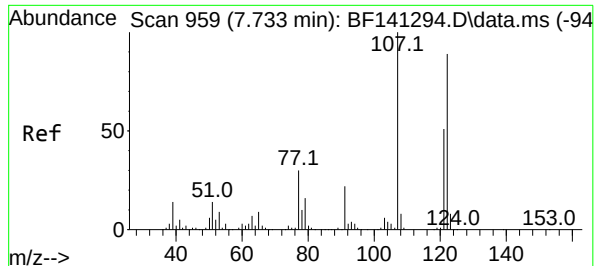
Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion: 139 Resp: 358664

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.8	35.6
65	51.3	42.2	63.4





#27

2,4-Dimethylphenol

Concen: 74.779 ng

RT: 7.740 min Scan# 9

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

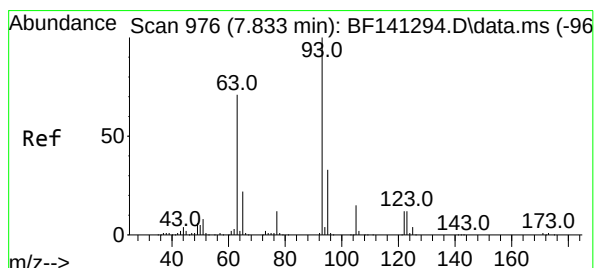
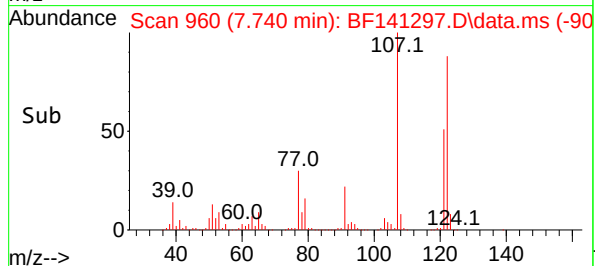
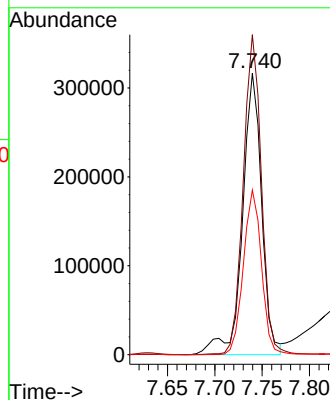
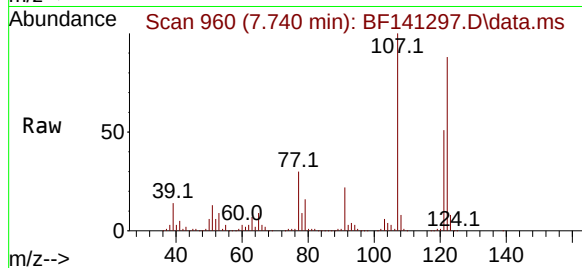
Tgt Ion:122 Resp: 445560

Ion Ratio Lower Upper

122 100

107 113.7 89.9 134.9

121 58.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 72.405 ng

RT: 7.840 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

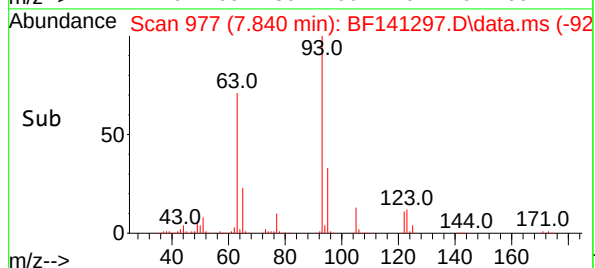
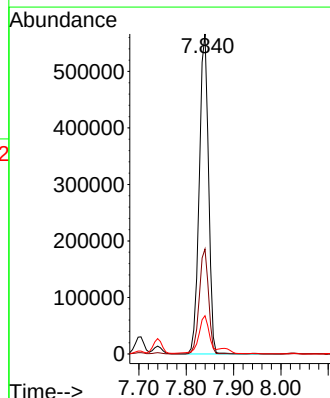
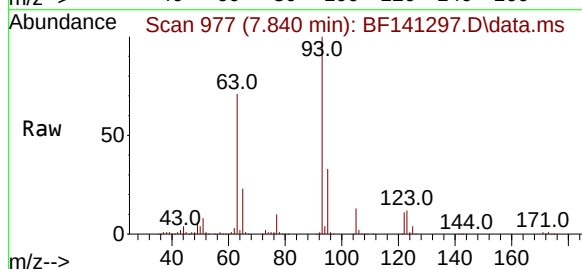
Tgt Ion: 93 Resp: 767960

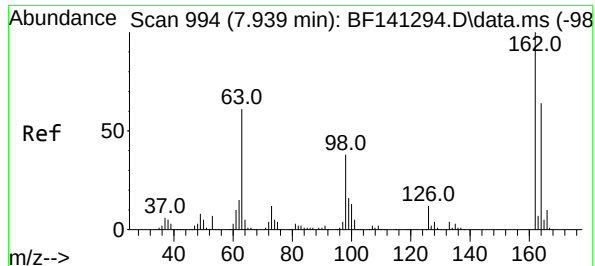
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 71.573 ng

RT: 7.945 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

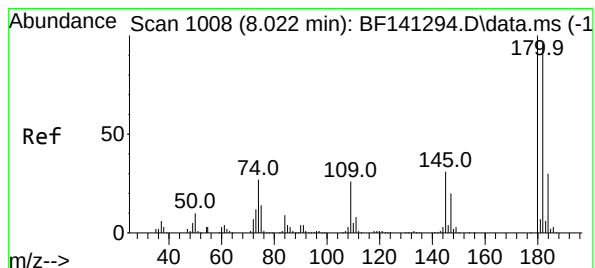
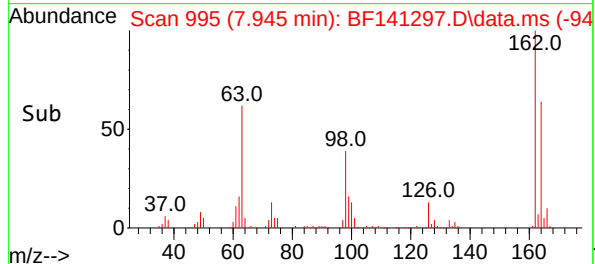
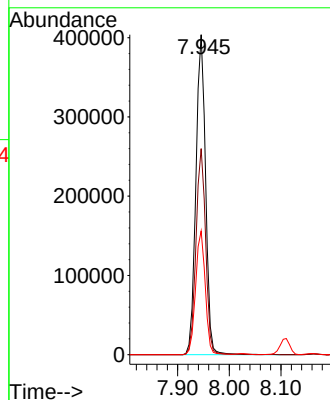
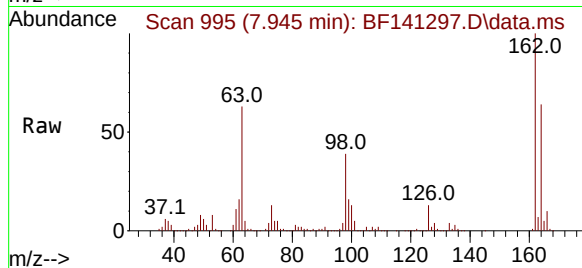
Tgt Ion:162 Resp: 525117

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

98 38.6 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 69.437 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

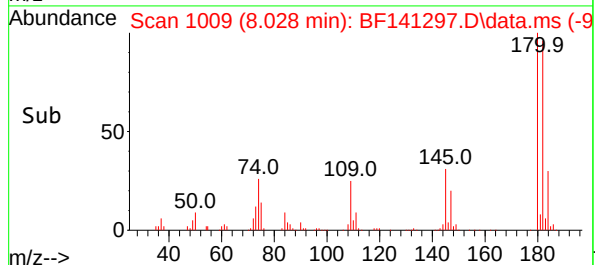
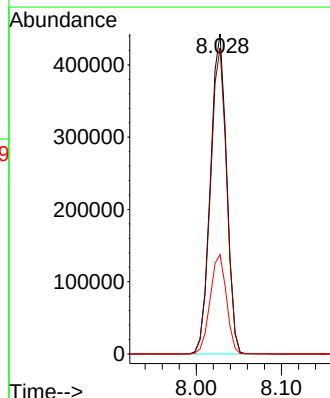
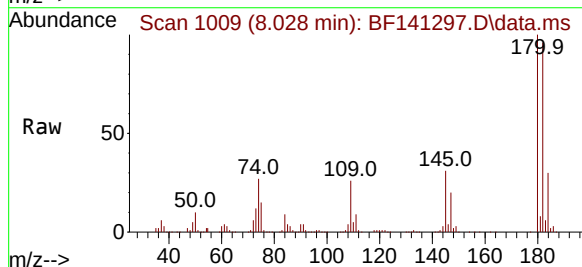
Tgt Ion:180 Resp: 584061

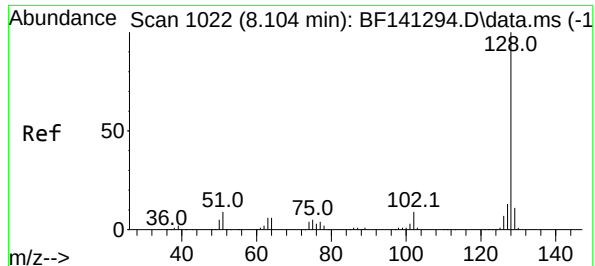
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 31.0 24.9 37.3





#31

Naphthalene

Concen: 68.107 ng

RT: 8.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

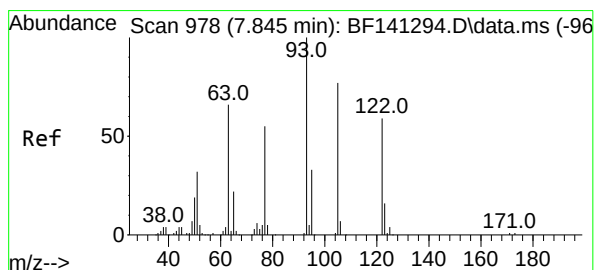
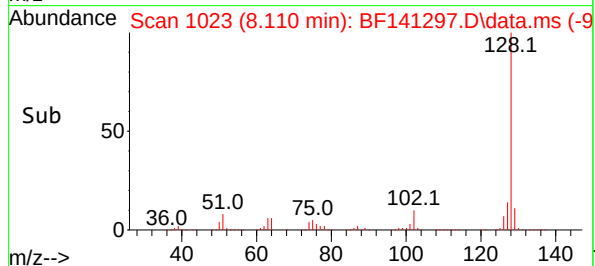
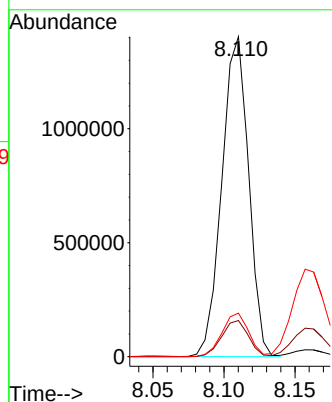
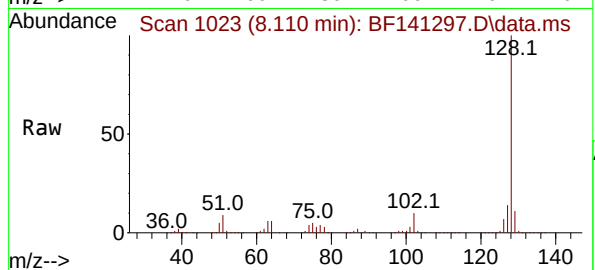
Tgt Ion:128 Resp: 1838789

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.6 10.6 15.8



#32

Benzoic acid

Concen: 91.066 ng

RT: 7.881 min Scan# 984

Delta R.T. 0.018 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

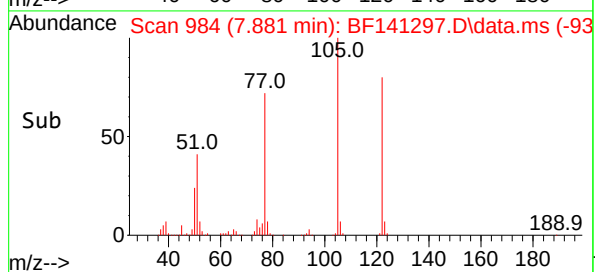
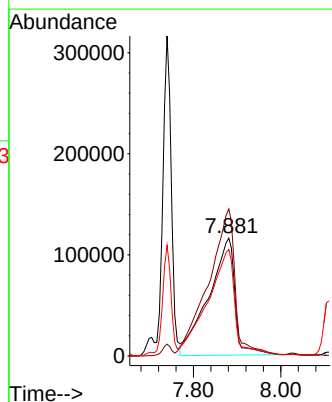
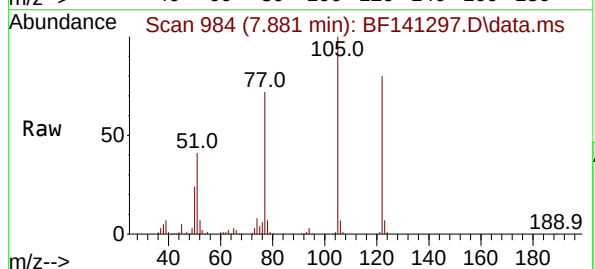
Tgt Ion:122 Resp: 484583

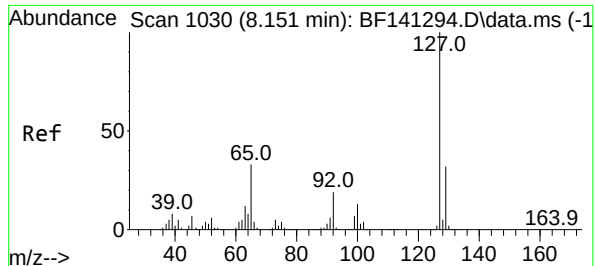
Ion Ratio Lower Upper

122 100

105 124.8 103.4 143.4

77 90.5 70.9 110.9

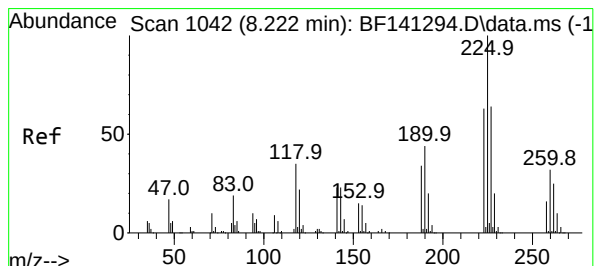
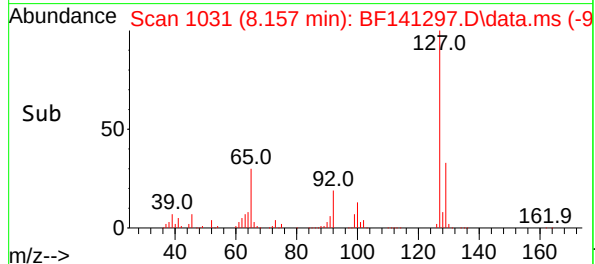
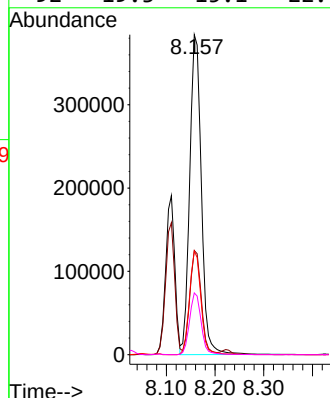
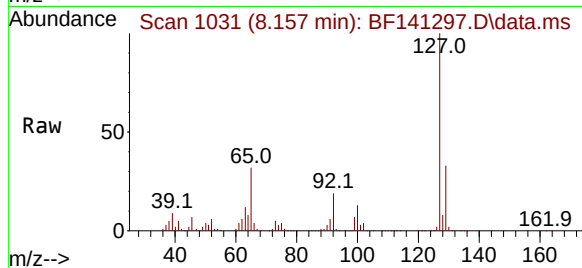




#33
4-Chloroaniline
Concen: 69.737 ng
RT: 8.157 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

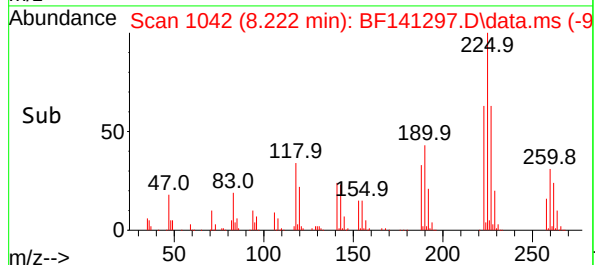
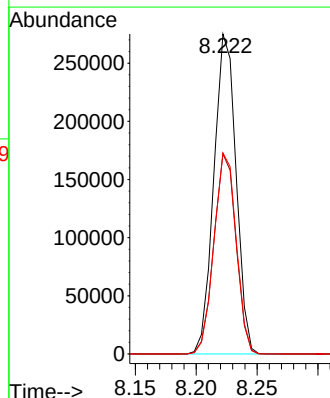
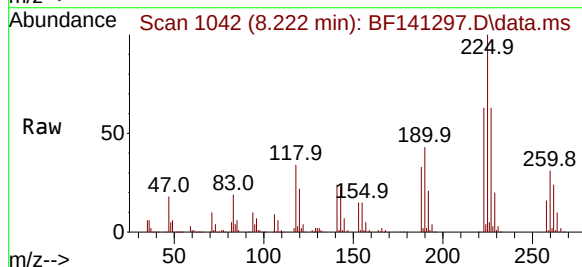
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

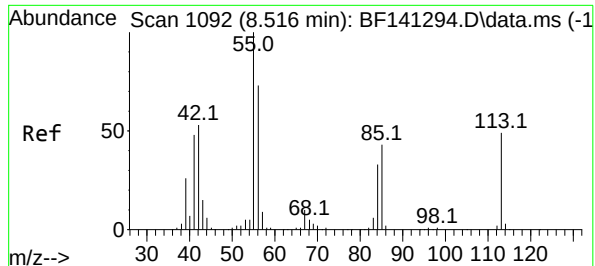
Tgt Ion:	127	Resp:	636568
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	32.4	26.4	39.6
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 70.904 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:	225	Resp:	348822
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	62.9	51.3	76.9

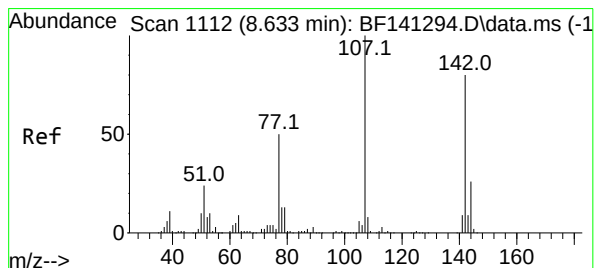
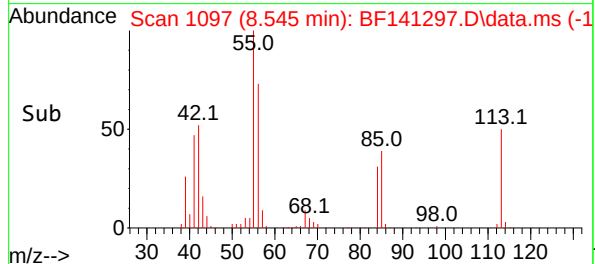
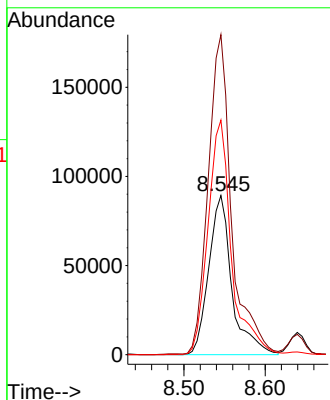
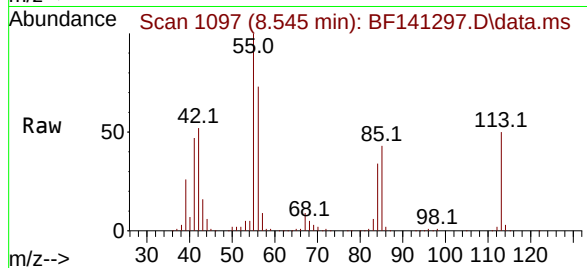




#35
Caprolactam
Concen: 74.270 ng
RT: 8.545 min Scan# 1097
Delta R.T. 0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

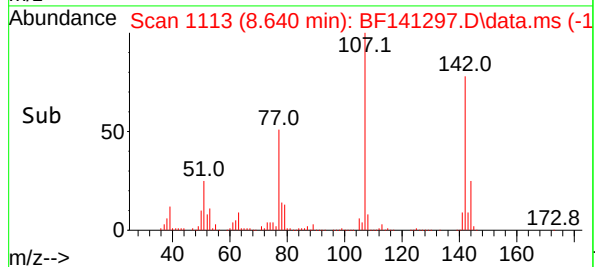
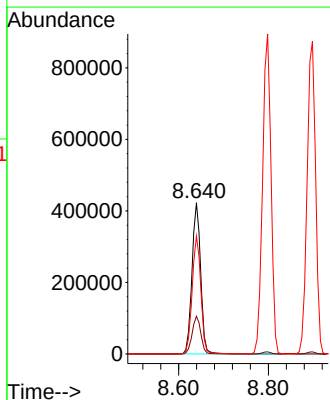
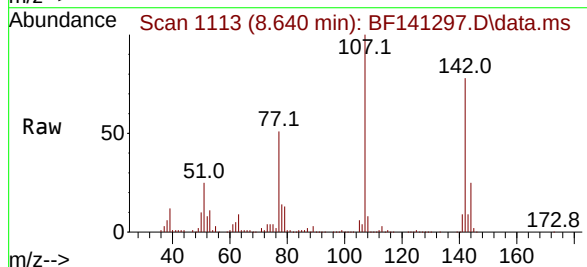
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

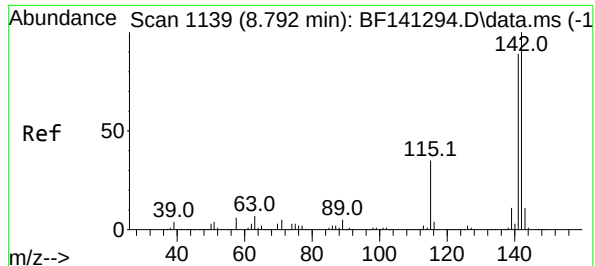
Tgt Ion:113 Resp: 177093
Ion Ratio Lower Upper
113 100
55 201.0 182.9 222.9
56 147.3 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 72.094 ng
RT: 8.640 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:107 Resp: 566827
Ion Ratio Lower Upper
107 100
144 24.9 20.7 31.1
142 77.9 63.8 95.8





#37

2-Methylnaphthalene

Concen: 67.926 ng

RT: 8.798 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

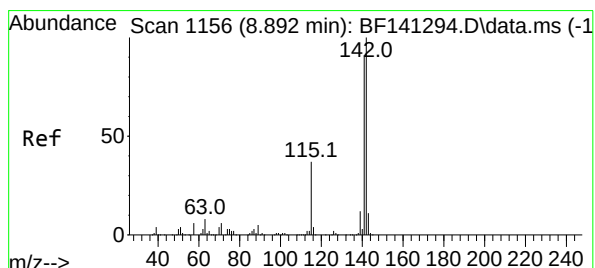
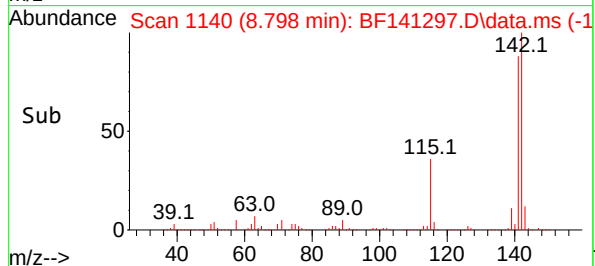
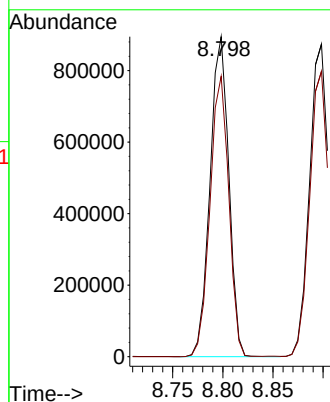
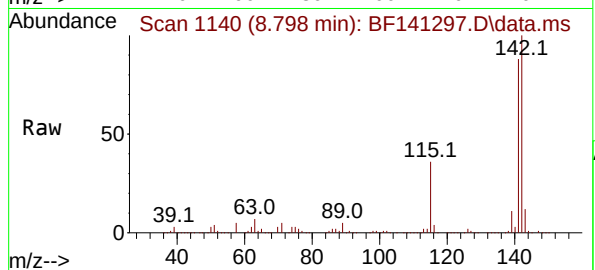
SSTDICC080

Tgt Ion:142 Resp: 1165995

Ion Ratio Lower Upper

142 100

141 87.6 71.3 106.9



#38

1-Methylnaphthalene

Concen: 67.988 ng

RT: 8.898 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF141297.D

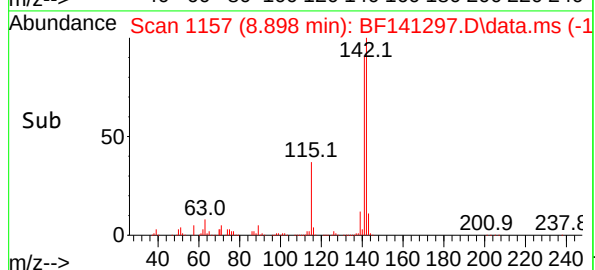
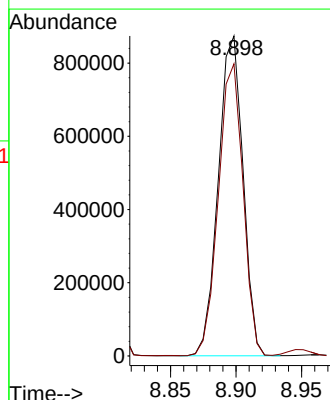
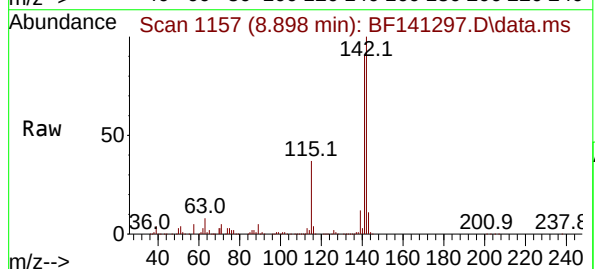
Acq: 29 Jan 2025 17:05

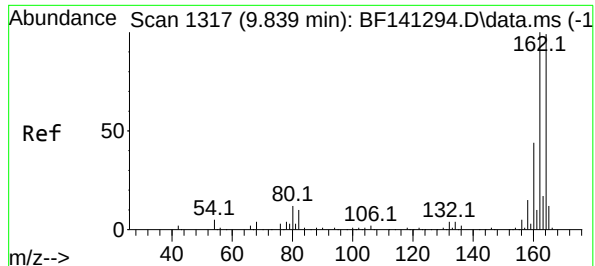
Tgt Ion:142 Resp: 1146275

Ion Ratio Lower Upper

142 100

141 91.3 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

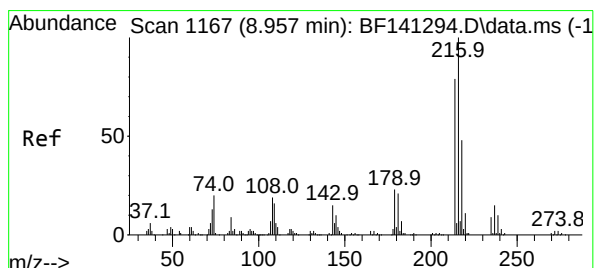
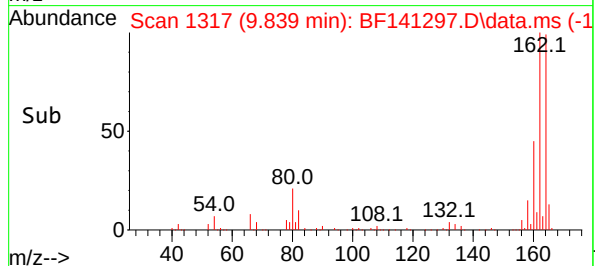
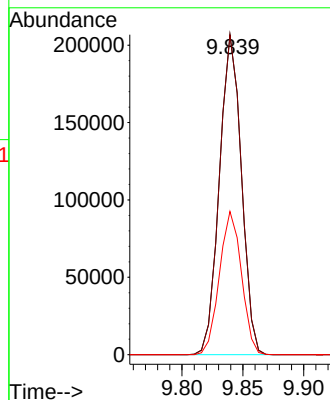
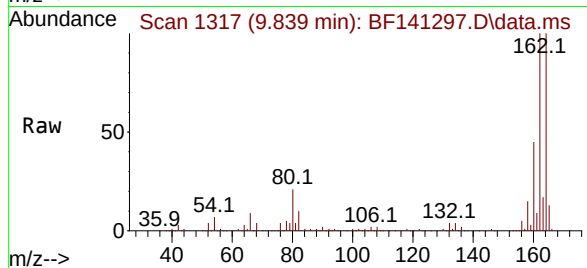
Tgt Ion:164 Resp: 259556

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

160 44.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.756 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion:216 Resp: 531237

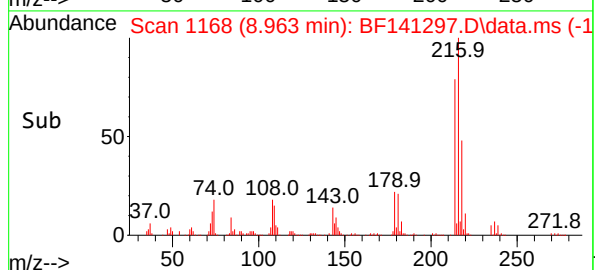
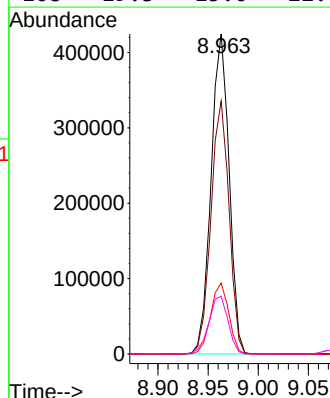
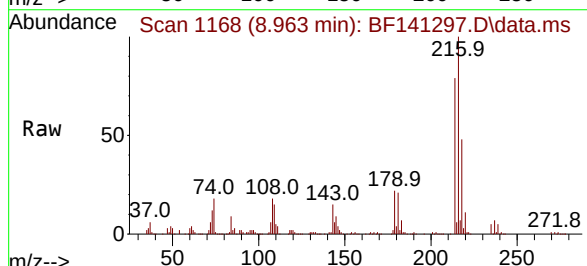
Ion Ratio Lower Upper

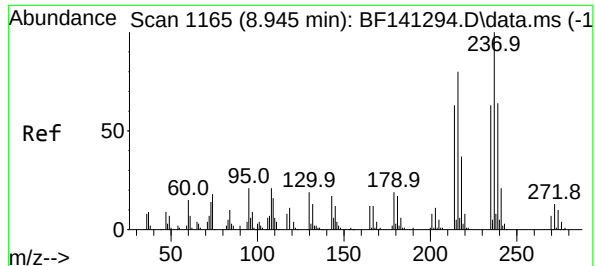
216 100

214 79.2 63.2 94.8

179 22.3 17.8 26.8

108 19.3 15.0 22.6

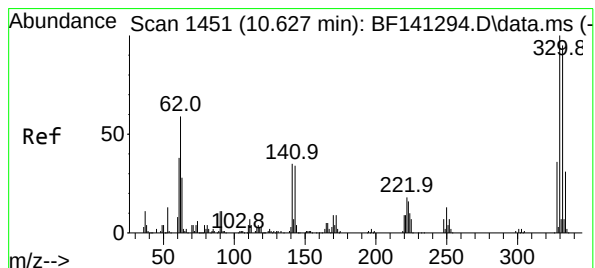
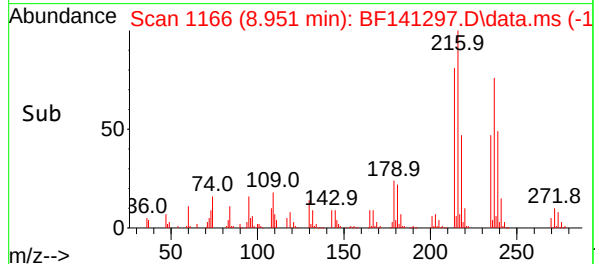
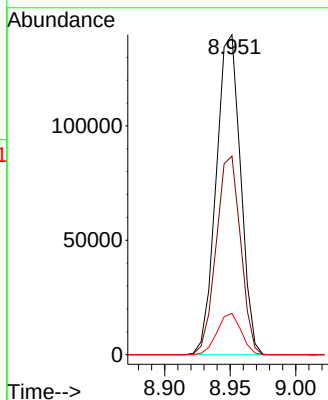
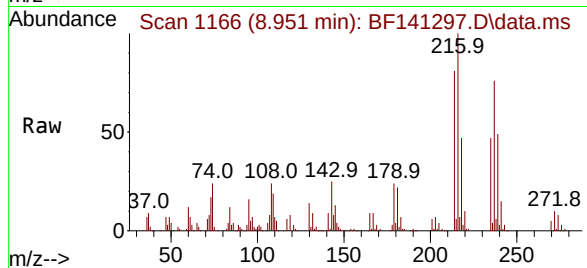




#41
Hexachlorocyclopentadiene
Concen: 83.336 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

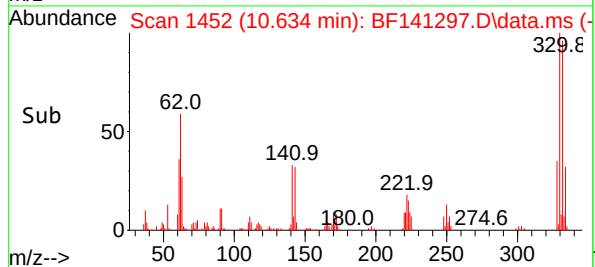
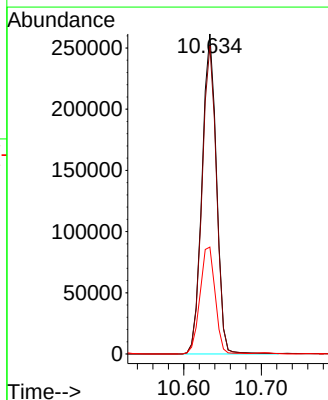
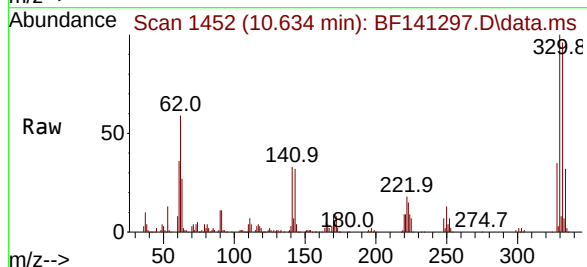
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

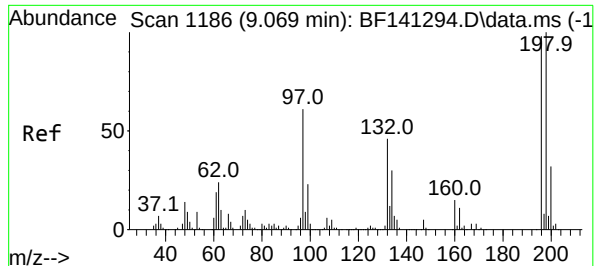
Tgt Ion:237 Resp: 180658
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 139.281 ng
RT: 10.634 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:330 Resp: 337670
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 35.3 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 73.727 ng

RT: 9.075 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

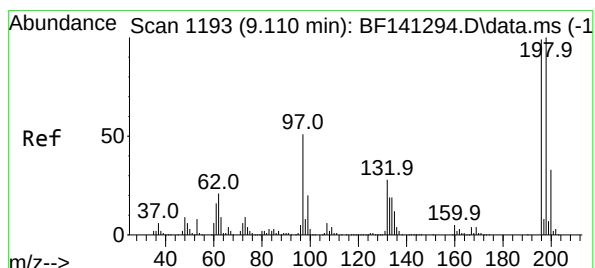
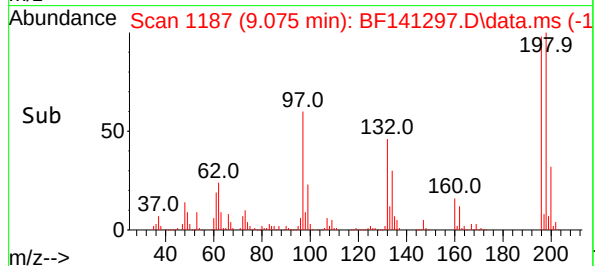
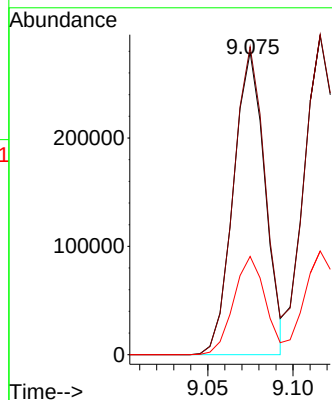
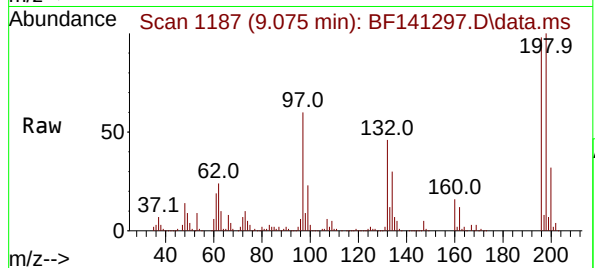
Tgt Ion:196 Resp: 360370

Ion Ratio Lower Upper

196 100

198 101.8 81.8 122.6

200 32.5 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 74.958 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion:196 Resp: 397887

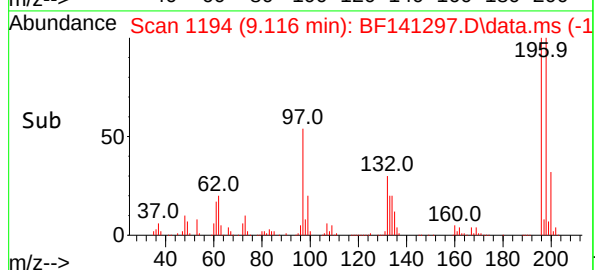
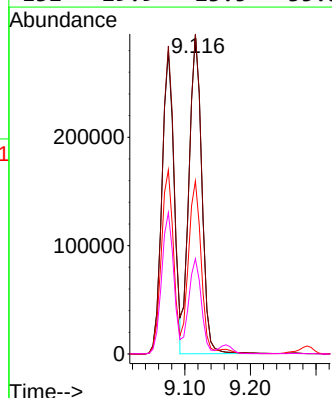
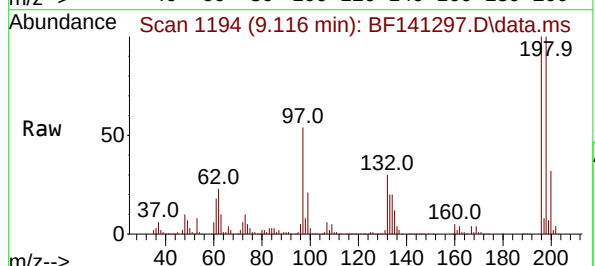
Ion Ratio Lower Upper

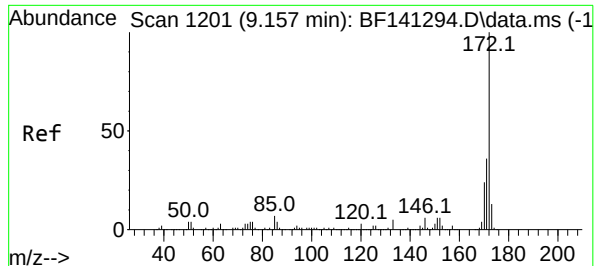
196 100

198 100.3 80.5 120.7

97 54.2 42.8 64.2

132 29.9 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 129.739 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

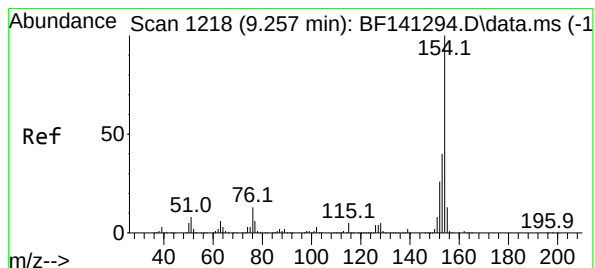
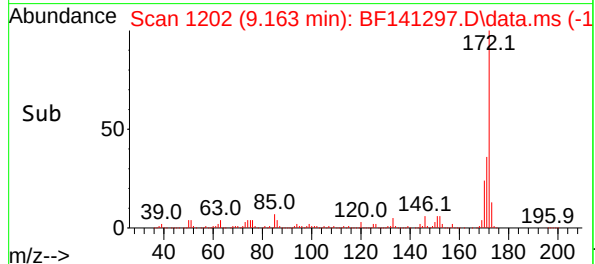
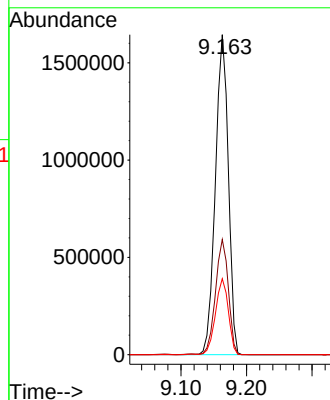
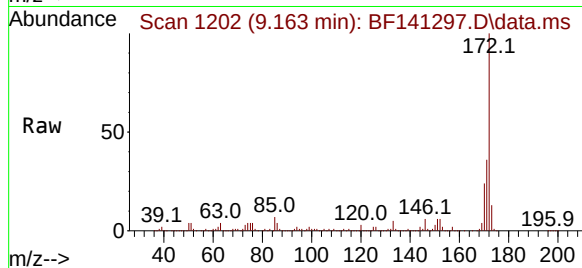
Tgt Ion:172 Resp: 2248567

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 68.298 ng

RT: 9.263 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

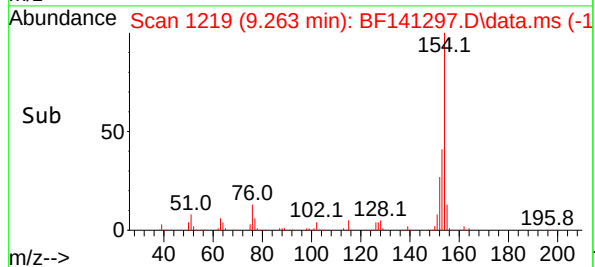
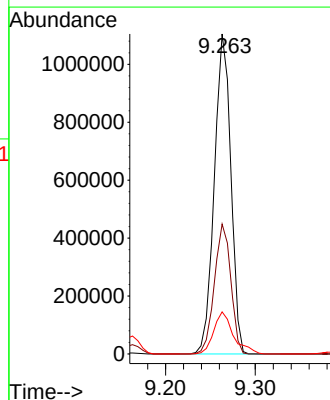
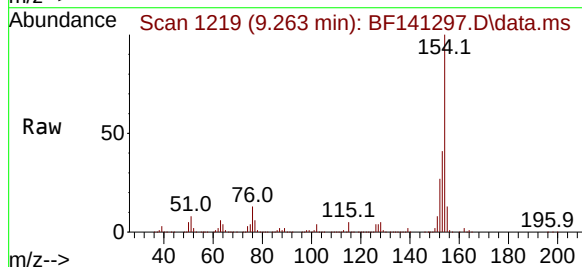
Tgt Ion:154 Resp: 1412015

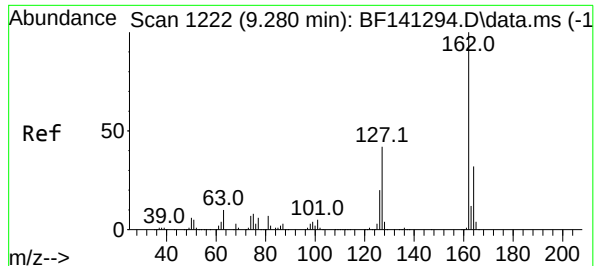
Ion Ratio Lower Upper

154 100

153 40.6 20.0 60.0

76 13.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 69.578 ng

RT: 9.287 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

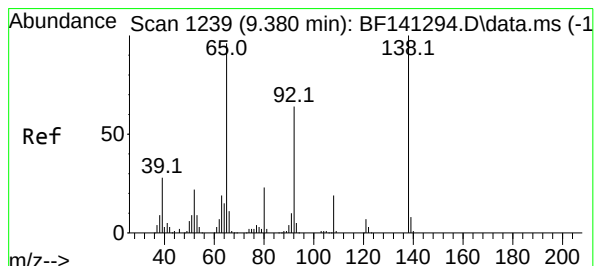
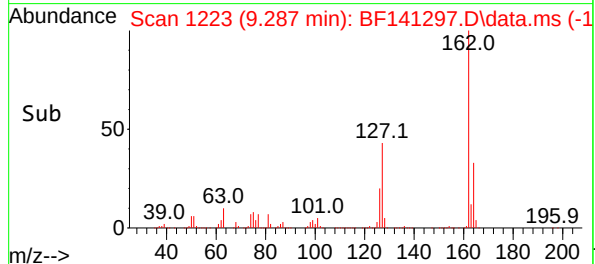
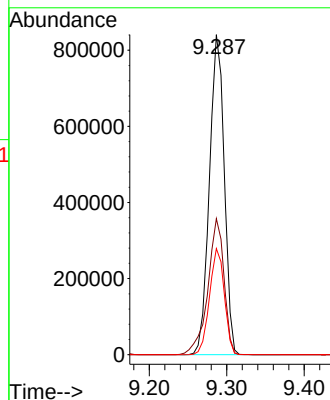
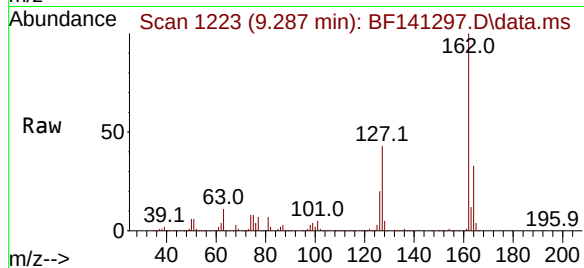
Tgt Ion:162 Resp: 1118593

Ion Ratio Lower Upper

162 100

127 42.5 33.7 50.5

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 75.652 ng

RT: 9.381 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

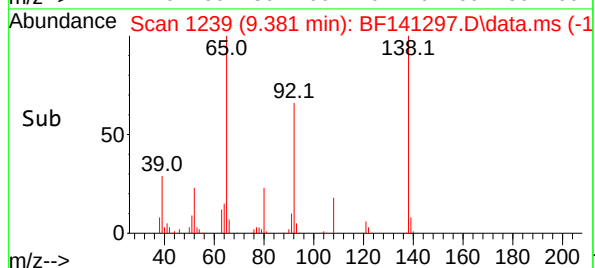
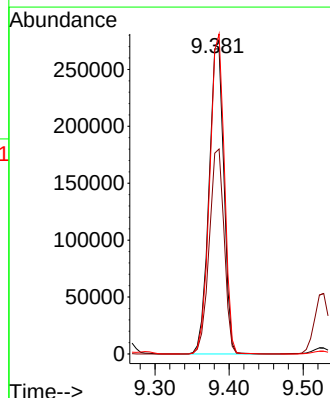
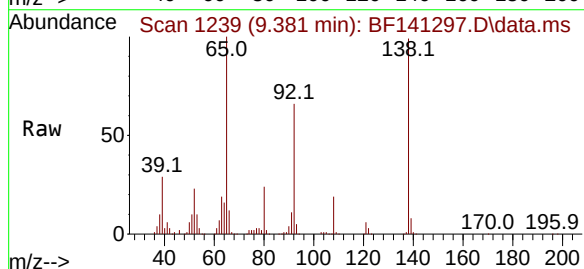
Tgt Ion: 65 Resp: 378379

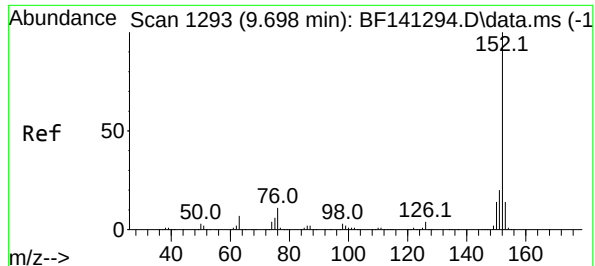
Ion Ratio Lower Upper

65 100

92 65.8 53.3 79.9

138 99.5 83.6 125.4





#49

Acenaphthylene

Concen: 68.901 ng

RT: 9.704 min Scan# 1294

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

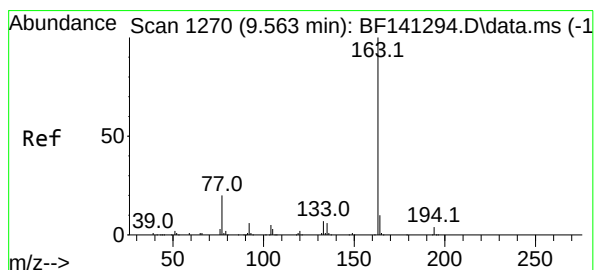
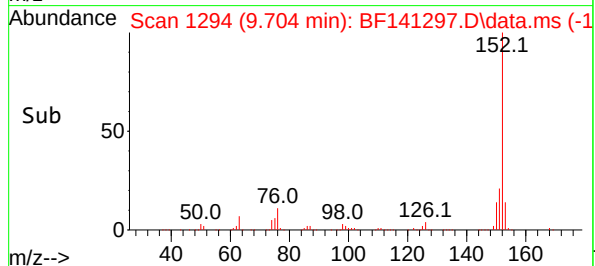
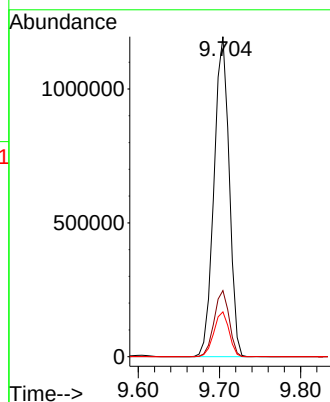
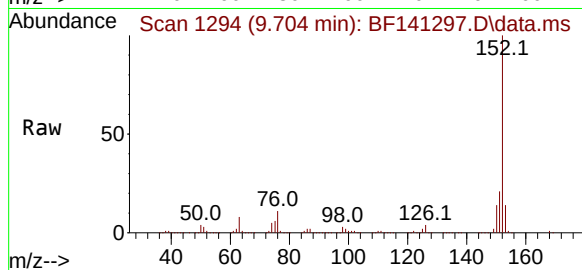
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 1552508

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	14.0	11.0	16.6



#50

Dimethylphthalate

Concen: 71.308 ng

RT: 9.569 min Scan# 1271

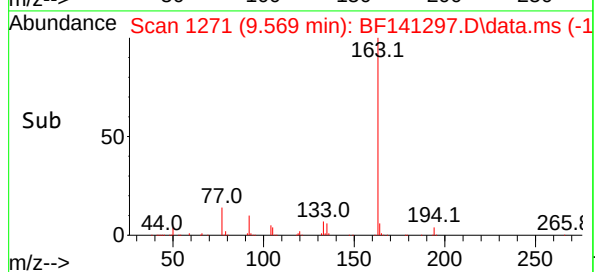
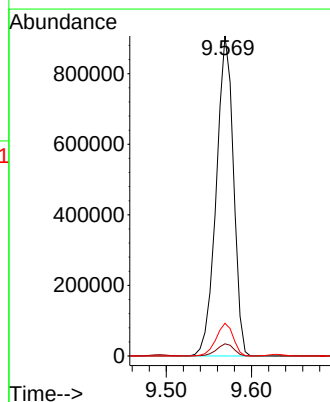
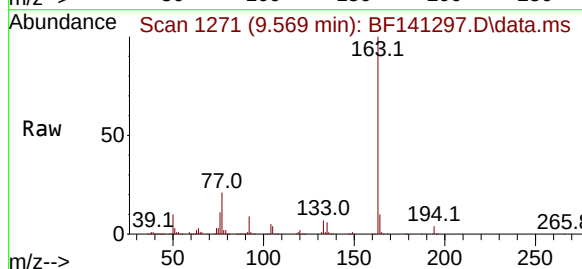
Delta R.T. 0.000 min

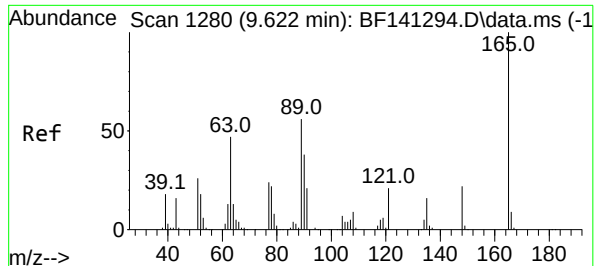
Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Tgt Ion:163 Resp: 1269770

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0

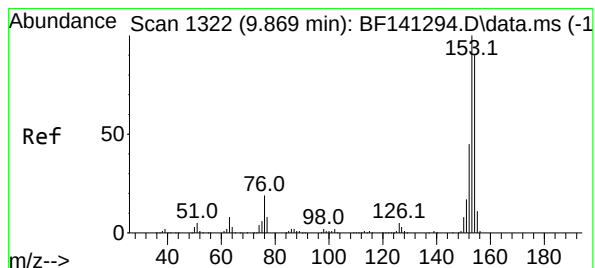
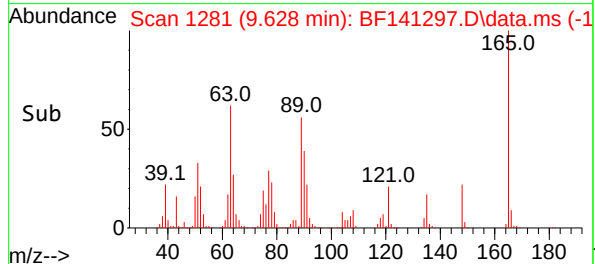
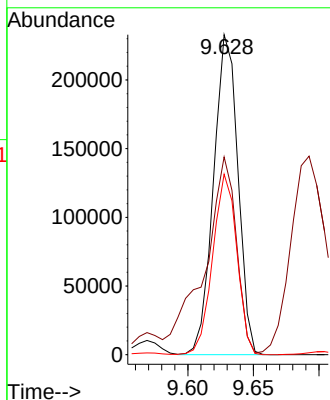
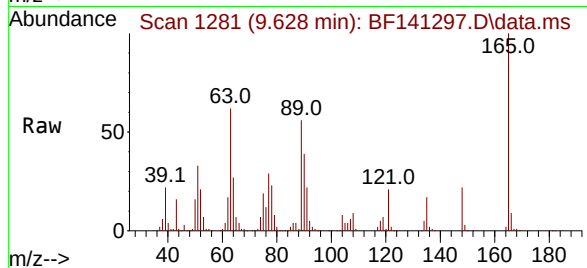




#51
2,6-Dinitrotoluene
Concen: 72.992 ng
RT: 9.628 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

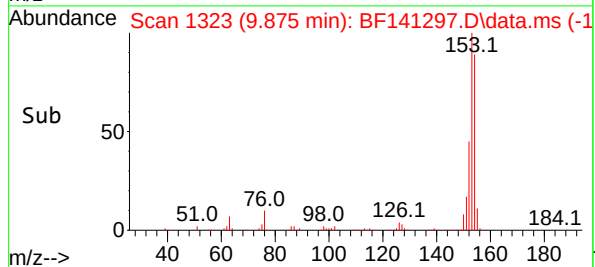
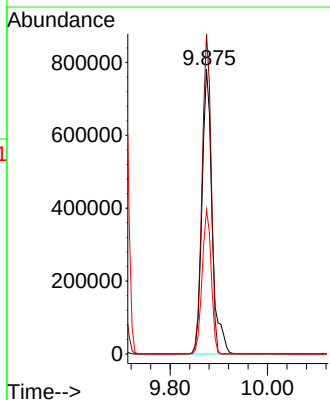
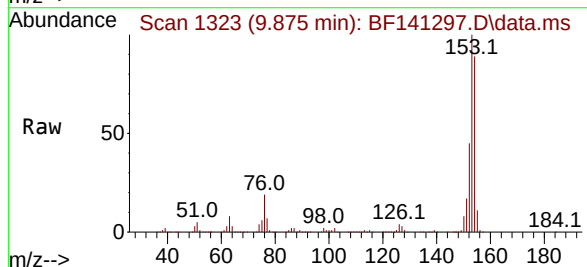
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

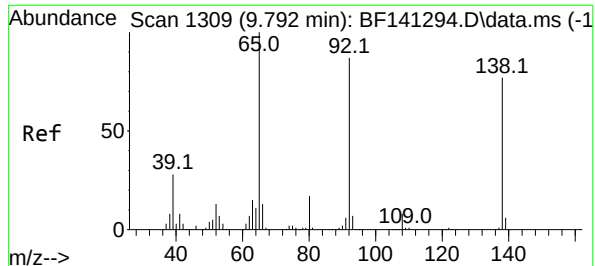
Tgt Ion:165 Resp: 300867
Ion Ratio Lower Upper
165 100
63 61.8 48.1 72.1
89 56.4 44.9 67.3



#52
Acenaphthene
Concen: 69.700 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:154 Resp: 1120345
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.4
152 50.7 40.2 60.4

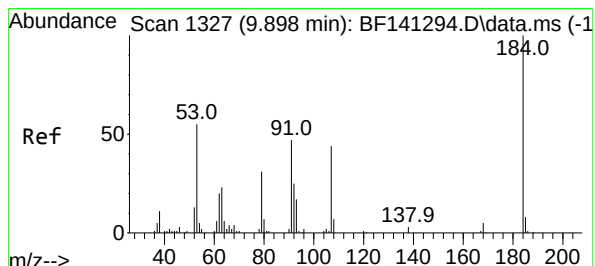
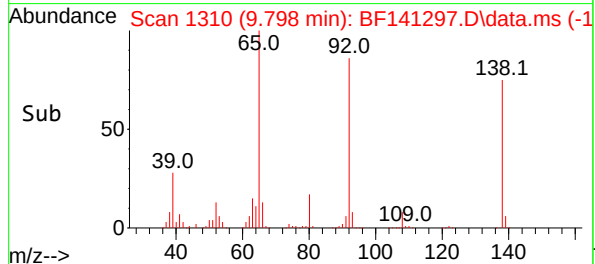
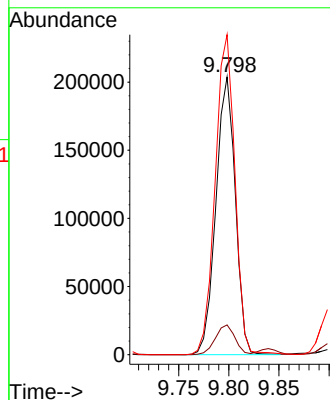
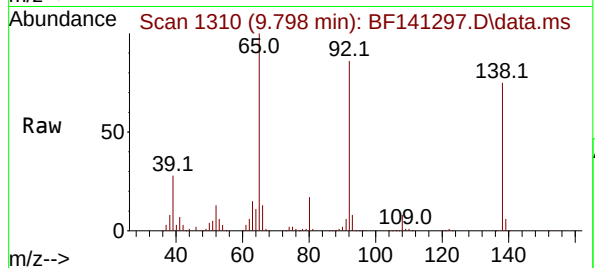




#53
3-Nitroaniline
Concen: 67.215 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

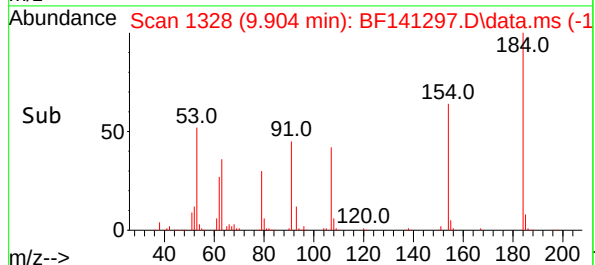
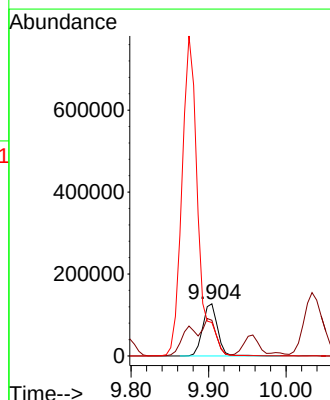
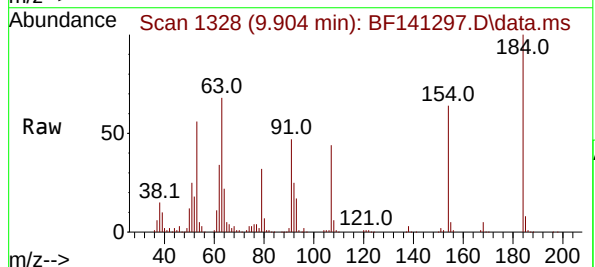
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

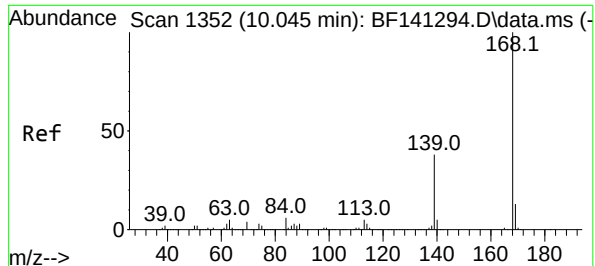
Tgt Ion:138 Resp: 274410
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 115.2 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 101.582 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:184 Resp: 169946
Ion Ratio Lower Upper
184 100
63 68.3 54.1 81.1
154 64.0 50.7 76.1





#55

Dibenzenofuran

Concen: 67.158 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

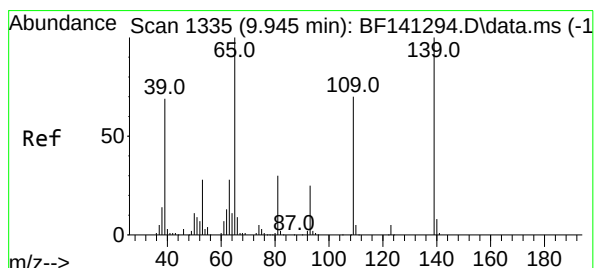
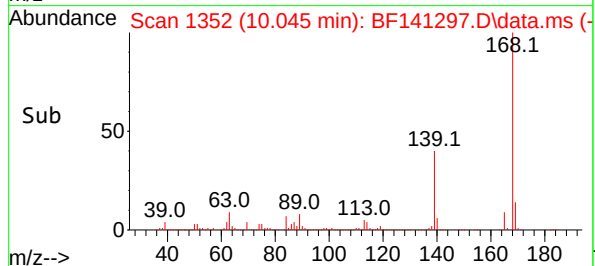
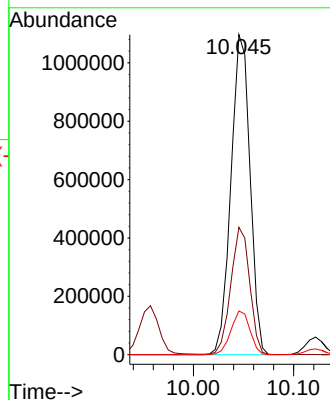
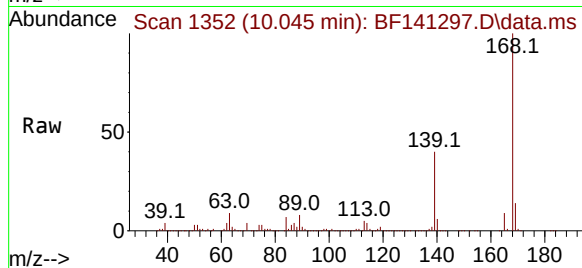
Tgt Ion:168 Resp: 1451668

Ion Ratio Lower Upper

168 100

139 39.8 30.6 46.0

169 13.7 10.8 16.2



#56

4-Nitrophenol

Concen: 78.788 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

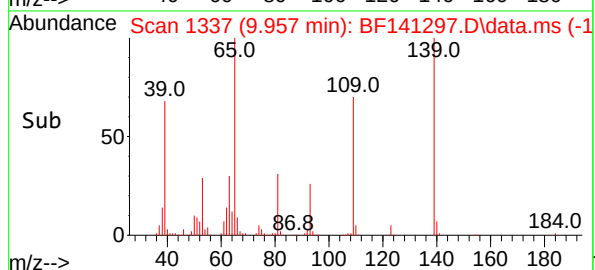
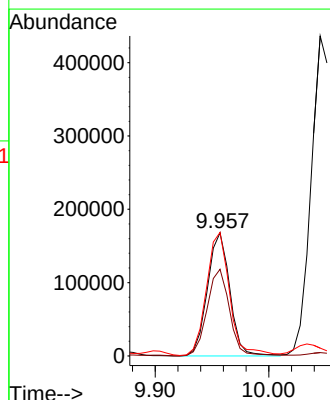
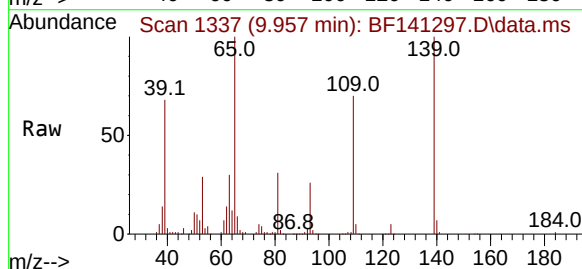
Tgt Ion:139 Resp: 230369

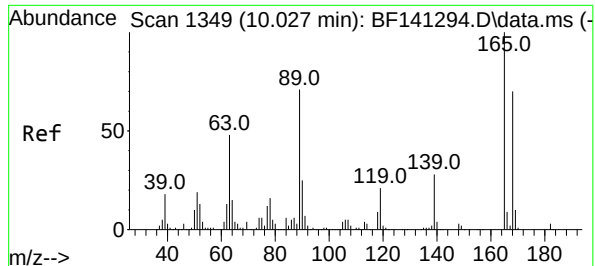
Ion Ratio Lower Upper

139 100

109 70.4 50.2 90.2

65 100.3 80.6 120.6

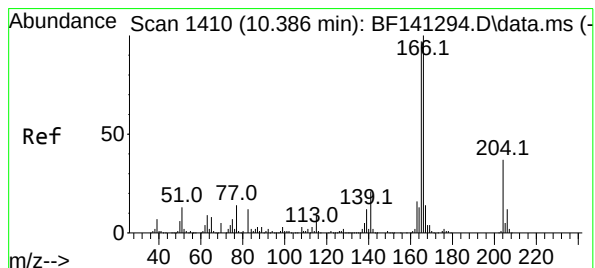
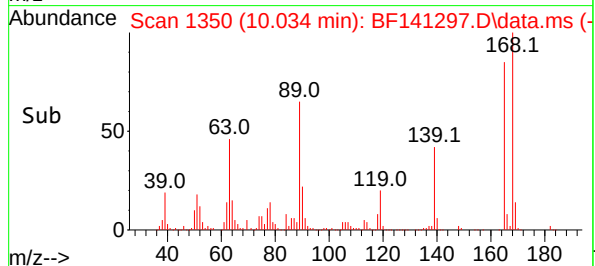
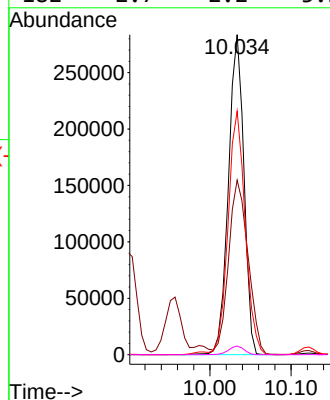
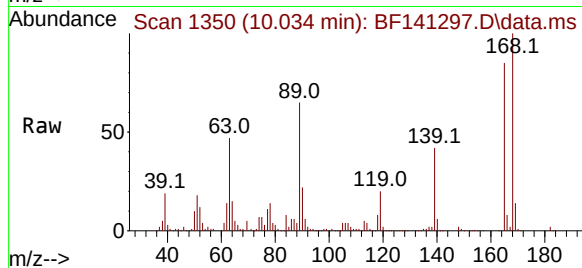




#57
2,4-Dinitrotoluene
Concen: 70.012 ng
RT: 10.034 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

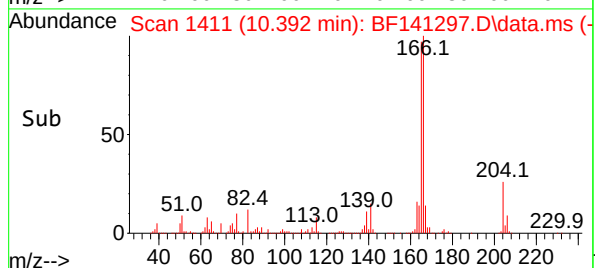
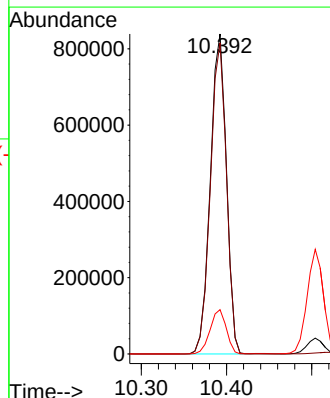
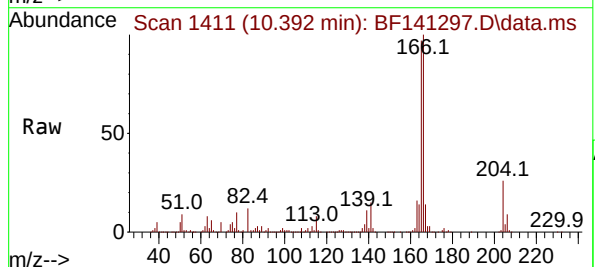
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

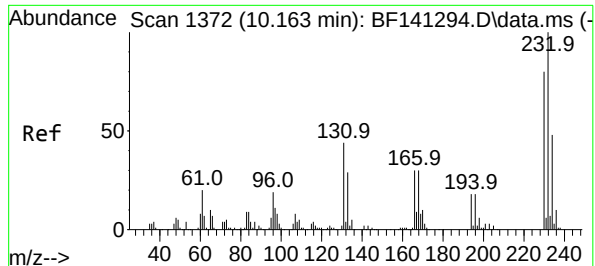
Tgt Ion:165 Resp: 375659
Ion Ratio Lower Upper
165 100
63 54.5 39.2 58.8
89 76.1 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 65.335 ng
RT: 10.392 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:166 Resp: 1099129
Ion Ratio Lower Upper
166 100
165 97.2 77.5 116.3
167 13.9 10.9 16.3

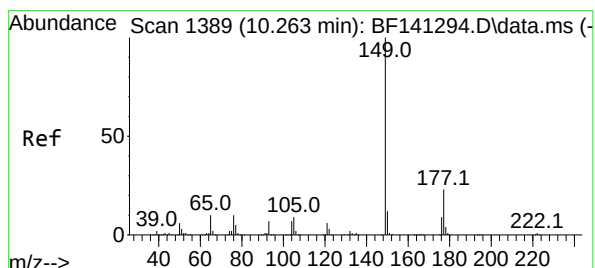
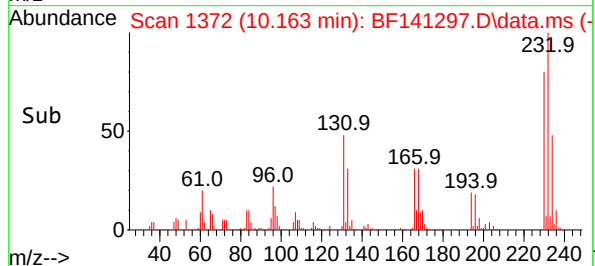
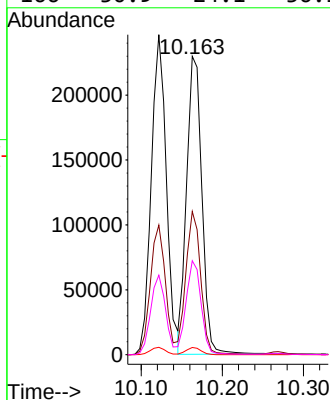
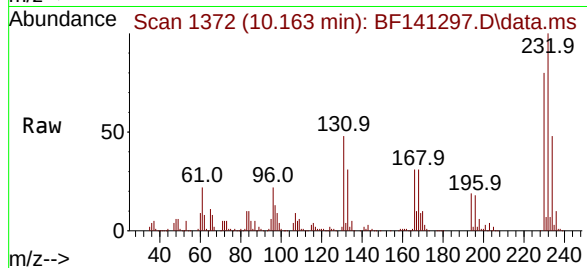




#59
2,3,4,6-Tetrachlorophenol
Concen: 72.005 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

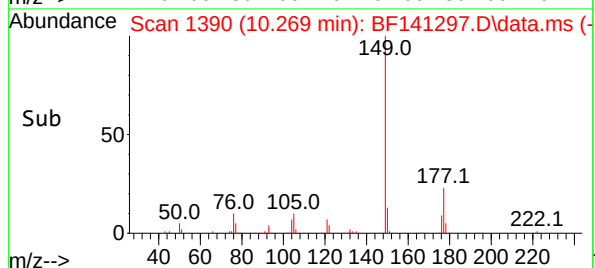
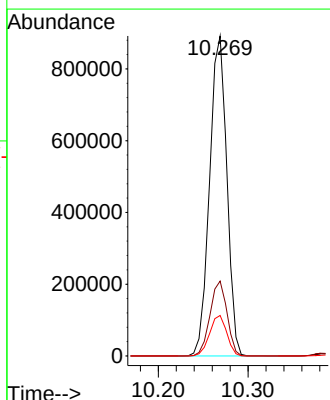
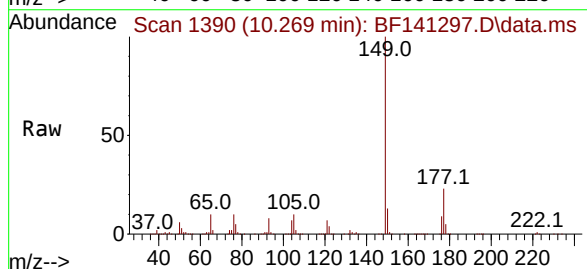
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

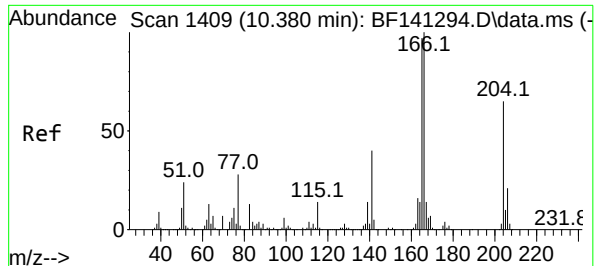
Tgt Ion:232 Resp: 302300
Ion Ratio Lower Upper
232 100
131 47.5 36.4 54.6
130 2.4 1.9 2.9
166 30.9 24.1 36.1



#60
Diethylphthalate
Concen: 68.571 ng
RT: 10.269 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 1189833
Ion Ratio Lower Upper
149 100
177 23.4 18.5 27.7
150 12.7 10.0 15.0

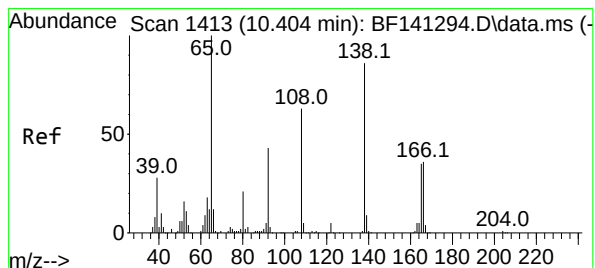
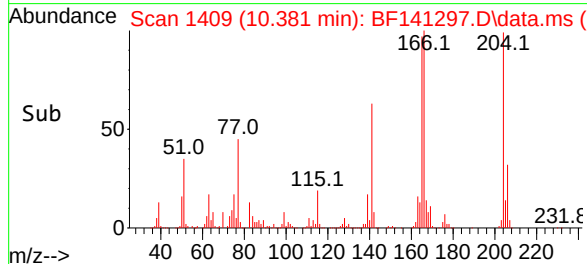
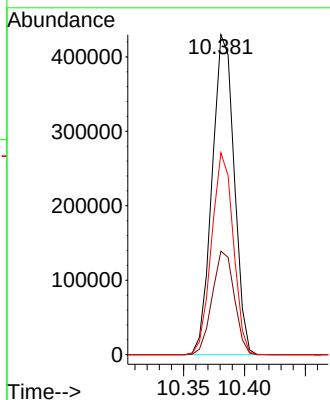
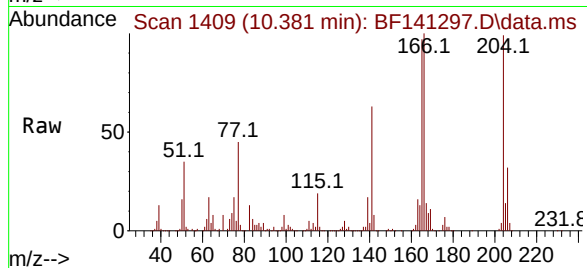




#61
4-Chlorophenyl-phenylether
Concen: 65.968 ng
RT: 10.381 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

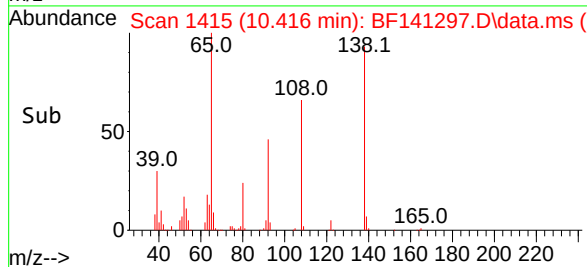
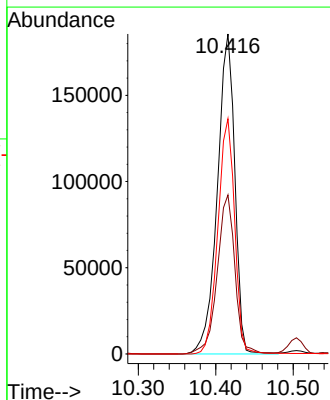
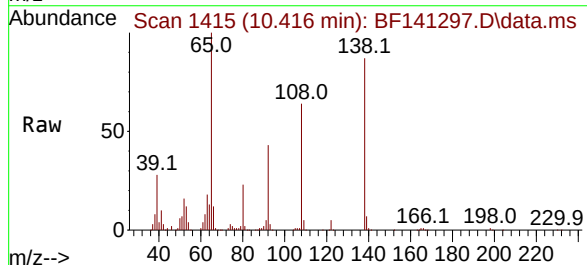
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

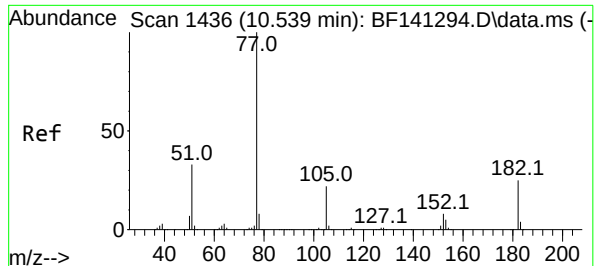
Tgt Ion:204 Resp: 541468
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 63.1 49.5 74.3



#62
4-Nitroaniline
Concen: 73.604 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:138 Resp: 292019
Ion Ratio Lower Upper
138 100
92 49.7 30.1 70.1
108 73.5 53.1 93.1



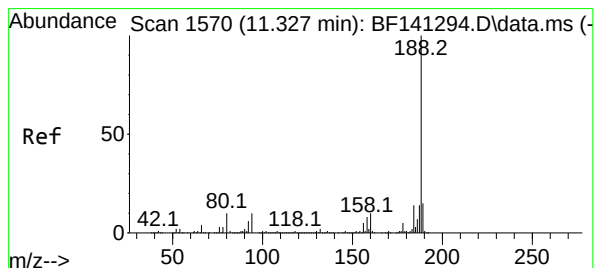
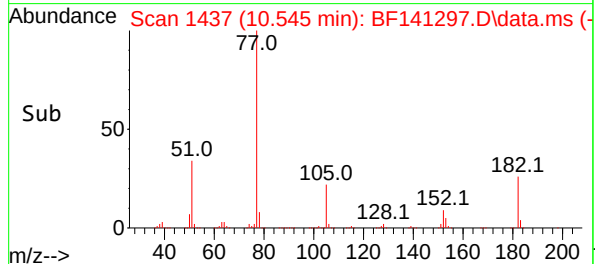
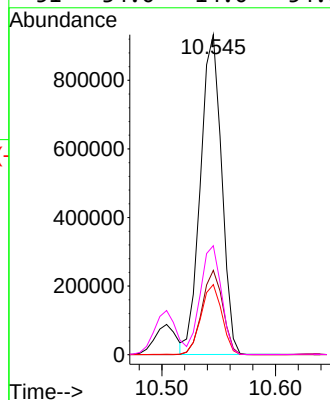
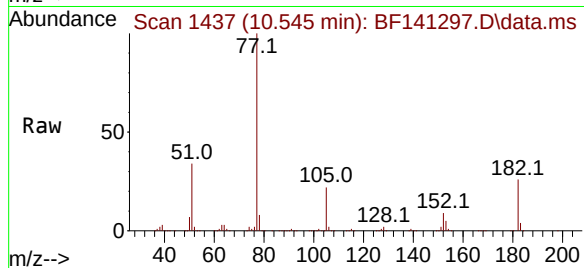


#63
Azobenzene
Concen: 69.582 ng
RT: 10.545 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1206328

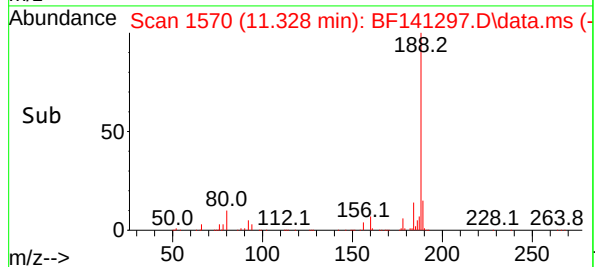
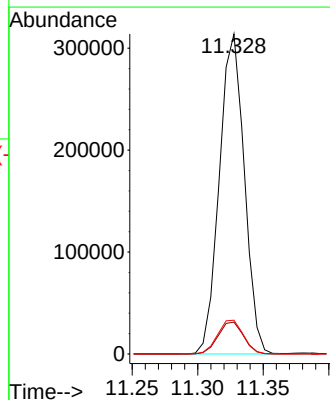
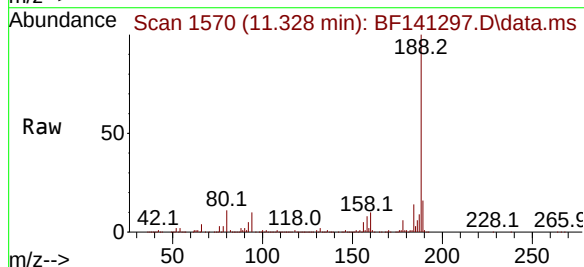
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.1	45.1
105	21.9	1.8	41.8
51	34.0	14.0	54.0

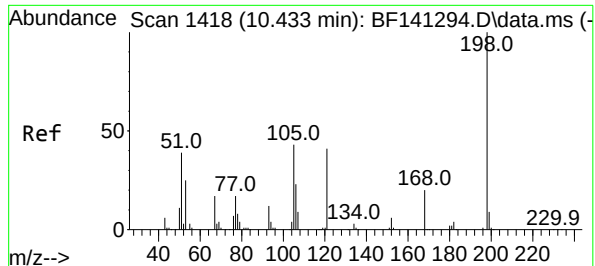


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 188 Resp: 415634

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.6	8.2	12.4

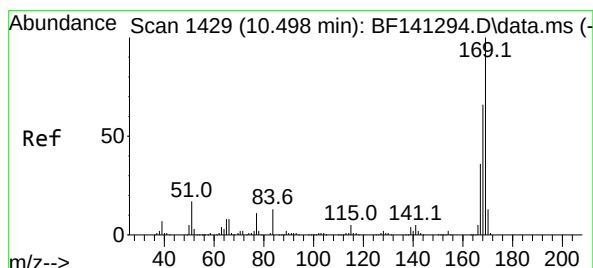
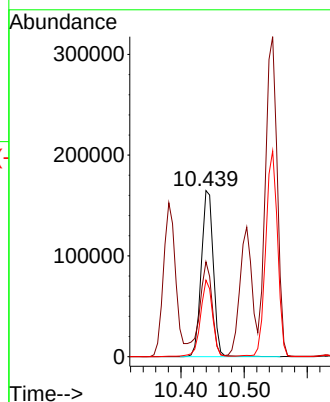
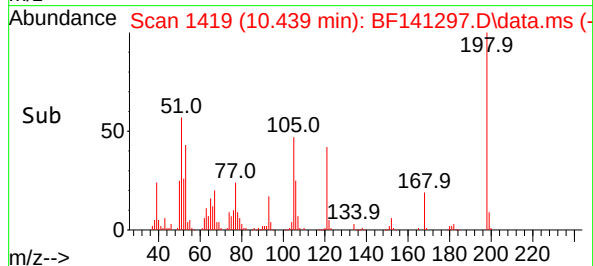
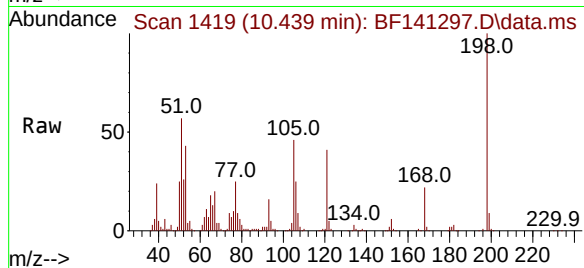




#65
4,6-Dinitro-2-methylphenol
Concen: 89.943 ng
RT: 10.439 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

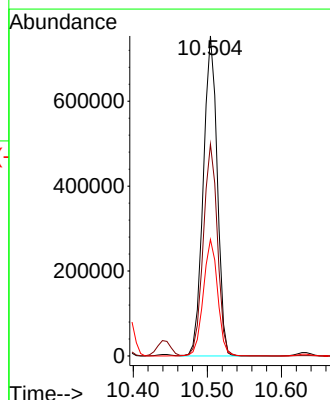
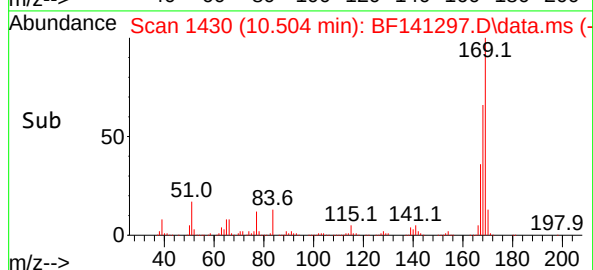
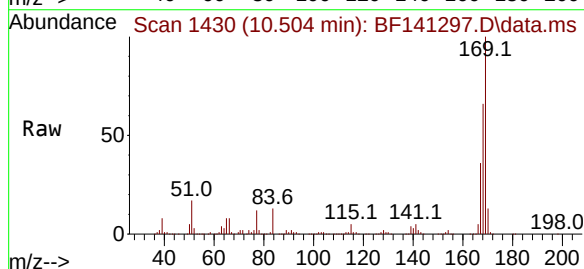
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

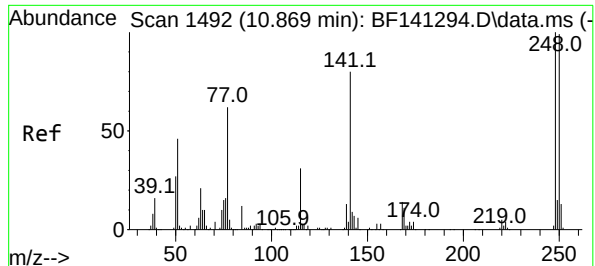
Tgt Ion:198 Resp: 217265
Ion Ratio Lower Upper
198 100
51 57.1 33.4 73.4
105 46.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 72.353 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:169 Resp: 986121
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 36.4 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 74.136 ng

RT: 10.875 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

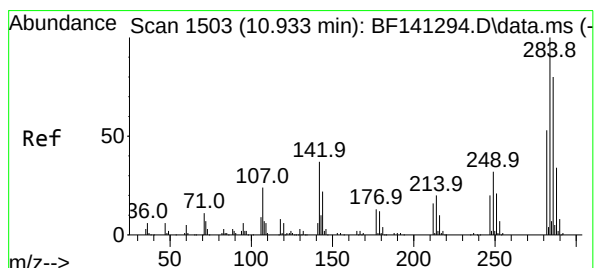
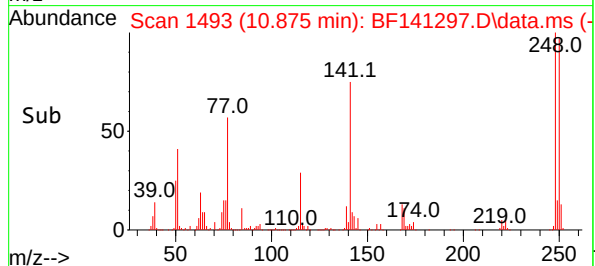
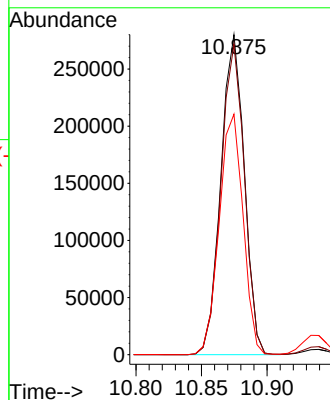
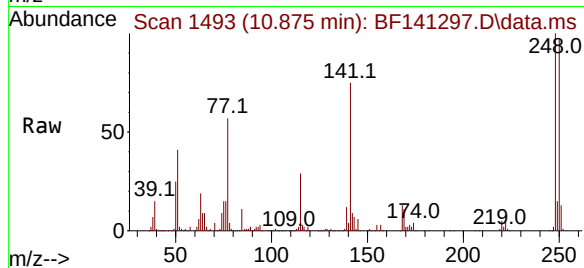
Tgt Ion:248 Resp: 348615

Ion Ratio Lower Upper

248 100

250 97.0 79.0 118.4

141 75.1 63.7 95.5



#68

Hexachlorobenzene

Concen: 72.215 ng

RT: 10.939 min Scan# 1504

Delta R.T. 0.006 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

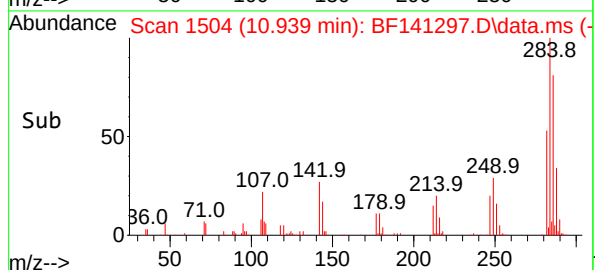
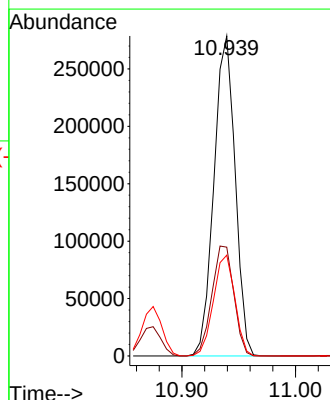
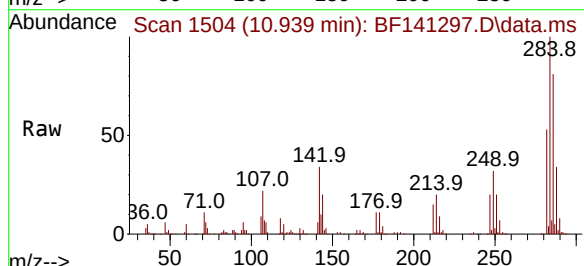
Tgt Ion:284 Resp: 361469

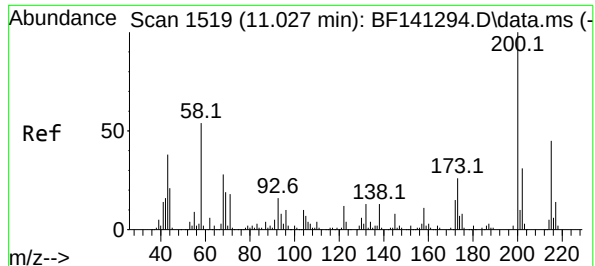
Ion Ratio Lower Upper

284 100

142 34.0 29.5 44.3

249 31.5 25.4 38.2

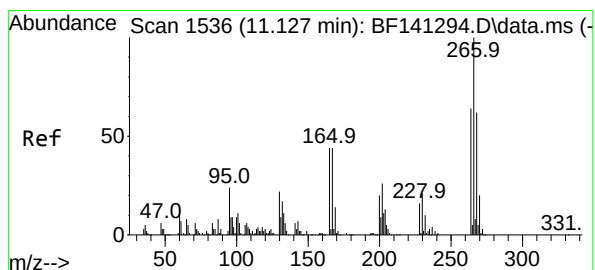
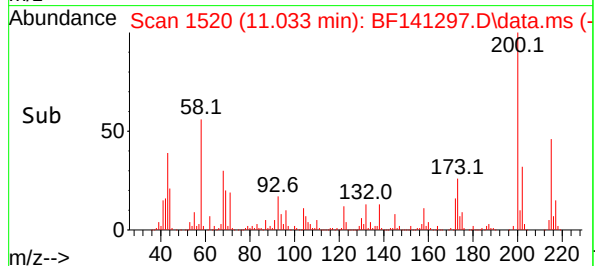
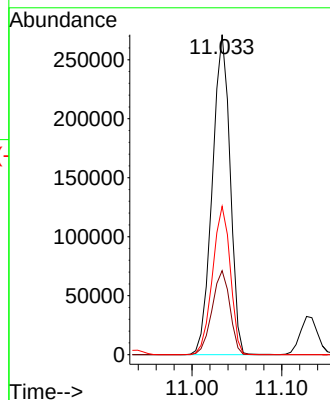
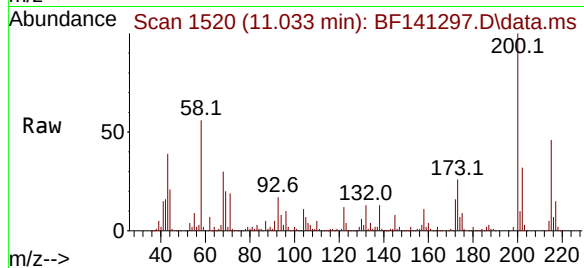




#69
Atrazine
Concen: 83.452 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

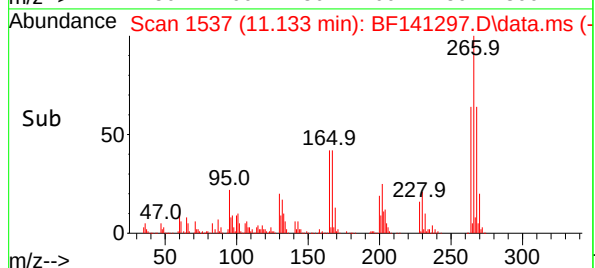
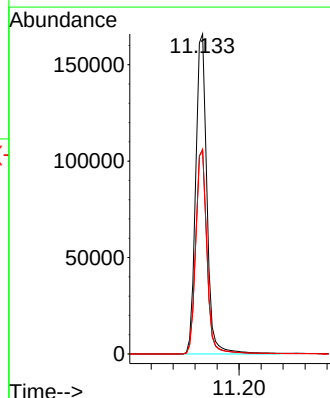
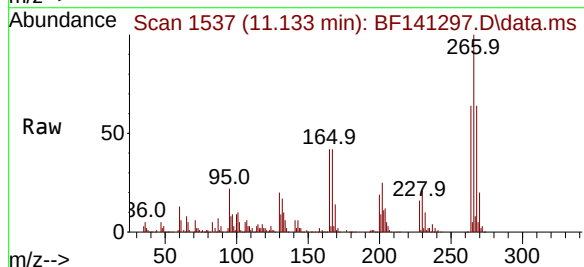
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

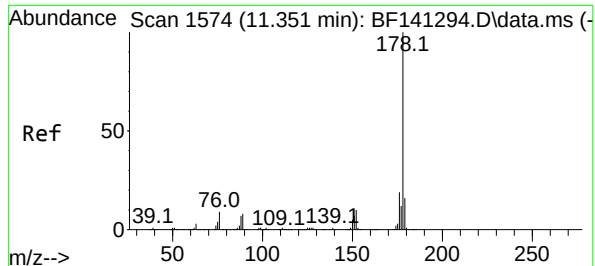
Tgt Ion:200 Resp: 372792
Ion Ratio Lower Upper
200 100
173 26.2 5.9 45.9
215 46.4 25.2 65.2



#70
Pentachlorophenol
Concen: 81.539 ng
RT: 11.133 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:266 Resp: 235030
Ion Ratio Lower Upper
266 100
268 64.0 49.9 74.9
264 63.7 51.0 76.4

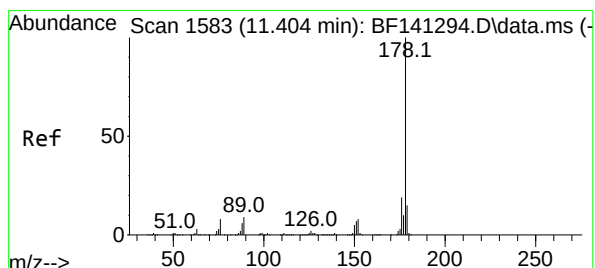
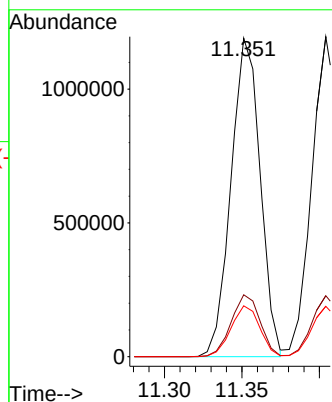
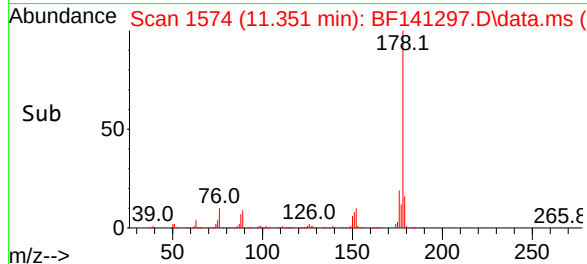
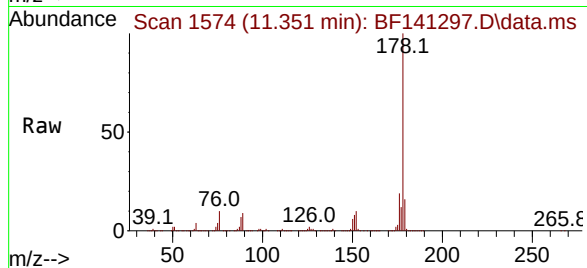




#71
Phenanthrene
Concen: 68.257 ng
RT: 11.351 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

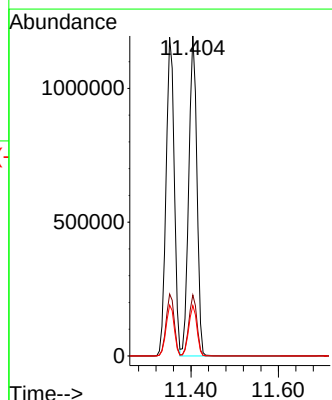
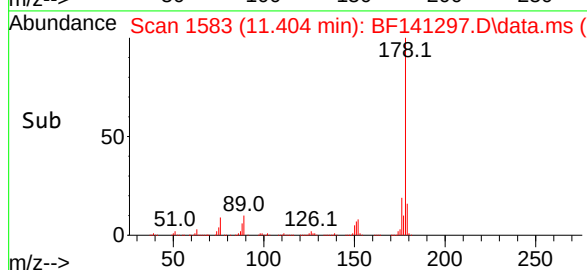
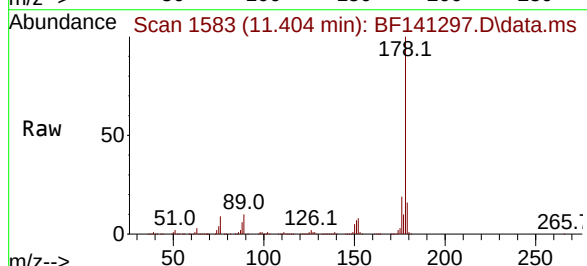
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

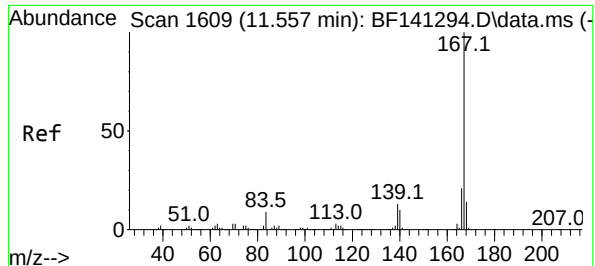
Tgt Ion:178 Resp: 1557660
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 16.0 12.5 18.7



#72
Anthracene
Concen: 68.749 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:178 Resp: 1535860
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.8 12.3 18.5

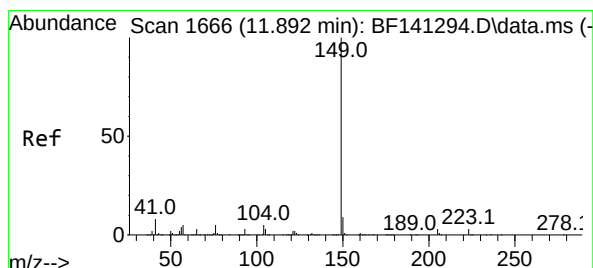
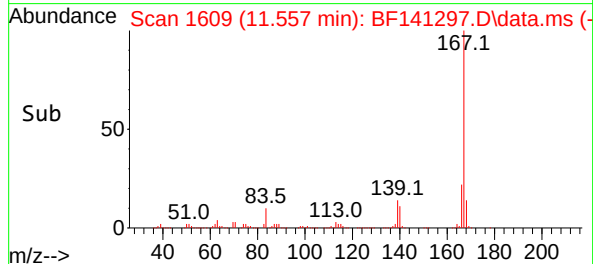
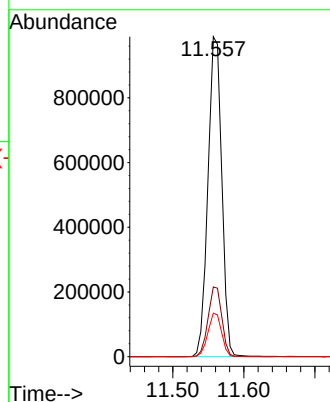
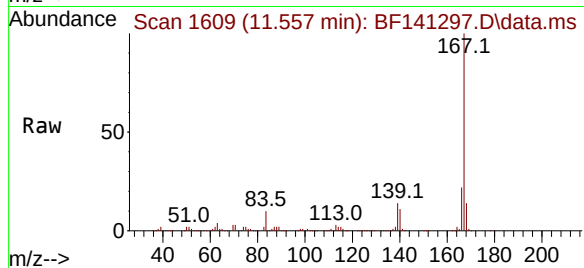




#73
Carbazole
Concen: 67.630 ng
RT: 11.557 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

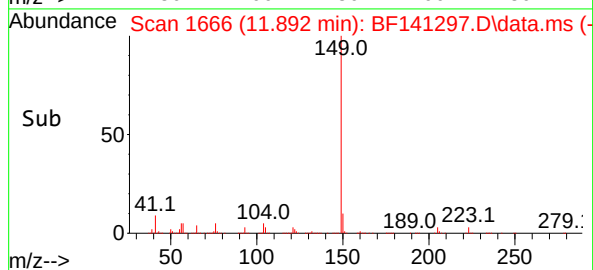
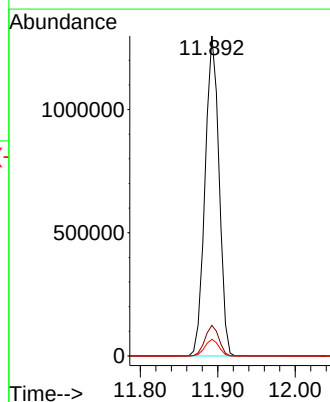
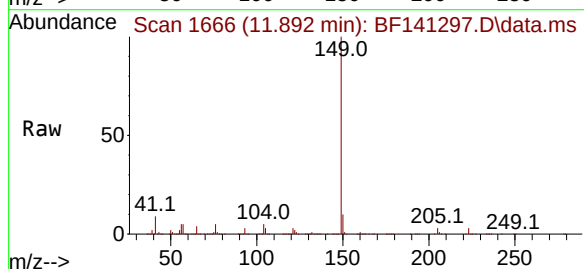
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

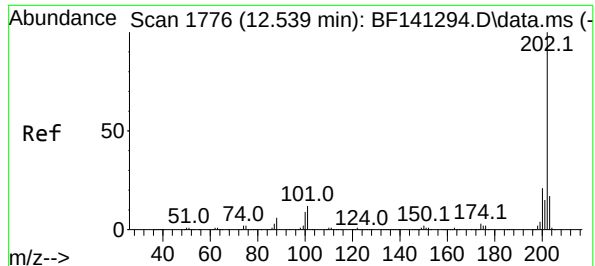
Tgt Ion:167 Resp: 1342447
Ion Ratio Lower Upper
167 100
166 21.8 17.0 25.6
139 13.6 10.6 16.0



#74
Di-n-butylphthalate
Concen: 67.604 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 1626342
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.2 3.9 5.9

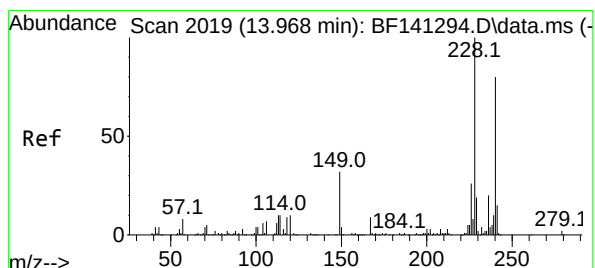
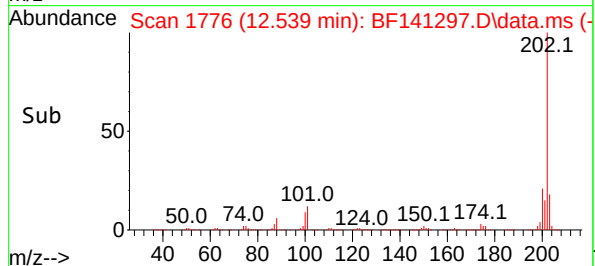
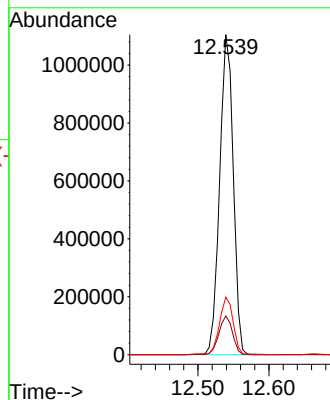
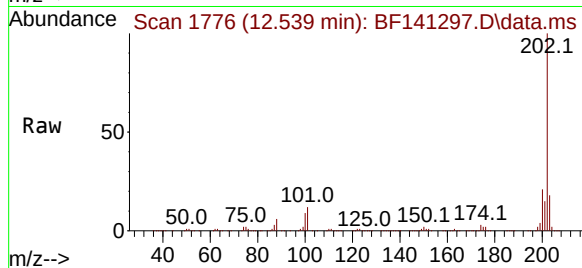




#75
Fluoranthene
Concen: 64.490 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

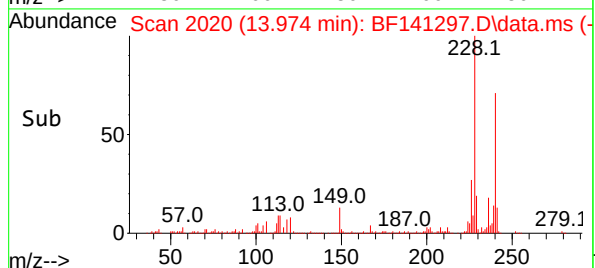
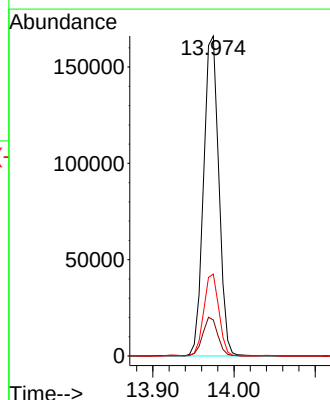
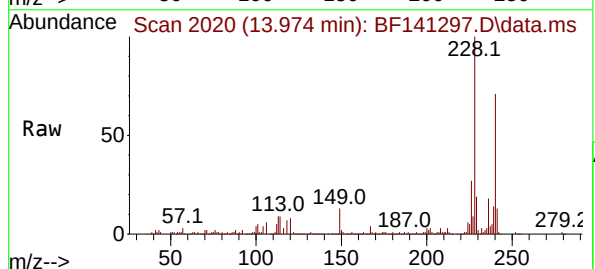
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

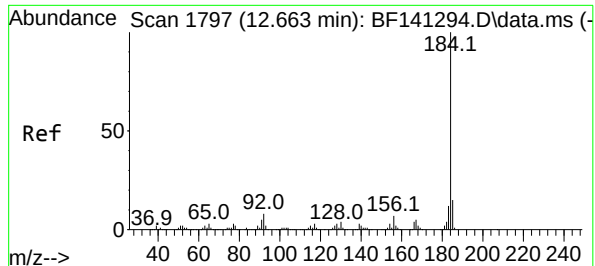
Tgt Ion:202 Resp: 1463196
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.7
203 18.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:240 Resp: 216592
Ion Ratio Lower Upper
240 100
120 11.2 10.0 15.0
236 25.6 19.7 29.5

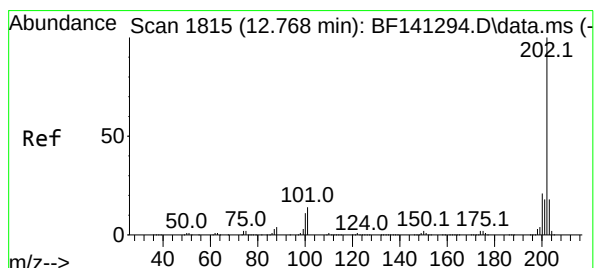
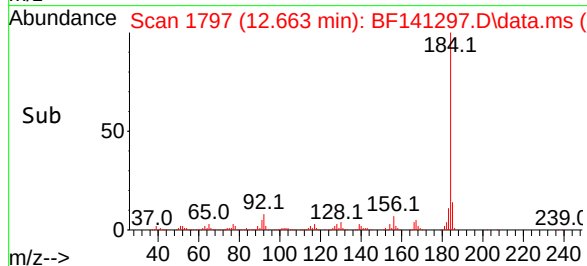
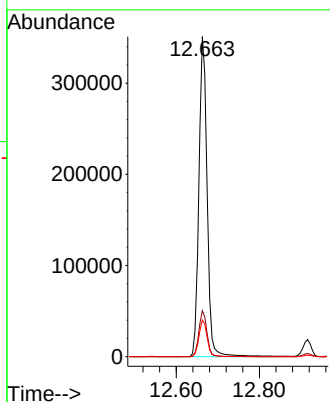
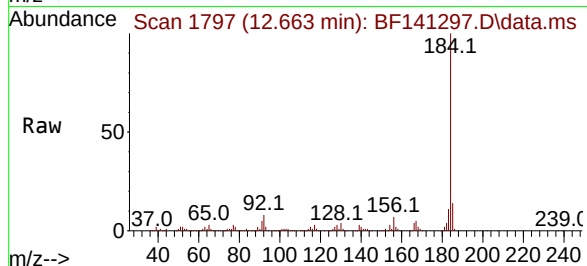




#77
Benzidine
Concen: 67.834 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

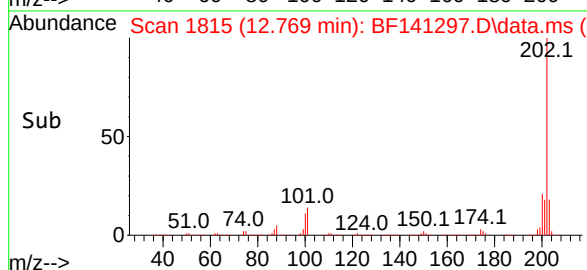
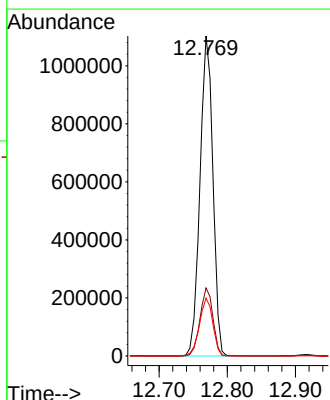
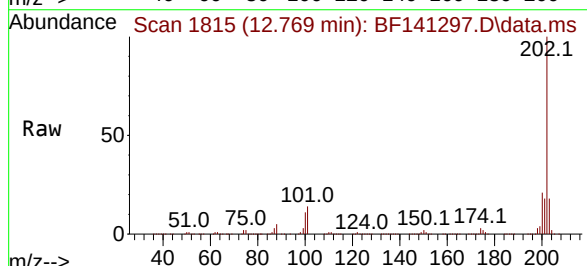
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

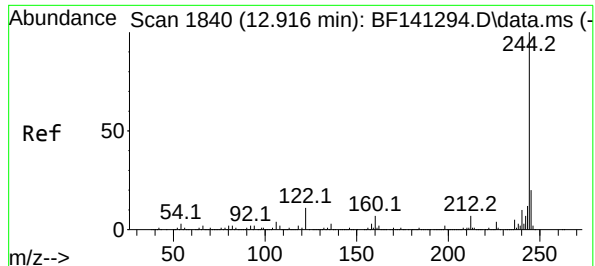
Tgt Ion:184 Resp: 481470
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.5 9.5 14.3



#78
Pyrene
Concen: 68.287 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

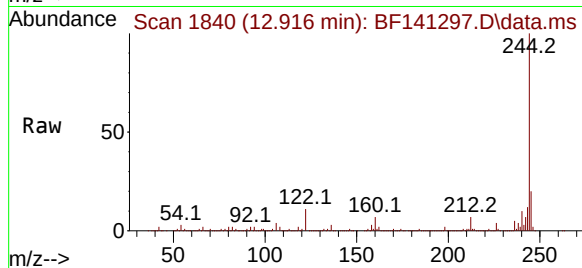
Tgt Ion:202 Resp: 1450076
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.0 14.3 21.5



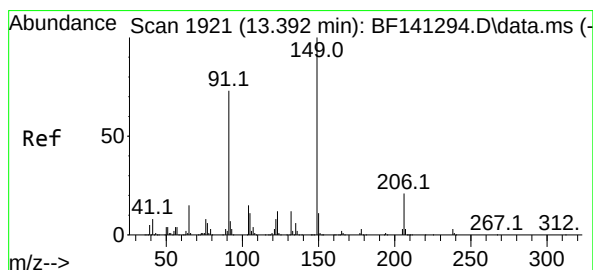
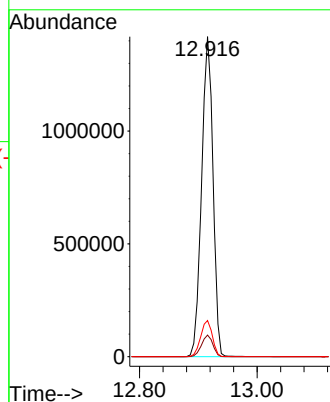
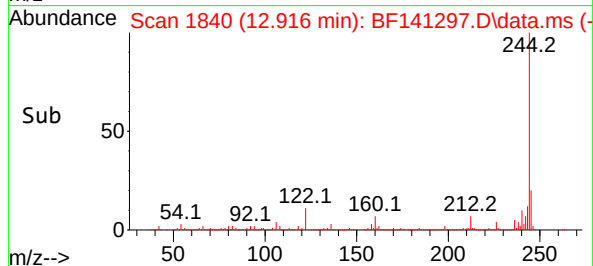


#79
Terphenyl-d14
Concen: 132.741 ng
RT: 12.916 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

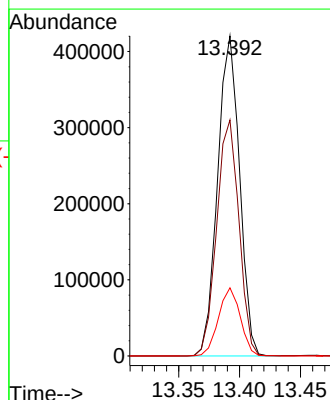
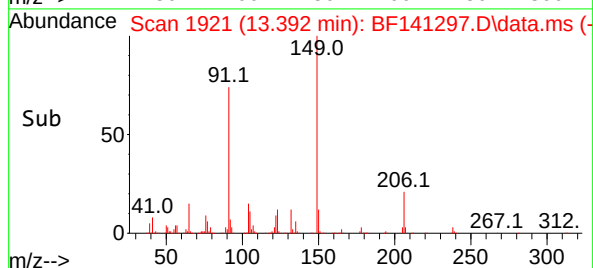
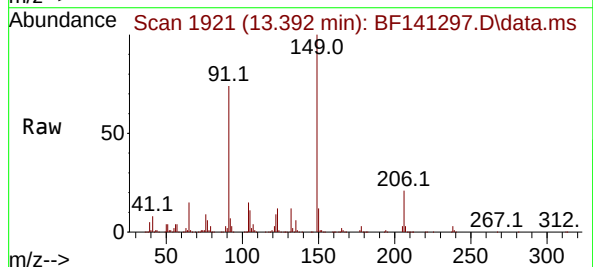


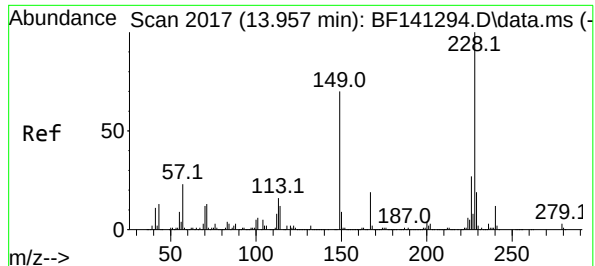
Tgt Ion:244 Resp: 1910783
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.3 8.8 13.2



#80
Butylbenzylphthalate
Concen: 71.721 ng
RT: 13.392 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 528754
Ion Ratio Lower Upper
149 100
91 73.8 58.6 87.8
206 21.3 16.7 25.1

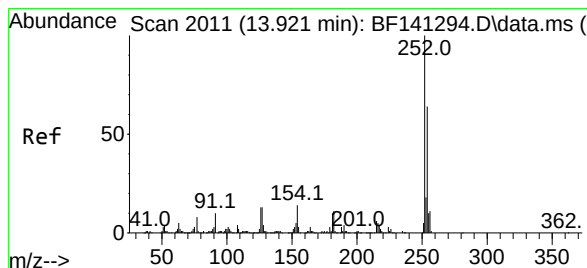
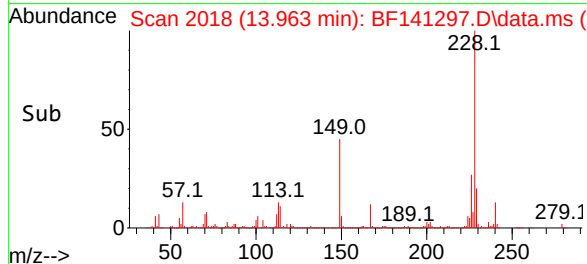
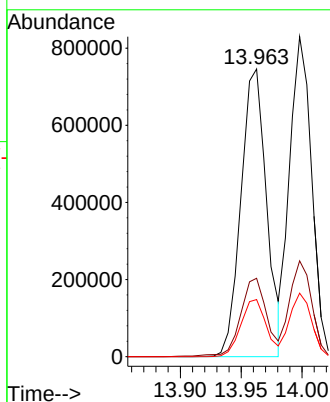
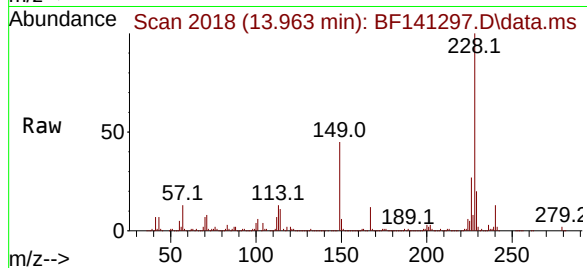




#81
Benzo(a)anthracene
Concen: 72.323 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

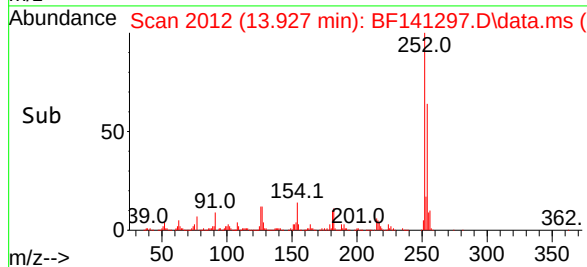
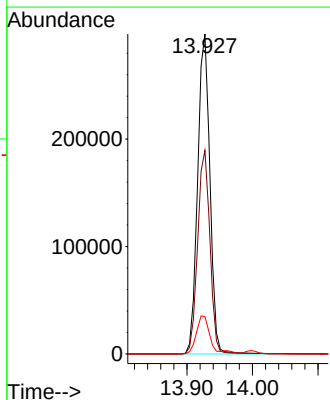
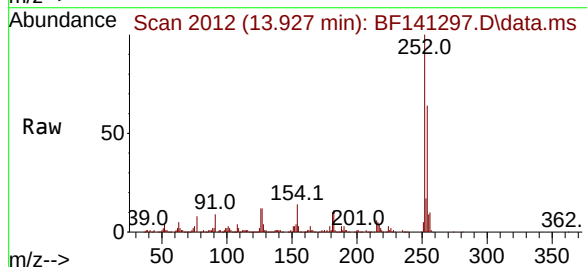
Instrument :
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ClientSampleId :
SSTDICC080

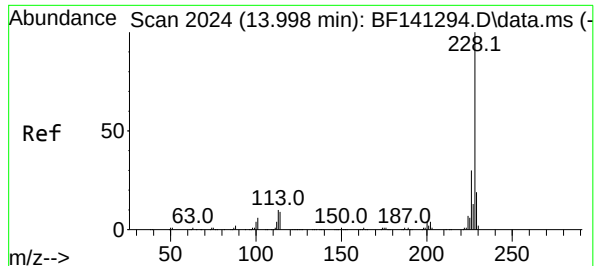
Tgt Ion:228 Resp: 1095972
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 82.157 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:252 Resp: 389044
Ion Ratio Lower Upper
252 100
254 63.6 51.3 76.9
126 11.7 10.0 15.0

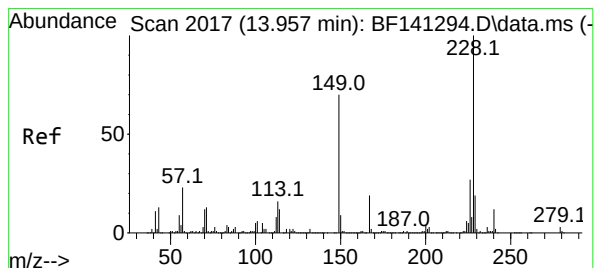
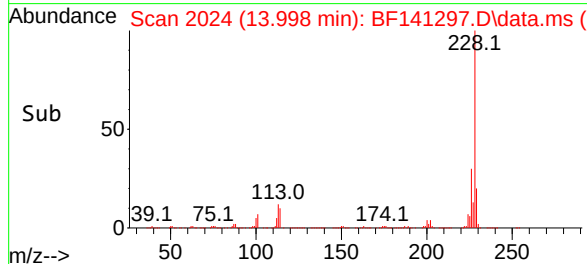
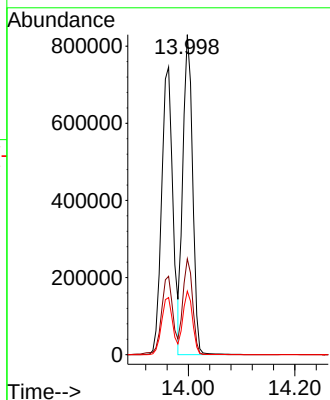
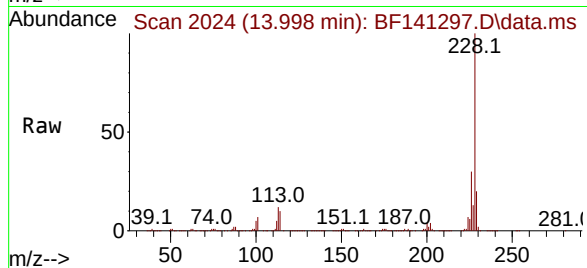




#83
Chrysene
Concen: 75.964 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

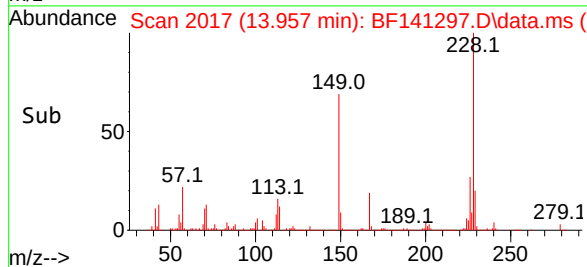
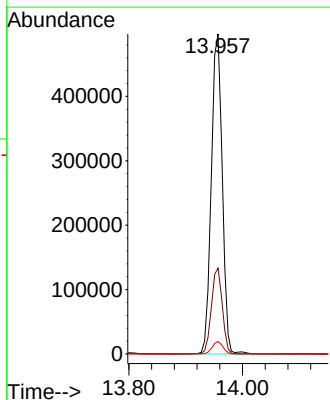
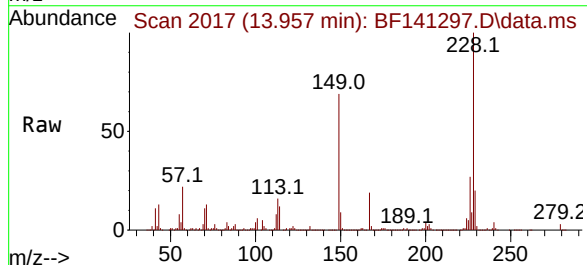
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

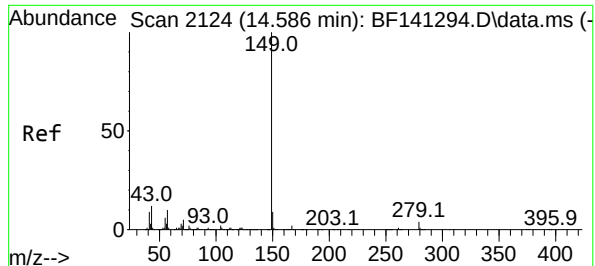
Tgt Ion:228 Resp: 1048083
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 70.666 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 662151
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.8
279 3.9 3.3 4.9

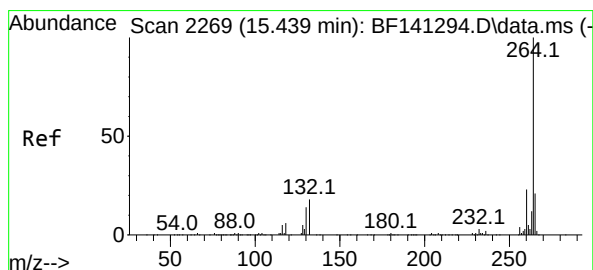
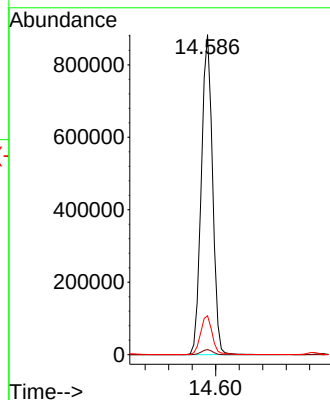
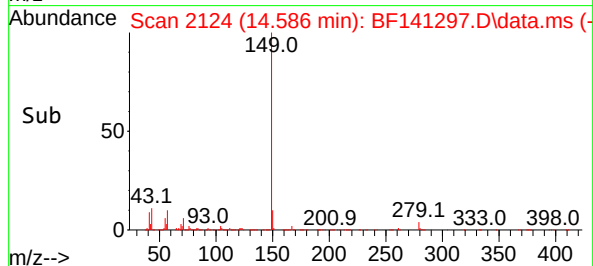
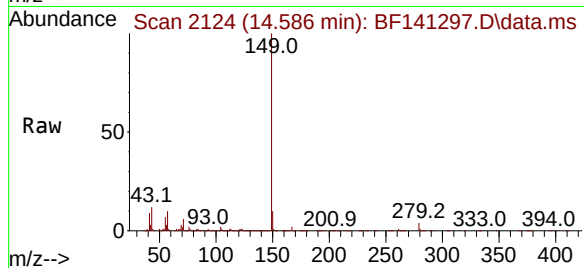




#85
Di-n-octyl phthalate
Concen: 82.148 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

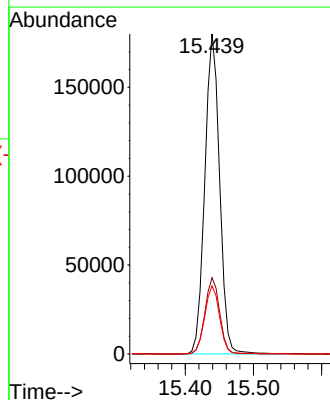
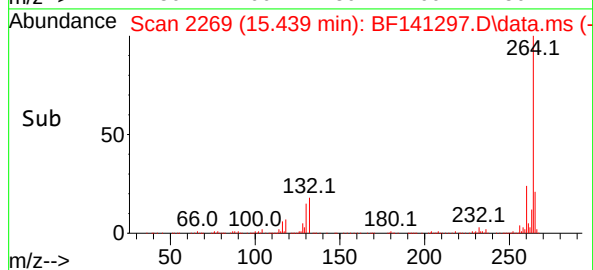
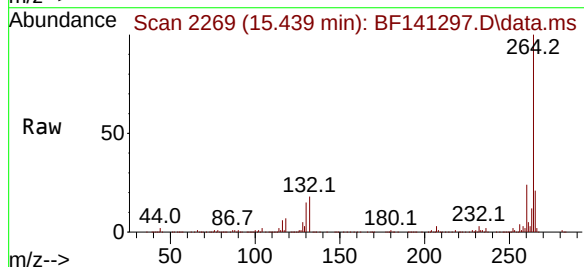
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

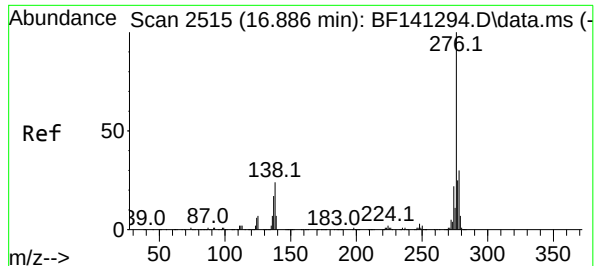
Tgt Ion:149 Resp: 1171131
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.7 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:264 Resp: 271797
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.3 16.7 25.1

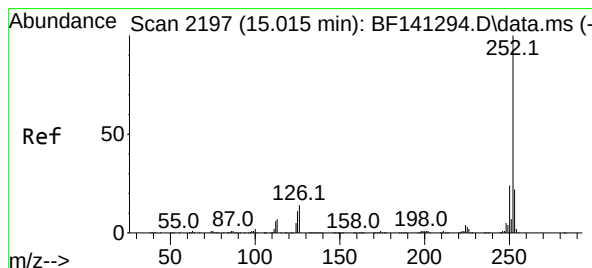
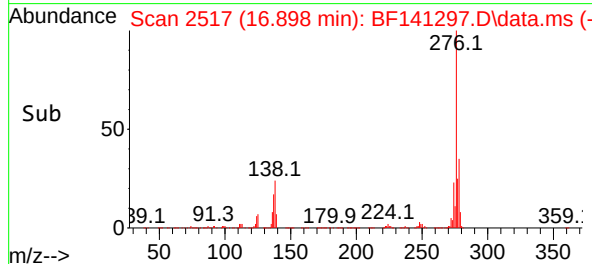
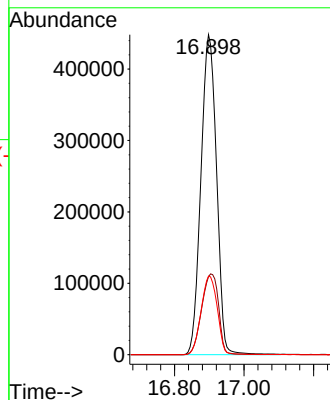
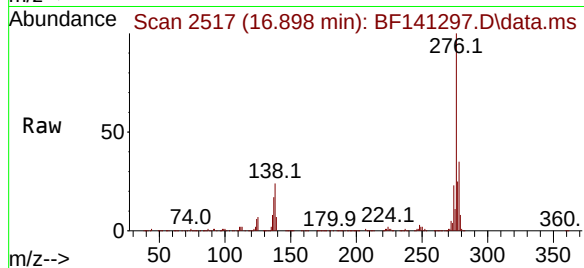




#87
Indeno(1,2,3-cd)pyrene
Concen: 79.715 ng
RT: 16.898 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

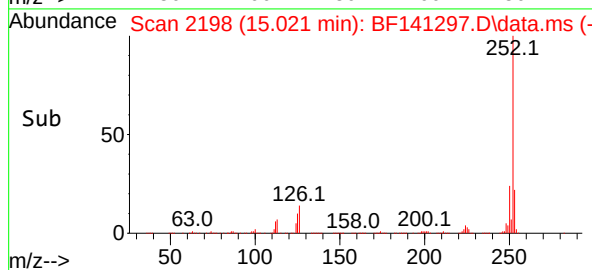
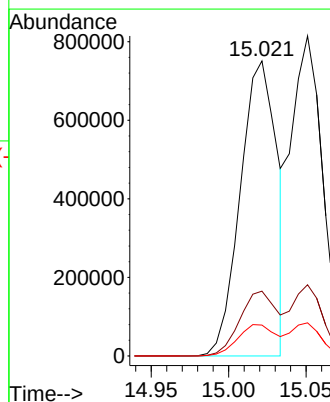
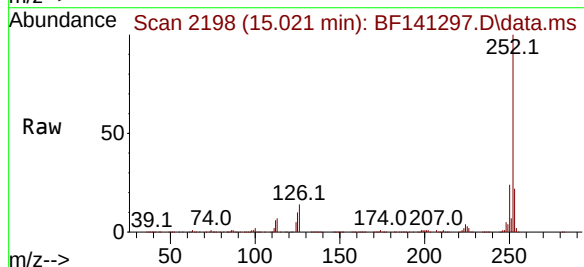
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

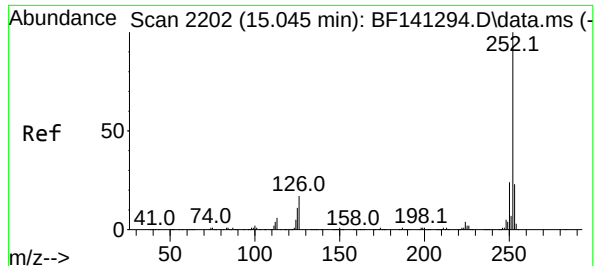
Tgt Ion:276 Resp: 1399119
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 71.102 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:252 Resp: 1235245
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.5 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 75.010 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

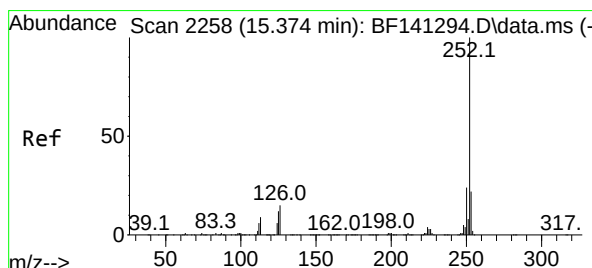
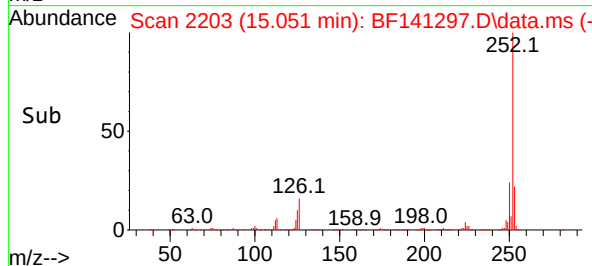
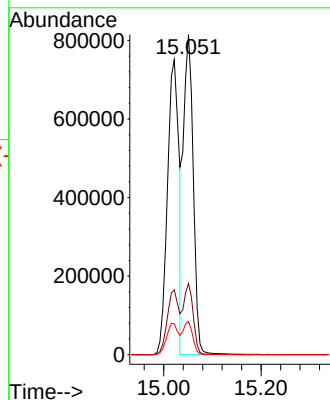
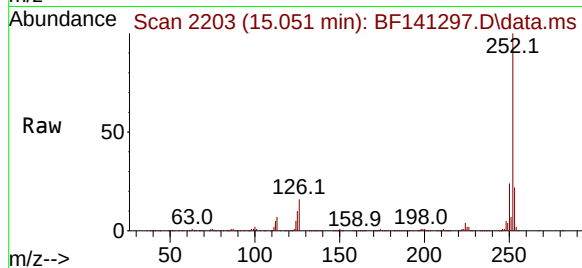
Tgt Ion:252 Resp: 1146296

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.4 8.4 12.6



#90

Benzo(a)pyrene

Concen: 75.410 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.012 min

Lab File: BF141297.D

Acq: 29 Jan 2025 17:05

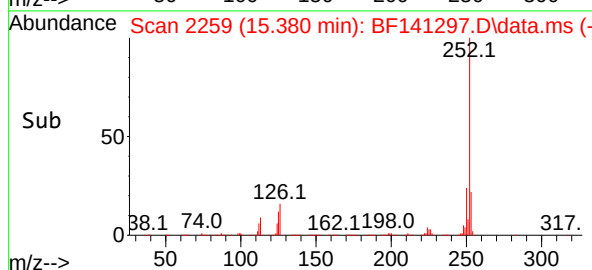
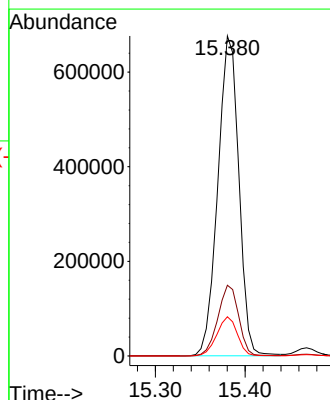
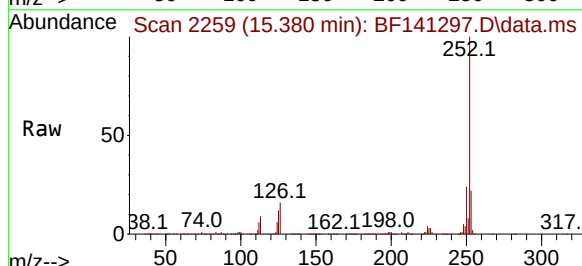
Tgt Ion:252 Resp: 1098491

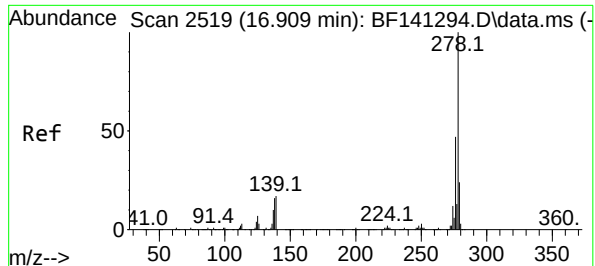
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.3 9.4 14.2

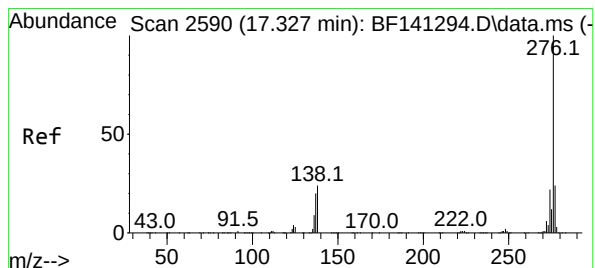
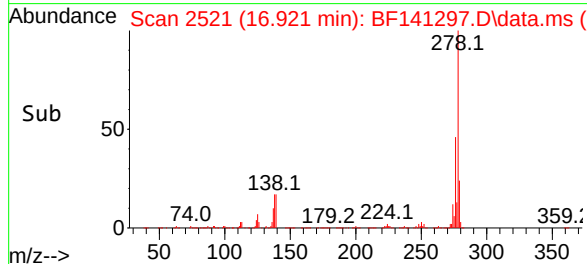
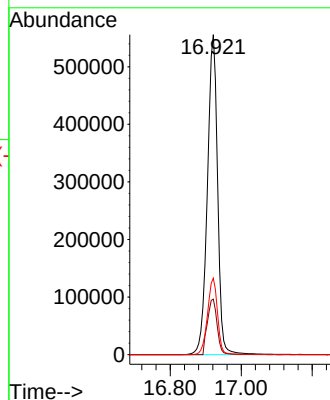
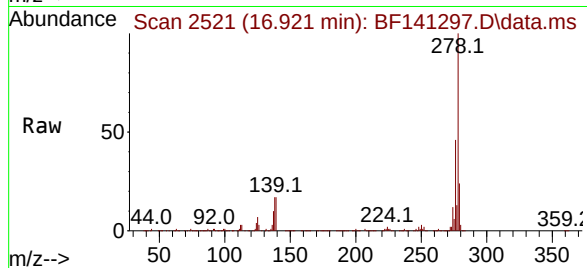




#91
Dibenzo(a,h)anthracene
Concen: 79.035 ng
RT: 16.921 min Scan# 2521
Delta R.T. -0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

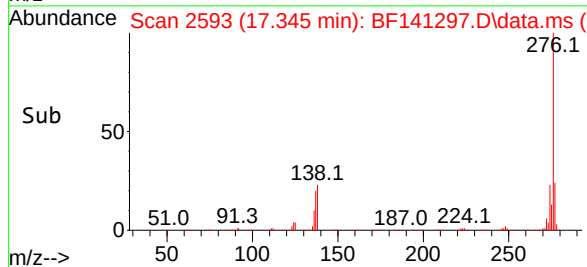
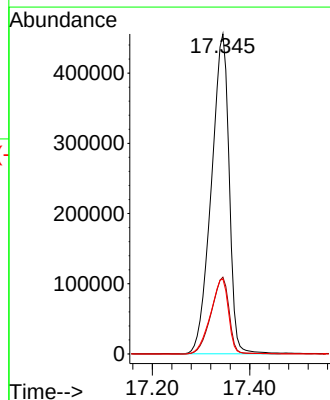
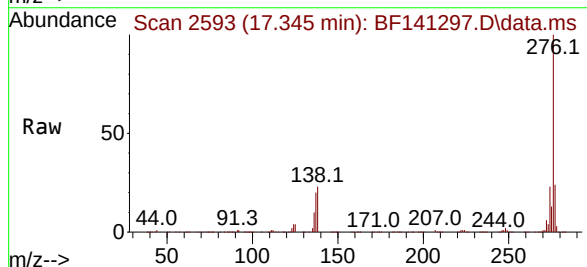
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1117397
Ion Ratio Lower Upper
278 100
139 17.3 13.9 20.9
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 78.512 ng
RT: 17.345 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:276 Resp: 1155250
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 23.4 19.0 28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	133318	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525644	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	279764	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	450291	20.000	ng	0.00
76) Chrysene-d12	13.969	240	257177	20.000	ng	0.00
86) Perylene-d12	15.421	264	279455	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	650985	74.963	ng	0.00
7) Phenol-d6	6.428	99	824574	74.641	ng	-0.01
23) Nitrobenzene-d5	7.363	82	754118	75.630	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	192773	75.161	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1325725	72.938	ng	0.00
79) Terphenyl-d14	12.910	244	1208358	72.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	142440	37.296	ng	100
3) Pyridine	3.216	79	353478	38.413	ng	100
4) n-Nitrosodimethylamine	3.169	42	199637	37.977	ng	100
6) Aniline	6.463	93	368792	39.437	ng	99
8) 2-Chlorophenol	6.581	128	349085	37.505	ng	99
9) Benzaldehyde	6.346	77	236537	36.965	ng	100
10) Phenol	6.440	94	443695	37.888	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	335702	37.387	ng	100
12) 1,3-Dichlorobenzene	6.740	146	382682	37.288	ng	99
13) 1,4-Dichlorobenzene	6.816	146	390597	37.885	ng	99
14) 1,2-Dichlorobenzene	6.969	146	359529	37.241	ng	100
15) Benzyl Alcohol	6.940	79	286519	37.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	587637	37.636	ng	100
17) 2-Methylphenol	7.051	107	276450	36.544	ng	99
18) Hexachloroethane	7.310	117	144890	38.094	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	241878	36.848	ng	100
20) 3+4-Methylphenols	7.204	107	347046	37.364	ng	99
22) Acetophenone	7.210	105	458757	36.717	ng	100
24) Nitrobenzene	7.381	77	391907	37.927	ng	99
25) Isophorone	7.622	82	645309	37.439	ng	100
26) 2-Nitrophenol	7.698	139	186592	38.289	ng	99
27) 2,4-Dimethylphenol	7.734	122	236052m	38.055	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	411851	37.460	ng	99
29) 2,4-Dichlorophenol	7.940	162	286090	37.675	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	316431	36.488	ng	100
31) Naphthalene	8.104	128	1030995	37.128	ng	100
32) Benzoic acid	7.845	122	236833	41.534	ng	99
33) 4-Chloroaniline	8.151	127	350423	37.214	ng	99
34) Hexachlorobutadiene	8.222	225	186523	36.676	ng	99
35) Caprolactam	8.522	113	93403	37.662	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	305288	37.480	ng	99
37) 2-Methylnaphthalene	8.792	142	651222	36.898	ng	99
38) 1-Methylnaphthalene	8.892	142	651341	37.570	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	296277	37.226	ng	99
41) Hexachlorocyclopentadiene	8.945	237	93930	39.961	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	201214	38.625	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 03:16:08 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 29 17:41:25 2025

Response via : Initial Calibration

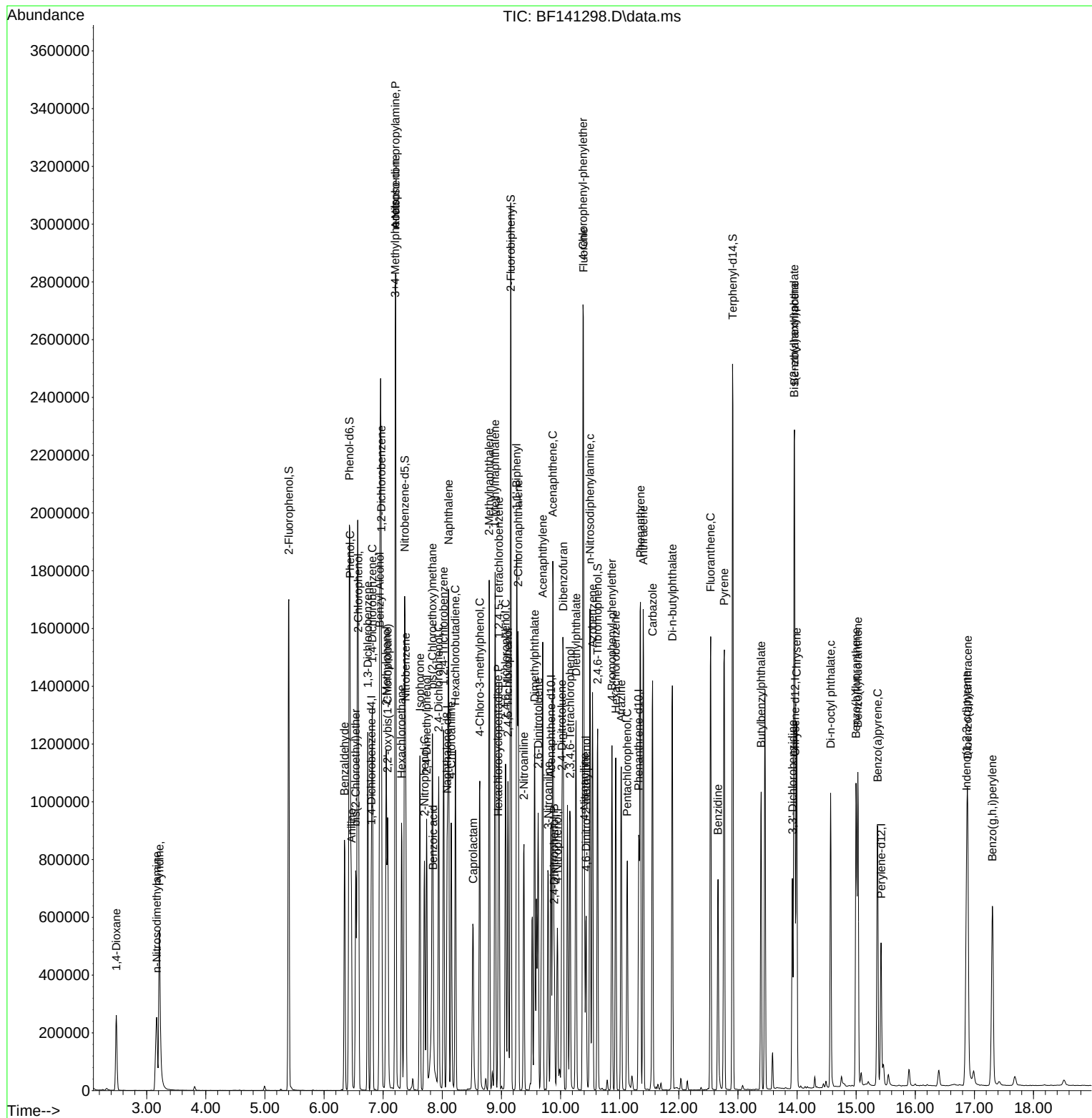
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	209611	36.969	ng	100
46) 1,1'-Biphenyl	9.257	154	809694	37.111	ng	100
47) 2-Chloronaphthalene	9.281	162	626457	36.837	ng	100
48) 2-Nitroaniline	9.381	65	203104	37.970	ng	98
49) Acenaphthylene	9.698	152	890709	37.416	ng	100
50) Dimethylphthalate	9.563	163	697300	36.904	ng	100
51) 2,6-Dinitrotoluene	9.622	165	164343	37.459	ng	99
52) Acenaphthene	9.869	154	632756	37.206	ng	99
53) 3-Nitroaniline	9.792	138	164042	38.150	ng	98
54) 2,4-Dinitrophenol	9.892	184	81034	39.734	ng	# 85
55) Dibenzofuran	10.045	168	842555	37.012	ng	100
56) 4-Nitrophenol	9.945	139	122925	39.089	ng	99
57) 2,4-Dinitrotoluene	10.022	165	217705	38.327	ng	99
58) Fluorene	10.386	166	643639	36.451	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	169067	37.902	ng	99
60) Diethylphthalate	10.263	149	683674	37.316	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	312065	36.180	ng	99
62) 4-Nitroaniline	10.404	138	159227	37.665	ng	99
63) Azobenzene	10.539	77	678905	37.020	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	111635	41.913	ng	99
66) n-Nitrosodiphenylamine	10.498	169	564452	38.757	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	199009	39.477	ng	98
68) Hexachlorobenzene	10.933	284	208171	38.929	ng	99
69) Atrazine	11.028	200	190958	39.215	ng	99
70) Pentachlorophenol	11.128	266	128300	40.973	ng	99
71) Phenanthrene	11.351	178	922625	38.117	ng	100
72) Anthracene	11.398	178	912703	38.484	ng	100
73) Carbazole	11.557	167	813036	38.661	ng	100
74) Di-n-butylphthalate	11.892	149	984759	38.639	ng	100
75) Fluoranthene	12.539	202	902637	37.768	ng	100
77) Benzidine	12.663	184	405163	49.142	ng	99
78) Pyrene	12.769	202	894269	36.225	ng	99
80) Butylbenzylphthalate	13.392	149	324793	37.660	ng	99
81) Benzo(a)anthracene	13.957	228	631556	35.587	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	218850	38.774	ng	99
83) Chrysene	13.992	228	610038	37.508	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	400642	36.620	ng	100
85) Di-n-octyl phthalate	14.569	149	642439	37.807	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	678653	37.626	ng	99
88) Benzo(b)fluoranthene	14.998	252	683111	38.861	ng	100
89) Benzo(k)fluoranthene	15.027	252	556960	35.766	ng	99
90) Benzo(a)pyrene	15.363	252	567574	38.209	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	551534	38.007	ng	99
92) Benzo(g,h,i)perylene	17.304	276	559807	37.101	ng	99

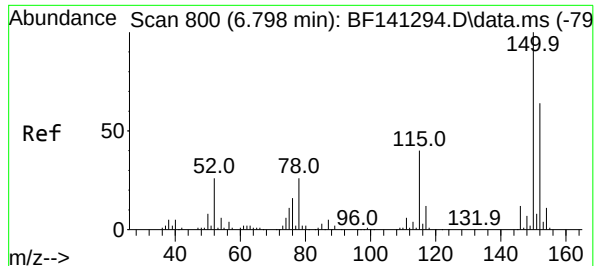
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

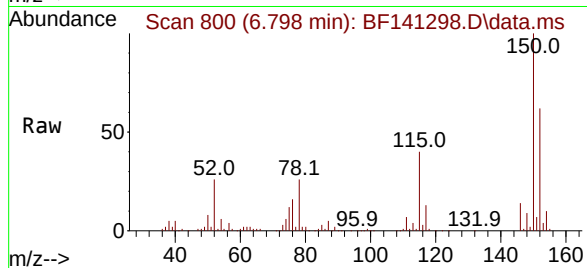
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

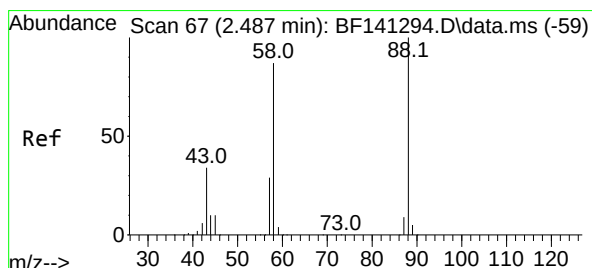
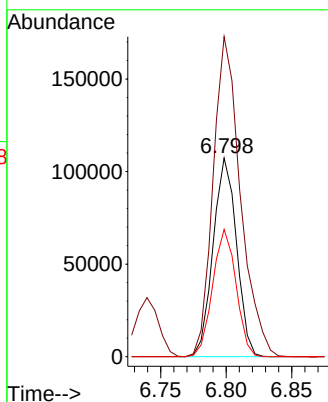
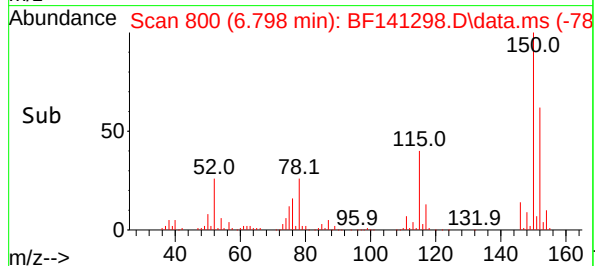
Instrument :
BNA_F
Client Sample Id :
ICVBF012925



Tgt Ion: 152 Resp: 133318
Ion Ratio Lower Upper
152 100
150 161.0 125.9 188.9
115 64.0 49.7 74.5

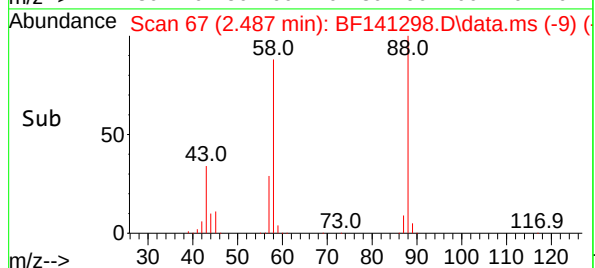
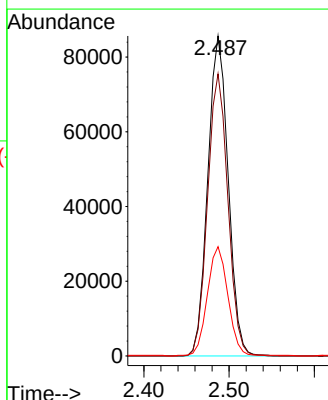
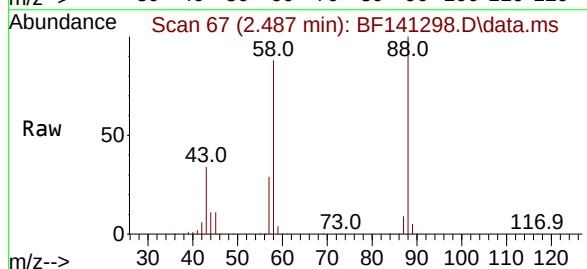
Manual Integrations
APPROVED

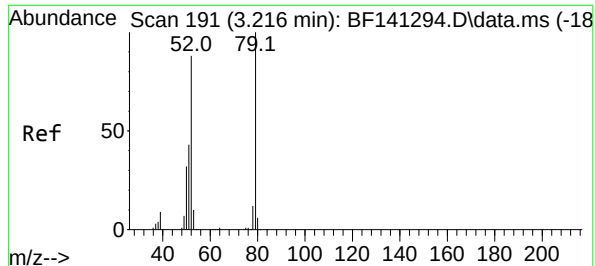
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 37.296 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

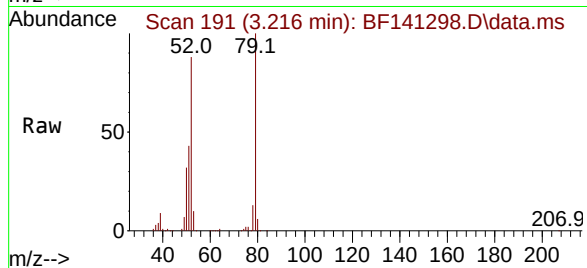
Tgt Ion: 88 Resp: 142440
Ion Ratio Lower Upper
88 100
58 87.8 70.2 105.4
43 34.7 27.6 41.4





#3
Pyridine
Concen: 38.413 ng
RT: 3.216 min Scan# 191
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

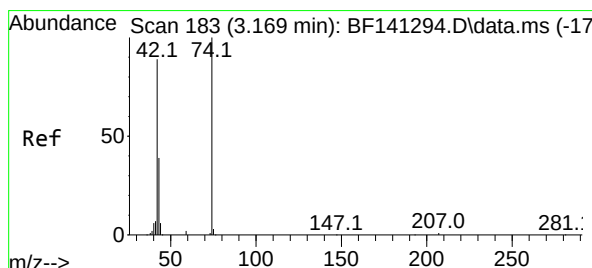
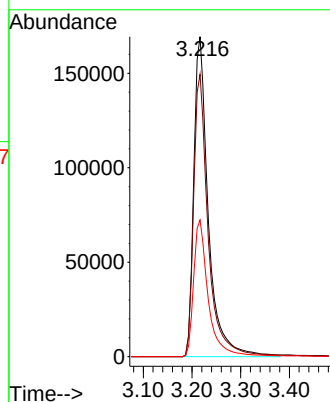
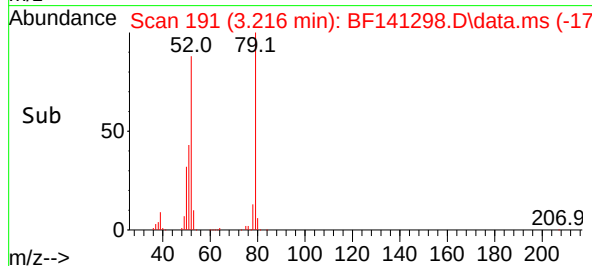
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion: 79 Resp: 353478
Ion Ratio Lower Upper
79 100
52 88.3 70.3 105.5
51 42.7 34.3 51.5

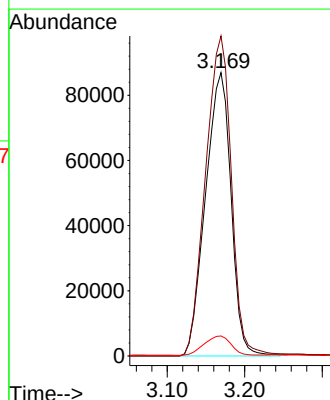
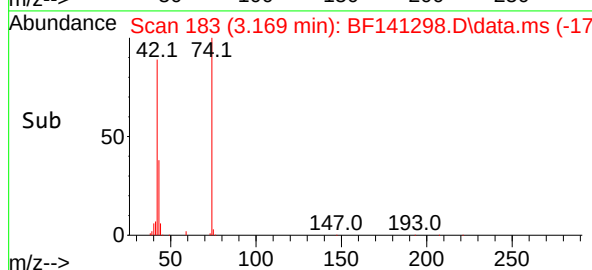
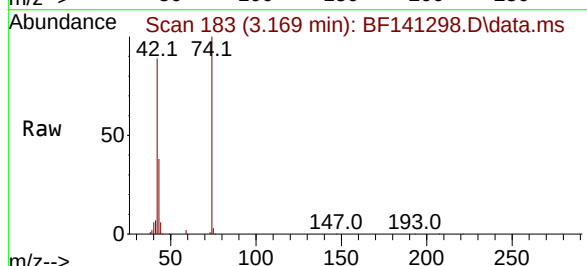
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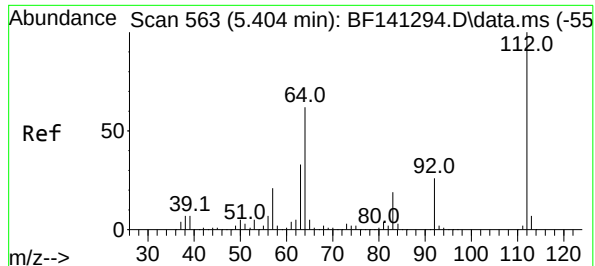
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#4
n-Nitrosodimethylamine
Concen: 37.977 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.029 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

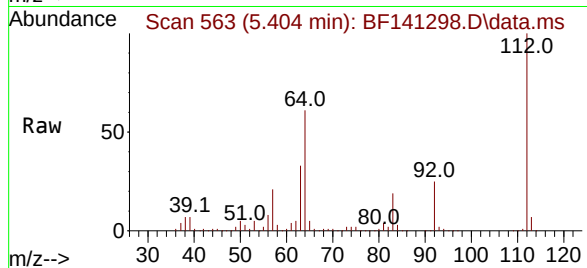
Tgt Ion: 42 Resp: 199637
Ion Ratio Lower Upper
42 100
74 112.9 90.3 135.5
44 7.1 5.7 8.5





#5
2-Fluorophenol
Concen: 74.963 ng
RT: 5.404 min Scan# 509
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

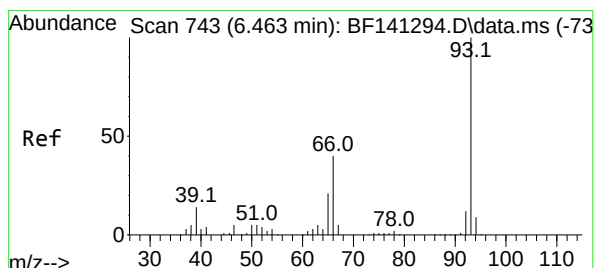
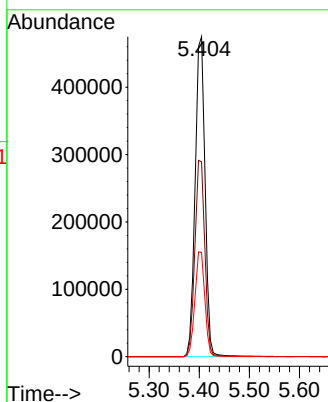
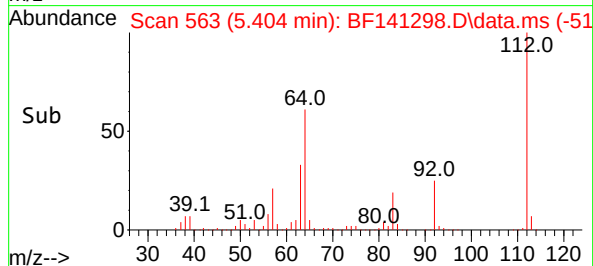
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:112 Resp: 650985
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.8
63 32.6 26.1 39.1

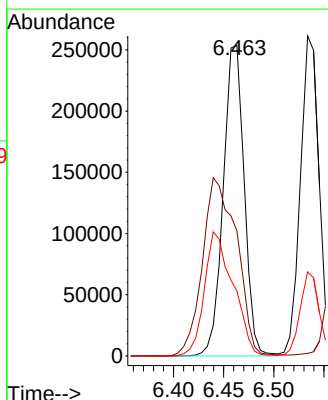
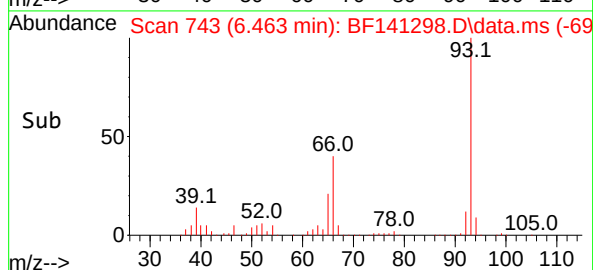
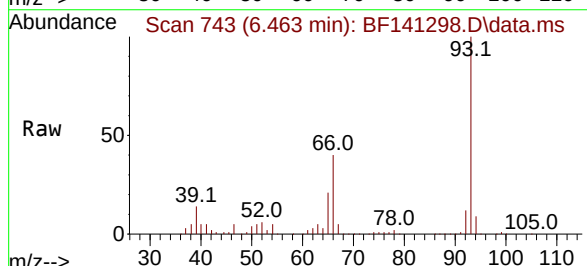
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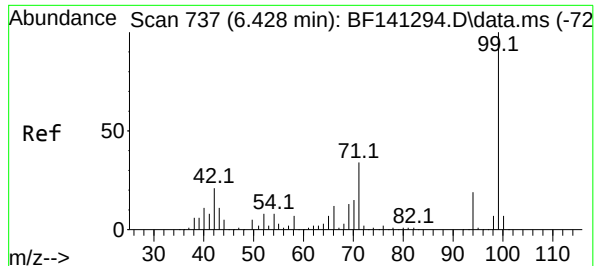
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 39.437 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 368792
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 20.9 17.0 25.6





#7

Phenol-d6

Concen: 74.641 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 99 Resp: 824574

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

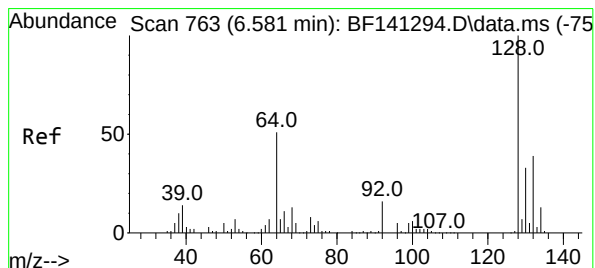
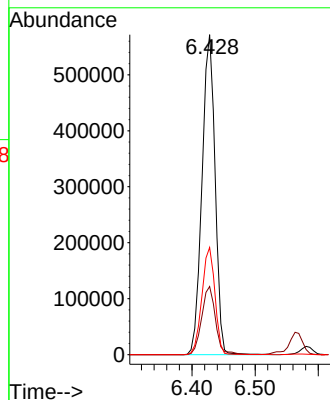
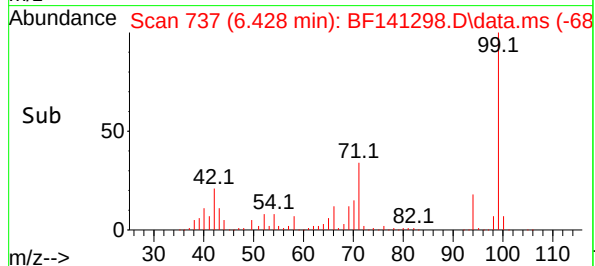
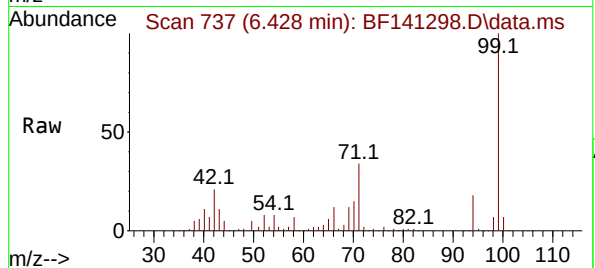
71 33.5 26.9 40.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#8

2-Chlorophenol

Concen: 37.505 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.012 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

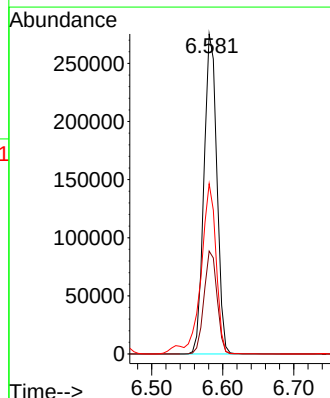
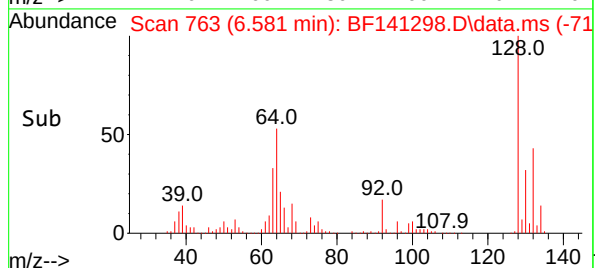
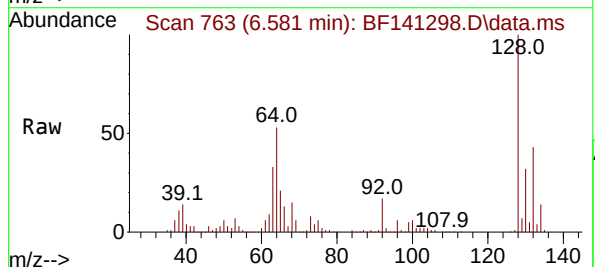
Tgt Ion:128 Resp: 349085

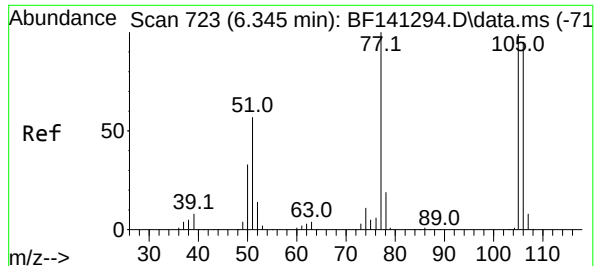
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 53.2 32.9 72.9





#9

Benzaldehyde

Concen: 36.965 ng

RT: 6.346 min Scan# 723

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 77 Resp: 23653

Ion Ratio Lower Upper

77 100

105 99.5 79.4 119.4

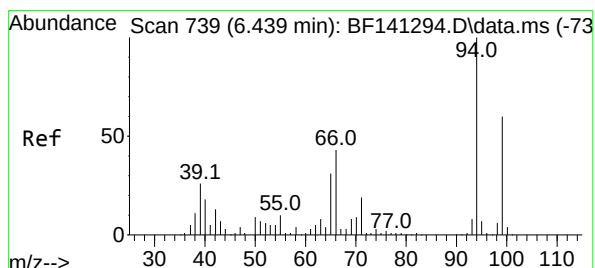
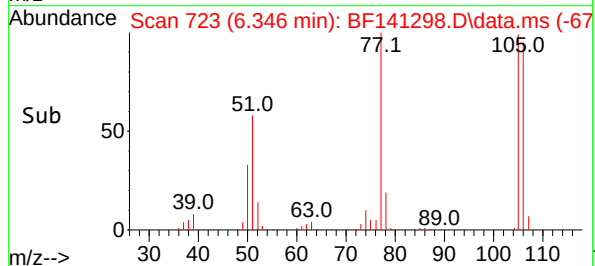
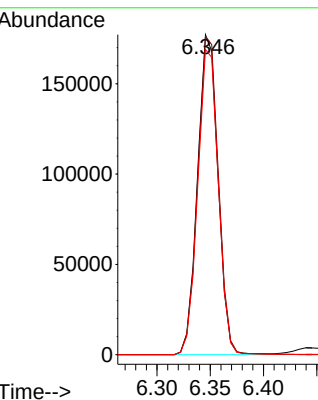
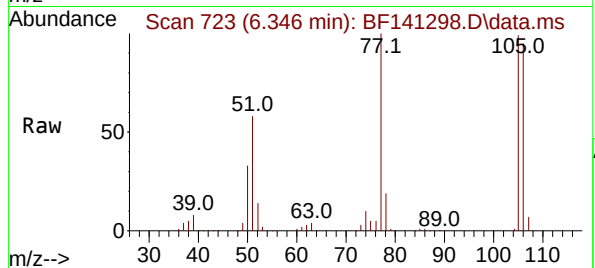
106 95.3 74.6 114.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#10

Phenol

Concen: 37.888 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

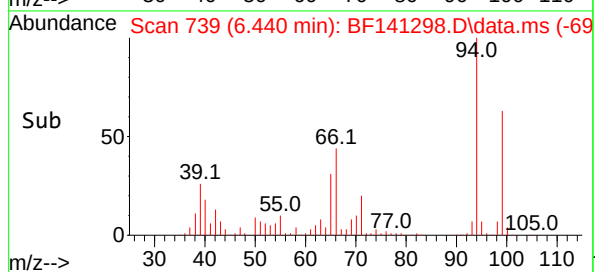
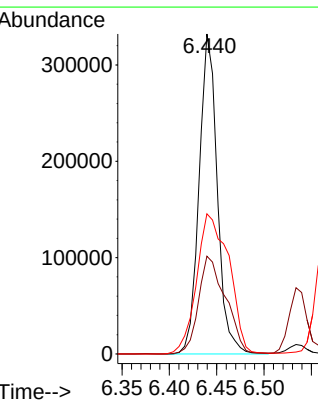
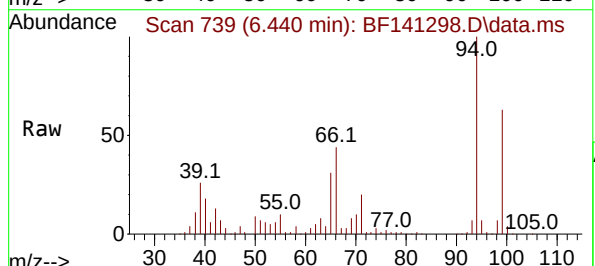
Tgt Ion: 94 Resp: 443695

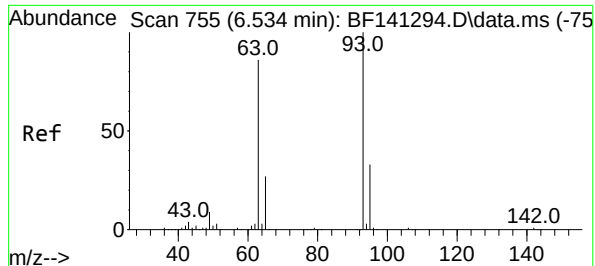
Ion Ratio Lower Upper

94 100

65 30.5 10.8 50.8

66 43.8 23.3 63.3





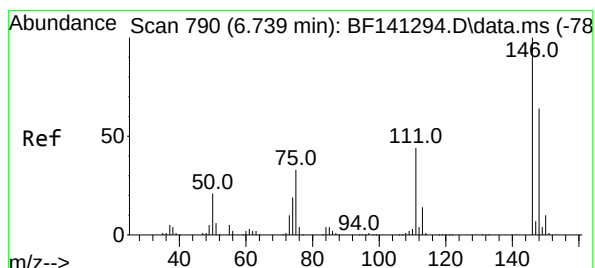
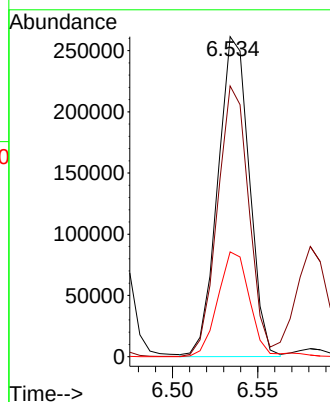
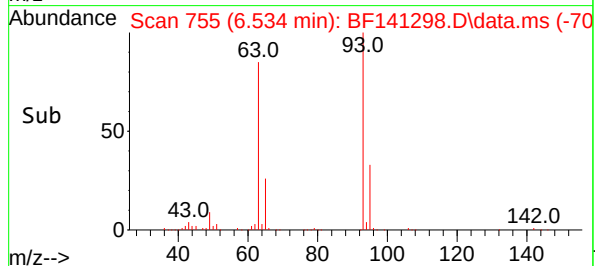
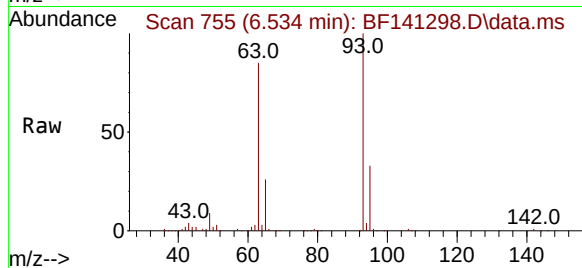
#11
bis(2-Chloroethyl)ether
Concen: 37.387 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
Client Sample Id :
ICVBF012925

Tgt Ion: 93 Resp: 335702
Ion Ratio Lower Upper
93 100
63 84.6 65.0 105.0
95 32.8 12.4 52.4

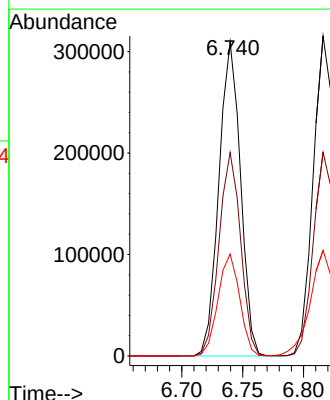
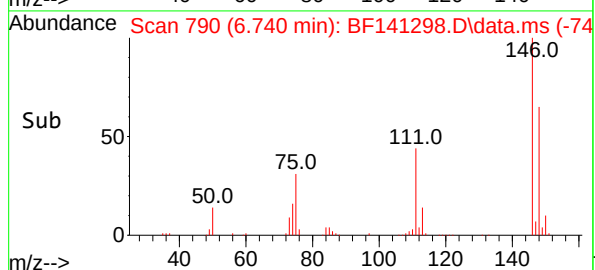
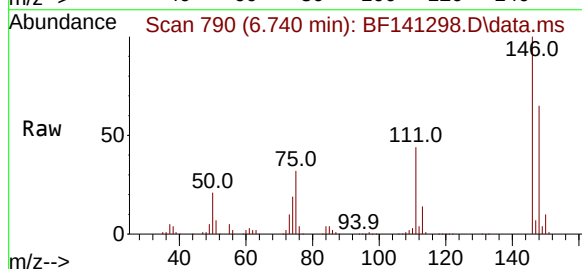
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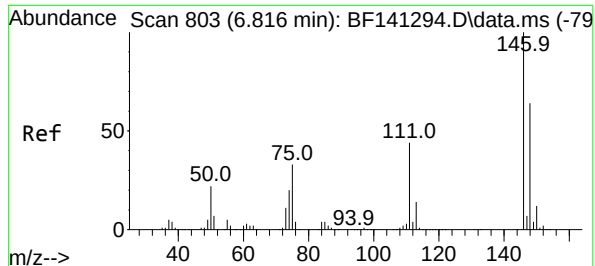
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 382682
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 32.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.885 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion:146 Resp: 39059

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

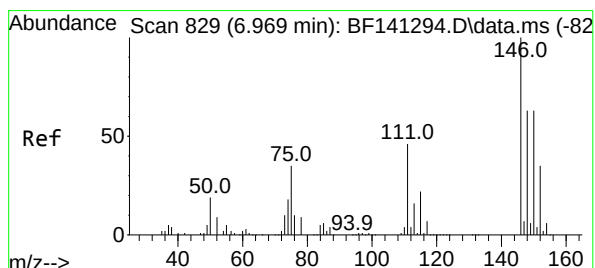
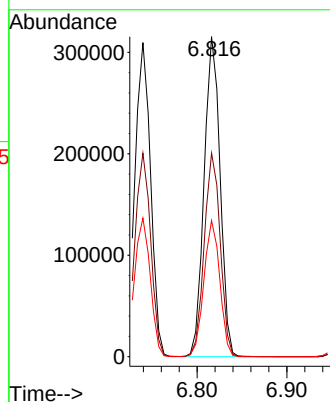
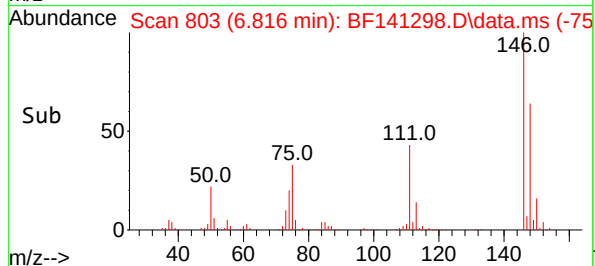
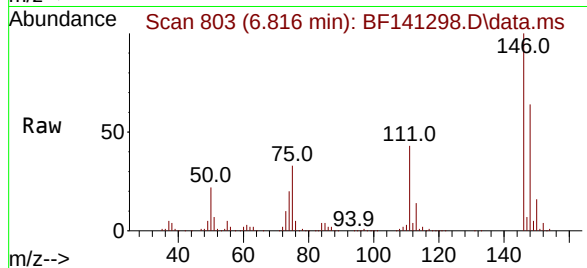
111 42.5 35.0 52.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 37.241 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

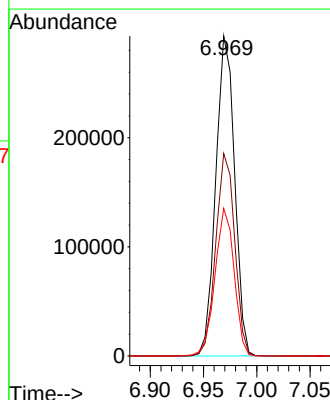
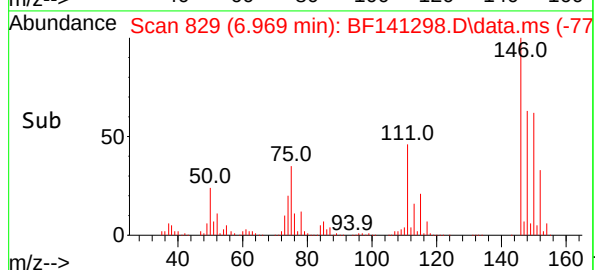
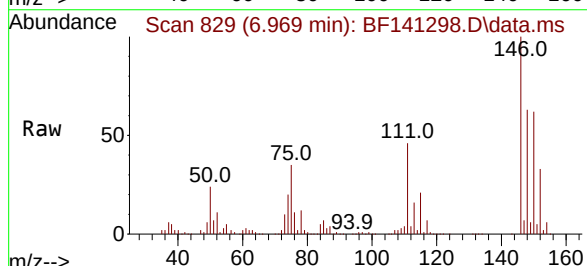
Tgt Ion:146 Resp: 359529

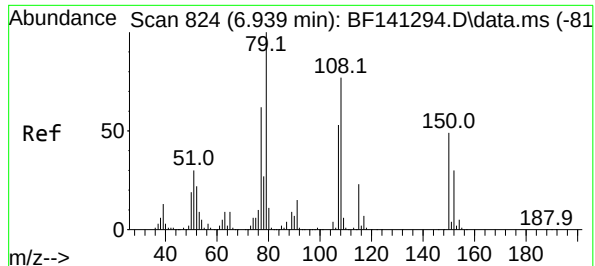
Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

111 46.1 36.6 55.0





#15

Benzyl Alcohol

Concen: 37.952 ng

RT: 6.940 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 79 Resp: 286519

Ion Ratio Lower Upper

79 100

108 76.8 61.4 92.0

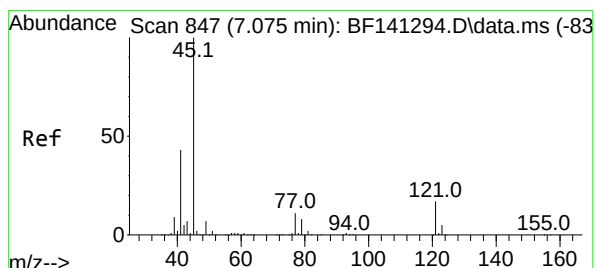
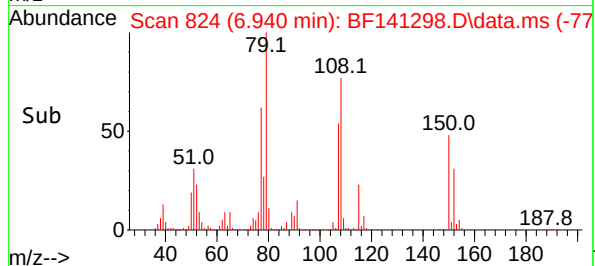
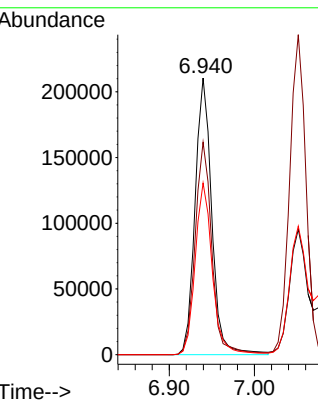
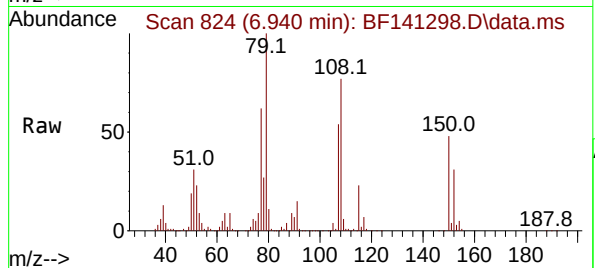
77 62.0 49.9 74.9

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.636 ng

RT: 7.075 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

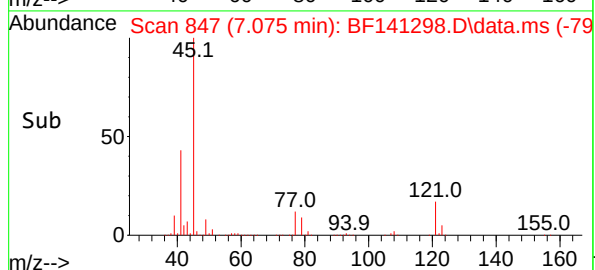
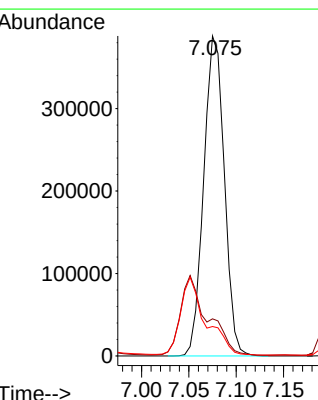
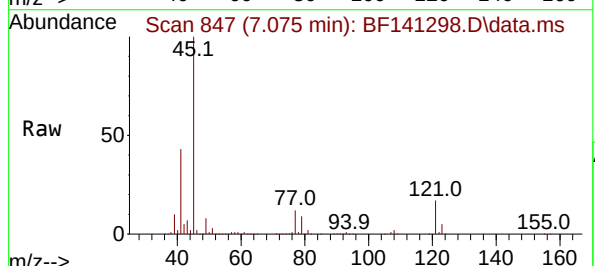
Tgt Ion: 45 Resp: 587637

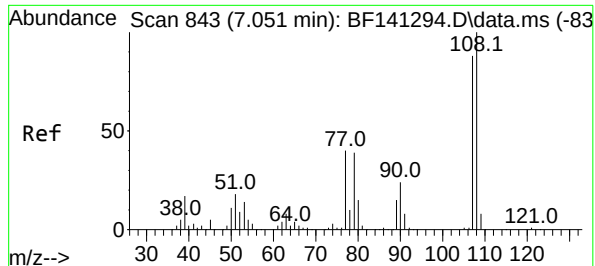
Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.8

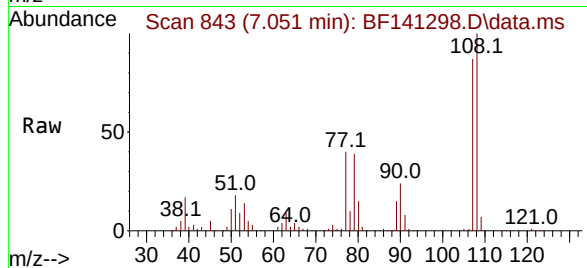
79 9.2 0.0 29.1





#17
2-Methylphenol
Concen: 36.544 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

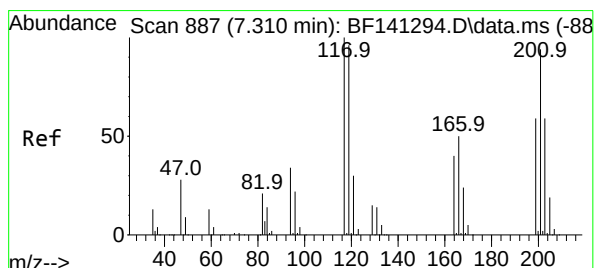
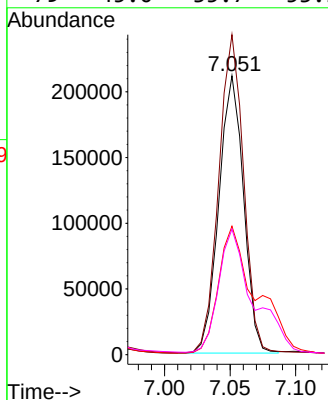
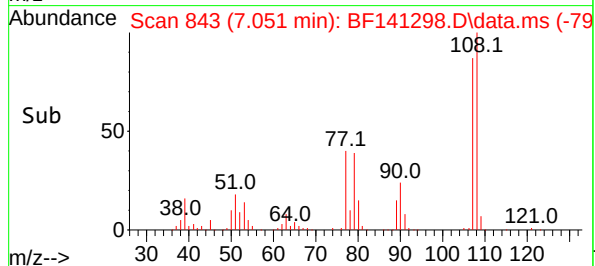
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:107 Resp: 276450
Ion Ratio Lower Upper
107 100
108 114.8 90.8 136.2
77 46.1 36.2 54.4
79 45.0 35.7 53.5

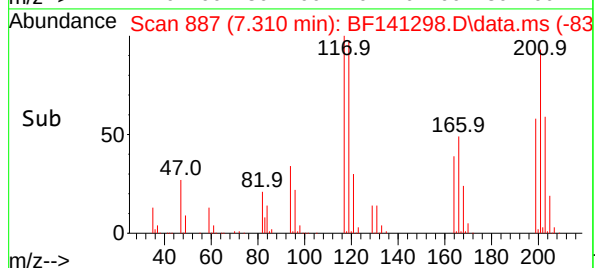
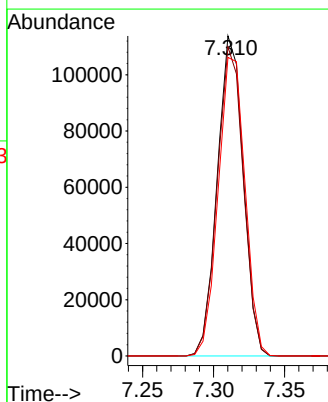
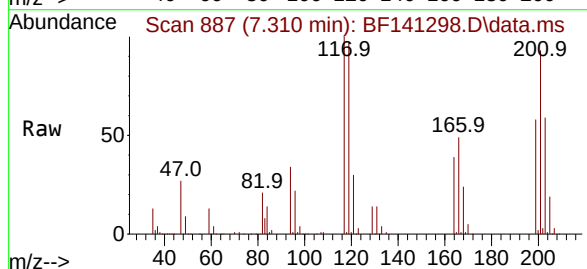
Manual Integrations
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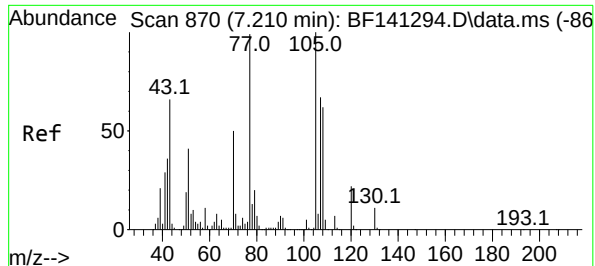
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 38.094 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:117 Resp: 144890
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8
201 93.3 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.848 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 70 Resp: 241878

Ion Ratio Lower Upper

70 100

42 71.3 56.8 85.2

101 9.8 7.7 11.5

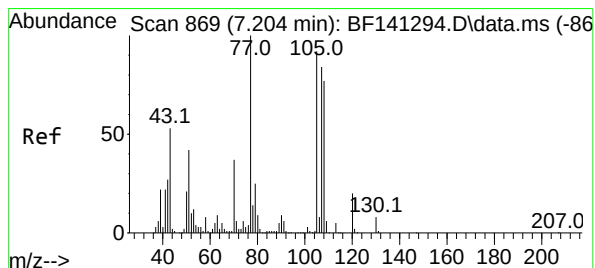
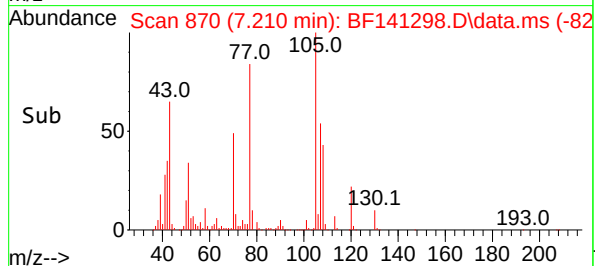
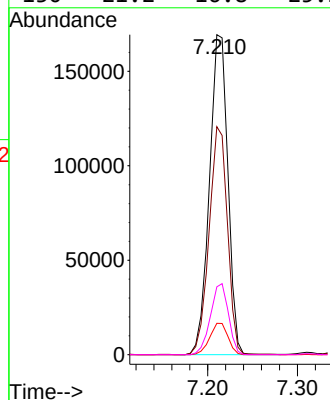
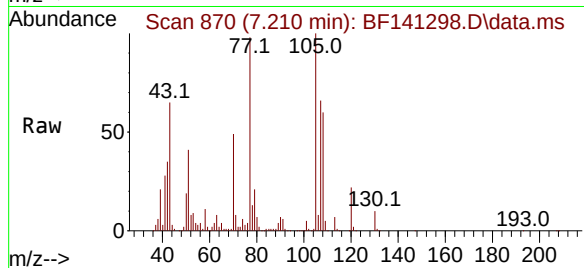
130 21.2 16.8 25.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#20

3+4-Methylphenols

Concen: 37.364 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 347046

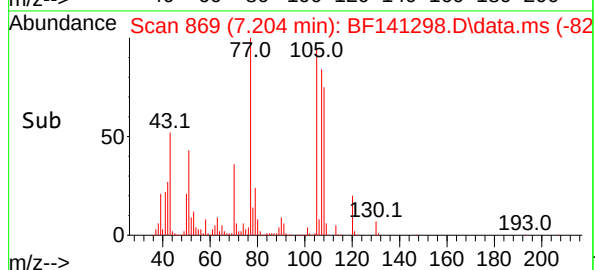
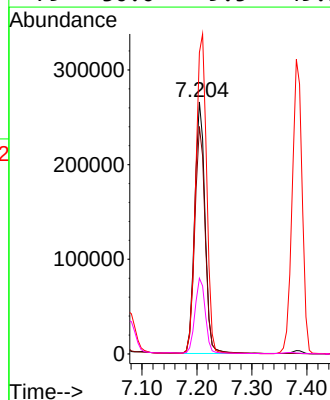
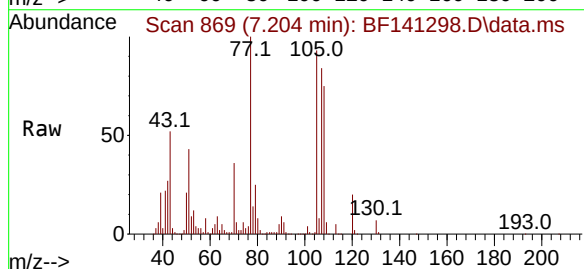
Ion Ratio Lower Upper

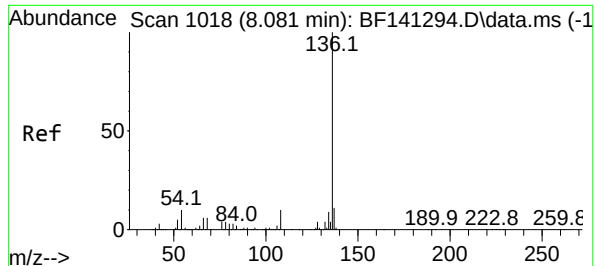
107 100

108 90.2 70.9 110.9

77 119.7 98.5 138.5

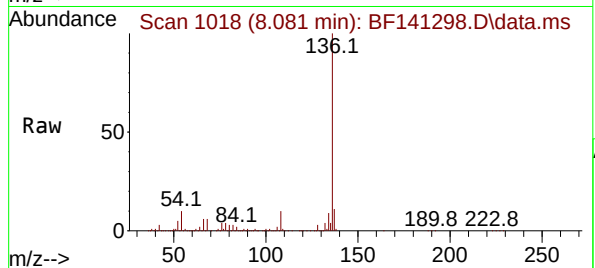
79 30.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

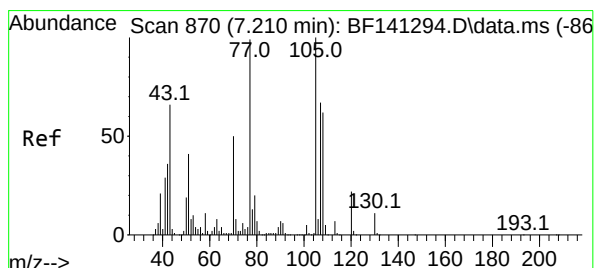
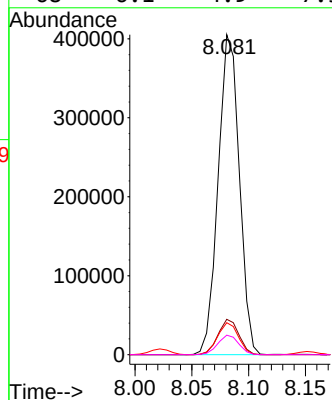
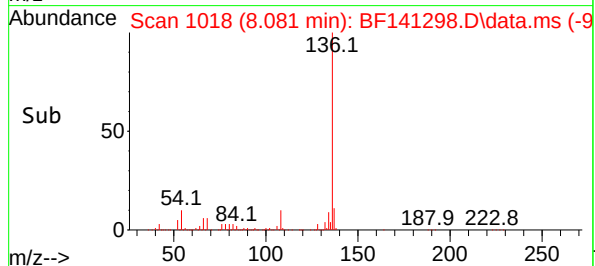
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:136 Resp: 525644
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.0 7.8 11.8
68 6.1 4.9 7.3

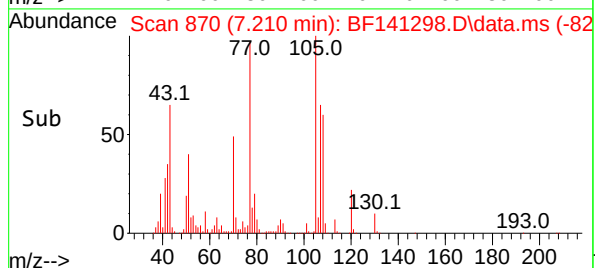
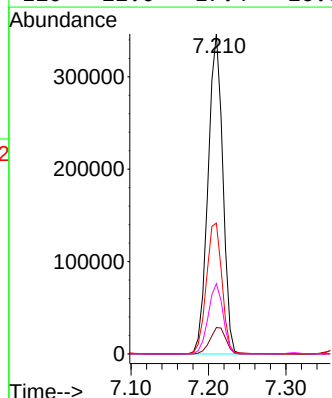
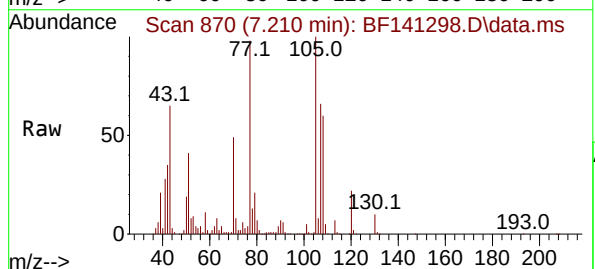
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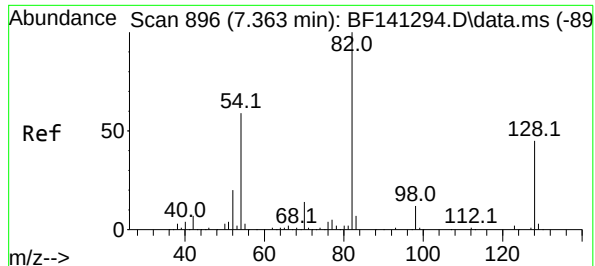
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 36.717 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:105 Resp: 458757
Ion Ratio Lower Upper
105 100
71 8.3 6.8 10.2
51 40.9 32.6 49.0
120 22.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 75.630 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion: 82 Resp: 754118

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

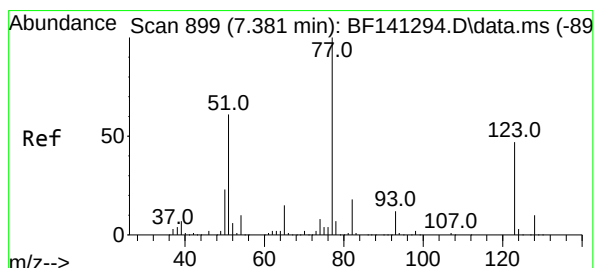
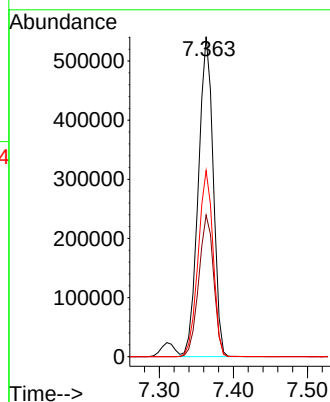
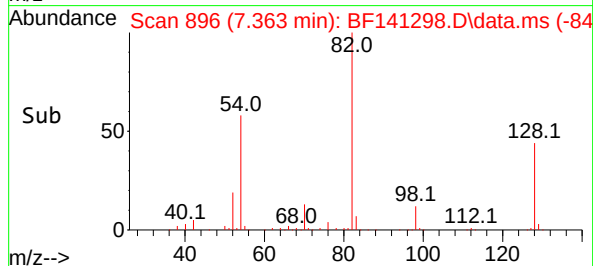
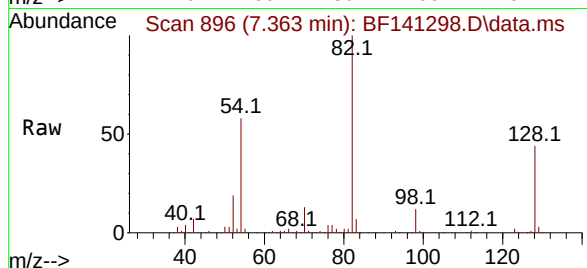
54 58.2 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 37.927 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

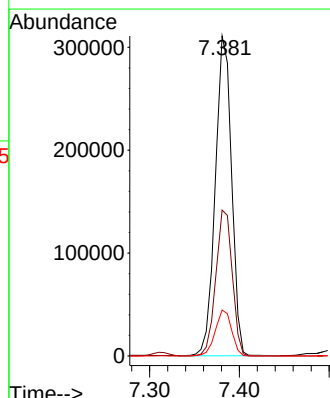
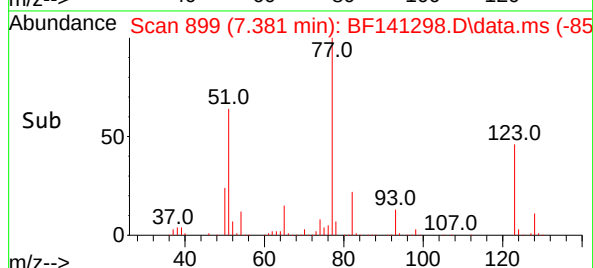
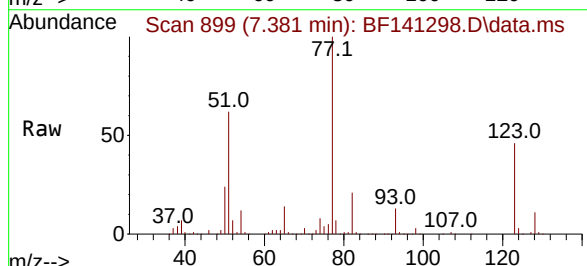
Tgt Ion: 77 Resp: 391907

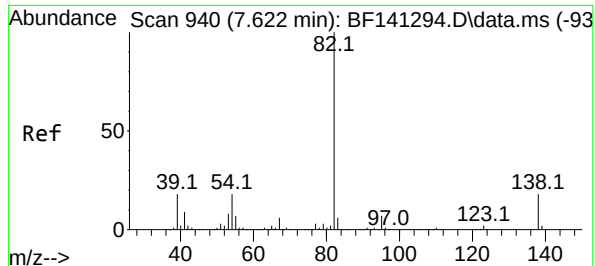
Ion Ratio Lower Upper

77 100

123 45.6 37.3 55.9

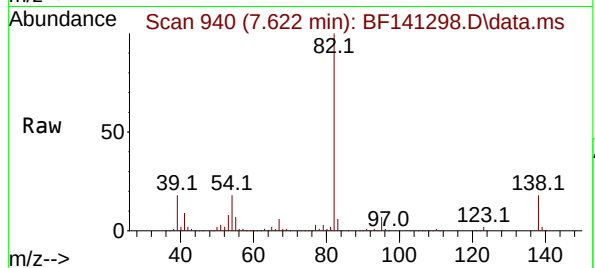
65 14.4 11.8 17.6





#25
Isophorone
Concen: 37.439 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

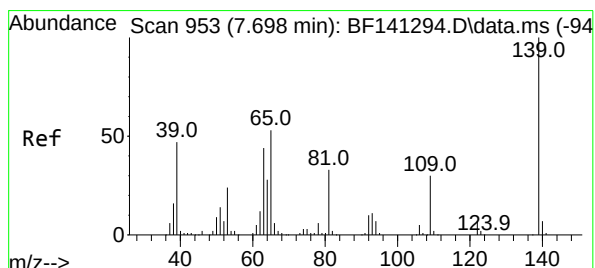
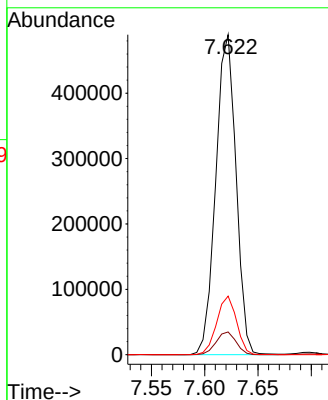
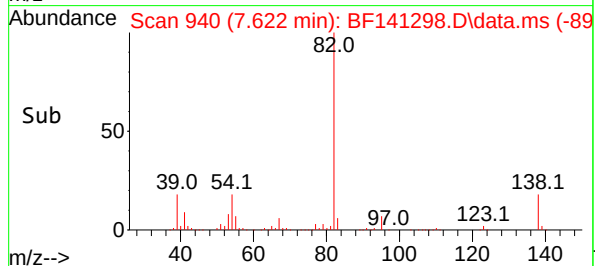
Instrument :
BNA_F
Client Sample Id :
ICVBF012925



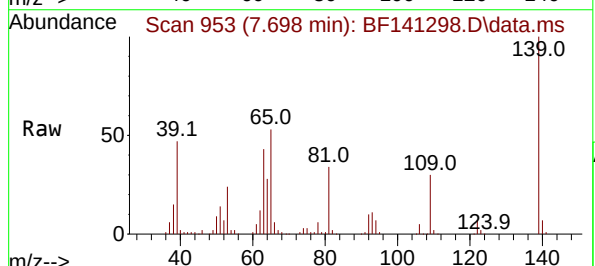
Tgt Ion: 82 Resp: 645309
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.3 14.7 22.1

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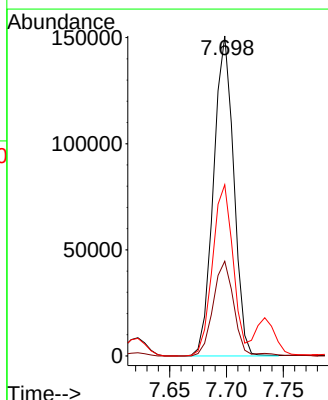
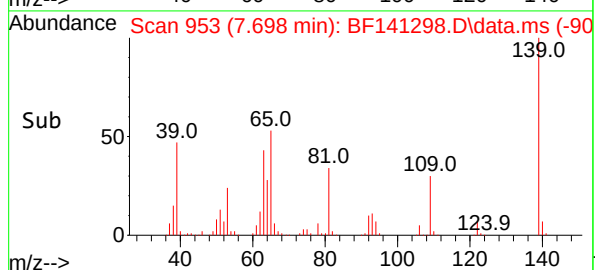
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

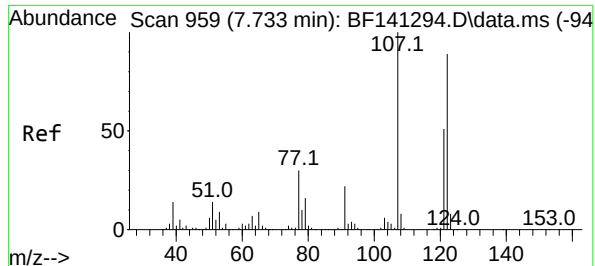


#26
2-Nitrophenol
Concen: 38.289 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



Tgt Ion:139 Resp: 186592
Ion Ratio Lower Upper
139 100
109 29.6 23.8 35.6
65 53.5 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.055 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

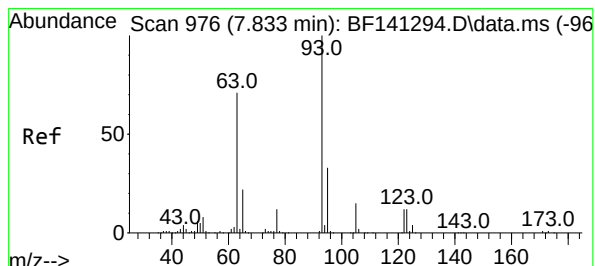
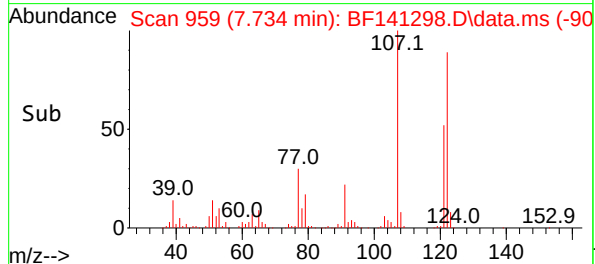
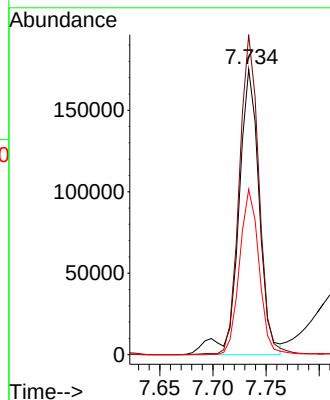
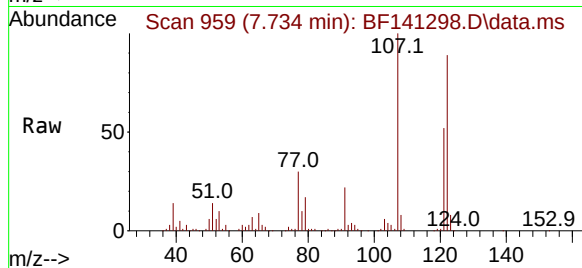
ICVBF012925

Tgt Ion:122 Resp: 236052
Ion Ratio Lower Upper
122 100
107 112.0 89.9 134.9
121 57.9 46.1 69.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 37.460 ng

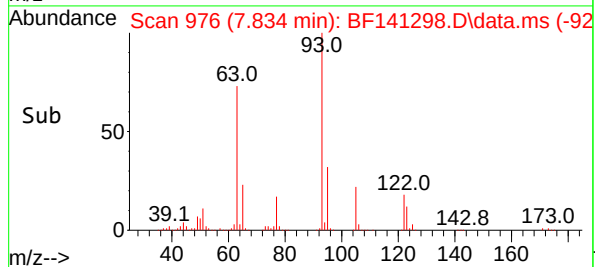
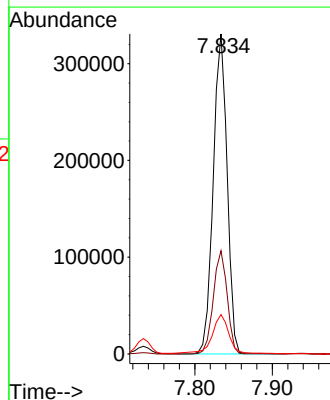
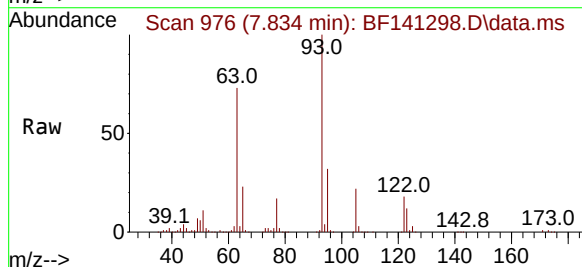
RT: 7.834 min Scan# 976

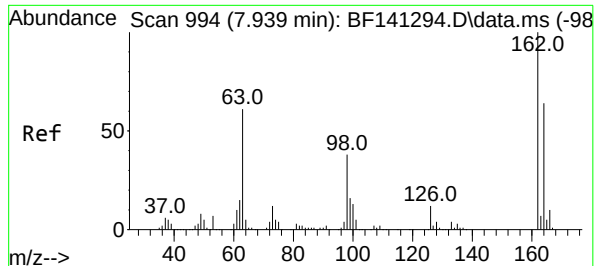
Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 411851
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.2
123 12.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.675 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141298.D

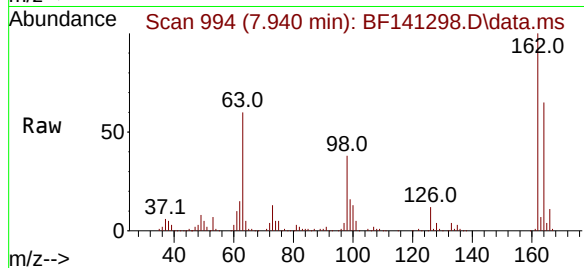
Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925



Tgt Ion:162 Resp: 286090

Ion Ratio Lower Upper

162 100

164 65.1 44.2 84.2

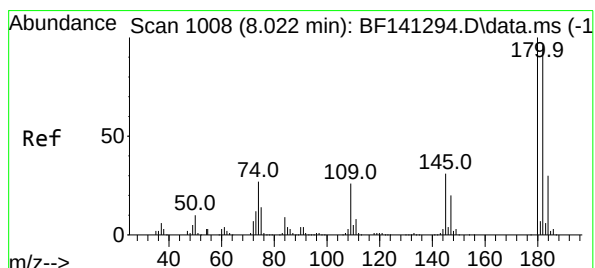
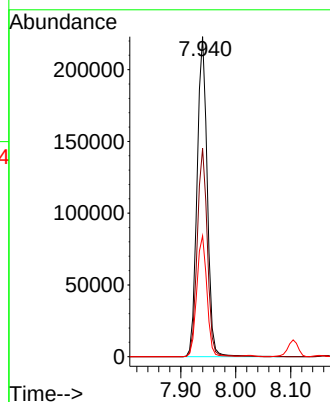
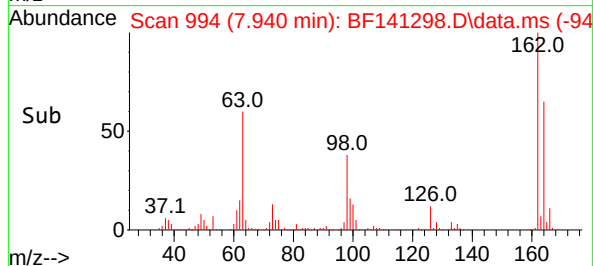
98 37.7 18.2 58.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

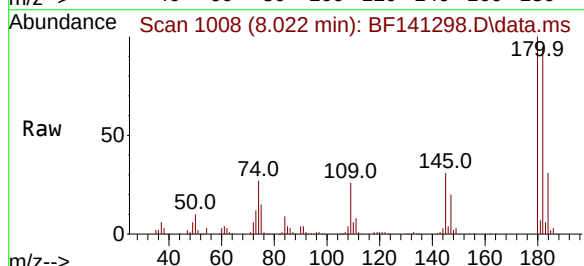
Concen: 36.488 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31



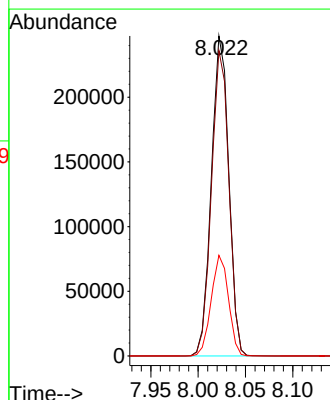
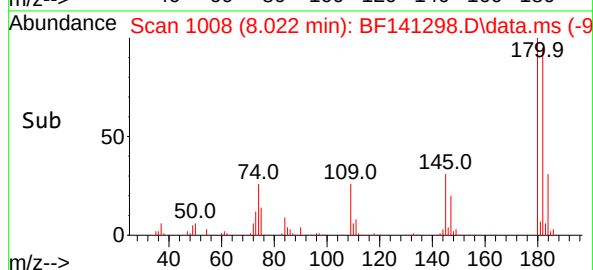
Tgt Ion:180 Resp: 316431

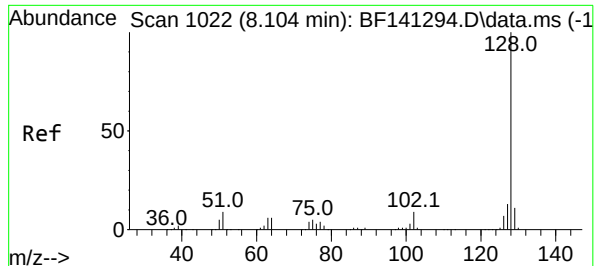
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

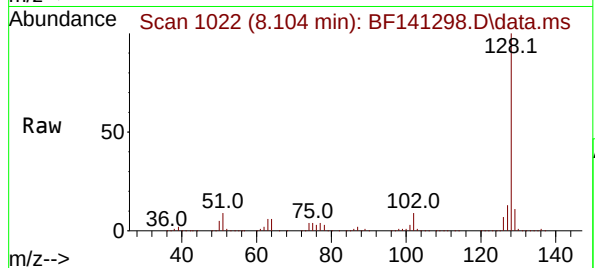
145 31.4 24.9 37.3





#31
Naphthalene
Concen: 37.128 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

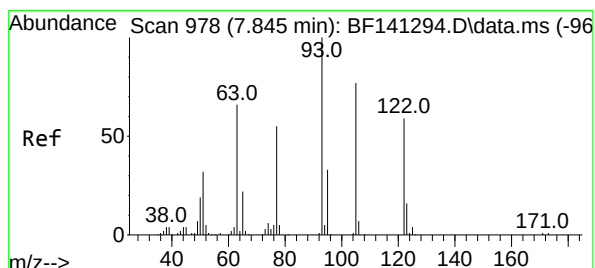
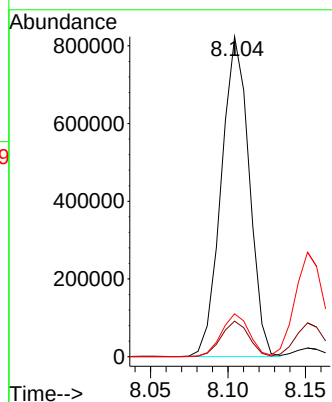
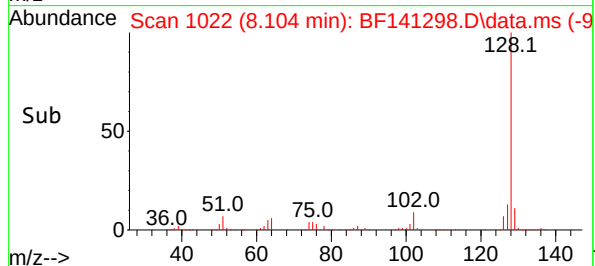
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:128 Resp: 103099
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8

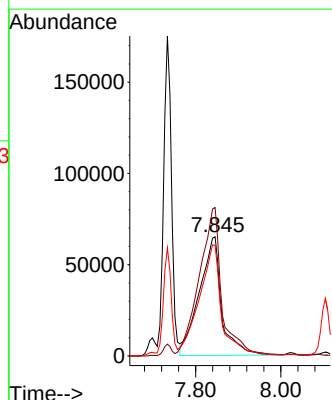
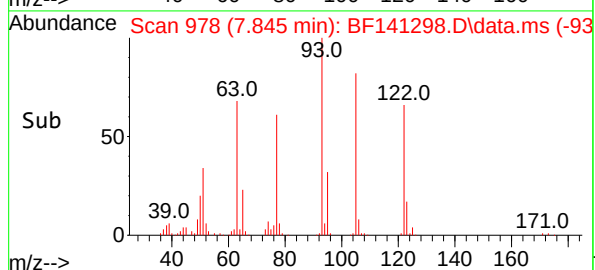
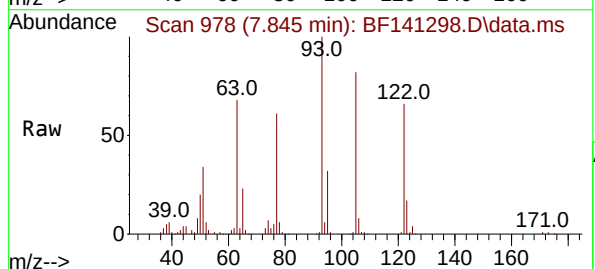
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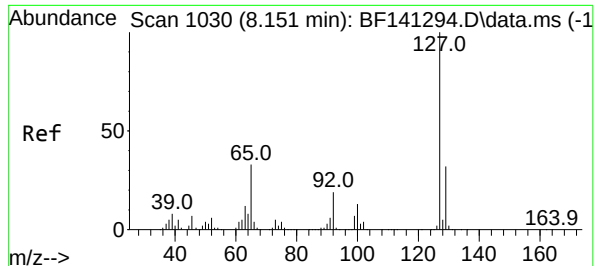
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 41.534 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

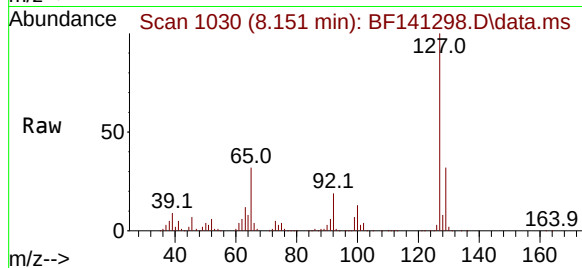
Tgt Ion:122 Resp: 236833
Ion Ratio Lower Upper
122 100
105 124.7 103.4 143.4
77 92.8 70.9 110.9





#33
4-Chloroaniline
Concen: 37.214 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

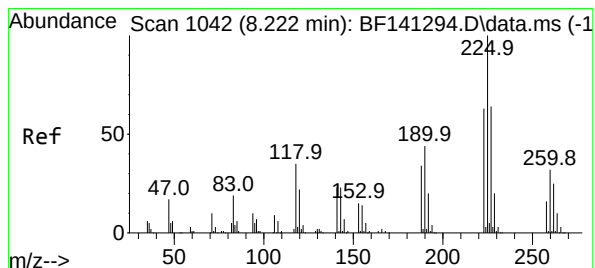
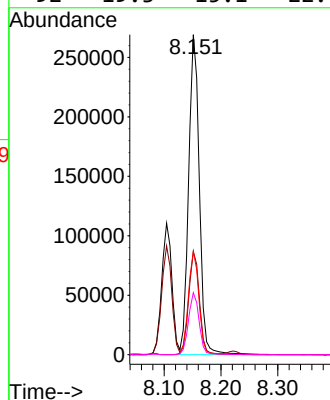
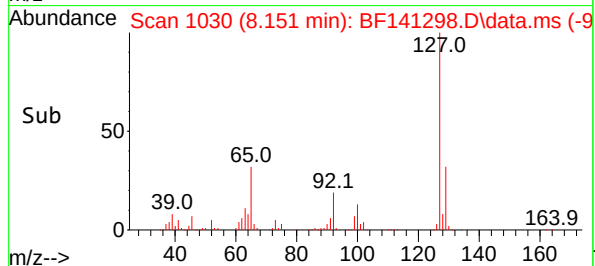
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:127 Resp: 35042
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 32.3 26.4 39.6
92 19.3 15.1 22.7

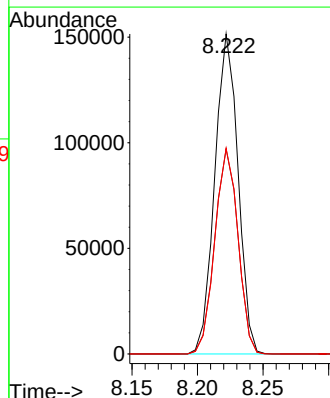
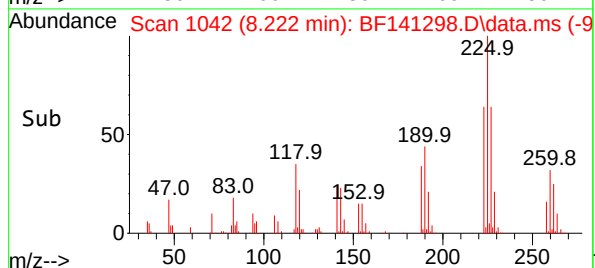
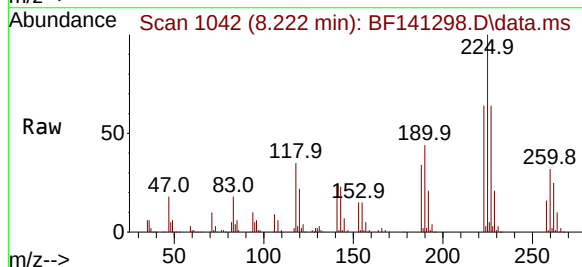
Manual Integrations
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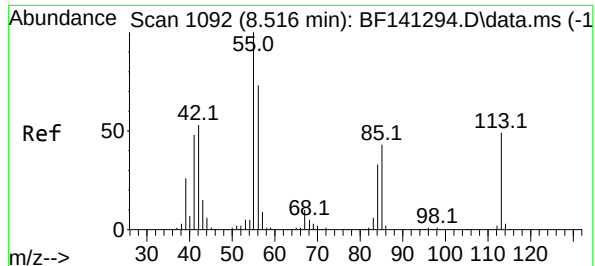
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 36.676 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

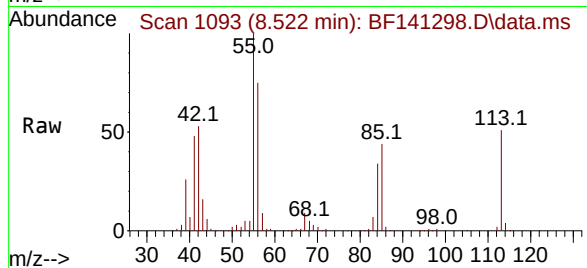
Tgt Ion:225 Resp: 186523
Ion Ratio Lower Upper
225 100
223 64.0 50.4 75.6
227 64.2 51.3 76.9





#35
Caprolactam
Concen: 37.662 ng
RT: 8.522 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

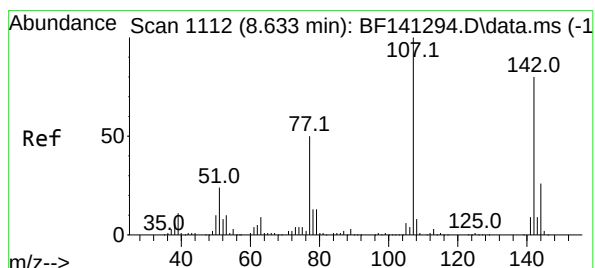
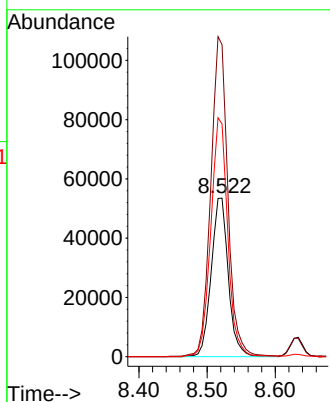
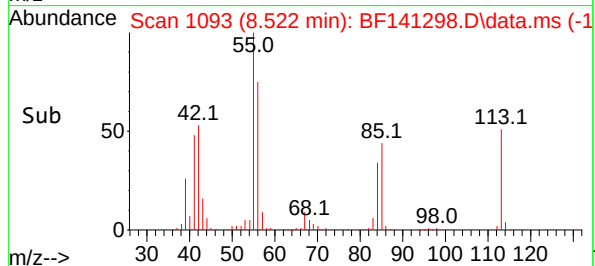
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:113 Resp: 9340
Ion Ratio Lower Upper
113 100
55 196.8 182.9 222.9
56 146.7 127.9 167.9

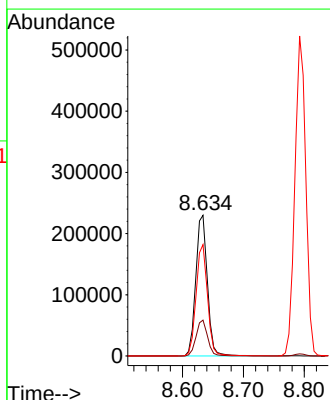
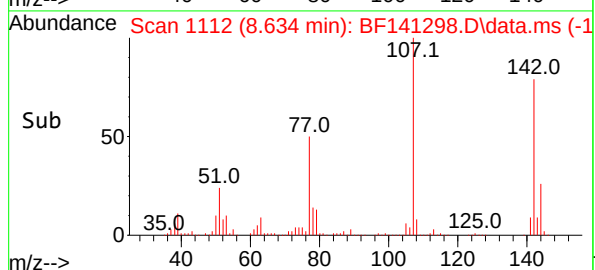
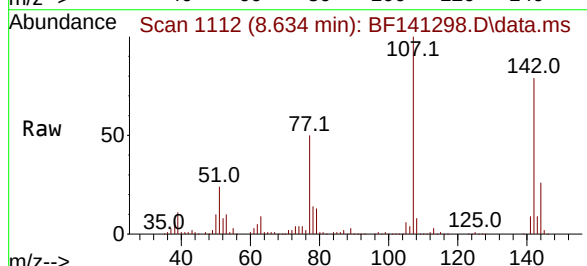
Manual Integrations
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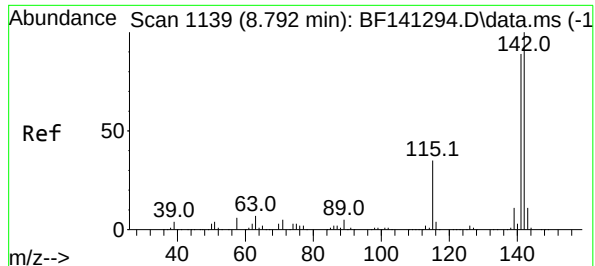
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#36
4-Chloro-3-methylphenol
Concen: 37.480 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

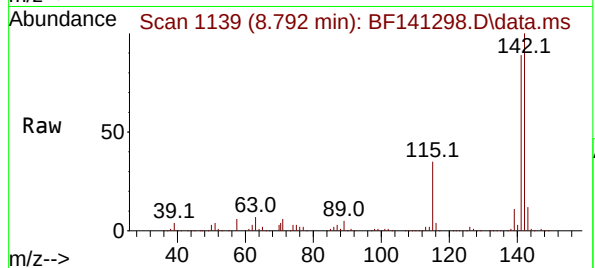
Tgt Ion:107 Resp: 305288
Ion Ratio Lower Upper
107 100
144 25.5 20.7 31.1
142 79.1 63.8 95.8





#37
2-Methylnaphthalene
Concen: 36.898 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

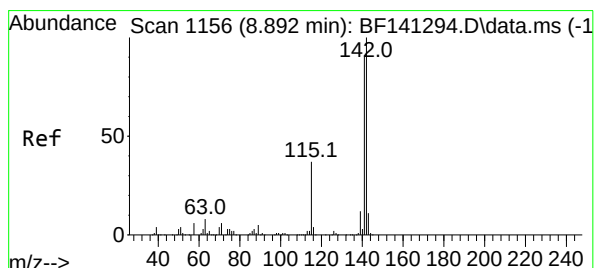
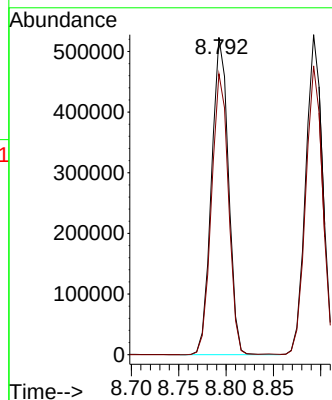
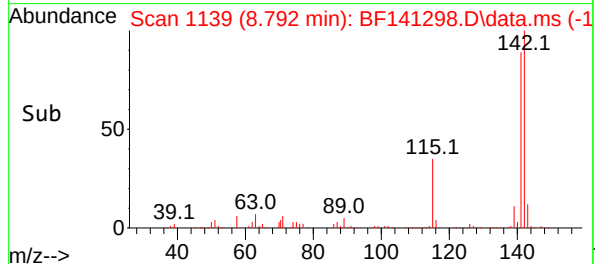
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:142 Resp: 65122
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9

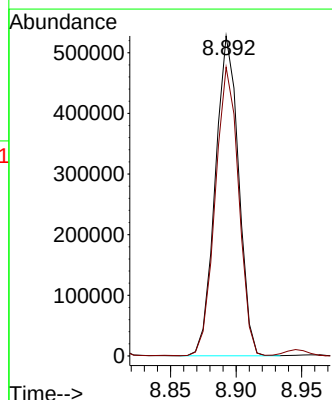
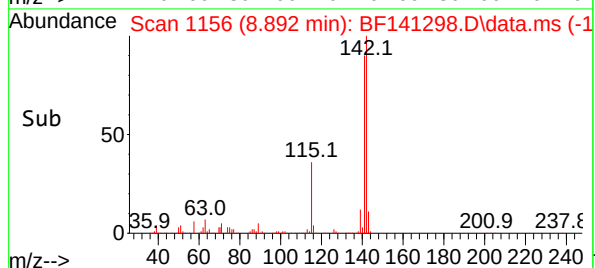
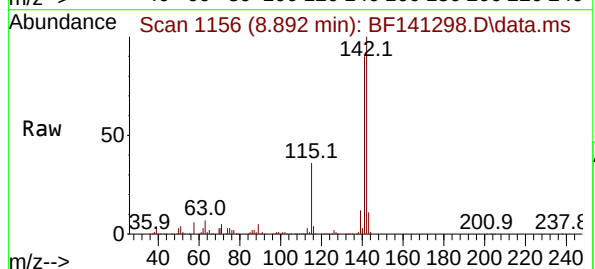
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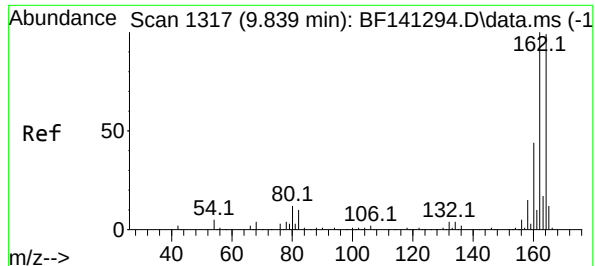
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 37.570 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:142 Resp: 651341
Ion Ratio Lower Upper
142 100
141 90.3 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion:164 Resp: 279764

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

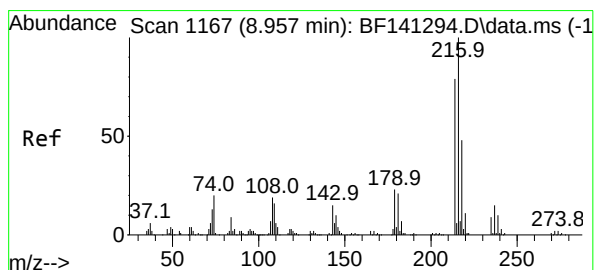
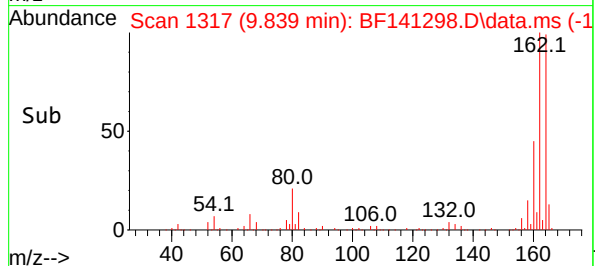
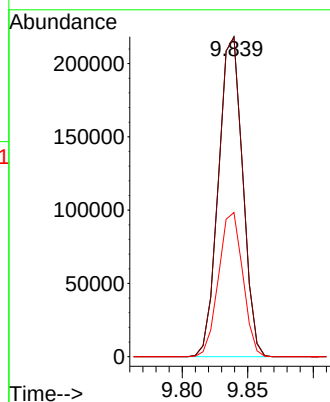
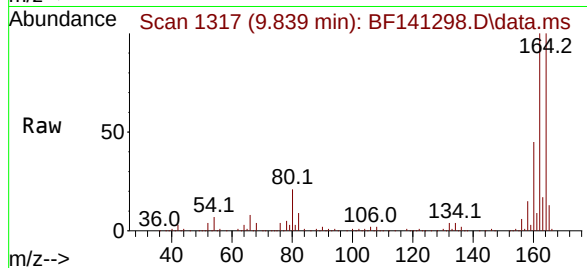
160 45.1 35.8 53.6

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.226 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Tgt Ion:216 Resp: 296277

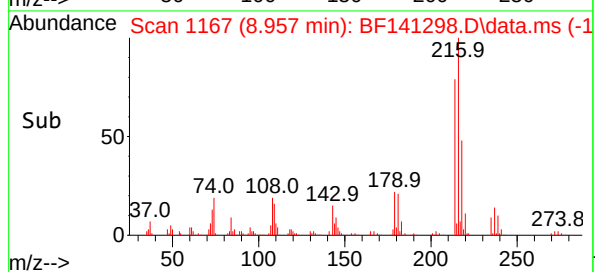
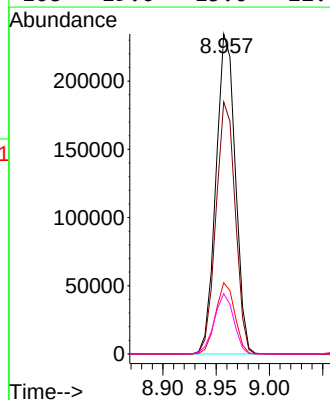
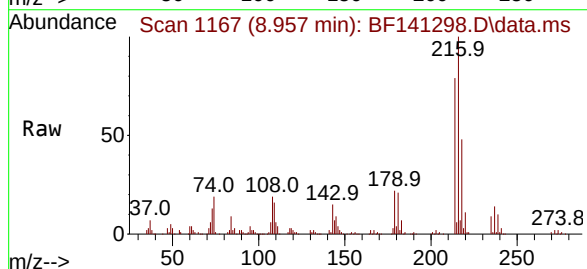
Ion Ratio Lower Upper

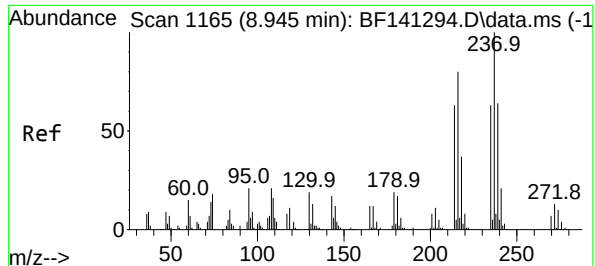
216 100

214 78.4 63.2 94.8

179 22.0 17.8 26.8

108 19.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 39.961 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion:237 Resp: 93930

Ion Ratio Lower Upper

237 100

235 64.9 42.9 82.9

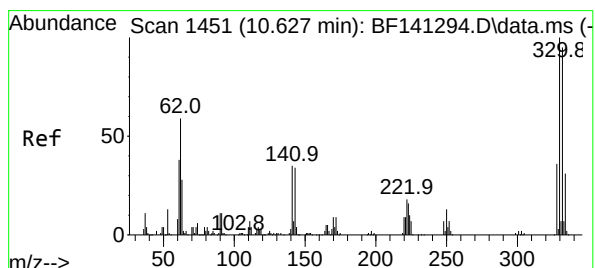
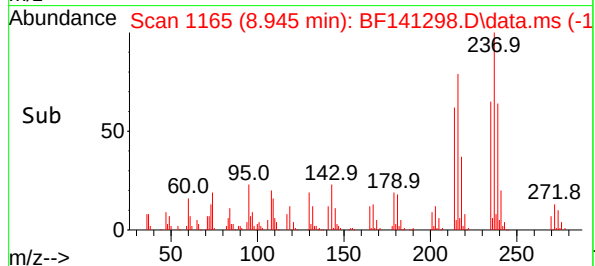
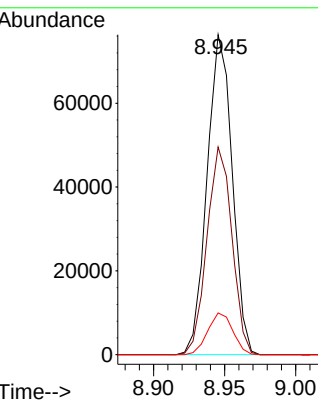
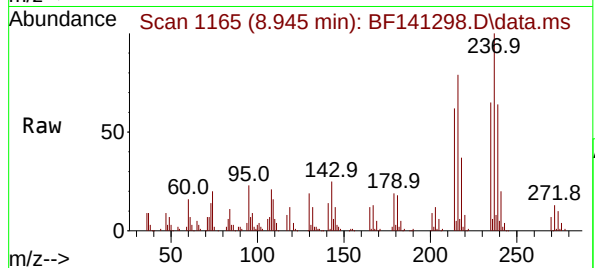
272 13.1 0.0 32.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#42

2,4,6-Tribromophenol

Concen: 75.161 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

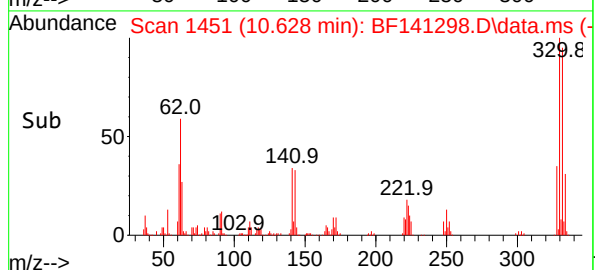
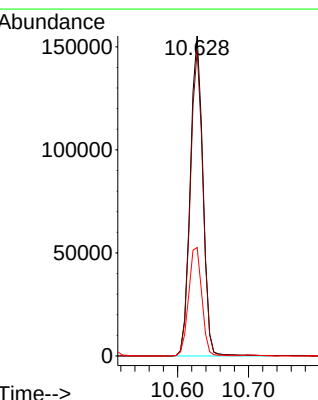
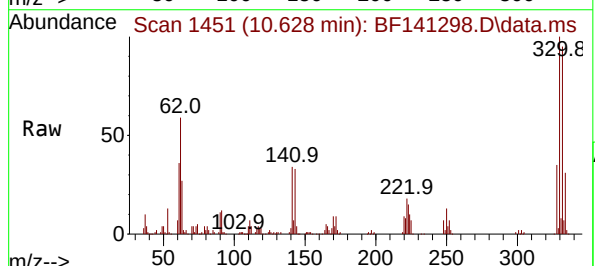
Tgt Ion:330 Resp: 192773

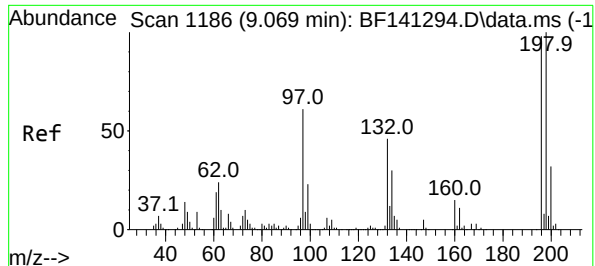
Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

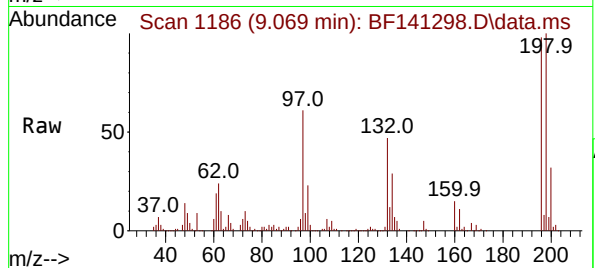
141 35.5 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

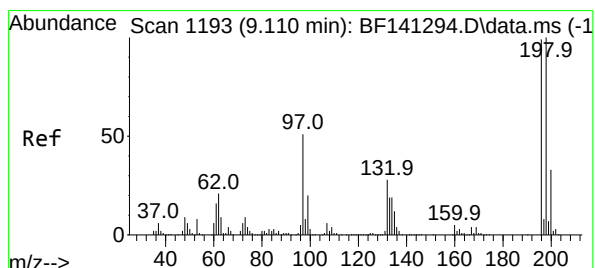
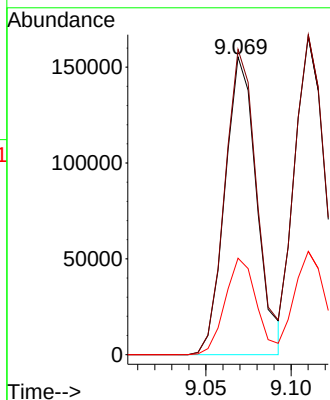
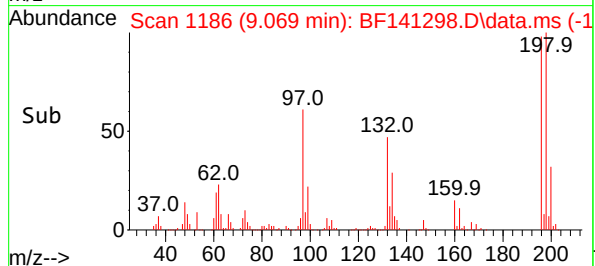
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



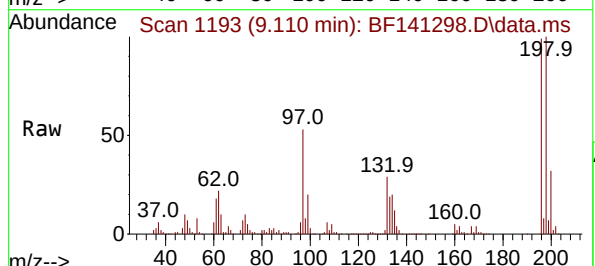
Tgt Ion:196 Resp: 201214
Ion Ratio Lower Upper
196 100
198 102.5 81.8 122.6
200 32.4 26.3 39.5

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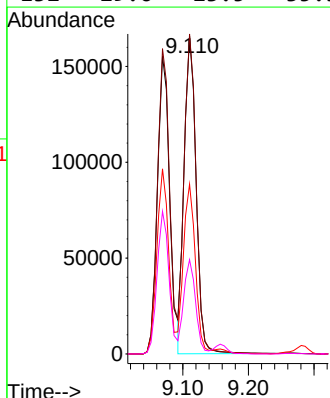
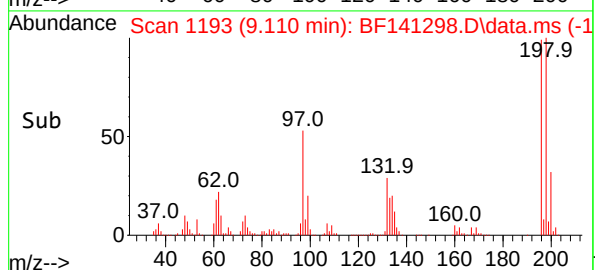
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

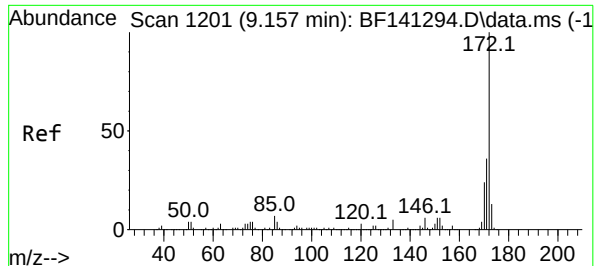


#44
2,4,5-Trichlorophenol
Concen: 36.969 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



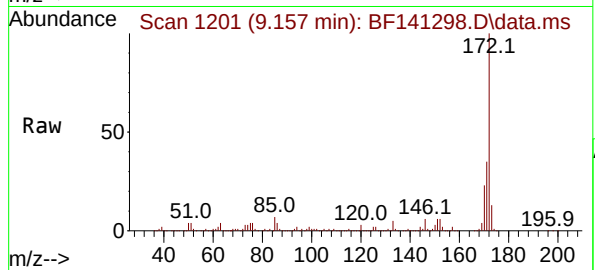
Tgt Ion:196 Resp: 209611
Ion Ratio Lower Upper
196 100
198 100.6 80.5 120.7
97 53.3 42.8 64.2
132 29.6 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 72.938 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

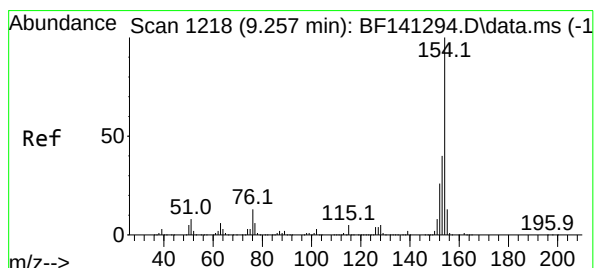
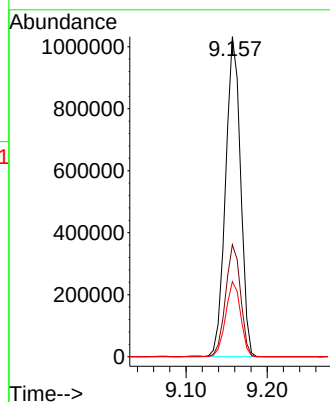
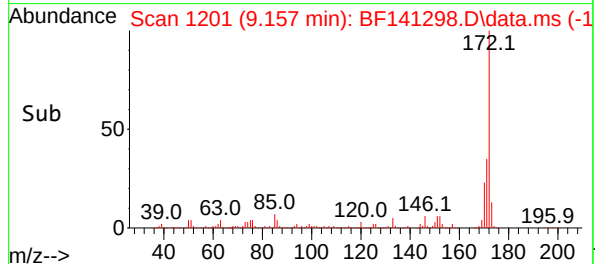
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:172 Resp: 132572
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.0 28.6

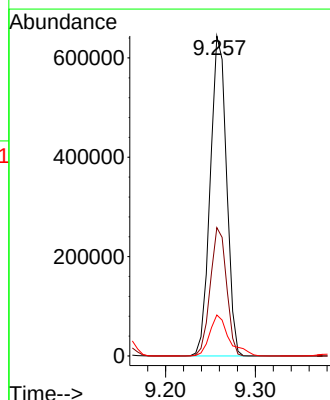
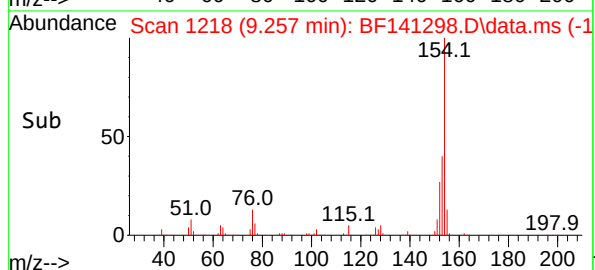
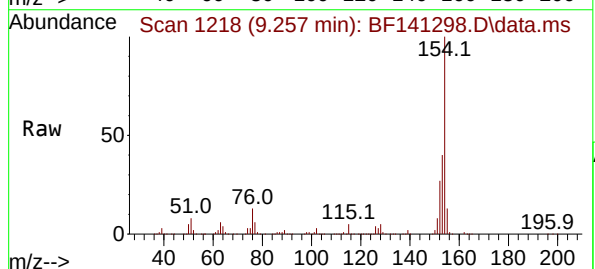
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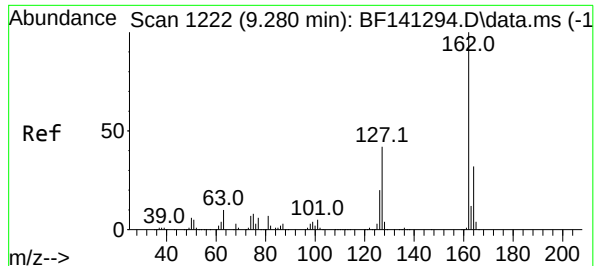
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#46
1,1'-Biphenyl
Concen: 37.111 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

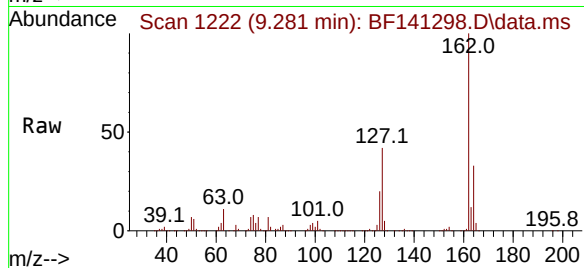
Tgt Ion:154 Resp: 809694
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 36.837 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

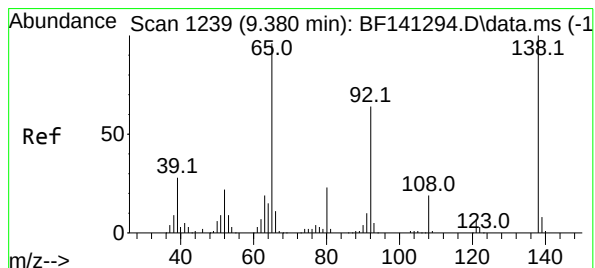
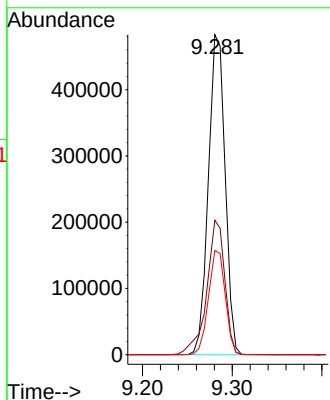
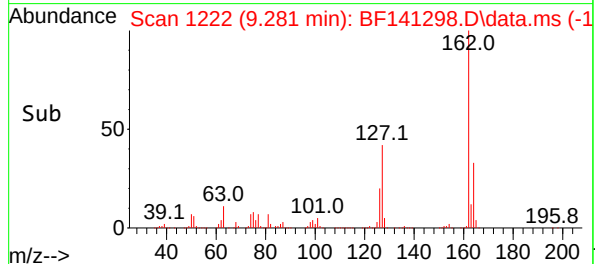
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion: 162 Resp: 62645
Ion Ratio Lower Upper
162 100
127 42.0 33.7 50.5
164 32.5 25.9 38.9

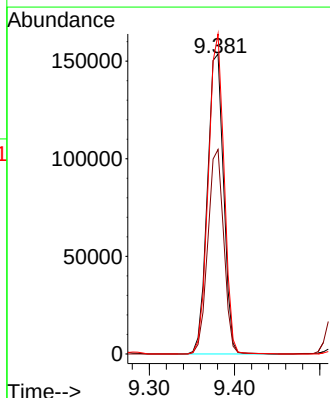
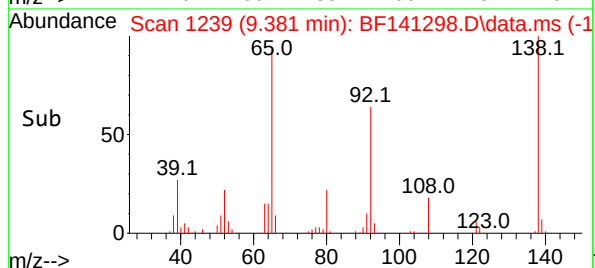
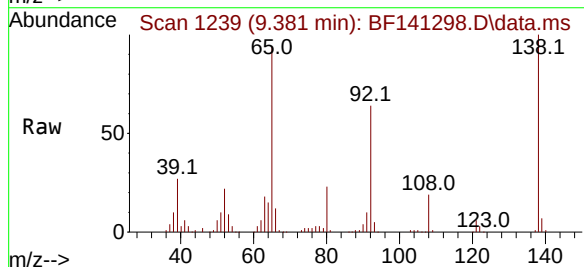
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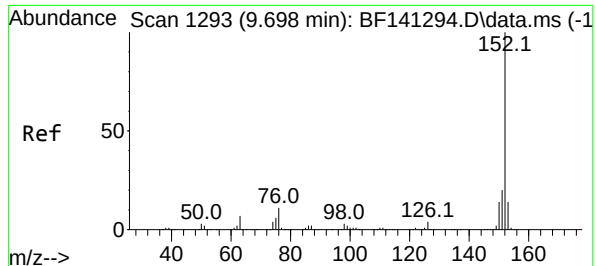
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 37.970 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 65 Resp: 203104
Ion Ratio Lower Upper
65 100
92 68.1 53.3 79.9
138 106.7 83.6 125.4





#49

Acenaphthylene

Concen: 37.416 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.006 min

Lab File: BF141298.D

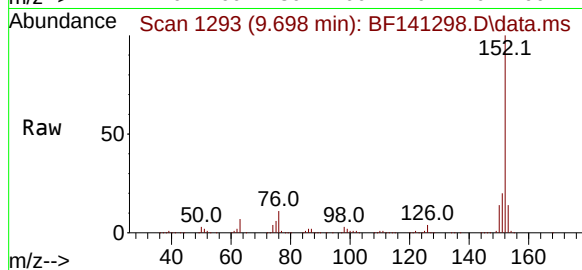
Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925



Tgt Ion:152 Resp: 890709

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

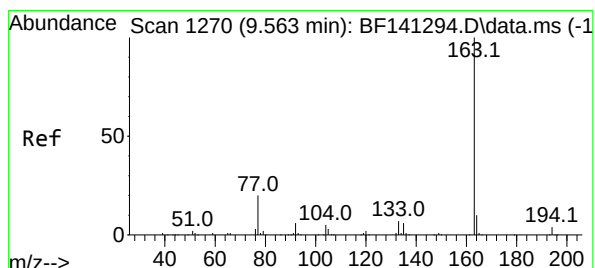
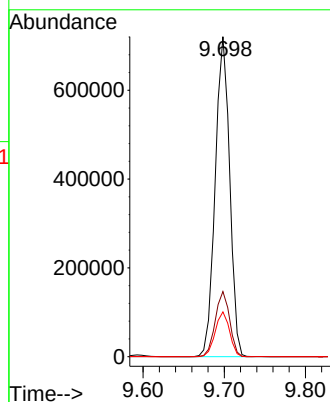
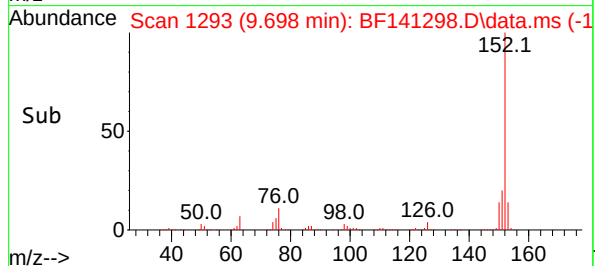
153 14.0 11.0 16.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#50

Dimethylphthalate

Concen: 36.904 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

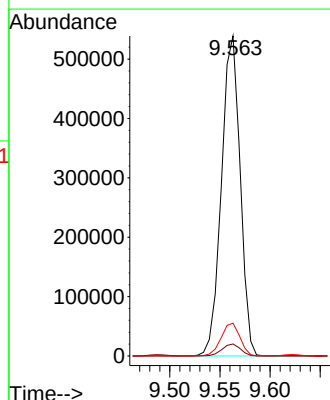
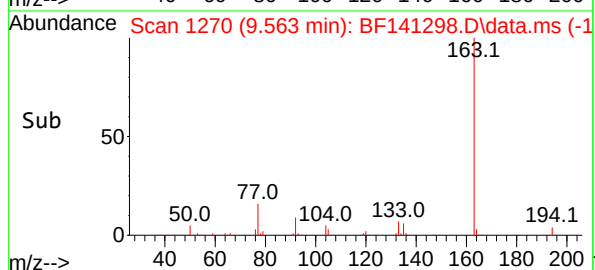
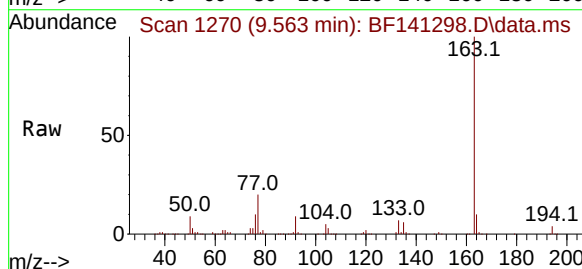
Tgt Ion:163 Resp: 697300

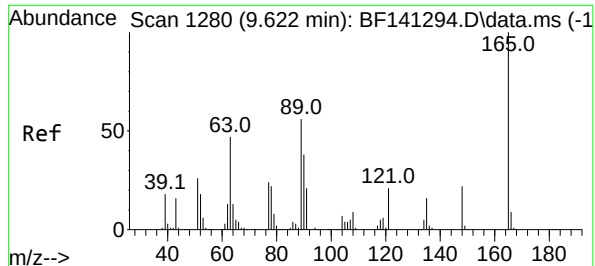
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

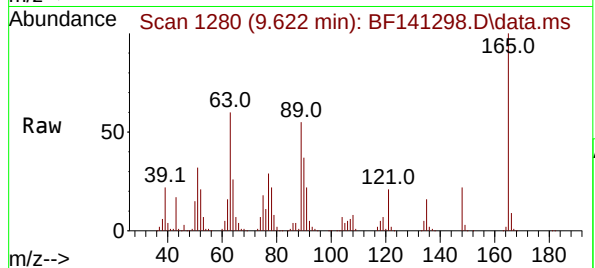
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 37.459 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

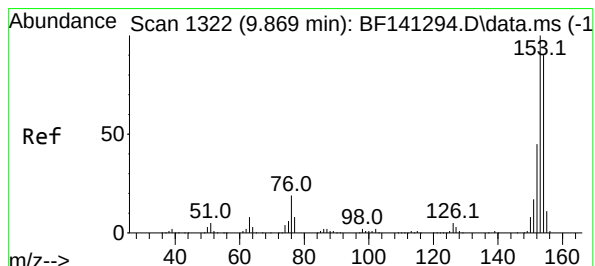
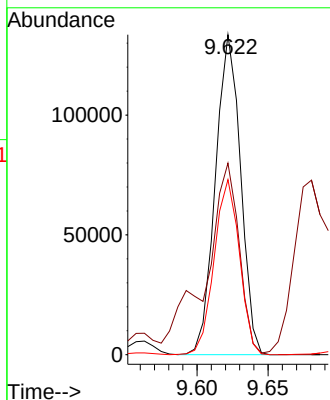
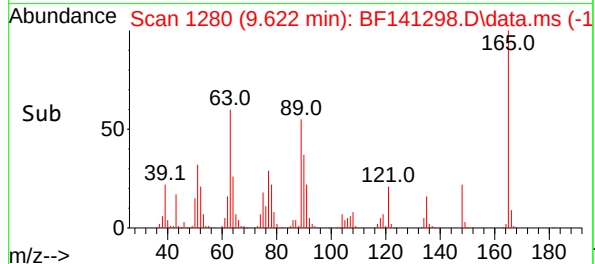
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:165 Resp: 16434
Ion Ratio Lower Upper
165 100
63 59.9 48.1 72.1
89 54.7 44.9 67.3

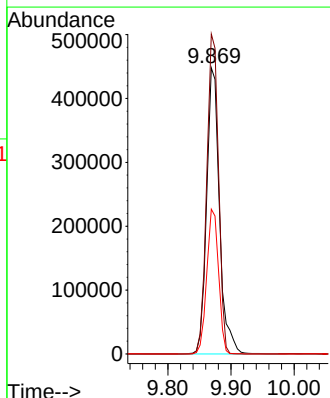
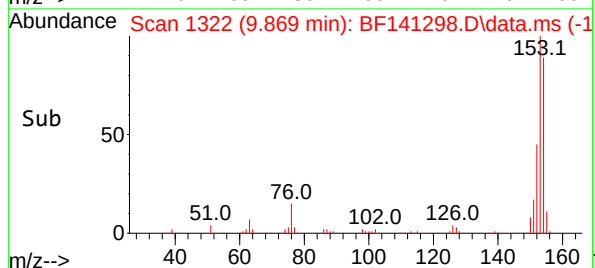
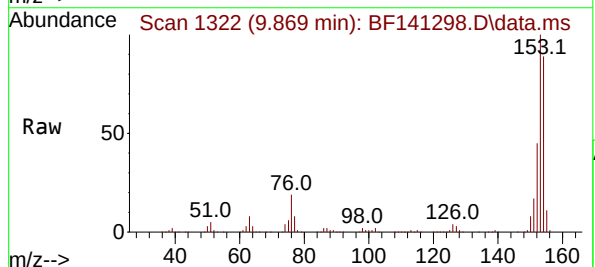
Manual Integrations
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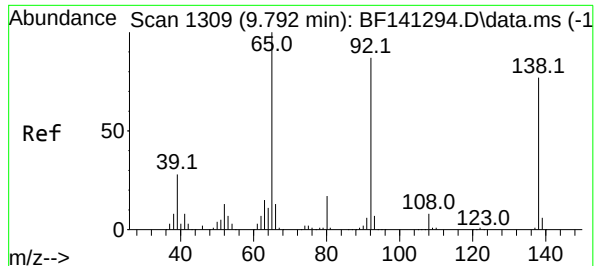
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 37.206 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

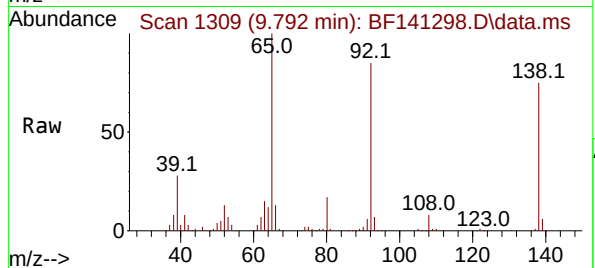
Tgt Ion:154 Resp: 632756
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.6 40.2 60.4





#53
3-Nitroaniline
Concen: 38.150 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

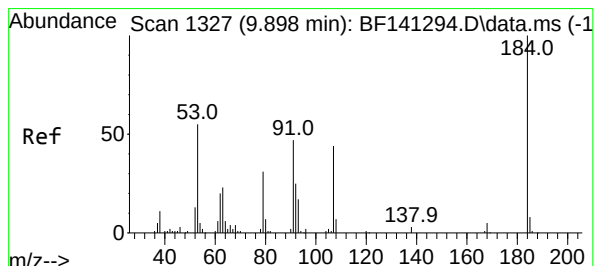
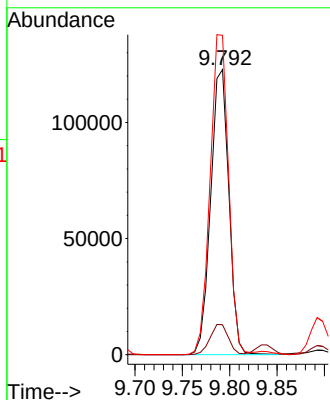
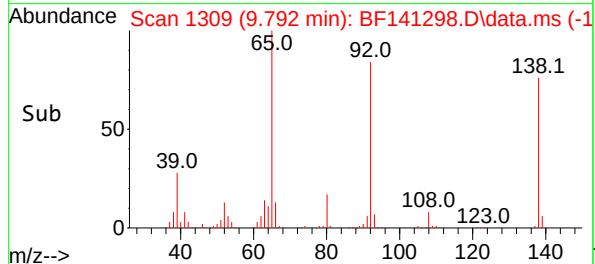
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:138 Resp: 16404
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 112.1 91.0 136.6

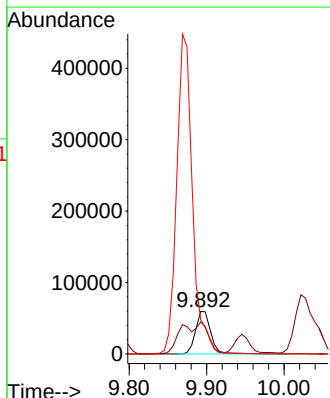
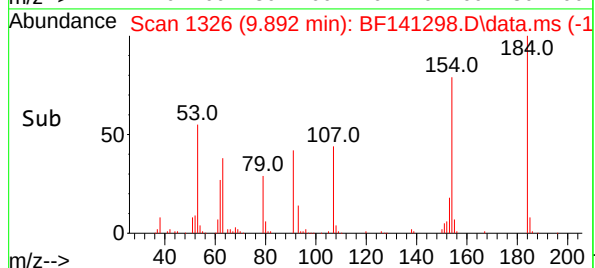
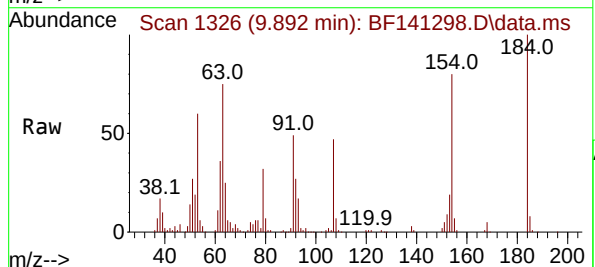
Manual Integrations
APPROVED

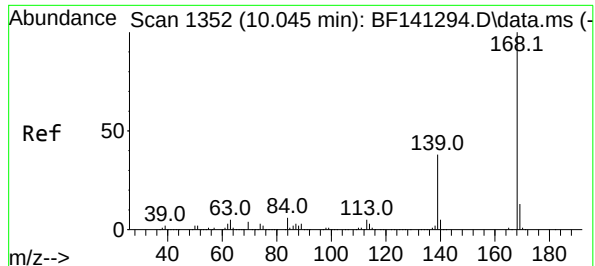
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 39.734 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

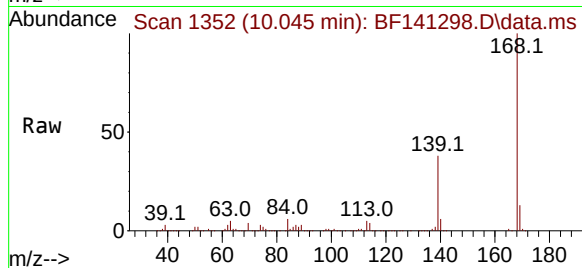
Tgt Ion:184 Resp: 81034
Ion Ratio Lower Upper
184 100
63 75.3 54.1 81.1
154 79.6 50.7 76.1#





#55
Dibenzofuran
Concen: 37.012 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

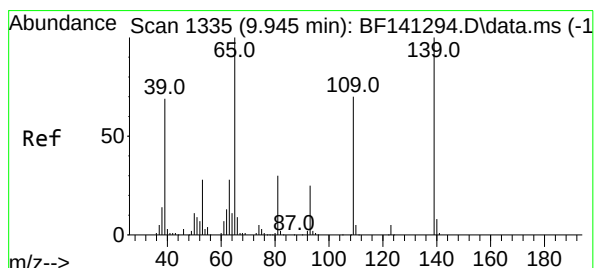
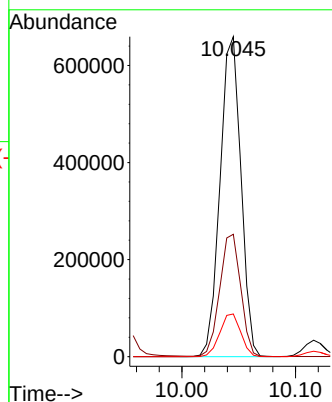
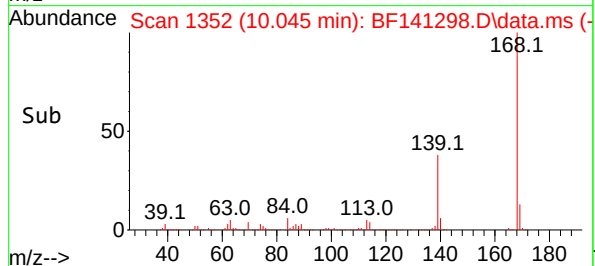
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



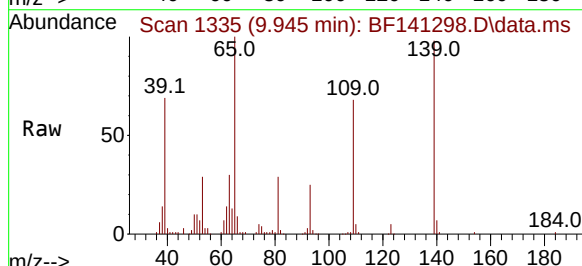
Tgt Ion:168 Resp: 84255
Ion Ratio Lower Upper
168 100
139 38.2 30.6 46.0
169 13.4 10.8 16.2

Manual Integrations
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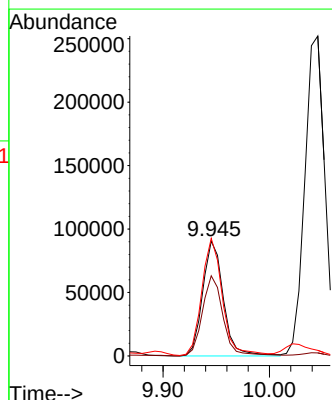
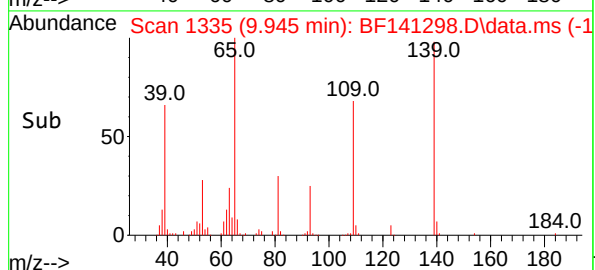
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

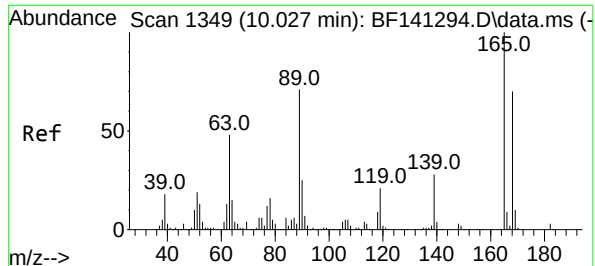


#56
4-Nitrophenol
Concen: 39.089 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



Tgt Ion:139 Resp: 122925
Ion Ratio Lower Upper
139 100
109 69.7 50.2 90.2
65 102.4 80.6 120.6





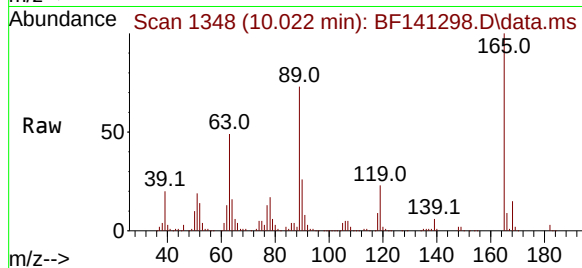
#57
2,4-Dinitrotoluene
Concen: 38.327 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

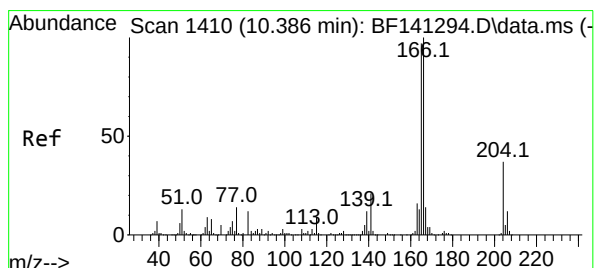
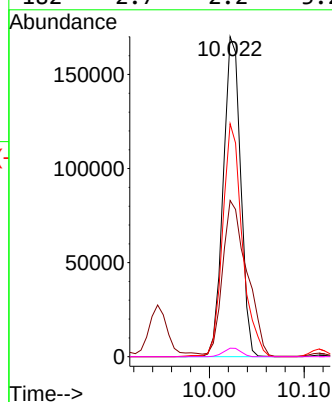
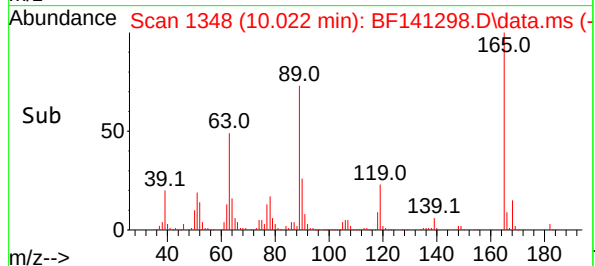


Tgt Ion:165 Resp: 21770
Ion Ratio Lower Upper
165 100
63 48.8 39.2 58.8
89 72.8 56.9 85.3
182 2.7 2.2 3.2

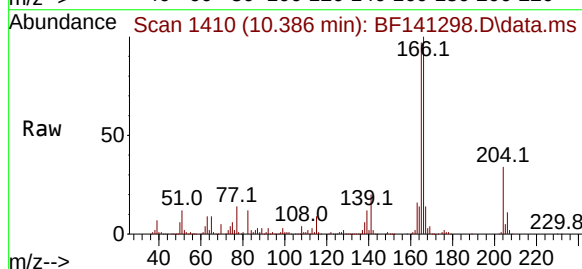
Manual Integrations

APPROVED

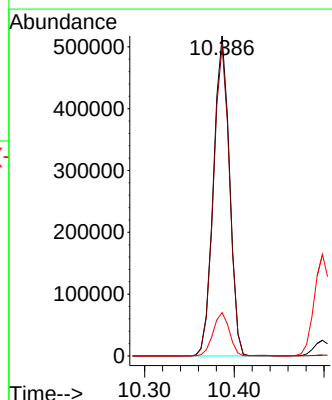
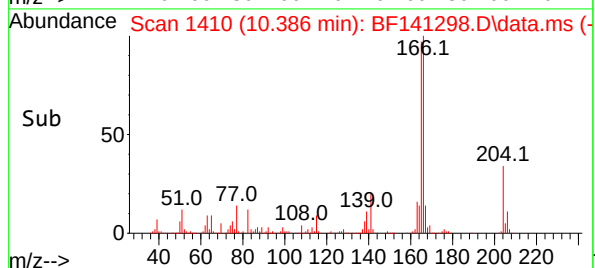
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

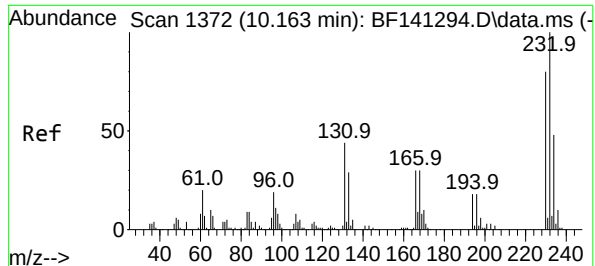


#58
Fluorene
Concen: 36.451 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



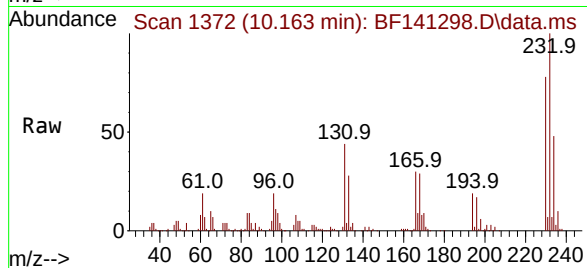
Tgt Ion:166 Resp: 643639
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.902 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

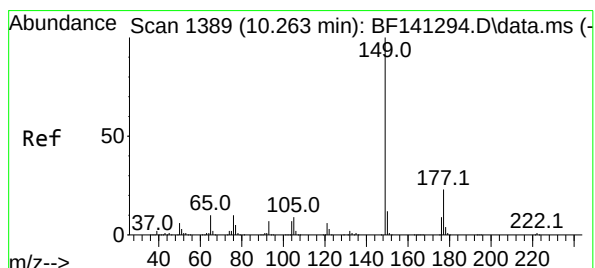
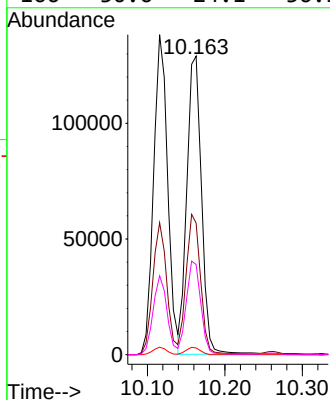
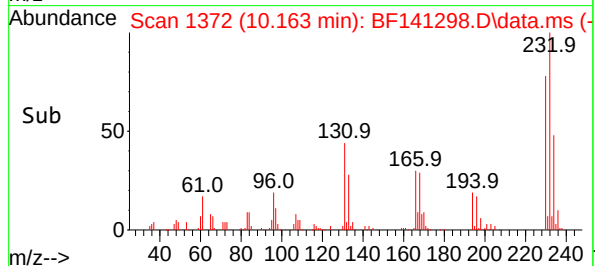
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:232 Resp: 169061
Ion Ratio Lower Upper
232 100
131 46.5 36.4 54.6
130 2.4 1.9 2.9
166 30.6 24.1 36.1

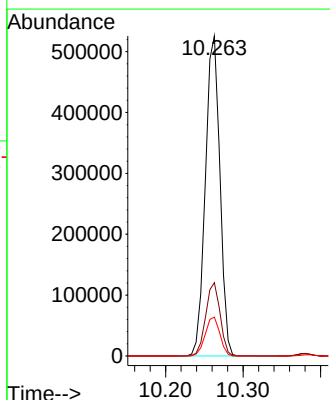
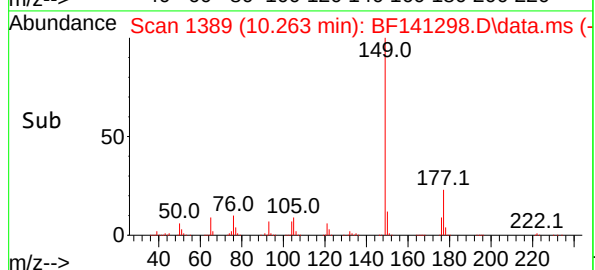
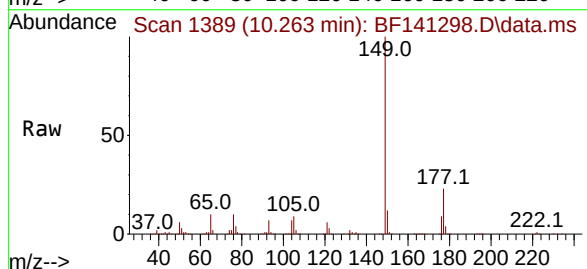
Manual Integrations
APPROVED

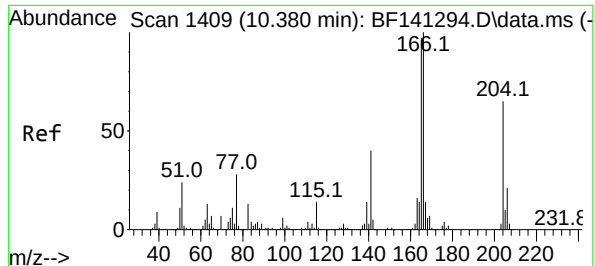
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 37.316 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

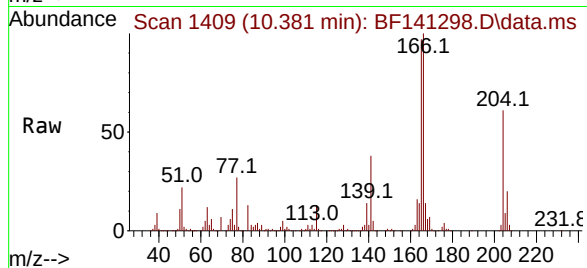
Tgt Ion:149 Resp: 683674
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.180 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

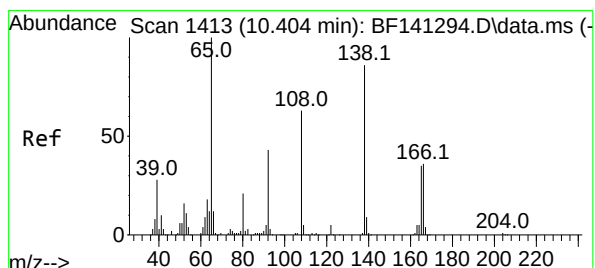
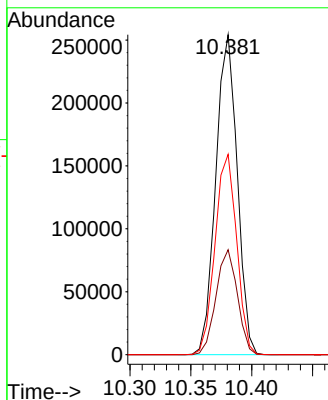
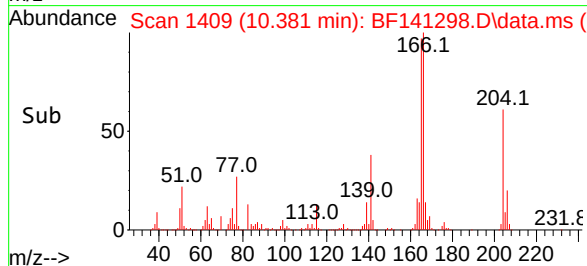
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



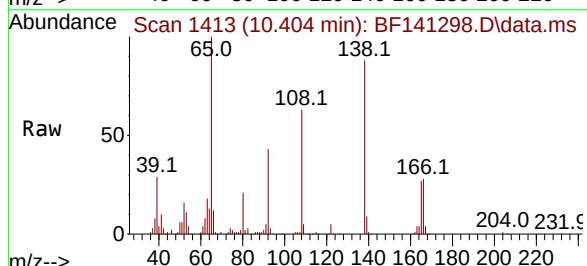
Tgt Ion:204 Resp: 31206
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.6 49.5 74.3

Manual Integrations
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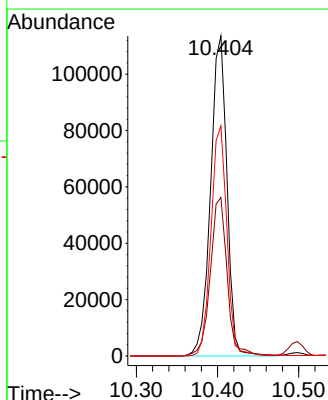
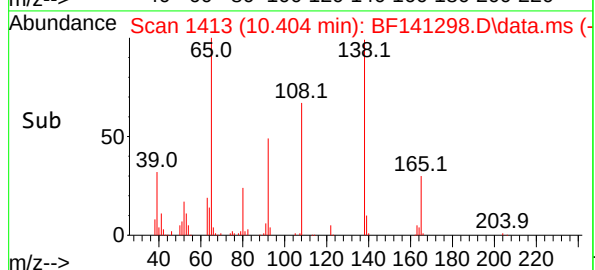
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

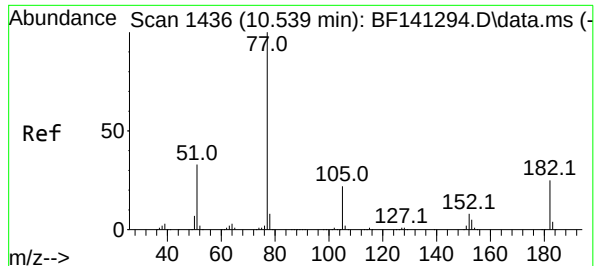


#62
4-Nitroaniline
Concen: 37.665 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



Tgt Ion:138 Resp: 159227
Ion Ratio Lower Upper
138 100
92 49.5 30.1 70.1
108 71.9 53.1 93.1





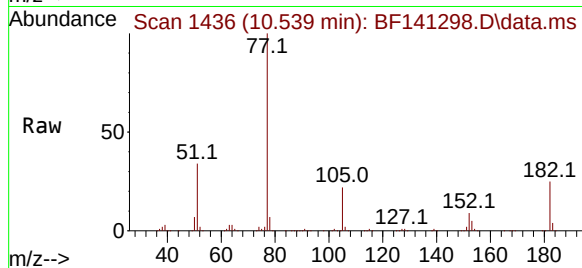
#63
Azobenzene
Concen: 37.020 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

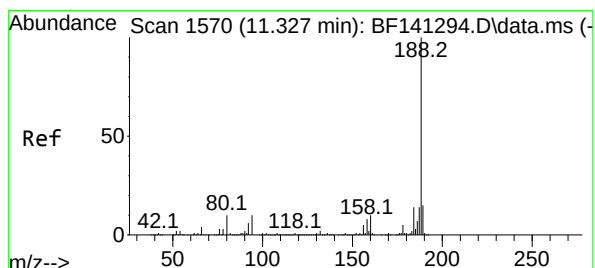
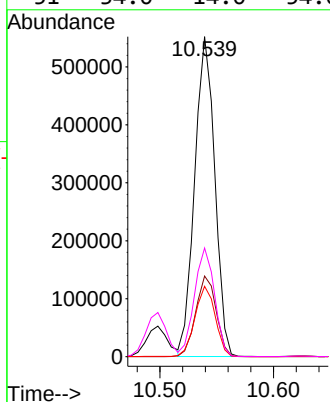
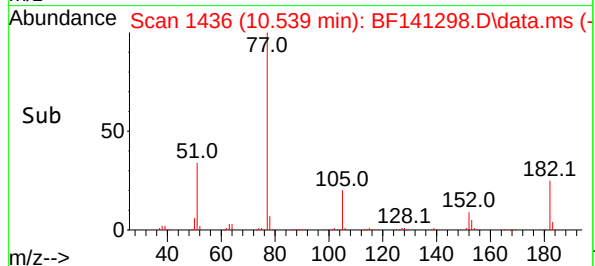


Tgt Ion: 77 Resp: 678905
Ion Ratio Lower Upper
77 100
182 25.2 5.1 45.1
105 22.0 1.8 41.8
51 34.0 14.0 54.0

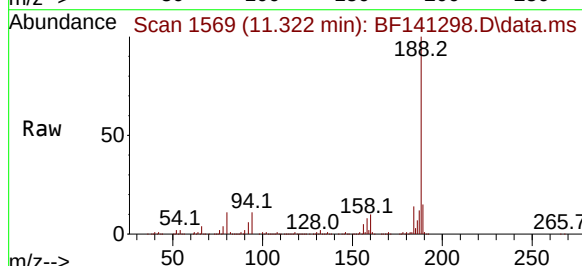
Manual Integrations

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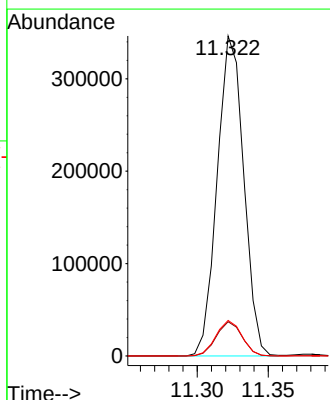
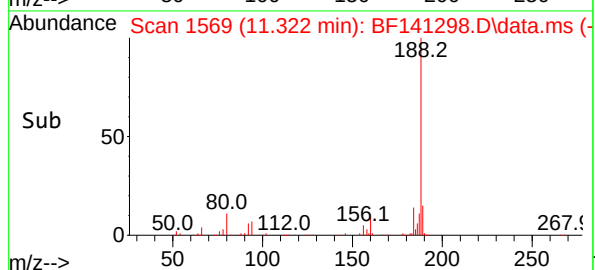
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

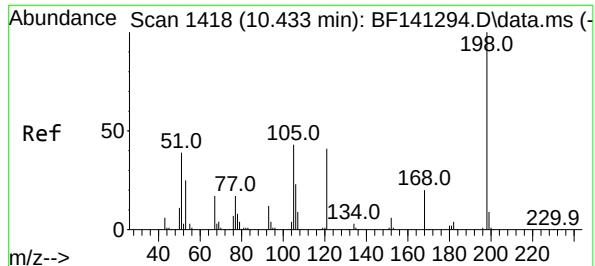


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



Tgt Ion:188 Resp: 450291
Ion Ratio Lower Upper
188 100
94 10.7 7.8 11.6
80 11.1 8.2 12.4





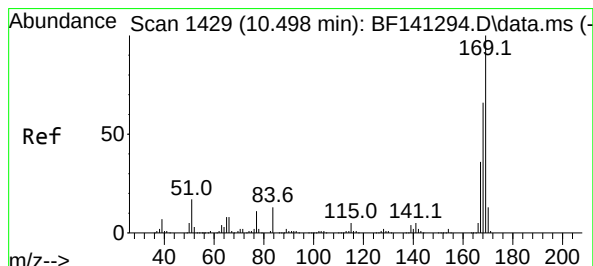
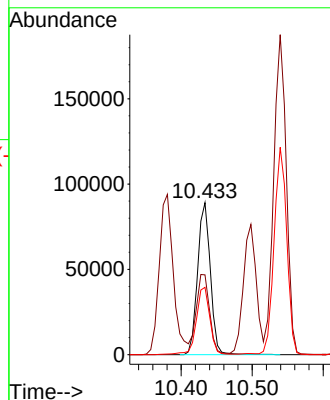
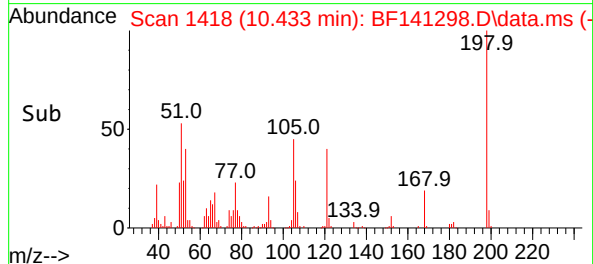
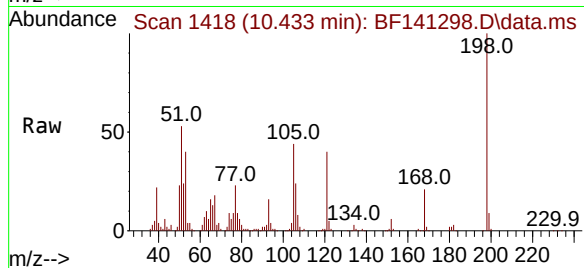
#65
4,6-Dinitro-2-methylphenol
Concen: 41.913 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:198 Resp: 111638
Ion Ratio Lower Upper
198 100
51 52.5 33.4 73.4
105 44.4 24.4 64.4

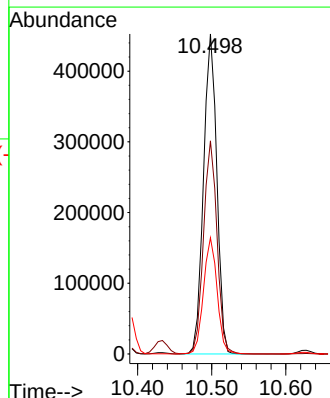
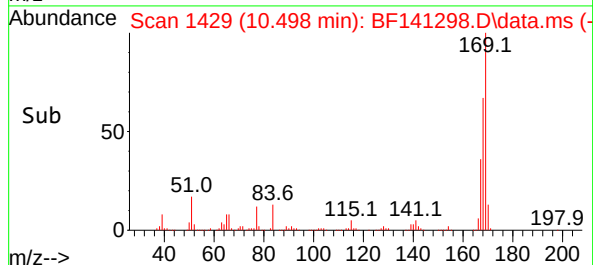
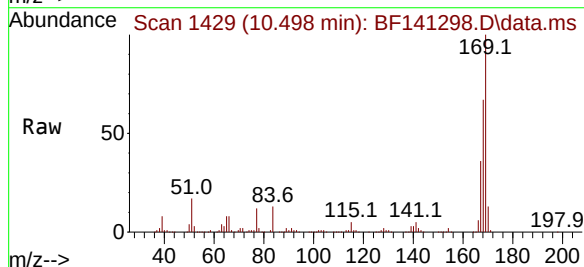
Manual Integrations
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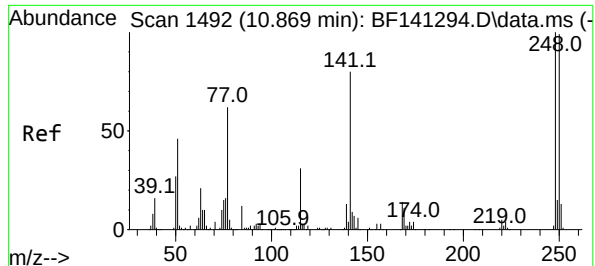
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 38.757 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

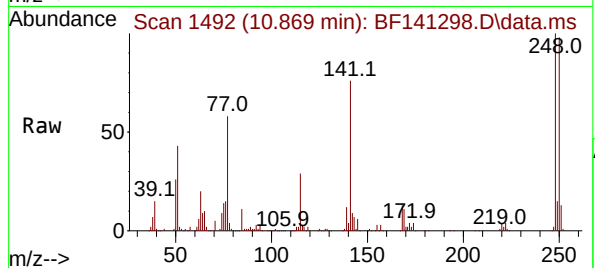
Tgt Ion:169 Resp: 564452
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 39.477 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

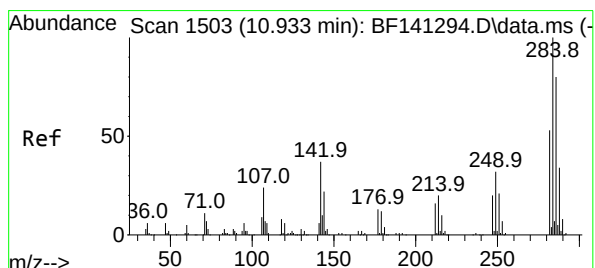
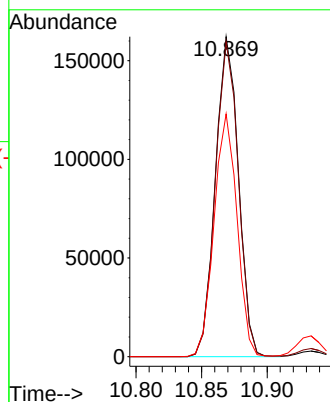
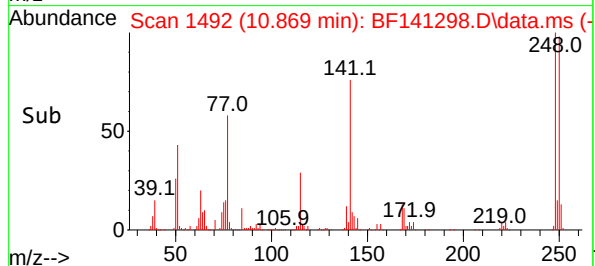
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



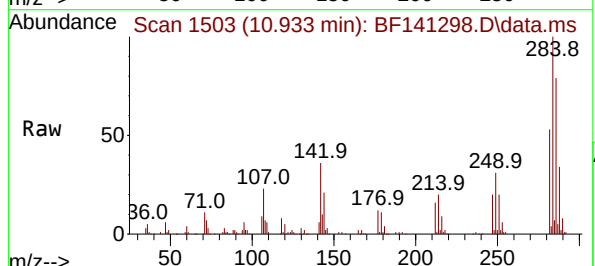
Tgt Ion:248 Resp: 199009
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.4
141 75.9 63.7 95.5

Manual Integrations
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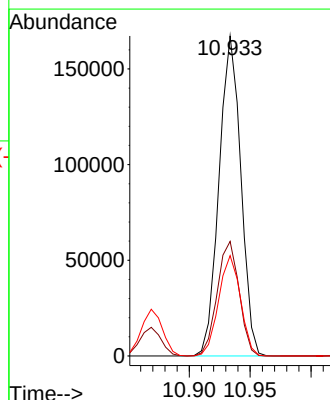
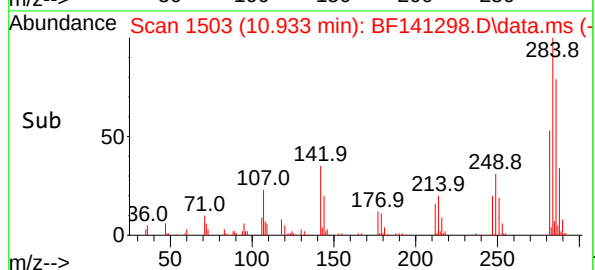
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

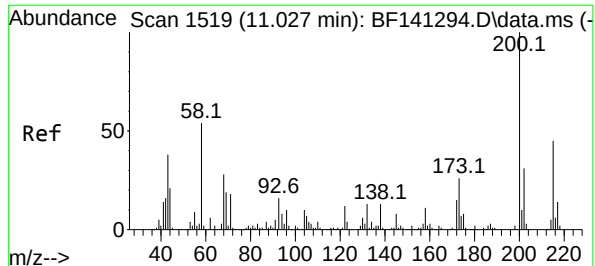


#68
Hexachlorobenzene
Concen: 38.929 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31



Tgt Ion:284 Resp: 208171
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 39.215 ng

RT: 11.028 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion:200 Resp: 190958

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

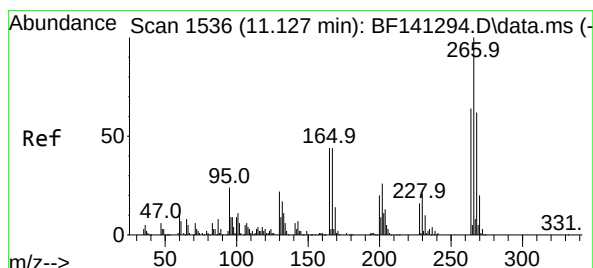
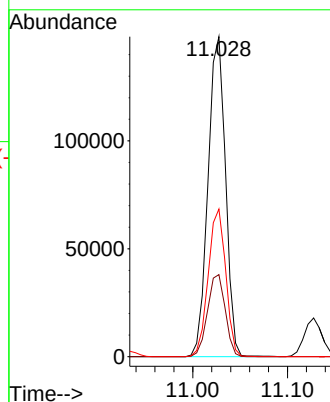
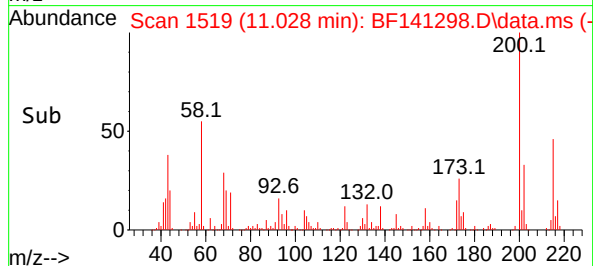
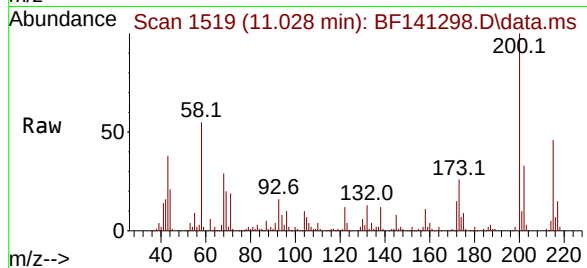
215 46.1 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 40.973 ng

RT: 11.128 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

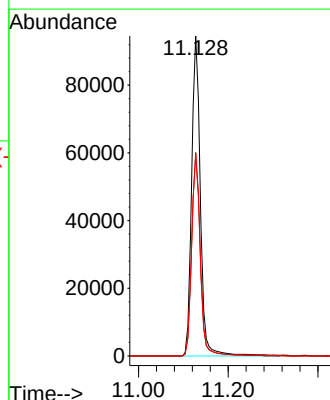
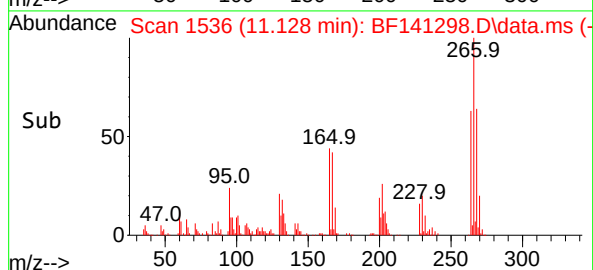
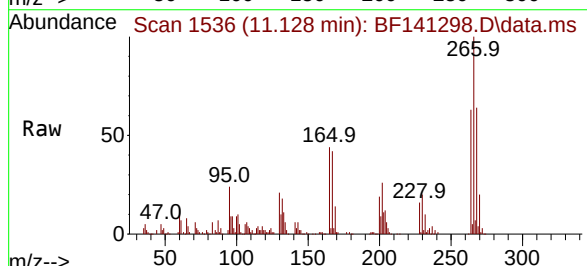
Tgt Ion:266 Resp: 128300

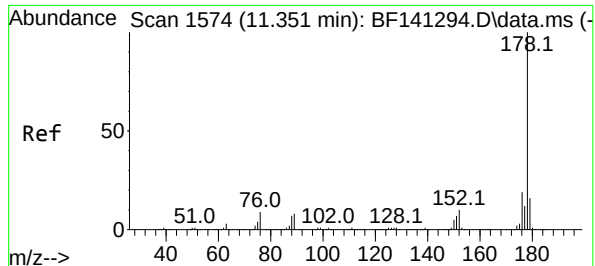
Ion Ratio Lower Upper

266 100

268 63.6 49.9 74.9

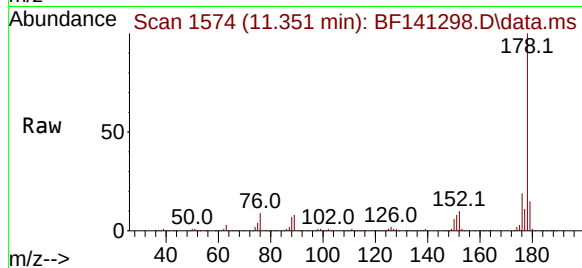
264 63.0 51.0 76.4





#71
Phenanthrene
Concen: 38.117 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

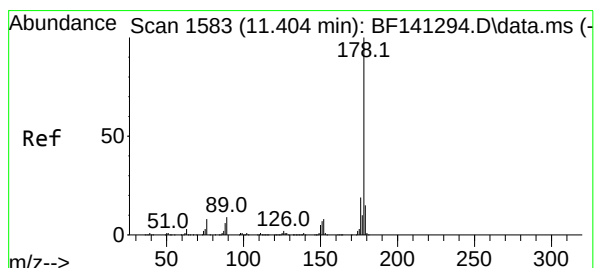
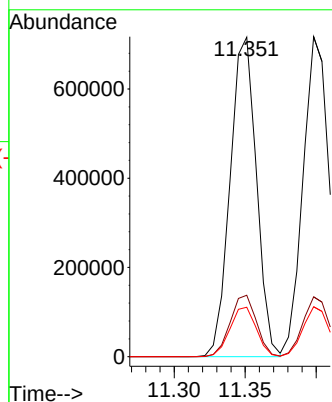
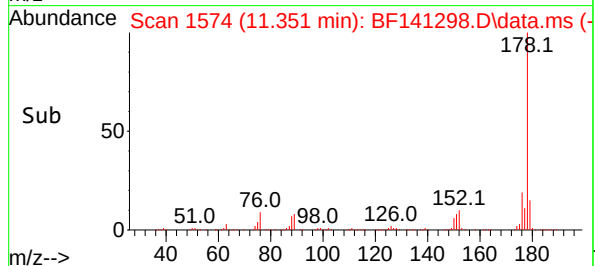
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:178 Resp: 922625
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7

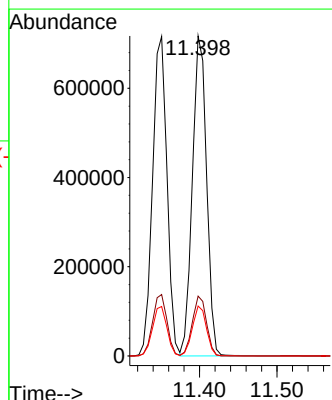
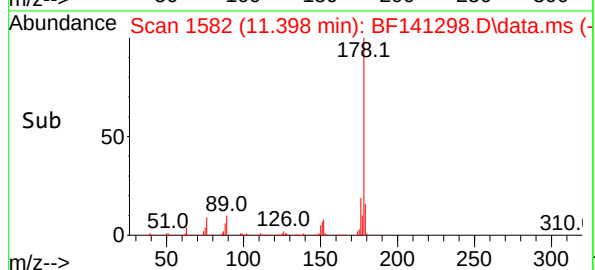
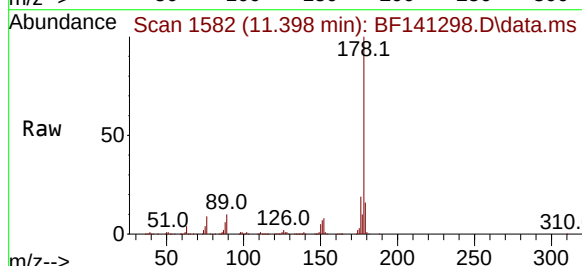
Manual Integrations
APPROVED

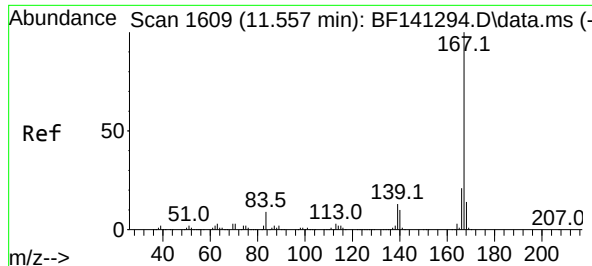
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 38.484 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

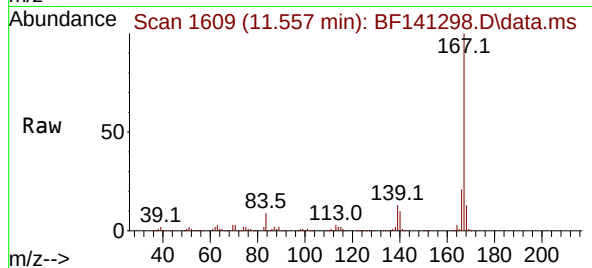
Tgt Ion:178 Resp: 912703
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5





#73
Carbazole
Concen: 38.661 ng
RT: 11.557 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

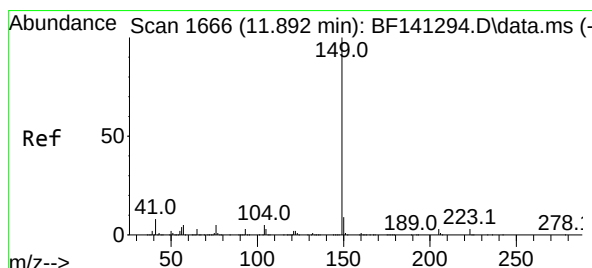
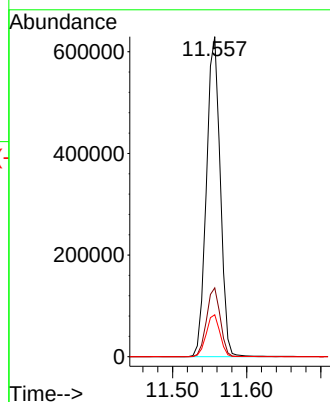
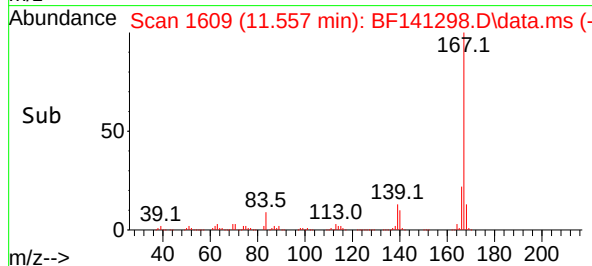
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:167 Resp: 813030
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.1 10.6 16.0

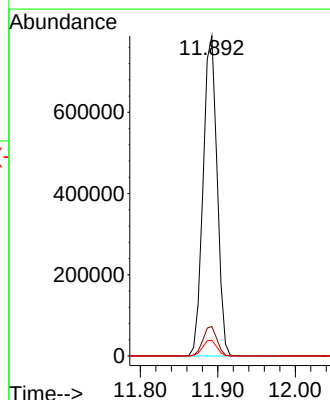
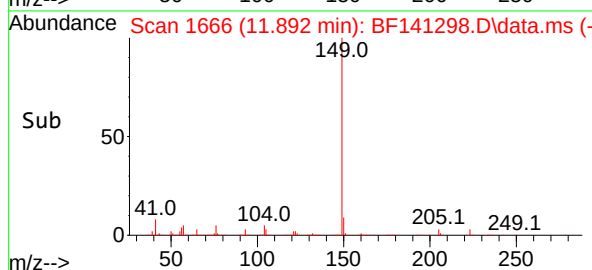
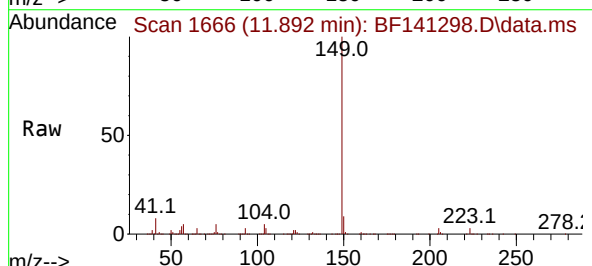
Manual Integrations
APPROVED

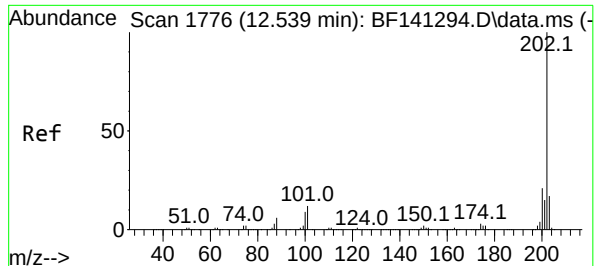
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#74
Di-n-butylphthalate
Concen: 38.639 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

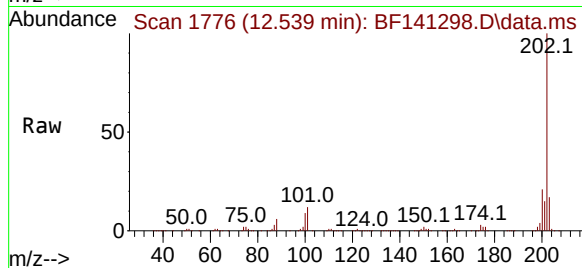
Tgt Ion:149 Resp: 984759
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 37.768 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

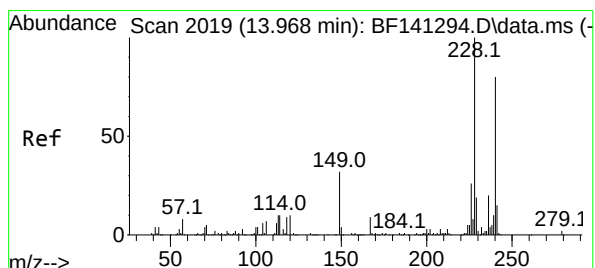
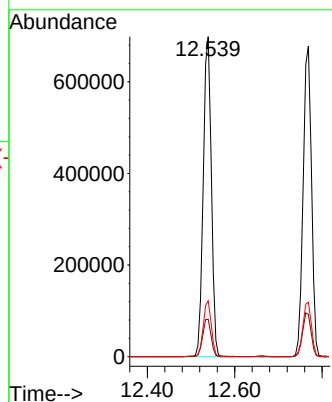
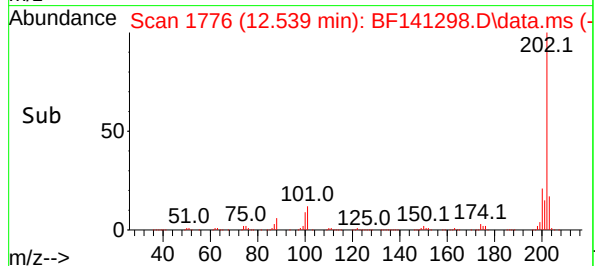
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:202 Resp: 90263
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.4 0.0 37.5

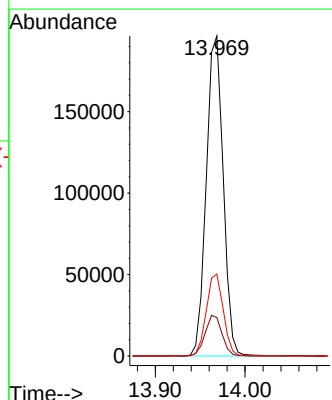
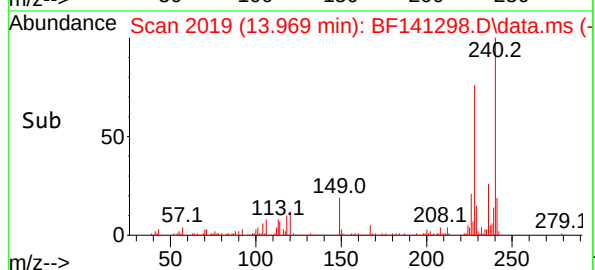
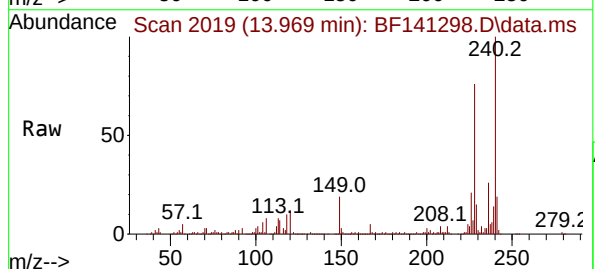
Manual Integrations
APPROVED

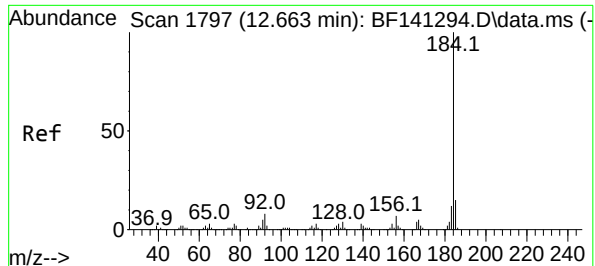
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

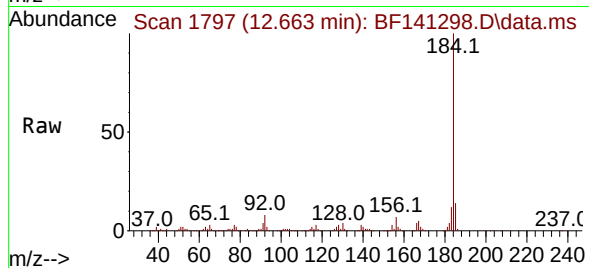
Tgt Ion:240 Resp: 257177
Ion Ratio Lower Upper
240 100
120 12.0 10.0 15.0
236 25.6 19.7 29.5





#77
Benzidine
Concen: 49.142 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

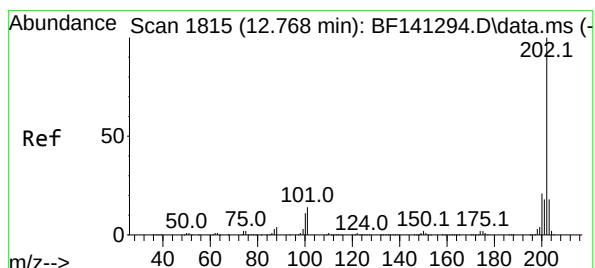
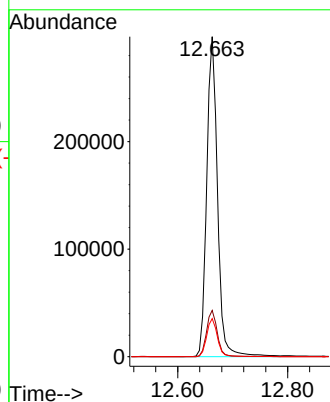
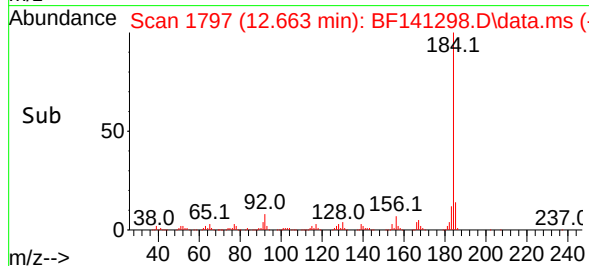
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:184 Resp: 40516
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.9 9.5 14.3

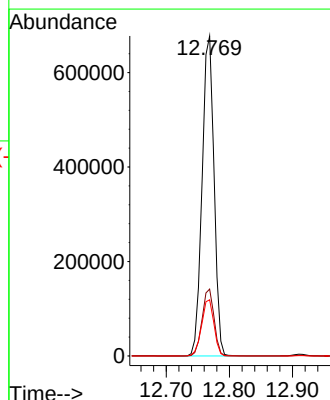
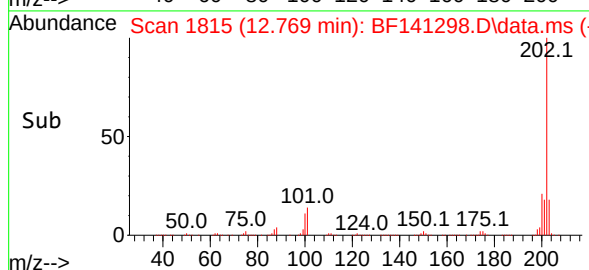
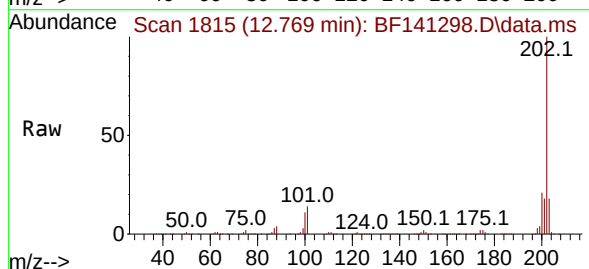
Manual Integrations
APPROVED

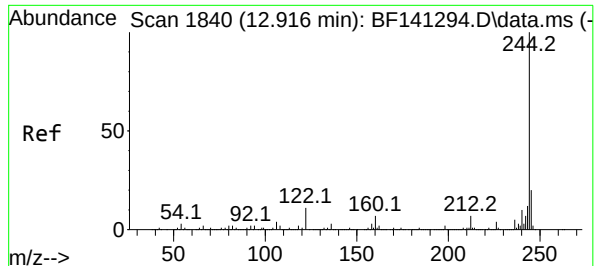
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#78
Pyrene
Concen: 36.225 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

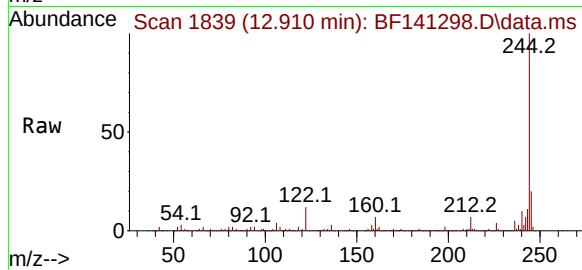
Tgt Ion:202 Resp: 894269
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.5 14.3 21.5





#79
Terphenyl-d14
Concen: 72.460 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

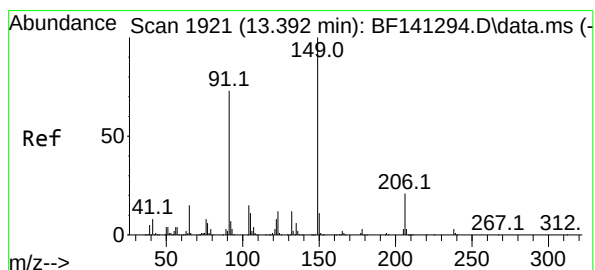
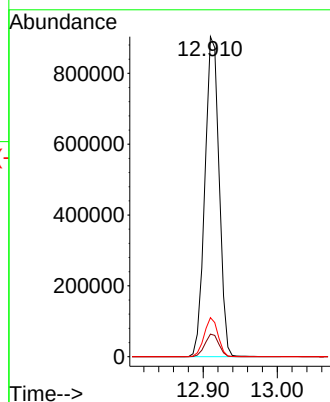
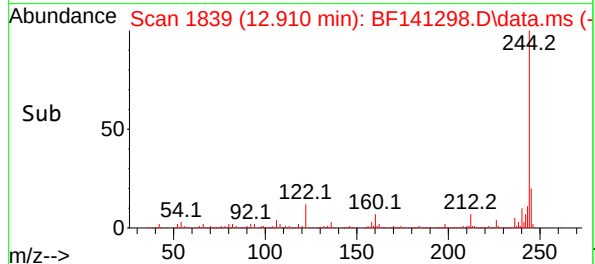
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:244 Resp: 1208358
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.2 8.8 13.2

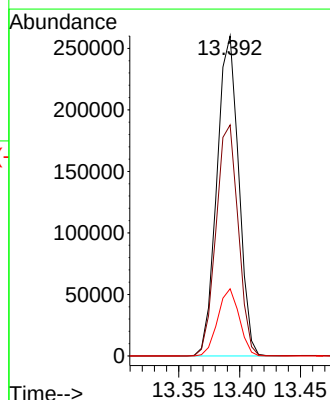
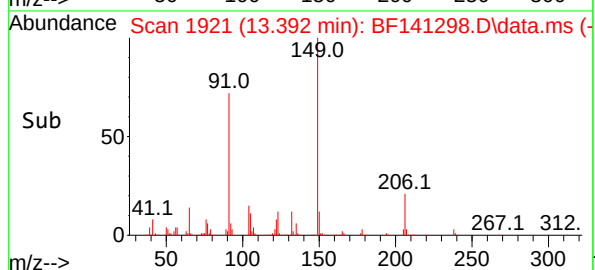
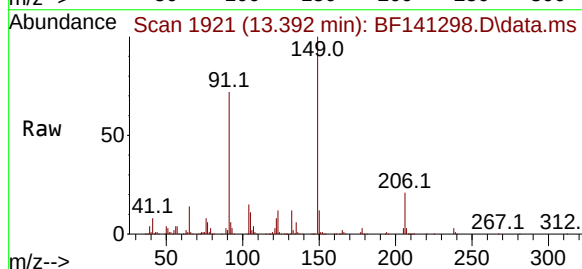
Manual Integrations
APPROVED

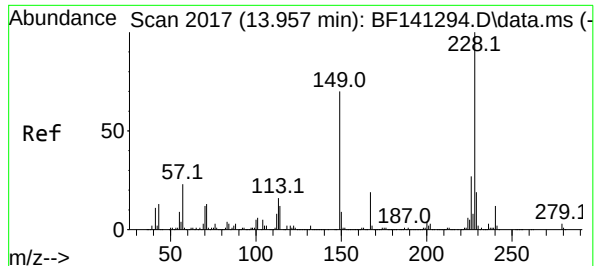
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#80
Butylbenzylphthalate
Concen: 37.660 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 324793
Ion Ratio Lower Upper
149 100
91 72.2 58.6 87.8
206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 35.587 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141298.D

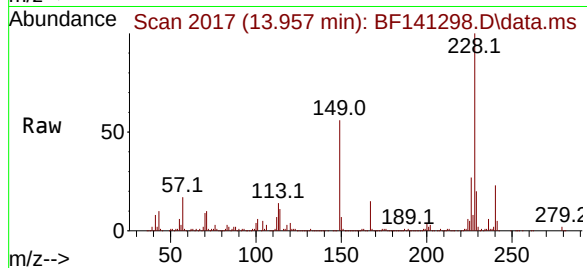
Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925



Tgt Ion:228 Resp: 631550

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

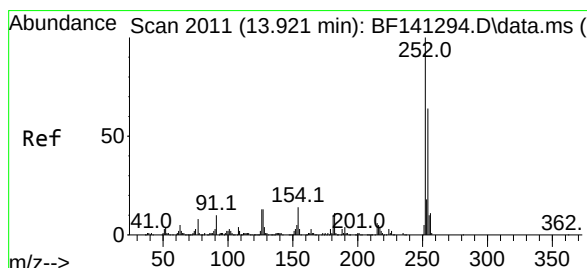
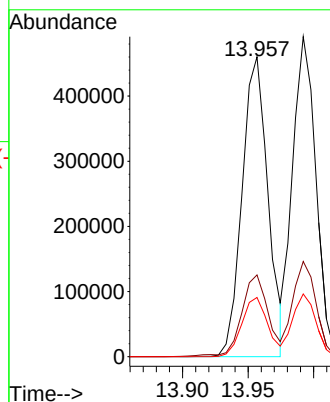
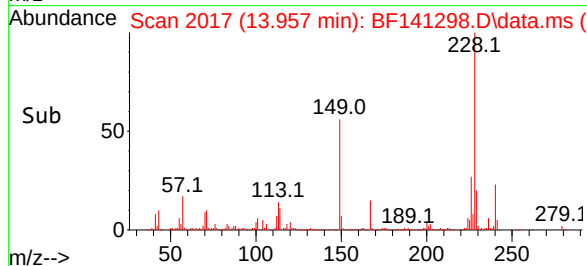
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 38.774 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

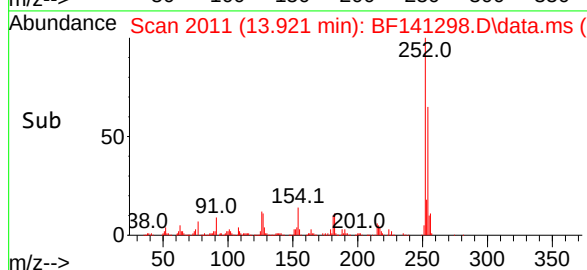
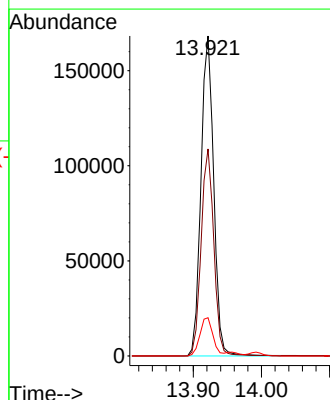
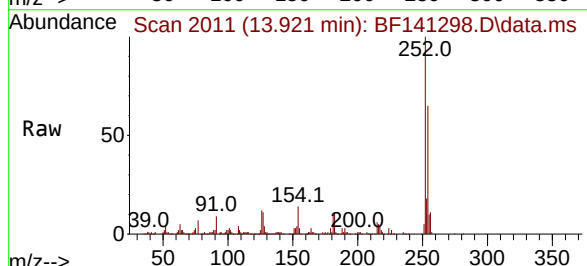
Tgt Ion:252 Resp: 218850

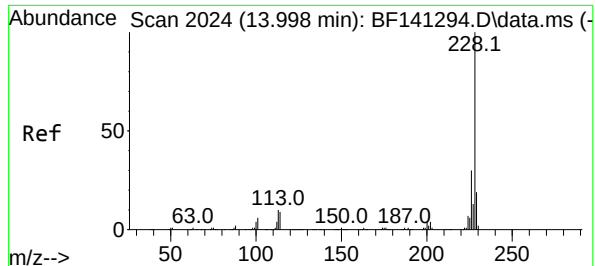
Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

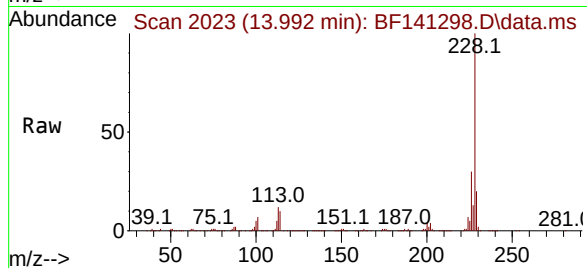
126 12.0 10.0 15.0





#83
Chrysene
Concen: 37.508 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

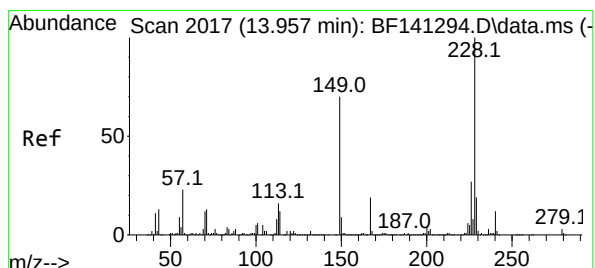
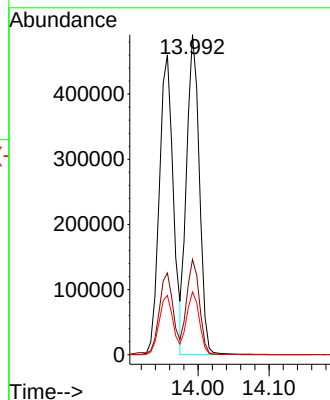
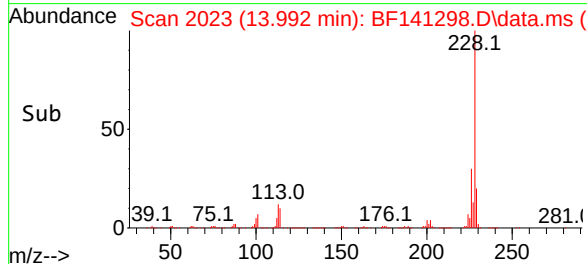
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:228 Resp: 610038
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.6 15.6 23.4

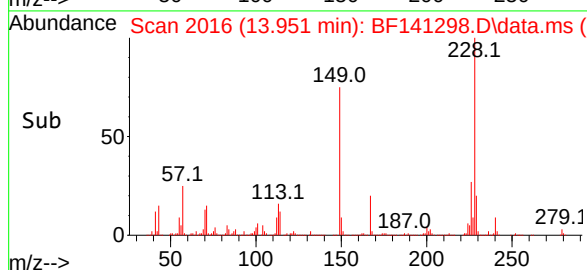
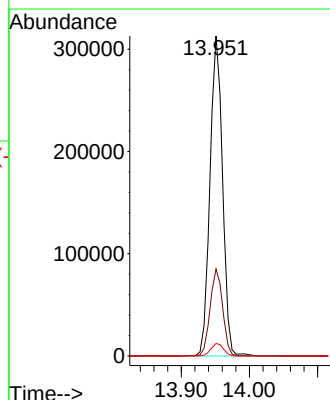
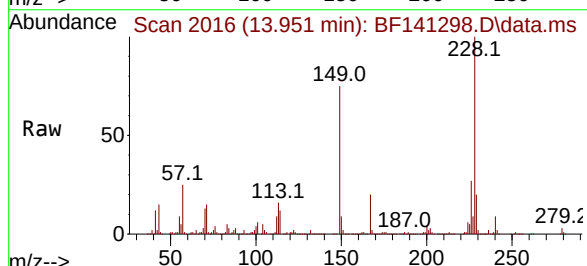
Manual Integrations
APPROVED

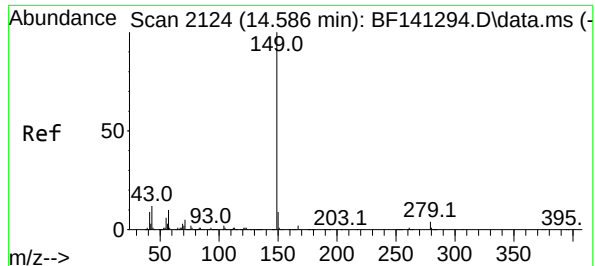
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.620 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

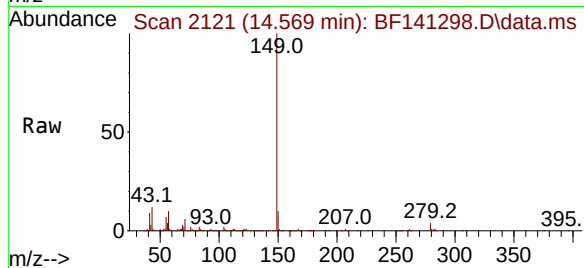
Tgt Ion:149 Resp: 400642
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 37.807 ng
RT: 14.569 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

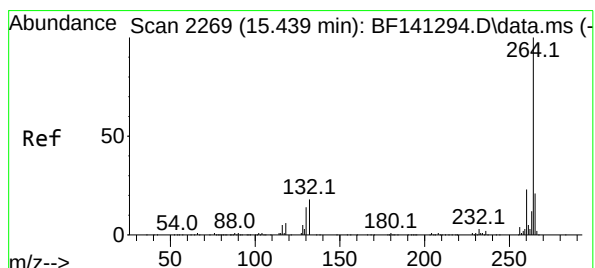
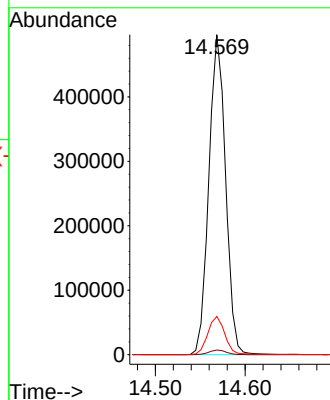
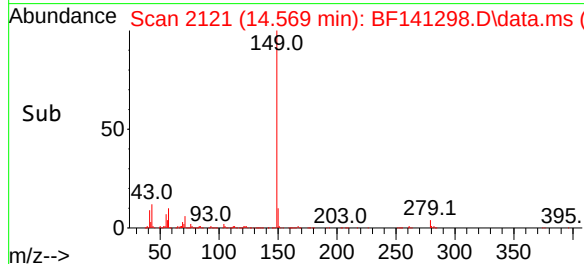
Instrument :
BNA_F
ClientSampleId :
ICVBF012925



Tgt Ion:149 Resp: 642439
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 9.8 14.8

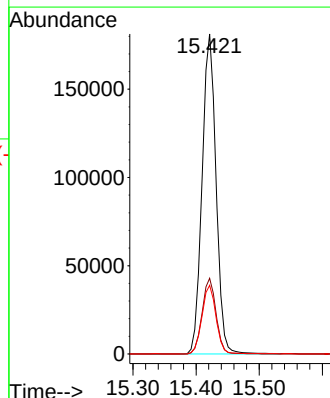
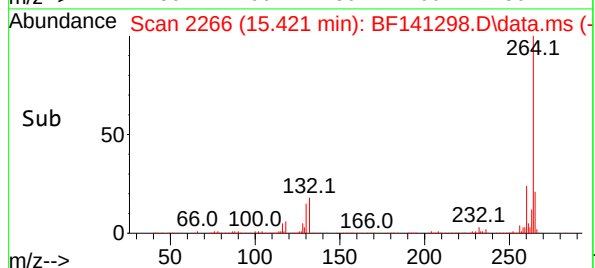
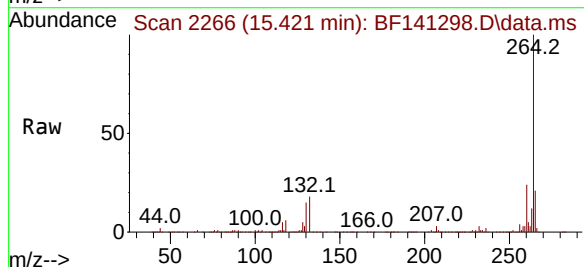
Manual Integrations
APPROVED

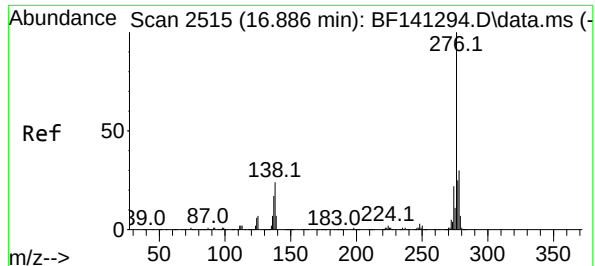
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:264 Resp: 279455
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.5 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.626 ng

RT: 16.868 min Scan# 2194

Delta R.T. -0.029 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925

Tgt Ion:276 Resp: 67865

Ion Ratio Lower Upper

276 100

138 27.3 21.7 32.5

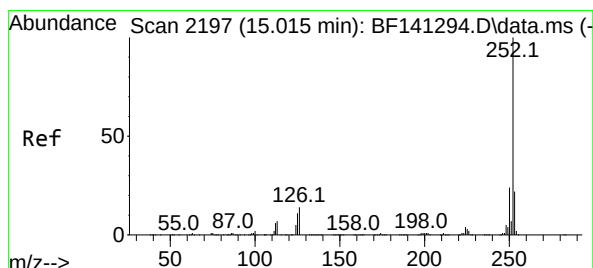
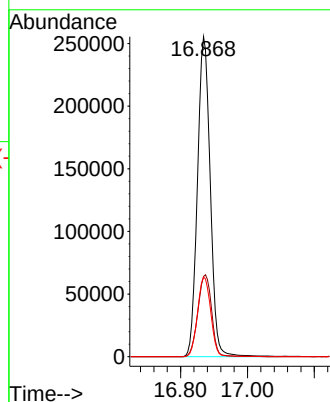
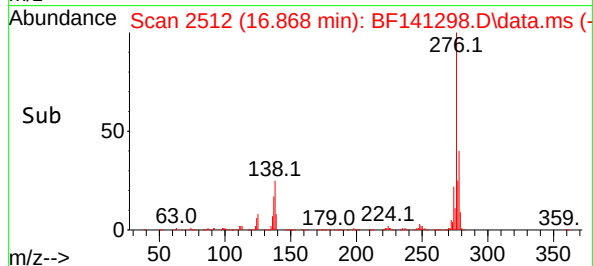
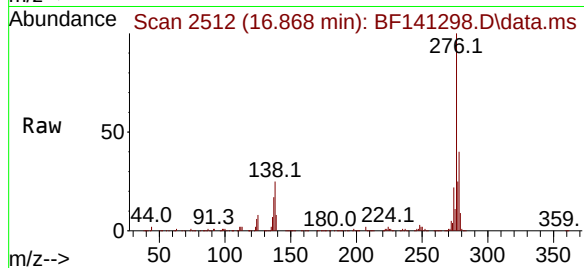
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#88

Benzo(b)fluoranthene

Concen: 38.861 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.024 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

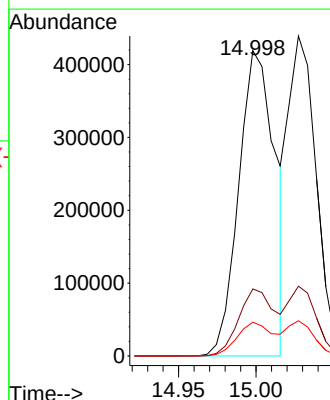
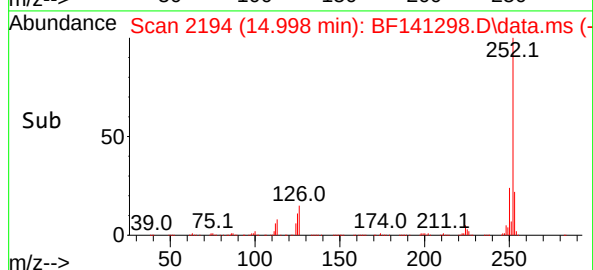
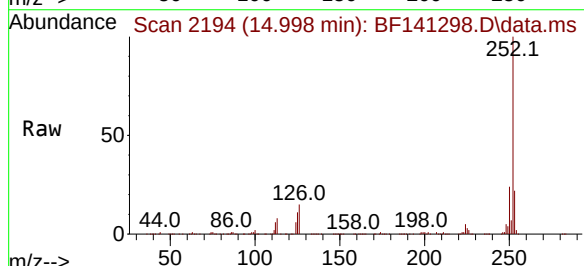
Tgt Ion:252 Resp: 683111

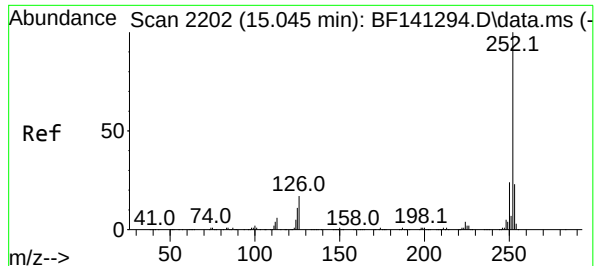
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.0 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 35.766 ng

RT: 15.027 min Scan# 2199

Delta R.T. -0.024 min

Lab File: BF141298.D

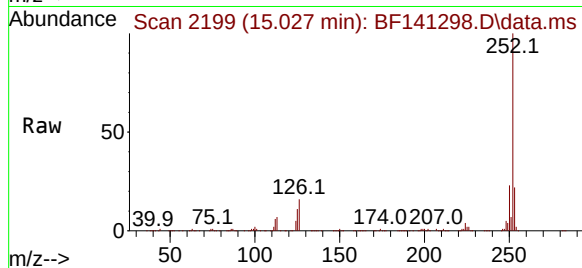
Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

ICVBF012925



Tgt Ion:252 Resp: 556960

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

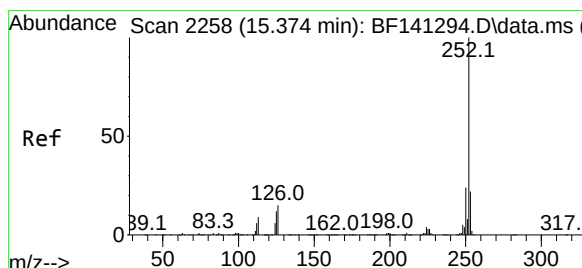
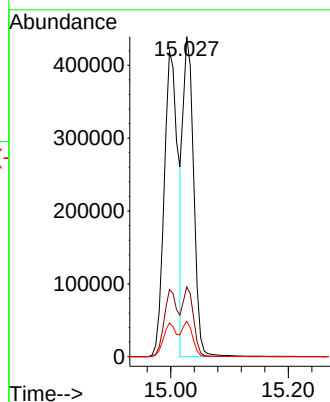
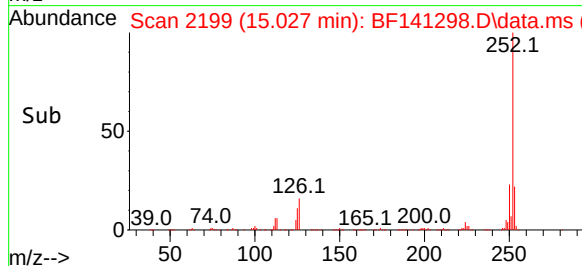
125 11.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 38.209 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

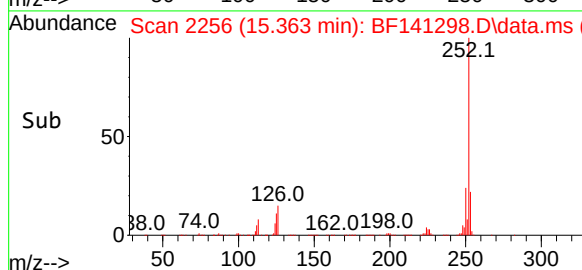
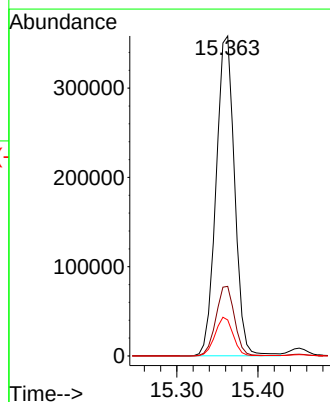
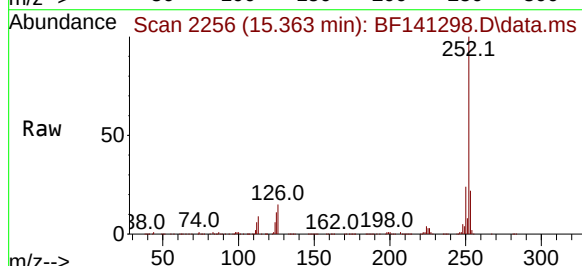
Tgt Ion:252 Resp: 567574

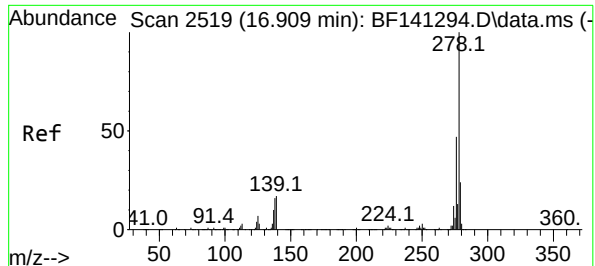
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 11.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 38.007 ng

RT: 16.886 min Scan# 2515

Delta R.T. -0.035 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Instrument :

BNA_F

ClientSampleId :

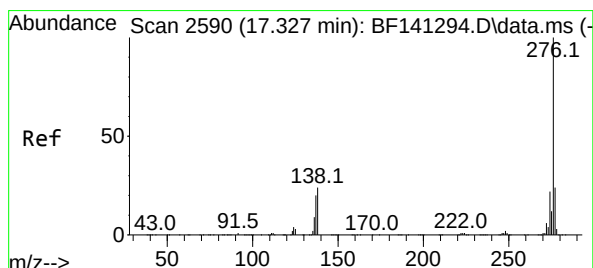
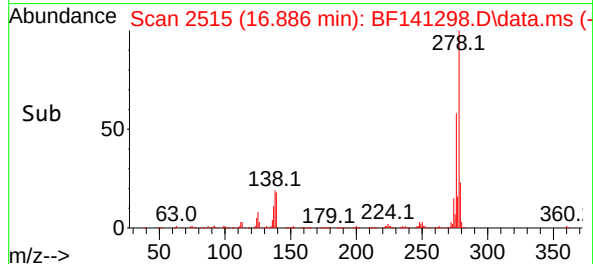
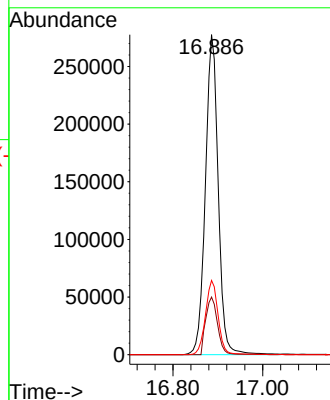
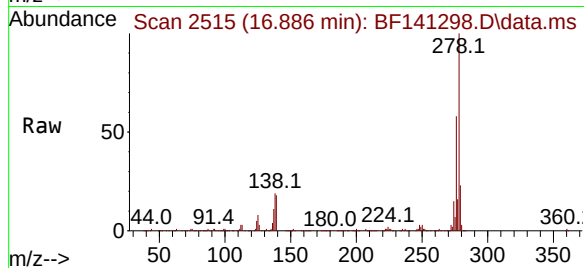
ICVBF012925

Tgt Ion:	278	Resp:	551534
Ion Ratio	Lower	Upper	
278	100		
139	18.0	13.9	20.9
279	23.2	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92

Benzo(g,h,i)perylene

Concen: 37.101 ng

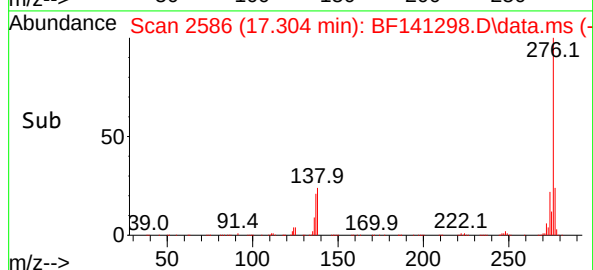
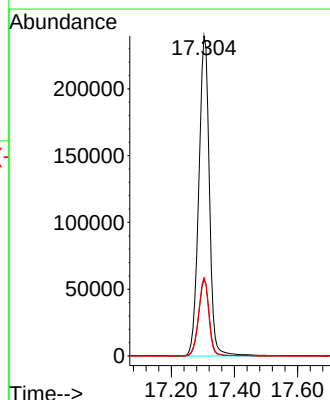
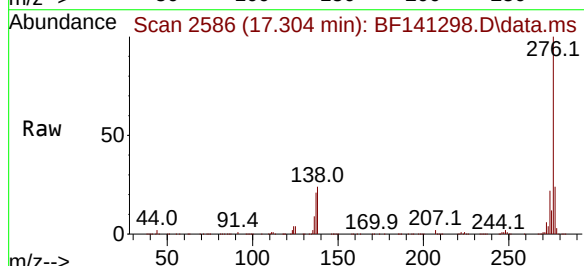
RT: 17.304 min Scan# 2586

Delta R.T. -0.041 min

Lab File: BF141298.D

Acq: 29 Jan 2025 17:31

Tgt Ion:	276	Resp:	559807
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	24.4	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
2	1,4-Dioxane	0.573	0.534	6.8	97	0.00
3	Pyridine	1.380	1.326	3.9	98	-0.01
4	n-Nitrosodimethylamine	0.789	0.749	5.1	97	-0.03
5 S	2-Fluorophenol	1.303	1.221	6.3	99	0.00
6	Aniline	1.403	1.383	1.4	99	0.00
7 S	Phenol-d6	1.657	1.546	6.7	99	-0.01
8	2-Chlorophenol	1.396	1.309	6.2	99	-0.01
9	Benzaldehyde	0.960	0.887	7.6	97	0.00
10 C	Phenol	1.757	1.664	5.3	99	-0.01
11	bis(2-Chloroethyl)ether	1.347	1.259	6.5	100	-0.01
12	1,3-Dichlorobenzene	1.540	1.435	6.8	98	0.00
13 C	1,4-Dichlorobenzene	1.547	1.465	5.3	100	0.00
14	1,2-Dichlorobenzene	1.448	1.348	6.9	98	0.00
15	Benzyl Alcohol	1.133	1.075	5.1	97	0.00
16	2,2'-oxybis(1-Chloropropane	2.342	2.204	5.9	98	0.00
17	2-Methylphenol	1.135	1.037	8.6	97	0.00
18	Hexachloroethane	0.571	0.543	4.9	100	0.00
19 P	n-Nitroso-di-n-propylamine	0.985	0.907	7.9	99	-0.02
20	3+4-Methylphenols	1.393	1.302	6.5	99	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22	Acetophenone	0.475	0.436	8.2	99	0.00
23 S	Nitrobenzene-d5	0.379	0.359	5.3	100	0.00
24	Nitrobenzene	0.393	0.373	5.1	99	-0.01
25	Isophorone	0.656	0.614	6.4	99	0.00
26 C	2-Nitrophenol	0.185	0.177	4.3	99	0.00
27	2,4-Dimethylphenol	0.236	0.225	4.7	99	0.00
28	bis(2-Chloroethoxy)methane	0.418	0.392	6.2	99	0.00
29 C	2,4-Dichlorophenol	0.289	0.272	5.9	99	0.00
30	1,2,4-Trichlorobenzene	0.330	0.301	8.8	98	0.00
31	Naphthalene	1.057	0.981	7.2	99	0.00
32	Benzoic acid	0.217	0.225	-3.7	101	-0.04
33	4-Chloroaniline	0.358	0.333	7.0	97	0.00
34 C	Hexachlorobutadiene	0.194	0.177	8.8	98	0.00
35	Caprolactam	0.094	0.089	5.3	99	-0.02
36 C	4-Chloro-3-methylphenol	0.310	0.290	6.5	100	0.00
37	2-Methylnaphthalene	0.672	0.619	7.9	98	0.00
38	1-Methylnaphthalene	0.660	0.620	6.1	101	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40	1,2,4,5-Tetrachlorobenzene	0.569	0.530	6.9	98	0.00
41 P	Hexachlorocyclopentadiene	0.168	0.168	0.0	97	0.00
42 S	2,4,6-Tribromophenol	0.183	0.172	6.0	99	0.00
43 C	2,4,6-Trichlorophenol	0.372	0.360	3.2	98	0.00
44	2,4,5-Trichlorophenol	0.405	0.375	7.4	98	0.00
45 S	2-Fluorobiphenyl	1.299	1.185	8.8	99	0.00
46	1,1'-Biphenyl	1.560	1.447	7.2	98	0.00
47	2-Chloronaphthalene	1.216	1.120	7.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.382	0.363	5.0	99	0.00
49	Acenaphthylene	1.702	1.592	6.5	99	0.00
50	Dimethylphthalate	1.351	1.246	7.8	99	0.00
51	2,6-Dinitrotoluene	0.314	0.294	6.4	98	0.00
52 C	Acenaphthene	1.216	1.131	7.0	99	0.00
53	3-Nitroaniline	0.307	0.293	4.6	96	0.00
54 P	2,4-Dinitrophenol	0.146	0.145	0.7	97	-0.01
55	Dibenzofuran	1.627	1.506	7.4	98	0.00
56 P	4-Nitrophenol	0.225	0.220	2.2	97	-0.01
57	2,4-Dinitrotoluene	0.406	0.389	4.2	100	-0.01
58	Fluorene	1.262	1.150	8.9	97	0.00
59	2,3,4,6-Tetrachlorophenol	0.319	0.302	5.3	98	0.00
60	Diethylphthalate	1.310	1.222	6.7	99	0.00
61	4-Chlorophenyl-phenylether	0.617	0.558	9.6	97	0.00
62	4-Nitroaniline	0.302	0.285	5.6	97	-0.01
63	Azobenzene	1.311	1.213	7.5	98	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.118	0.124	-5.1	97	0.00
66 c	n-Nitrosodiphenylamine	0.647	0.627	3.1	98	0.00
67	4-Bromophenyl-phenylether	0.224	0.221	1.3	100	0.00
68	Hexachlorobenzene	0.238	0.231	2.9	99	0.00
69	Atrazine	0.216	0.212	1.9	98	0.00
70 C	Pentachlorophenol	0.139	0.142	-2.2	98	0.00
71	Phenanthrene	1.075	1.024	4.7	98	0.00
72	Anthracene	1.053	1.013	3.8	99	0.00
73	Carbazole	0.934	0.903	3.3	99	0.00
74	Di-n-butylphthalate	1.132	1.093	3.4	99	0.00
75 C	Fluoranthene	1.062	1.002	5.6	97	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	99	0.00
77	Benzidine	0.641	0.788	-22.9	106	0.00
78	Pyrene	1.920	1.739	9.4	98	0.00
79 S	Terphenyl-d14	1.297	1.175	9.4	98	0.00
80	Butylbenzylphthalate	0.671	0.631	6.0	100	0.00
81	Benzo(a)anthracene	1.380	1.228	11.0	95	0.00
82	3,3'-Dichlorobenzidine	0.439	0.425	3.2	100	0.00
83	Chrysene	1.265	1.186	6.2	103	0.00
84	Bis(2-ethylhexyl)phthalate	0.851	0.779	8.5	98	0.00
85 c	Di-n-octyl phthalate	1.321	1.249	5.5	100	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	100	-0.02
87	Indeno(1,2,3-cd)pyrene	1.291	1.214	6.0	97	-0.03
88	Benzo(b)fluoranthene	1.258	1.222	2.9	109	-0.02
89	Benzo(k)fluoranthene	1.114	0.997	10.5	92	-0.02
90 C	Benzo(a)pyrene	1.063	1.016	4.4	100	-0.02
91	Dibenzo(a,h)anthracene	1.039	0.987	5.0	97	-0.04
92	Benzo(g,h,i)perylene	1.080	1.002	7.2	96	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
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Instrument :
 BNA_F
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Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	98	0.00
2	1,4-Dioxane	40.000	37.296	6.8	97	0.00
3	Pyridine	40.000	38.413	4.0	98	-0.01
4	n-Nitrosodimethylamine	40.000	37.977	5.1	97	-0.03
5 S	2-Fluorophenol	80.000	74.963	6.3	99	0.00
6	Aniline	40.000	39.437	1.4	99	0.00
7 S	Phenol-d6	80.000	74.641	6.7	99	-0.01
8	2-Chlorophenol	40.000	37.505	6.2	99	-0.01
9	Benzaldehyde	40.000	36.965	7.6	97	0.00
10 C	Phenol	40.000	37.888	5.3	99	-0.01
11	bis(2-Chloroethyl)ether	40.000	37.387	6.5	100	-0.01
12	1,3-Dichlorobenzene	40.000	37.288	6.8	98	0.00
13 C	1,4-Dichlorobenzene	40.000	37.885	5.3	100	0.00
14	1,2-Dichlorobenzene	40.000	37.241	6.9	98	0.00
15	Benzyl Alcohol	40.000	37.952	5.1	97	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.636	5.9	98	0.00
17	2-Methylphenol	40.000	36.544	8.6	97	0.00
18	Hexachloroethane	40.000	38.094	4.8	100	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.848	7.9	99	-0.02
20	3+4-Methylphenols	40.000	37.364	6.6	99	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22	Acetophenone	40.000	36.717	8.2	99	0.00
23 S	Nitrobenzene-d5	80.000	75.630	5.5	100	0.00
24	Nitrobenzene	40.000	37.927	5.2	99	-0.01
25	Isophorone	40.000	37.439	6.4	99	0.00
26 C	2-Nitrophenol	40.000	38.289	4.3	99	0.00
27	2,4-Dimethylphenol	40.000	38.055	4.9	99	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.460	6.3	99	0.00
29 C	2,4-Dichlorophenol	40.000	37.675	5.8	99	0.00
30	1,2,4-Trichlorobenzene	40.000	36.488	8.8	98	0.00
31	Naphthalene	40.000	37.128	7.2	99	0.00
32	Benzoic acid	40.000	41.534	-3.8	101	-0.04
33	4-Chloroaniline	40.000	37.214	7.0	97	0.00
34 C	Hexachlorobutadiene	40.000	36.676	8.3	98	0.00
35	Caprolactam	40.000	37.662	5.8	99	-0.02
36 C	4-Chloro-3-methylphenol	40.000	37.480	6.3	100	0.00
37	2-Methylnaphthalene	40.000	36.898	7.8	98	0.00
38	1-Methylnaphthalene	40.000	37.570	6.1	101	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.226	6.9	98	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.961	0.1	97	0.00
42 S	2,4,6-Tribromophenol	80.000	75.161	6.0	99	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.625	3.4	98	0.00
44	2,4,5-Trichlorophenol	40.000	36.969	7.6	98	0.00
45 S	2-Fluorobiphenyl	80.000	72.938	8.8	99	0.00
46	1,1'-Biphenyl	40.000	37.111	7.2	98	0.00
47	2-Chloronaphthalene	40.000	36.837	7.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141298.D
 Acq On : 29 Jan 2025 17:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012925

Quant Time: Jan 30 03:16:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	37.970	5.1	99	0.00
49	Acenaphthylene	40.000	37.416	6.5	99	0.00
50	Dimethylphthalate	40.000	36.904	7.7	99	0.00
51	2,6-Dinitrotoluene	40.000	37.459	6.4	98	0.00
52 C	Acenaphthene	40.000	37.206	7.0	99	0.00
53	3-Nitroaniline	40.000	38.150	4.6	96	0.00
54 P	2,4-Dinitrophenol	40.000	39.734	0.7	97	-0.01
55	Dibenzofuran	40.000	37.012	7.5	98	0.00
56 P	4-Nitrophenol	40.000	39.089	2.3	97	-0.01
57	2,4-Dinitrotoluene	40.000	38.327	4.2	100	-0.01
58	Fluorene	40.000	36.451	8.9	97	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.902	5.2	98	0.00
60	Diethylphthalate	40.000	37.316	6.7	99	0.00
61	4-Chlorophenyl-phenylether	40.000	36.180	9.6	97	0.00
62	4-Nitroaniline	40.000	37.665	5.8	97	-0.01
63	Azobenzene	40.000	37.020	7.4	98	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.913	-4.8	97	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.757	3.1	98	0.00
67	4-Bromophenyl-phenylether	40.000	39.477	1.3	100	0.00
68	Hexachlorobenzene	40.000	38.929	2.7	99	0.00
69	Atrazine	40.000	39.215	2.0	98	0.00
70 C	Pentachlorophenol	40.000	40.973	-2.4	98	0.00
71	Phenanthrene	40.000	38.117	4.7	98	0.00
72	Anthracene	40.000	38.484	3.8	99	0.00
73	Carbazole	40.000	38.661	3.3	99	0.00
74	Di-n-butylphthalate	40.000	38.639	3.4	99	0.00
75 C	Fluoranthene	40.000	37.768	5.6	97	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	99	0.00
77	Benzydine	40.000	49.142	-22.9	106	0.00
78	Pyrene	40.000	36.225	9.4	98	0.00
79 S	Terphenyl-d14	80.000	72.460	9.4	98	0.00
80	Butylbenzylphthalate	40.000	37.660	5.9	100	0.00
81	Benzo(a)anthracene	40.000	35.587	11.0	95	0.00
82	3,3'-Dichlorobenzidine	40.000	38.774	3.1	100	0.00
83	Chrysene	40.000	37.508	6.2	103	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.620	8.5	98	0.00
85 c	Di-n-octyl phthalate	40.000	37.807	5.5	100	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	100	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.626	5.9	97	-0.03
88	Benzo(b)fluoranthene	40.000	38.861	2.8	109	-0.02
89	Benzo(k)fluoranthene	40.000	35.766	10.6	92	-0.02
90 C	Benzo(a)pyrene	40.000	38.209	4.5	100	-0.02
91	Dibenzo(a,h)anthracene	40.000	38.007	5.0	97	-0.04
92	Benzo(g,h,i)perylene	40.000	37.101	7.2	96	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: Q1282 SAS No.: Q1282 SDG No.: Q1282
 Instrument ID: BNA_F Calibration Date(s): 02/06/2025 02/06/2025
 Calibration Time(s): 11:07 14:14

LAB FILE ID:		RRF2.5 = BF141472.D		RRF005 = BF141473.D		RRF010 = BF141474.D		
		RRF020 = BF141475.D		RRF040 = BF141476.D		RRF050 = BF141477.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.235	1.290	1.365	1.289	1.273	1.276	3.8
Phenol-d6		1.619	1.629	1.704	1.613	1.599	1.612	3.1
Phenol		1.693	1.681	1.817	1.685	1.659	1.678	4.4
1,4-Dichlorobenzene		1.546	1.538	1.571	1.471	1.465	1.487	4.6
Nitrobenzene-d5		0.380	0.379	0.396	0.385	0.378	0.383	1.6
1,2,4-Trichlorobenzene		0.327	0.321	0.331	0.317	0.312	0.320	2.1
Naphthalene		1.067	1.041	1.096	1.037	1.012	1.041	3.0
2-Fluorobiphenyl		1.373	1.360	1.385	1.269	1.241	1.298	5.6
2,4,6-Tribromophenol		0.201	0.200	0.210	0.200	0.199	0.201	2.1
Terphenyl-d14		1.129	1.104	1.211	1.198	1.209	1.185	4.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF020625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Feb 06 16:58:59 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF141472.D 5 =BF141473.D 10 =BF141474.D 20 =BF141475.D 40 =BF141476.D 50 =BF141477.D 60 =BF141478.D 80 =BF141479.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.511	0.519	0.523	0.517	0.502	0.521	0.501	0.513	1.73
3)	Pyridine		1.053	1.205	1.311	1.263	1.256	1.261	1.204	1.222	6.79
4)	n-Nitrosodimet...		0.737	0.774	0.820	0.818	0.835	0.846	0.833	0.809	4.83
5) S	2-Fluorophenol		1.235	1.290	1.365	1.289	1.273	1.264	1.214	1.276	3.77
6)	Aniline		1.476	1.545	1.650	1.538	1.506	1.494	1.379	1.513	5.42
7) S	Phenol-d6		1.619	1.629	1.704	1.613	1.599	1.585	1.538	1.612	3.13
8)	2-Chlorophenol		1.399	1.410	1.446	1.379	1.368	1.345	1.302	1.378	3.38
9)	Benzaldehyde		0.892	0.993	0.981	0.821	0.747	0.706		0.857	13.92
10) C	Phenol		1.693	1.681	1.817	1.685	1.659	1.644	1.569	1.678	4.42
11)	bis(2-Chloroet...		1.262	1.229	1.296	1.266	1.252	1.262	1.256	1.261	1.59
12)	1,3-Dichlorobe...		1.473	1.482	1.554	1.441	1.441	1.430	1.366	1.455	3.95
13) C	1,4-Dichlorobe...		1.546	1.538	1.571	1.471	1.465	1.439	1.379	1.487	4.59
14)	1,2-Dichlorobe...		1.393	1.439	1.473	1.374	1.351	1.345	1.285	1.380	4.55
15)	Benzyl Alcohol		1.191	1.251	1.322	1.262	1.248	1.218	1.163	1.236	4.19
16)	2,2'-oxybis(1-...		2.222	2.245	2.313	2.165	2.119	2.082	1.959	2.158	5.45
17)	2-Methylphenol		1.116	1.089	1.121	1.077	1.059	1.066	1.024	1.079	3.15
18)	Hexachloroethane		0.539	0.545	0.589	0.553	0.556	0.544	0.526	0.550	3.59
19) P	n-Nitroso-di-n...	0.950	0.978	0.985	1.039	0.969	0.947	0.941	0.907	0.964	4.03
20)	3+4-Methylphenols		1.442	1.417	1.459	1.372	1.344	1.319	1.244	1.371	5.52
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.517	0.502	0.521	0.493	0.483	0.488	0.478	0.498	3.35
23) S	Nitrobenzene-d5		0.380	0.379	0.396	0.385	0.378	0.381	0.384	0.383	1.58
24)	Nitrobenzene		0.370	0.371	0.383	0.374	0.369	0.375	0.376	0.374	1.29
25)	Isophorone		0.611	0.594	0.633	0.611	0.601	0.617	0.614	0.611	2.04
26) C	2-Nitrophenol		0.171	0.175	0.190	0.193	0.190	0.193	0.191	0.186	4.91
27)	2,4-Dimethylph...		0.208	0.212	0.221	0.223	0.218	0.220	0.220	0.217	2.46
28)	bis(2-Chloroet...		0.384	0.390	0.408	0.394	0.387	0.391	0.388	0.392	2.03
29) C	2,4-Dichloroph...		0.286	0.287	0.312	0.296	0.290	0.292	0.292	0.294	2.95
30)	1,2,4-Trichlor...		0.327	0.321	0.331	0.317	0.312	0.317	0.314	0.320	2.12
31)	Naphthalene		1.067	1.041	1.096	1.037	1.012	1.022	1.012	1.041	2.98
32)	Benzoic acid			0.186	0.217	0.229	0.233	0.243	0.246	0.226	9.70
33)	4-Chloroaniline		0.354	0.352	0.382	0.364	0.360	0.364	0.370	0.363	2.82
34) C	Hexachlorobuta...		0.193	0.191	0.200	0.192	0.188	0.191	0.189	0.192	2.01
35)	Caprolactam		0.083	0.085	0.094	0.093	0.088	0.091	0.092	0.089	4.75
36) C	4-Chloro-3-met...		0.310	0.324	0.342	0.329	0.324	0.325	0.324	0.325	2.91
37)	2-Methylnaphth...		0.688	0.689	0.719	0.669	0.659	0.666	0.652	0.677	3.42
38)	1-Methylnaphth...		0.680	0.657	0.691	0.656	0.637	0.640	0.631	0.656	3.40

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF020625.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.582	0.588	0.600	0.584	0.560	0.574	0.562	0.579	2.50
41) P	Hexachlorocycl...	0.138	0.180	0.204	0.205	0.214	0.214	0.192		15.36
42) S	2,4,6-Tribromo...	0.201	0.200	0.210	0.200	0.199	0.201	0.196	0.201	2.08
43) C	2,4,6-Trichlor...	0.364	0.365	0.389	0.377	0.373	0.378	0.372	0.374	2.28
44)	2,4,5-Trichlor...	0.385	0.407	0.430	0.410	0.394	0.409	0.401	0.405	3.51
45) S	2-Fluorobiphenyl	1.373	1.360	1.385	1.269	1.241	1.259	1.201	1.298	5.62
46)	1,1'-Biphenyl	1.582	1.564	1.632	1.545	1.517	1.537	1.478	1.551	3.16
47)	2-Chloronaphth...	1.167	1.161	1.211	1.135	1.114	1.136	1.103	1.147	3.18
48)	2-Nitroaniline	0.371	0.371	0.394	0.390	0.382	0.401	0.385	0.385	2.92
49)	Acenaphthylene	1.739	1.736	1.791	1.696	1.660	1.689	1.626	1.705	3.21
50)	Dimethylphthalate	1.382	1.359	1.408	1.345	1.324	1.341	1.345	1.358	2.09
51)	2,6-Dinitrotol...	0.289	0.290	0.314	0.301	0.295	0.299	0.290	0.297	3.06
52) C	Acenaphthene	1.186	1.164	1.188	1.152	1.108	1.127	1.101	1.147	3.10
53)	3-Nitroaniline	0.312	0.313	0.335	0.319	0.320	0.321	0.316	0.319	2.35
54) P	2,4-Dinitrophenol	0.133	0.167	0.177	0.185	0.198	0.198	0.176		13.83
55)	Dibenzofuran	1.768	1.722	1.774	1.673	1.633	1.634	1.576	1.683	4.44
56) P	4-Nitrophenol	0.190	0.216	0.247	0.249	0.249	0.257	0.251	0.237	10.43
57)	2,4-Dinitrotol...	0.383	0.403	0.414	0.398	0.390	0.396	0.383	0.395	2.83
58)	Fluorene	1.359	1.361	1.377	1.290	1.239	1.263	1.221	1.301	4.90
59)	2,3,4,6-Tetrac...	0.332	0.361	0.359	0.348	0.348	0.355	0.340	0.349	2.95
60)	Diethylphthalate	1.400	1.346	1.398	1.330	1.300	1.308	1.269	1.336	3.71
61)	4-Chlorophenyl...	0.661	0.643	0.659	0.622	0.602	0.611	0.585	0.626	4.66
62)	4-Nitroaniline	0.315	0.319	0.333	0.335	0.319	0.327	0.324	0.324	2.28
63)	Azobenzene	1.348	1.329	1.385	1.326	1.295	1.320	1.294	1.328	2.38
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.116	0.140	0.142	0.142	0.146	0.148	0.139		8.48
66) c	n-Nitrosodiphe...	0.650	0.653	0.674	0.627	0.625	0.625	0.627	0.640	2.97
67)	4-Bromophenyl-...	0.228	0.220	0.234	0.221	0.220	0.221	0.221	0.224	2.46
68)	Hexachlorobenzene	0.229	0.234	0.241	0.227	0.224	0.228	0.228	0.230	2.46
69)	Atrazine	0.200	0.203	0.214	0.185	0.185	0.182	0.176	0.192	7.12
70) C	Pentachlorophenol	0.116	0.131	0.151	0.154	0.158	0.159	0.160	0.147	11.68
71)	Phenanthrene	1.141	1.132	1.161	1.084	1.071	1.069	1.049	1.101	3.91
72)	Anthracene	1.168	1.126	1.158	1.082	1.084	1.071	1.057	1.107	3.99
73)	Carbazole	1.022	1.026	1.076	0.986	0.966	0.961	0.933	0.996	4.87
74)	Di-n-butylphth...	1.165	1.156	1.223	1.141	1.132	1.126	1.105	1.150	3.29
75) C	Fluoranthene	1.251	1.239	1.243	1.151	1.129	1.091	1.065	1.167	6.63
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.474	0.487	0.334	0.528	0.432	0.351	0.481	0.441	16.58
78)	Pyrene	1.528	1.557	1.717	1.745	1.774	1.807	1.789	1.703	6.67
79) S	Terphenyl-d14	1.129	1.104	1.211	1.198	1.209	1.234	1.208	1.185	4.07
80)	Butylbenzylpht...	0.525	0.540	0.605	0.609	0.603	0.623	0.624	0.590	6.83
81)	Benzo(a)anthra...	1.381	1.332	1.350	1.345	1.309	1.309	1.279	1.329	2.51
82)	3,3'-Dichlorob...	0.397	0.411	0.407	0.377	0.363	0.353	0.358	0.381	6.31
83)	Chrysene	1.187	1.223	1.314	1.201	1.215	1.224	1.229	1.228	3.34
84)	Bis(2-ethylhex...	0.593	0.610	0.685	0.689	0.680	0.697	0.702	0.665	6.68
85) c	Di-n-octyl pht...	0.802	0.814	0.910	0.965	1.010	1.051	1.090	0.949	11.82

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF020625.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	0.987	1.029	1.186	1.288	1.341	1.410	1.408	1.236	14.06	
88)	Benzo(b)fluora...	1.286	1.407	1.398	1.336	1.350	1.356	1.268	1.343	3.88	
89)	Benzo(k)fluora...	1.113	1.216	1.247	1.142	1.074	1.098	1.138	1.147	5.49	
90) C	Benzo(a)pyrene	1.085	1.074	1.115	1.080	1.069	1.094	1.089	1.087	1.41	
91)	Dibenzo(a,h)an...	0.796	0.828	0.970	1.051	1.092	1.138	1.134	1.001	14.13	
92)	Benzo(g,h,i)pe...	0.805	0.864	1.001	1.100	1.144	1.203	1.218	1.048	15.60	

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141472.D
Acq On : 06 Feb 2025 11:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 06 16:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration

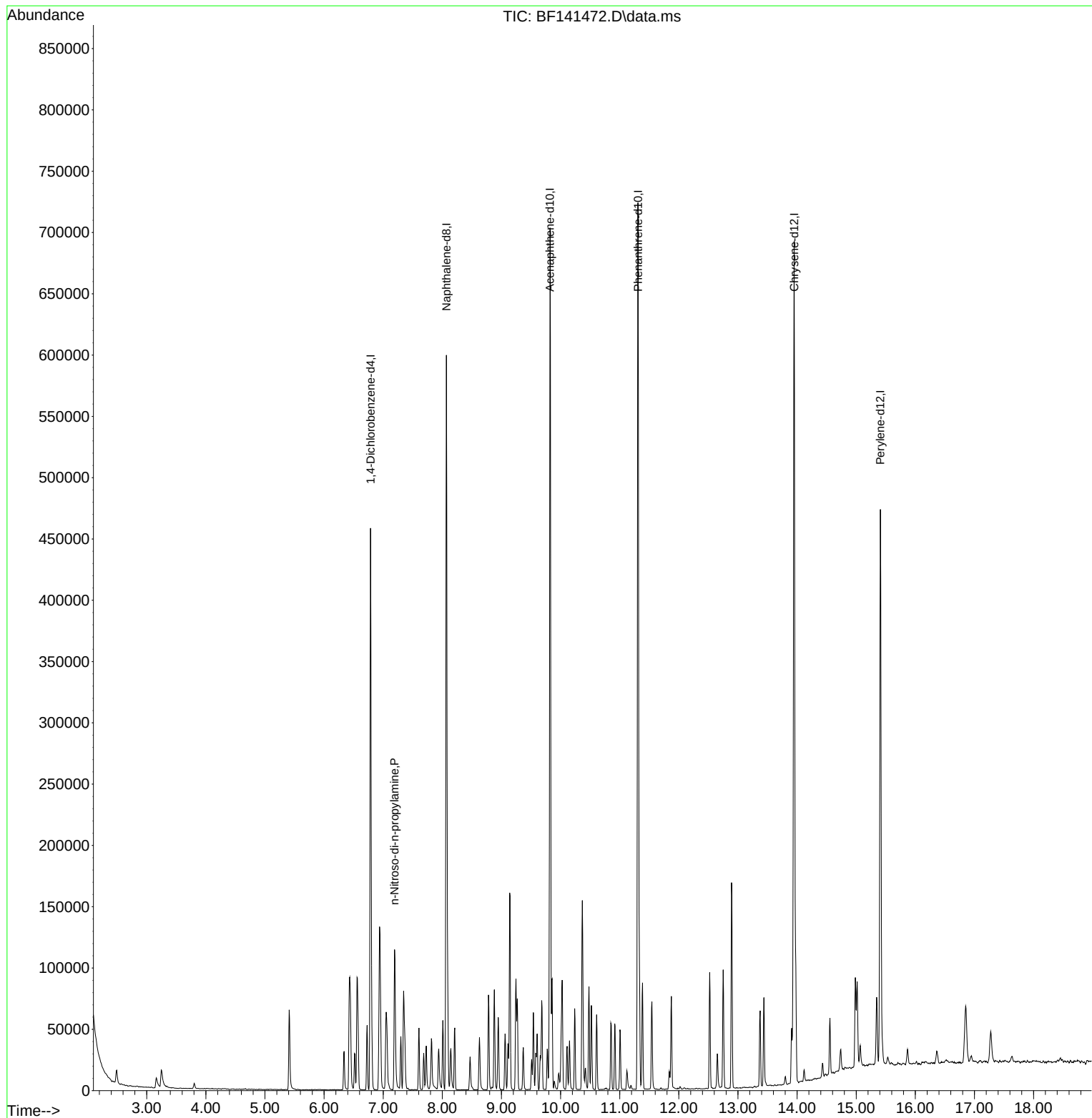
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91402	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	372084	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	206500	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	361595	20.000	ng	0.00
76) Chrysene-d12	13.951	240	309941	20.000	ng	-0.01
86) Perylene-d12	15.410	264	259363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.192	70	10850	2.462	ng	92

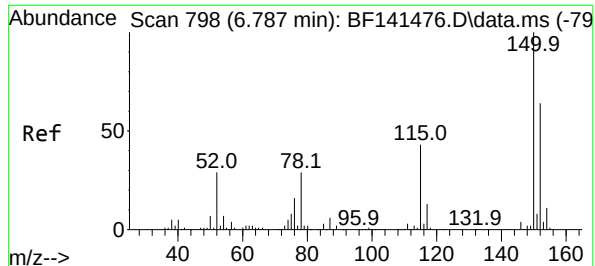
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141472.D
Acq On : 06 Feb 2025 11:07
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

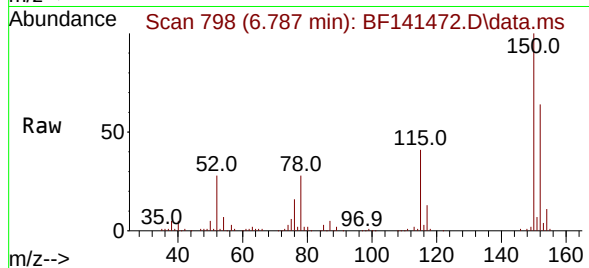
Quant Time: Feb 06 16:00:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration



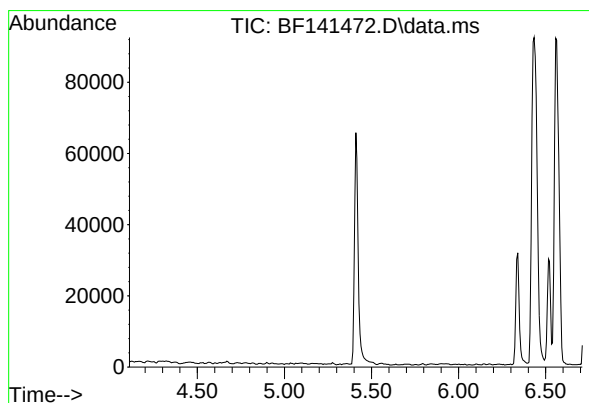
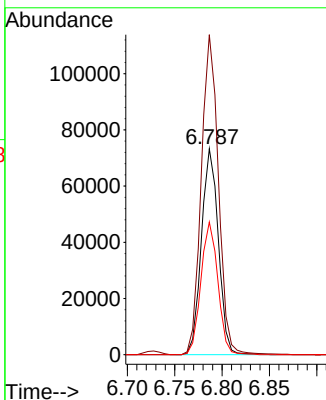
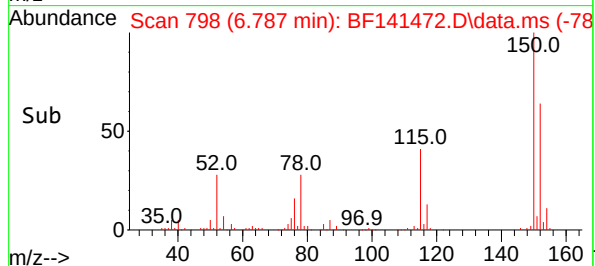


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



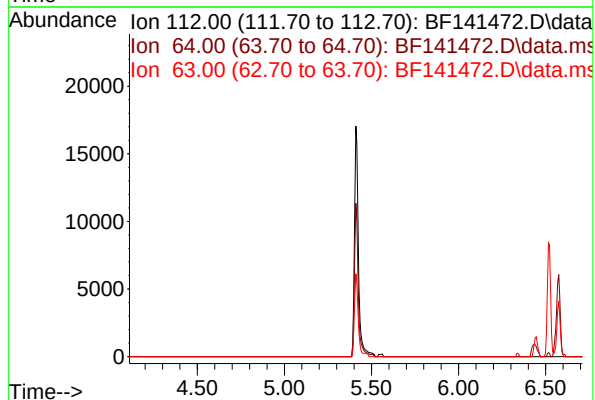
Tgt Ion:152 Resp: 91402
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.4
115 64.4 53.6 80.4

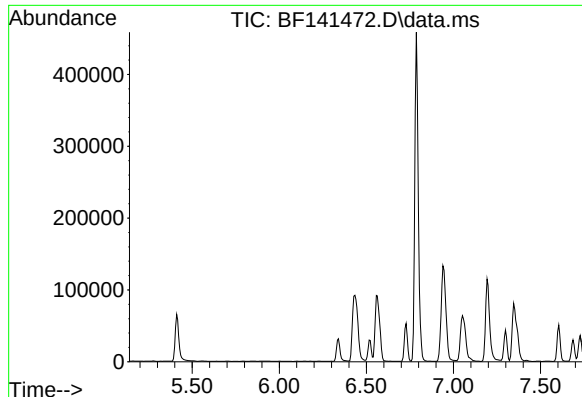


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.41 min

Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Tgt Ion: 112
Sig Exp Ratio
112 100
64 63.9
63 35.5





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.44 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

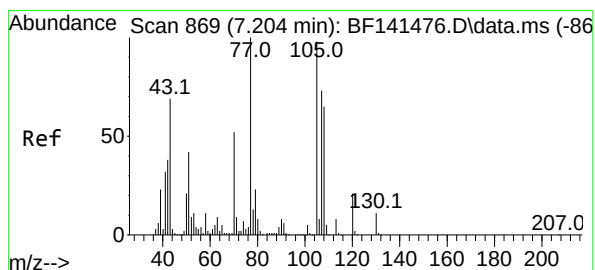
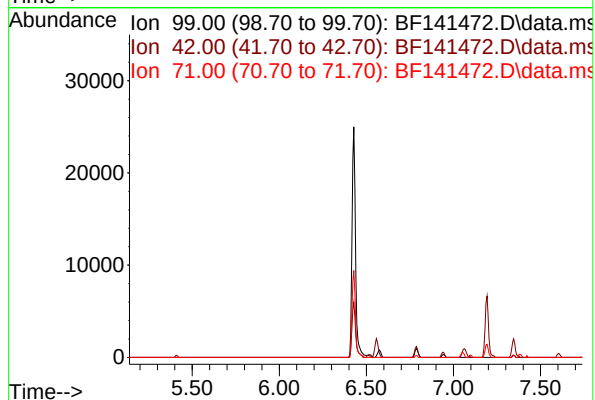
Tgt Ion: 99

Sig Exp Ratio

99 100

42 23.9

71 38.9



#19

n-Nitroso-di-n-propylamine

Concen: 2.462 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Tgt Ion: 70 Resp: 10850

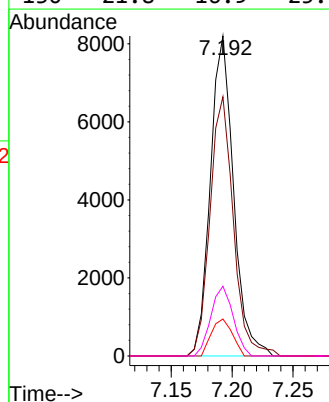
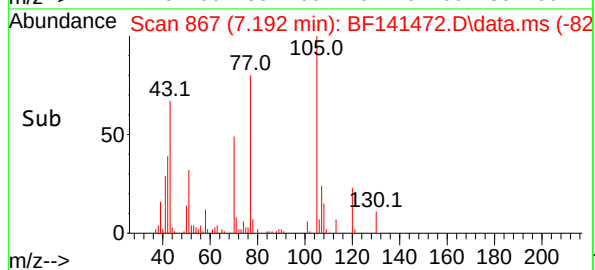
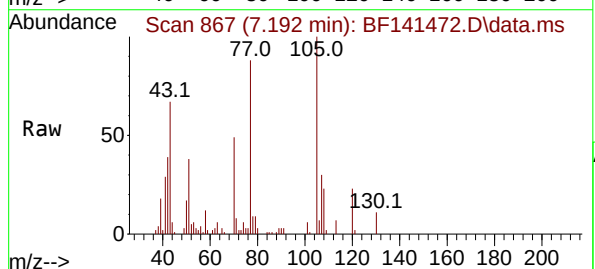
Ion Ratio Lower Upper

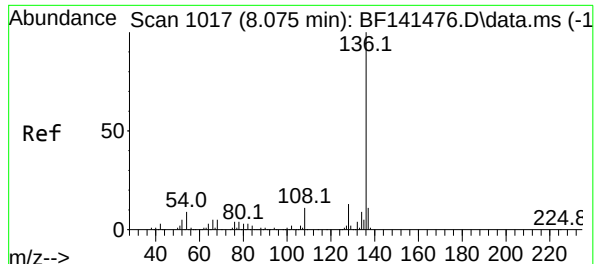
70 100

42 81.0 57.4 86.2

101 11.5 8.0 12.0

130 21.8 16.9 25.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141472.D

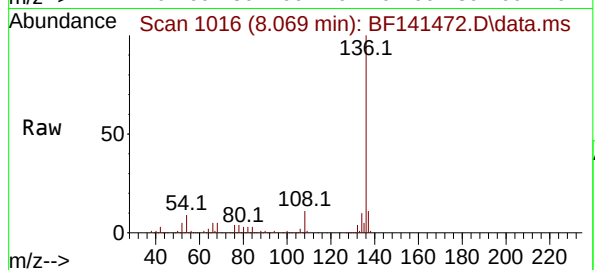
Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

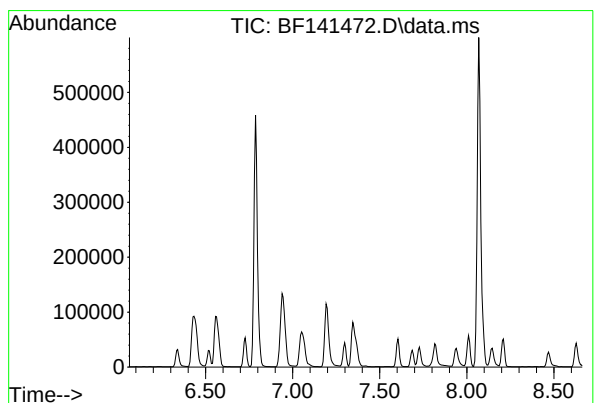
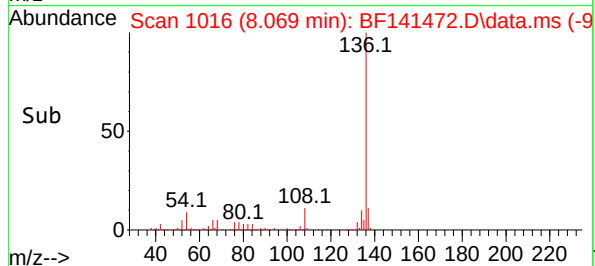
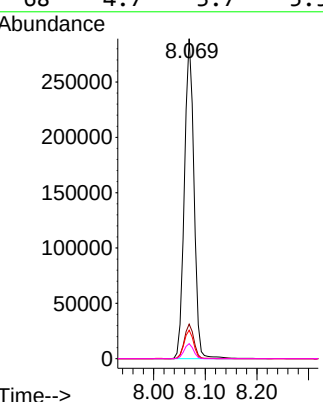
ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 372084

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	7.2	10.8
68	4.7	3.7	5.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

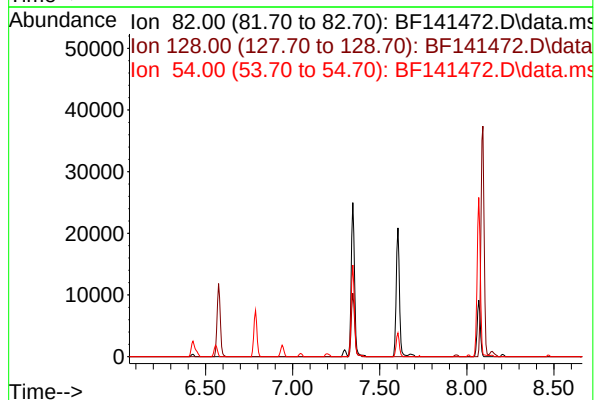
Expected RT: 7.36 min

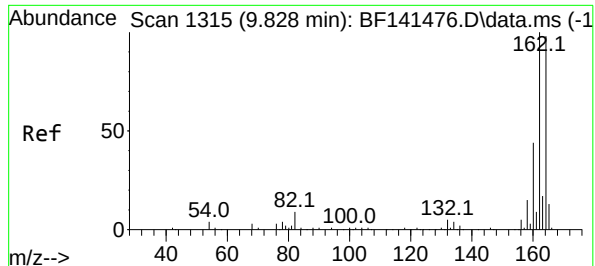
Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	43.5
54	60.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141472.D

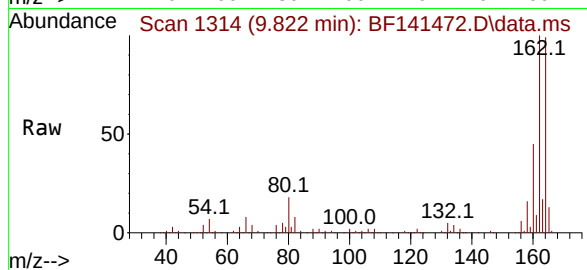
Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



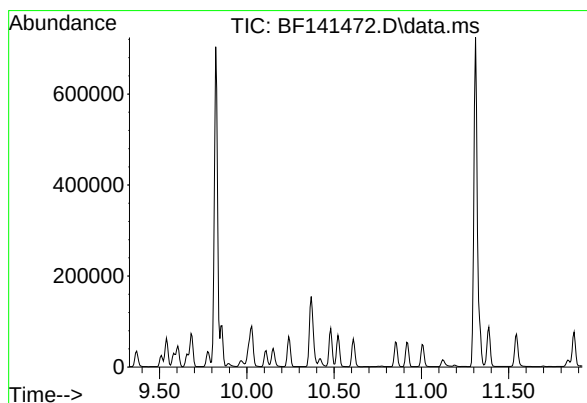
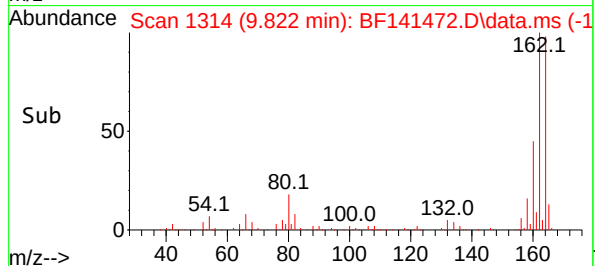
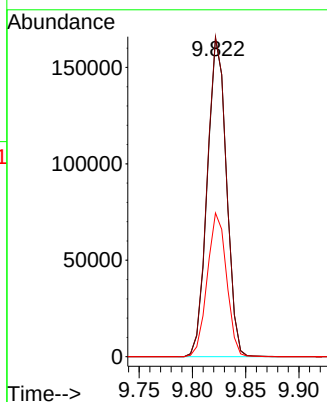
Tgt Ion:164 Resp: 206500

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 45.1 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.63 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

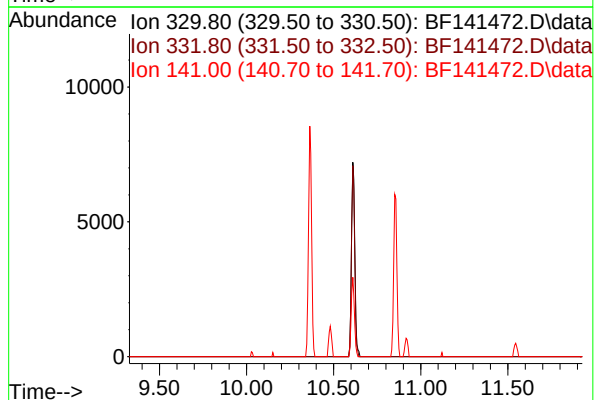
Tgt Ion: 330

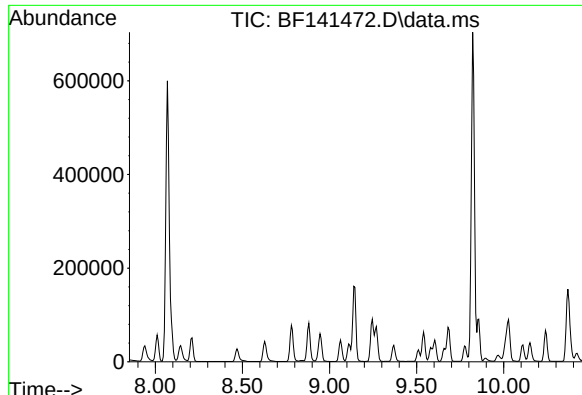
Sig Exp Ratio

330 100

332 98.1

141 38.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.15 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

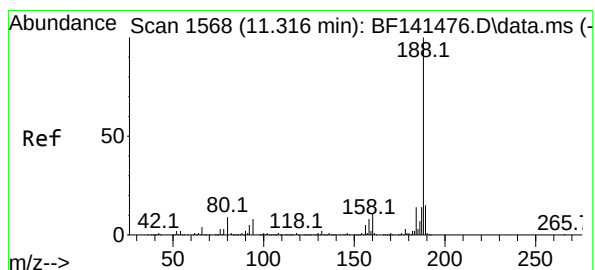
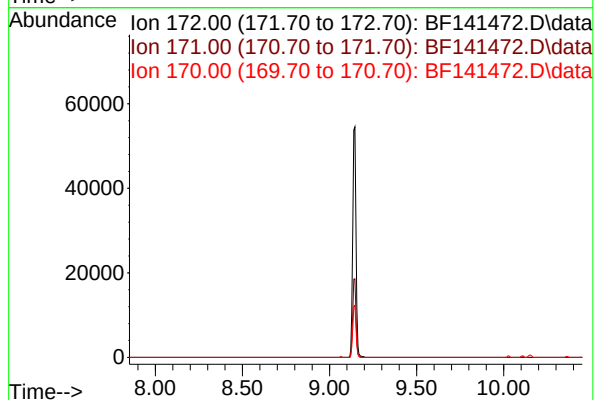
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.9

170 23.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF141472.D

Acq: 06 Feb 2025 11:07

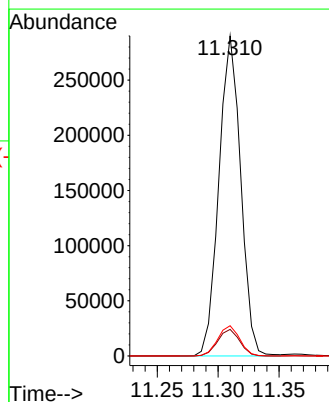
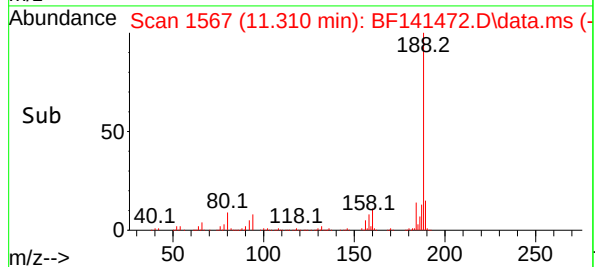
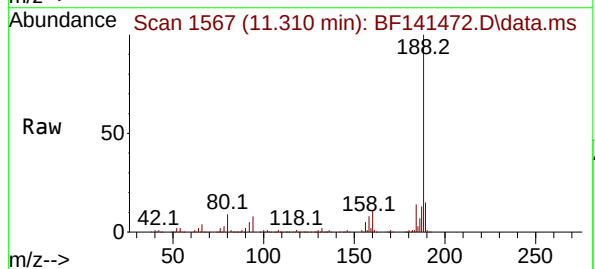
Tgt Ion:188 Resp: 361595

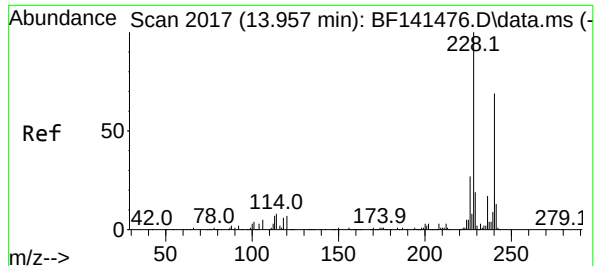
Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

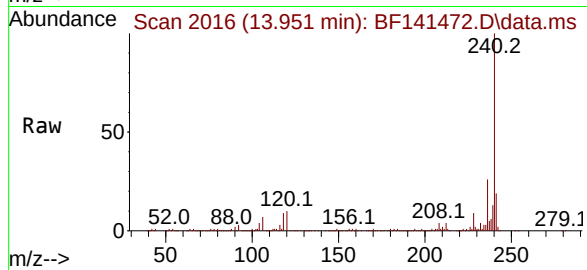
80 9.5 7.3 10.9



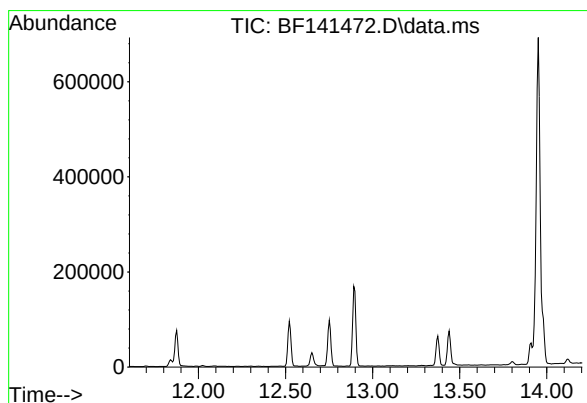
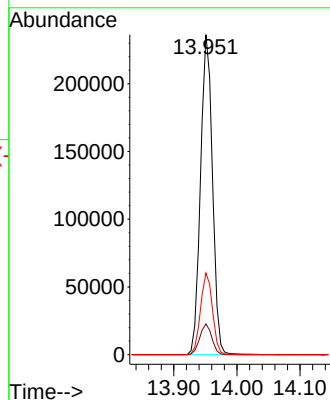
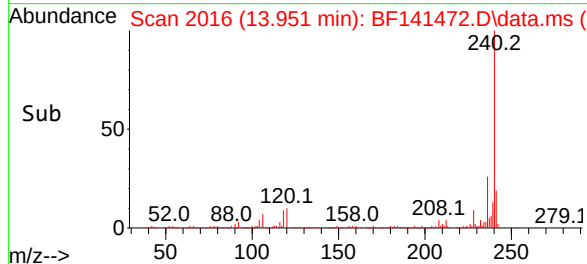


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



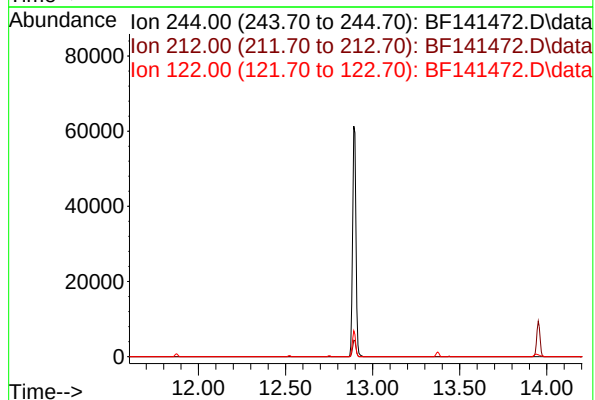
Tgt Ion:240 Resp: 309941
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.5 19.8 29.8



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.90 min

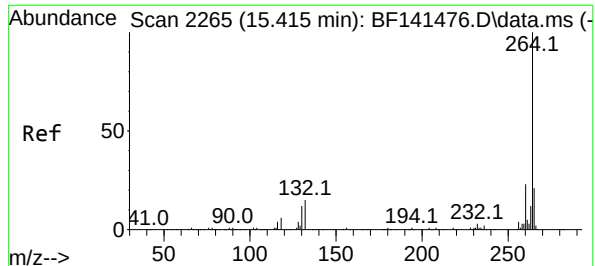
Lab File: BF141472.D
Acq: 06 Feb 2025 11:07

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.0
122 10.5



Ion 212.00 (211.70 to 212.70): BF141472.D\data

Ion 122.00 (121.70 to 122.70): BF141472.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141472.D

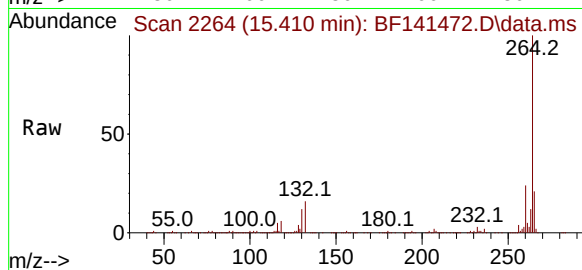
Acq: 06 Feb 2025 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



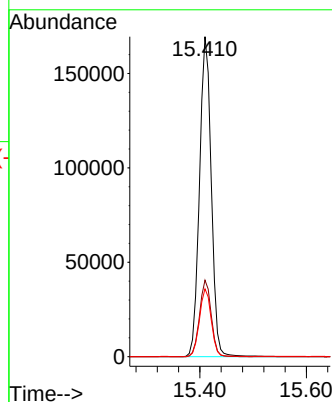
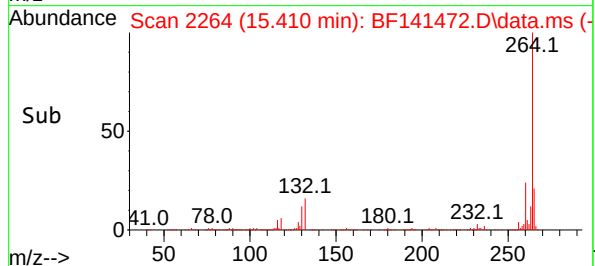
Tgt Ion:264 Resp: 259363

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.2 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141473.D
 Acq On : 06 Feb 2025 11:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Feb 06 16:00:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89396	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	358966	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	199514	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	351213	20.000	ng	0.00
76) Chrysene-d12	13.951	240	295087	20.000	ng	-0.01
86) Perylene-d12	15.410	264	233325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	55200	9.680	ng	0.00
7) Phenol-d6	6.422	99	72376	10.042	ng	-0.02
23) Nitrobenzene-d5	7.345	82	68257	9.918	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	20060	10.009	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	136925	10.573	ng	0.00
79) Terphenyl-d14	12.892	244	166601	9.531	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	11419	4.976	ng	95
3) Pyridine	3.228	79	23540	4.310	ng	97
4) n-Nitrosodimethylamine	3.152	42	16481	4.558	ng	# 96
6) Aniline	6.445	93	32993	4.880	ng	97
8) 2-Chlorophenol	6.575	128	31263	5.074	ng	99
9) Benzaldehyde	6.334	77	19944	5.207	ng	94
10) Phenol	6.440	94	37833	5.044	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	28203	5.006	ng	97
12) 1,3-Dichlorobenzene	6.728	146	32913	5.060	ng	99
13) 1,4-Dichlorobenzene	6.804	146	34555	5.199	ng	97
14) 1,2-Dichlorobenzene	6.957	146	31141	5.049	ng	96
15) Benzyl Alcohol	6.928	79	26612	4.815	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	49667	5.150	ng	99
17) 2-Methylphenol	7.045	107	24939	5.173	ng	96
18) Hexachloroethane	7.298	117	12043	4.896	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	21865	5.072	ng	97
20) 3+4-Methylphenols	7.198	107	32221	5.258	ng	94
22) Acetophenone	7.192	105	46441	5.201	ng	95
24) Nitrobenzene	7.363	77	33173	4.943	ng	99
25) Isophorone	7.604	82	54796	4.993	ng	99
26) 2-Nitrophenol	7.687	139	15331	4.592	ng	97
27) 2,4-Dimethylphenol	7.728	122	18659	4.784	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	34469	4.902	ng	100
29) 2,4-Dichlorophenol	7.934	162	25667	4.870	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	29321	5.109	ng	96
31) Naphthalene	8.092	128	95730	5.123	ng	99
33) 4-Chloroaniline	8.145	127	31729	4.864	ng	98
34) Hexachlorobutadiene	8.210	225	17323	5.028	ng	98
35) Caprolactam	8.475	113	7437	4.635	ng	94
36) 4-Chloro-3-methylphenol	8.628	107	27818	4.765	ng	98
37) 2-Methylnaphthalene	8.781	142	61742	5.078	ng	97
38) 1-Methylnaphthalene	8.881	142	61026	5.182	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	29023	5.028	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	18144	4.863	ng	99
44) 2,4,5-Trichlorophenol	9.110	196	19204	4.750	ng	98
46) 1,1'-Biphenyl	9.245	154	78931	5.103	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141473.D
 Acq On : 06 Feb 2025 11:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Feb 06 16:00:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.269	162	58201	5.088	ng	100
48) 2-Nitroaniline	9.369	65	18494	4.818	ng	98
49) Acenaphthylene	9.681	152	86721	5.097	ng	100
50) Dimethylphthalate	9.539	163	68921	5.088	ng	99
51) 2,6-Dinitrotoluene	9.604	165	14394	4.861	ng	94
52) Acenaphthene	9.857	154	59139	5.171	ng	99
53) 3-Nitroaniline	9.775	138	15563	4.884	ng	98
55) Dibenzofuran	10.028	168	88178	5.252	ng	99
56) 4-Nitrophenol	9.963	139	9482	4.008	ng	94
57) 2,4-Dinitrotoluene	10.010	165	19087	4.842	ng	# 96
58) Fluorene	10.369	166	67764	5.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	16570	4.760	ng	99
60) Diethylphthalate	10.239	149	69845	5.241	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	32951	5.277	ng	99
62) 4-Nitroaniline	10.381	138	15711	4.855	ng	95
63) Azobenzene	10.522	77	67256	5.077	ng	99
66) n-Nitrosodiphenylamine	10.481	169	57063	5.076	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	20012	5.098	ng	99
68) Hexachlorobenzene	10.922	284	20138	4.982	ng	98
69) Atrazine	11.010	200	17519	5.194	ng	93
70) Pentachlorophenol	11.122	266	10151	3.928	ng	98
71) Phenanthrene	11.333	178	100202	5.183	ng	100
72) Anthracene	11.386	178	102596	5.279	ng	98
73) Carbazole	11.545	167	89721	5.131	ng	100
74) Di-n-butylphthalate	11.875	149	102296	5.066	ng	100
75) Fluoranthene	12.522	202	109883	5.361	ng	98
77) Benzidine	12.651	184	34946	5.370	ng	99
78) Pyrene	12.751	202	112700	4.486	ng	100
80) Butylbenzylphthalate	13.374	149	38714	4.449	ng	98
81) Benzo(a)anthracene	13.939	228	101861	5.193	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	29306	5.216	ng	98
83) Chrysene	13.980	228	87555	4.834	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	43735	4.457	ng	98
85) Di-n-octyl phthalate	14.557	149	59200	4.229	ng	100
87) Indeno(1,2,3-cd)pyrene	16.839	276	57572	3.993	ng	99
88) Benzo(b)fluoranthene	14.986	252	75033	4.789	ng	99
89) Benzo(k)fluoranthene	15.016	252	64919	4.853	ng	98
90) Benzo(a)pyrene	15.345	252	63295	4.993	ng	98
91) Dibenzo(a,h)anthracene	16.857	278	46421	3.974	ng	98
92) Benzo(g,h,i)perylene	17.274	276	46952	3.841	ng	99

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

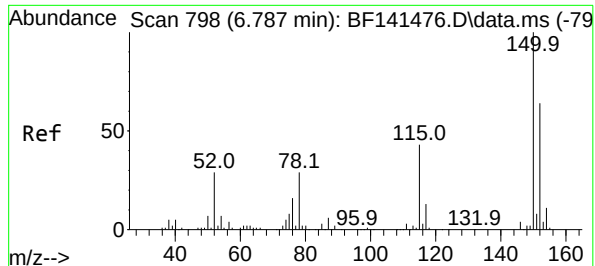
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Abundance

TIC: BF141473.D\data.ms

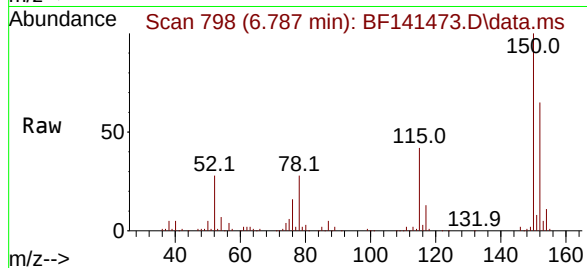
Time-->

1,4-Dioxane
N,N-dimethylmethanamine,
2-Fluorophenol, S
Benzaldehyde
bis(2-chlorobenzyl)phenol
1,3-Dichlorobenzene
2,2'-bis[4-(chloromethyl)phenoxy]propane
Hexachlorocyclopentadiene
Nitrobenzene-d5, S
2-Nitrotoluene
Isobutylene
2,4-Dichlorobenzonitrile
4-Chlorobenzonitrile
Caprolactam
4-Chloro-3-methylphenol, C
2,4,6-Trichlorophenol, C
2,4,5-Trichlorophenol, C
2-Nitroanisole
3-Nitroanisole
2,6-Dinitrophenylphthalate
Acenaphthene
4-Nitrophenol, S
Dinitrofluorene
2,3,4,6-Tetrachlorophthalate
Chlorophenylpropyl ether
2,4-Dichlorophenol, S
2,4-Dichlorophenyl ether
Pentachlorophenol, C
Phenanthrene
Carbazole
Di-n-butylphthalate
Terphenyl-d14, S
Fluoranthene, C
Pyrene
Butylbenzylphthalate
3,3'-Dichlorobenzidine
Chrysene
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Dibenz(a,h)anthracene
Benzo(g,h,i)perylene

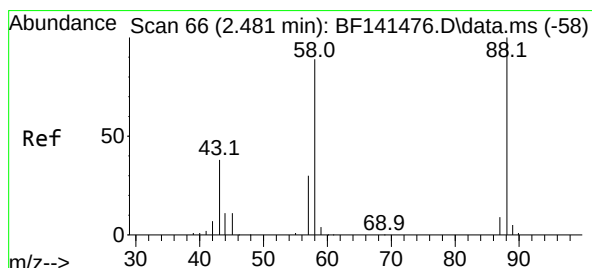
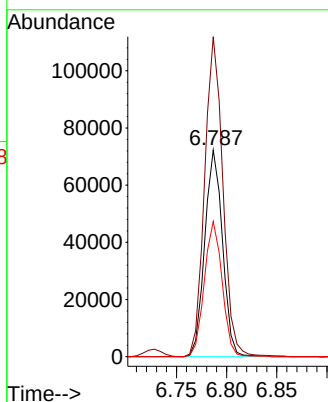
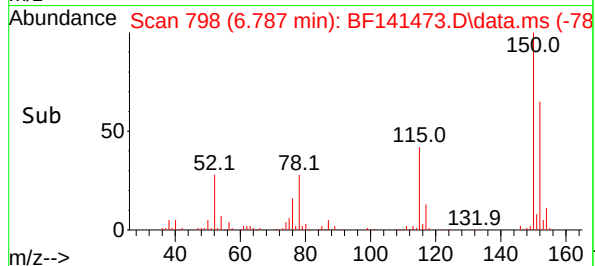


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

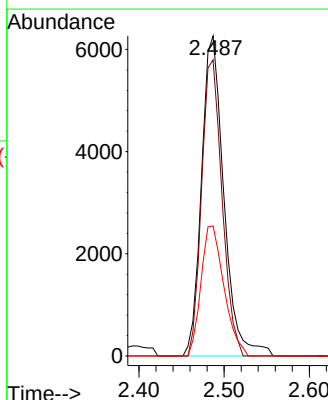
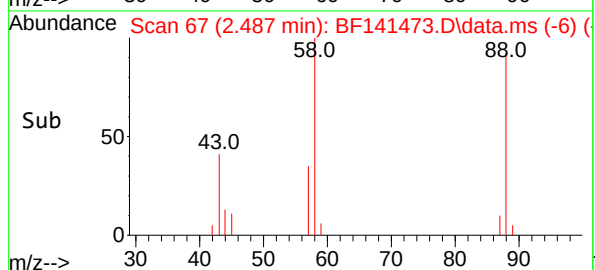
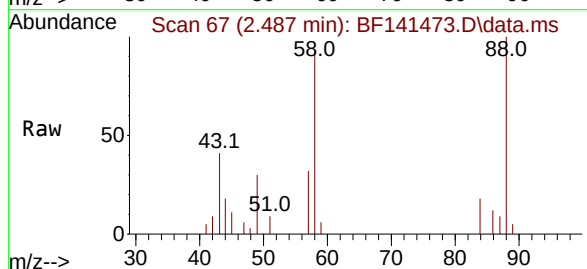


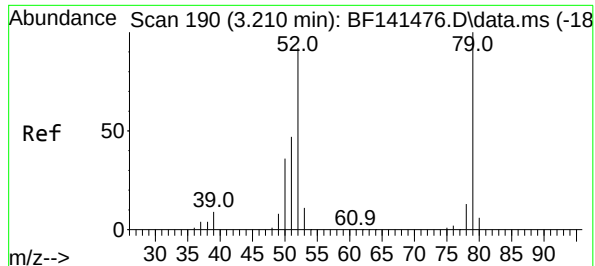
Tgt Ion:152 Resp: 89396
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.4
115 65.4 53.6 80.4



#2
1,4-Dioxane
Concen: 4.976 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 88 Resp: 11419
Ion Ratio Lower Upper
88 100
58 84.3 71.1 106.7
43 41.7 30.6 46.0





#3

Pyridine

Concen: 4.310 ng

RT: 3.228 min Scan# 190

Delta R.T. 0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

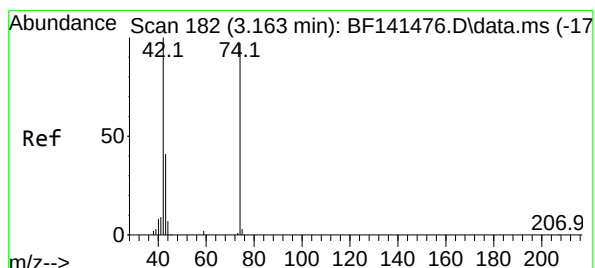
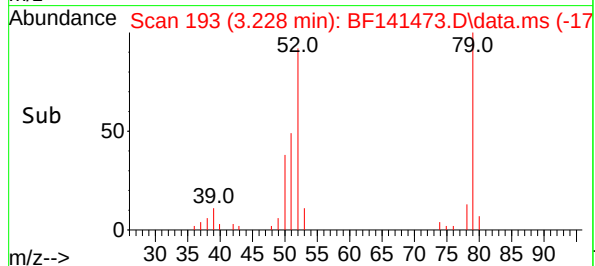
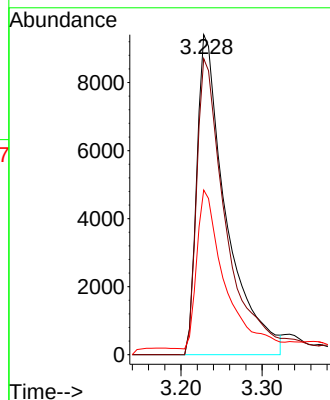
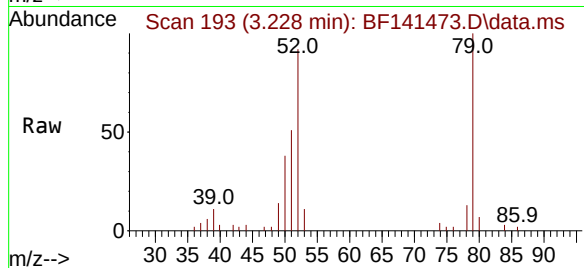
Tgt Ion: 79 Resp: 23540

Ion Ratio Lower Upper

79 100

52 92.5 73.7 110.5

51 51.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 4.558 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.035 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

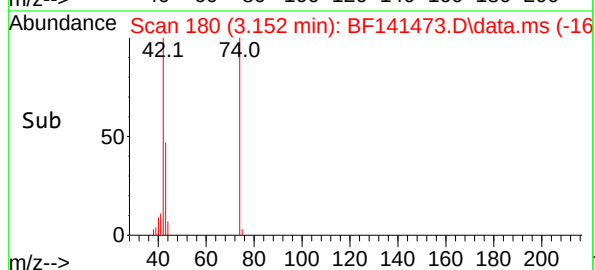
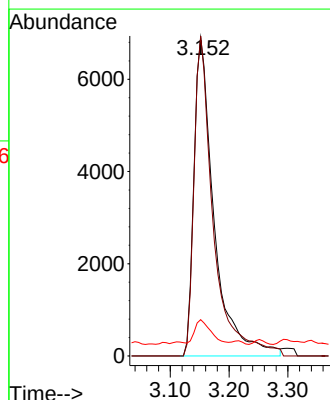
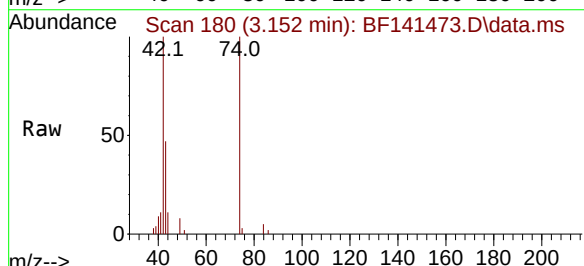
Tgt Ion: 42 Resp: 16481

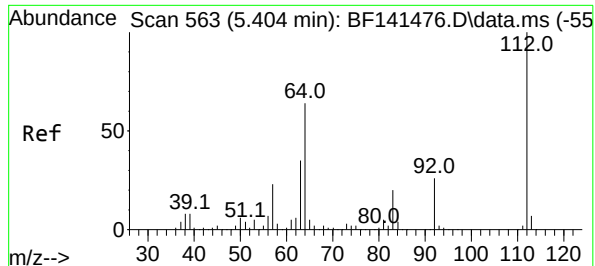
Ion Ratio Lower Upper

42 100

74 100.5 78.0 117.0

44 11.4 5.4 8.2#

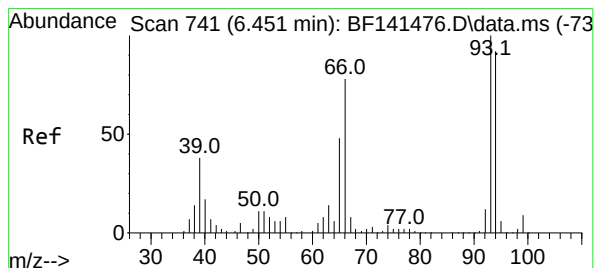
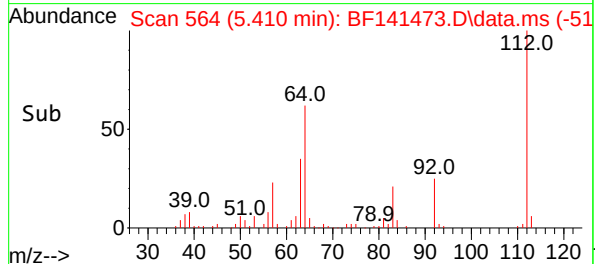
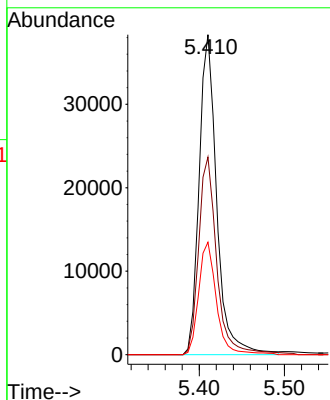
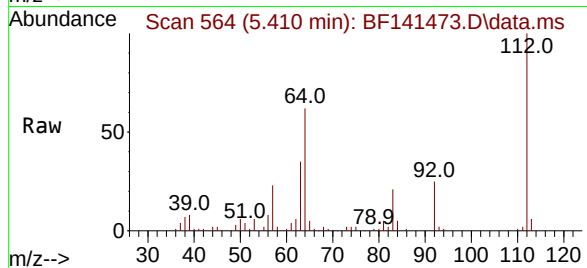




#5
2-Fluorophenol
Concen: 9.680 ng
RT: 5.410 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

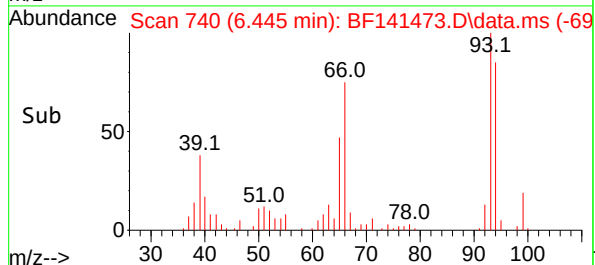
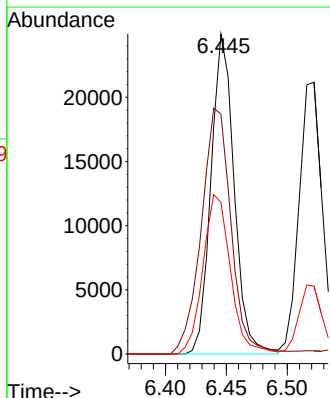
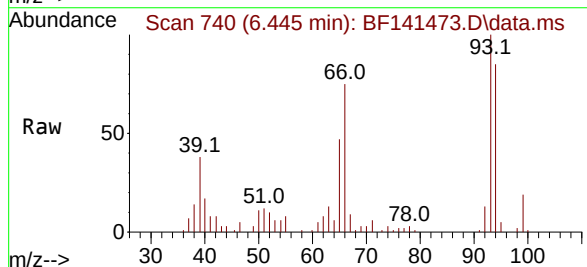
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

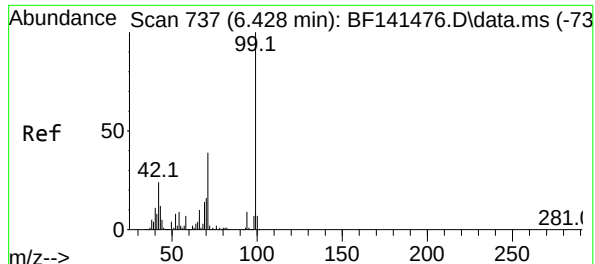
Tgt Ion:112 Resp: 55200
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 35.1 28.4 42.6



#6
Aniline
Concen: 4.880 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 93 Resp: 32993
Ion Ratio Lower Upper
93 100
66 75.0 62.6 94.0
65 47.4 38.3 57.5

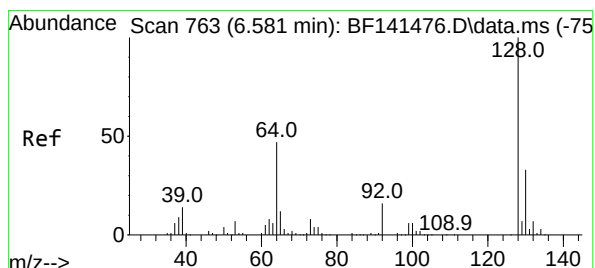
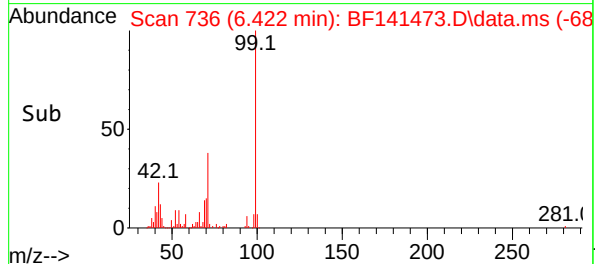
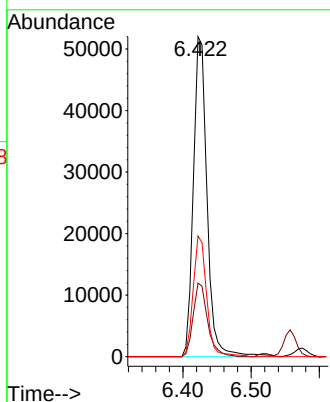
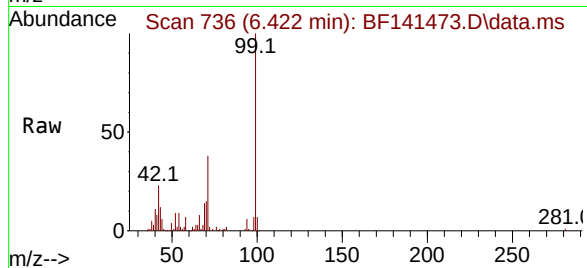




#7
Phenol-d6
Concen: 10.042 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

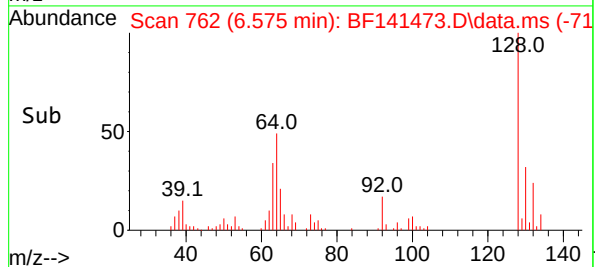
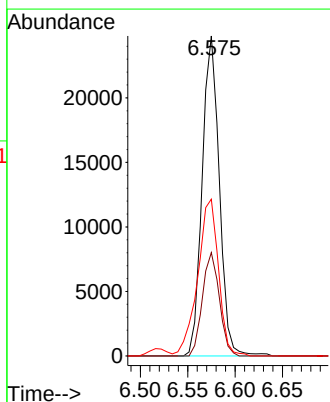
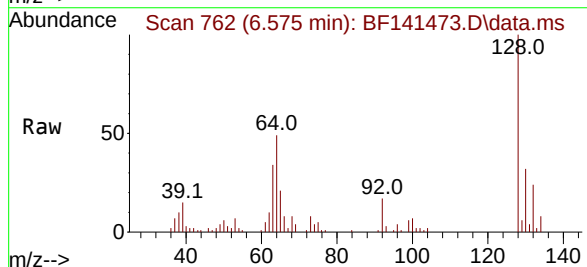
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

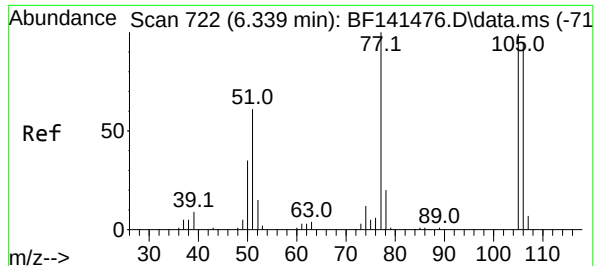
Tgt Ion: 99 Resp: 72376
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 37.7 31.1 46.7



#8
2-Chlorophenol
Concen: 5.074 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 128 Resp: 31263
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 49.0 28.3 68.3

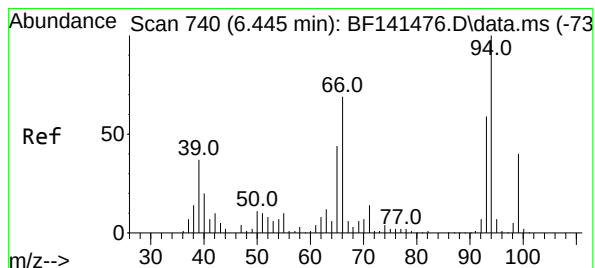
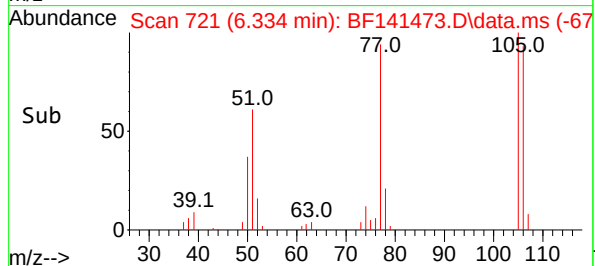
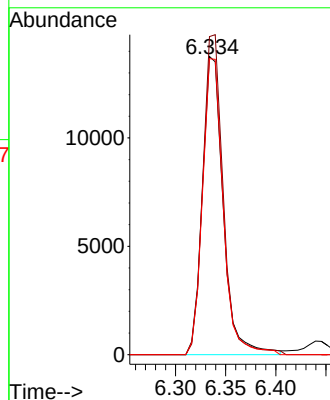
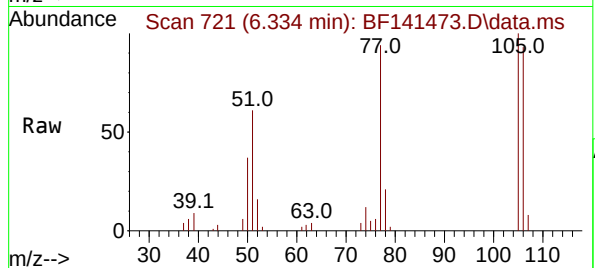




#9
Benzaldehyde
Concen: 5.207 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.005 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

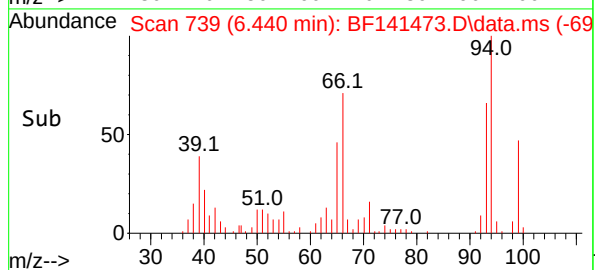
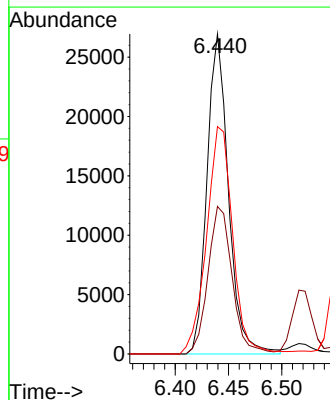
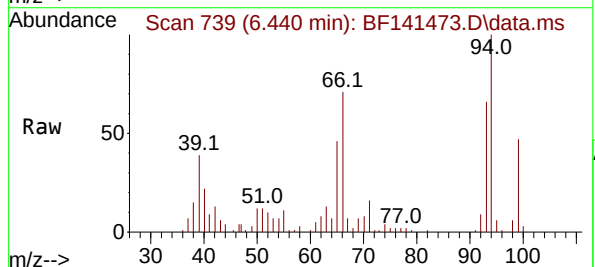
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

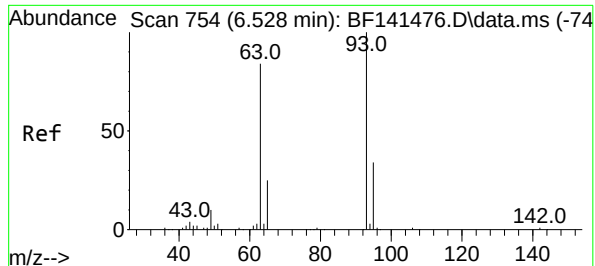
Tgt Ion: 77 Resp: 19944
Ion Ratio Lower Upper
77 100
105 106.6 79.4 119.4
106 99.2 75.1 115.1



#10
Phenol
Concen: 5.044 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 94 Resp: 37833
Ion Ratio Lower Upper
94 100
65 46.1 23.7 63.7
66 71.1 49.3 89.3

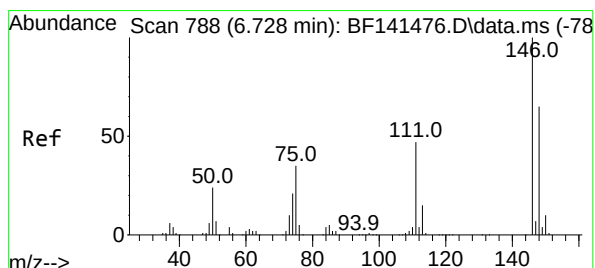
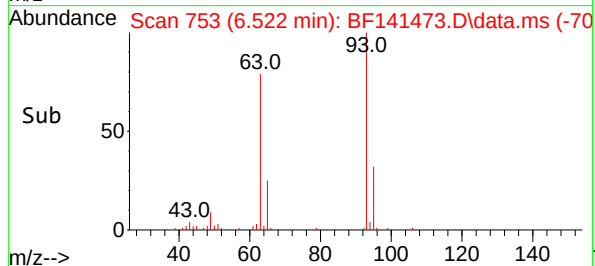
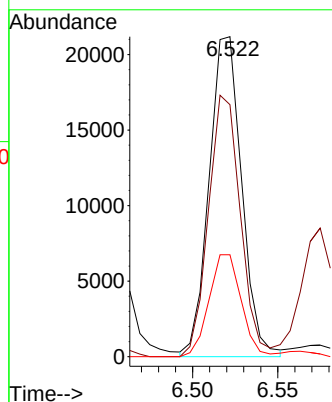
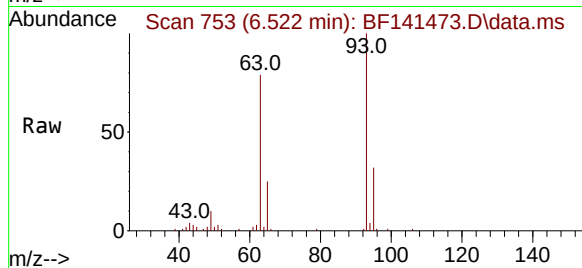




#11
bis(2-Chloroethyl)ether
Concen: 5.006 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

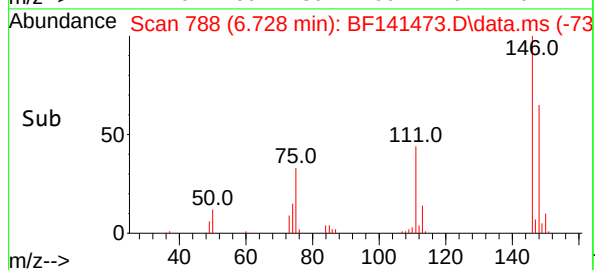
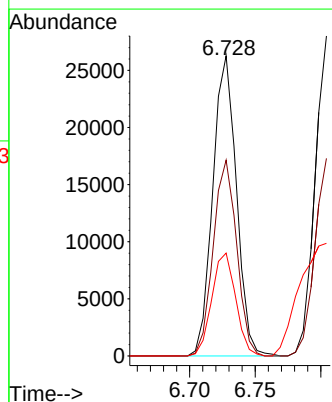
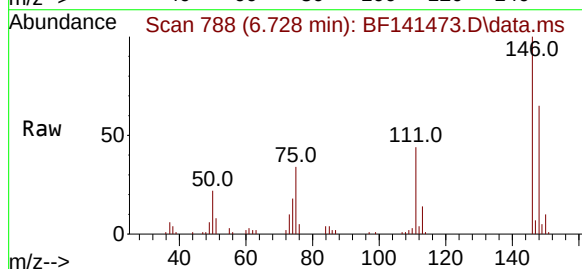
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

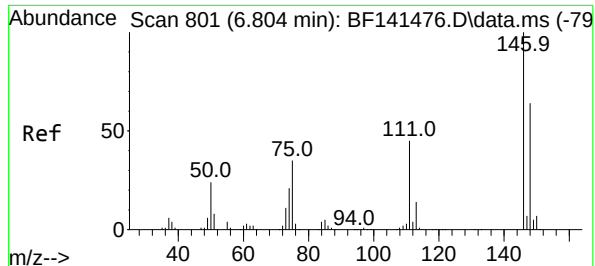
Tgt Ion: 93 Resp: 28203
Ion Ratio Lower Upper
93 100
63 78.7 62.0 102.0
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 5.060 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion: 146 Resp: 32913
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 34.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 5.199 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

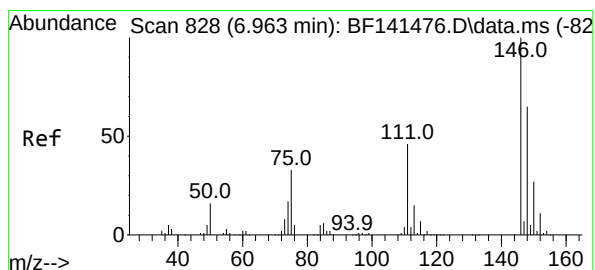
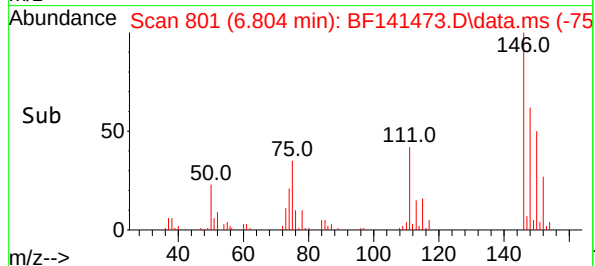
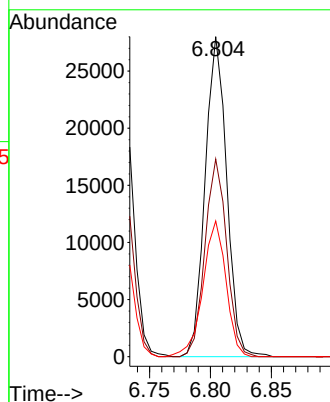
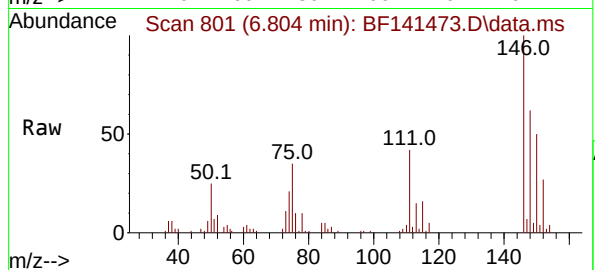
Tgt Ion:146 Resp: 34555

Ion Ratio Lower Upper

146 100

148 61.7 50.9 76.3

111 42.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 5.049 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

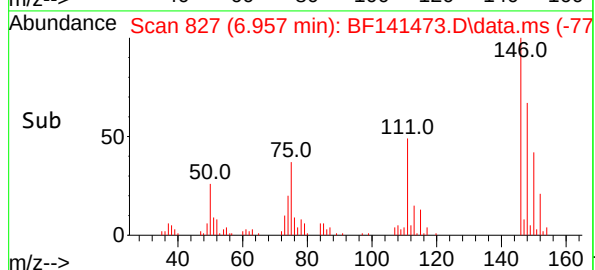
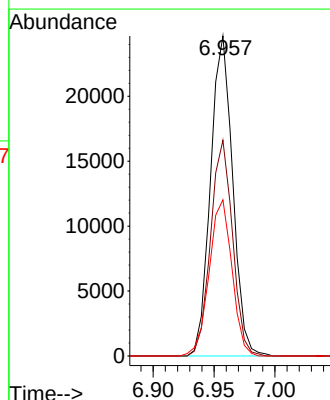
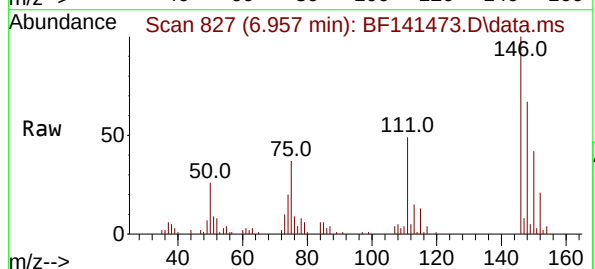
Tgt Ion:146 Resp: 31141

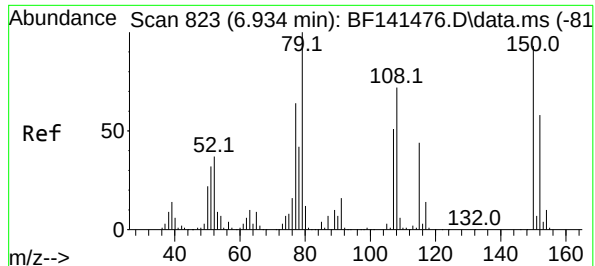
Ion Ratio Lower Upper

146 100

148 67.4 51.8 77.6

111 48.8 37.0 55.4





#15

Benzyl Alcohol

Concen: 4.815 ng

RT: 6.928 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

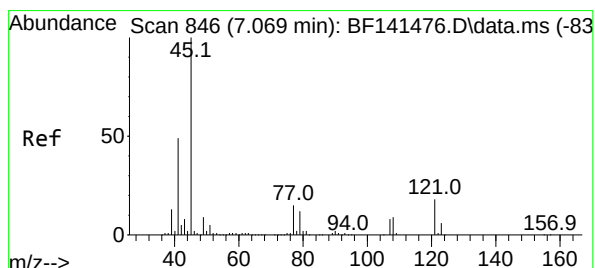
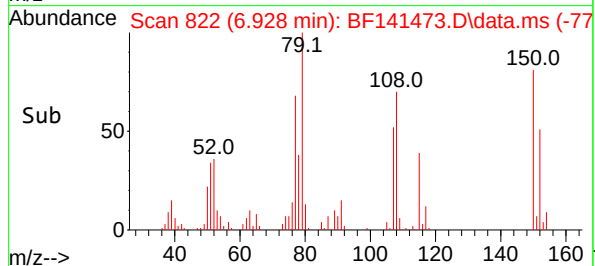
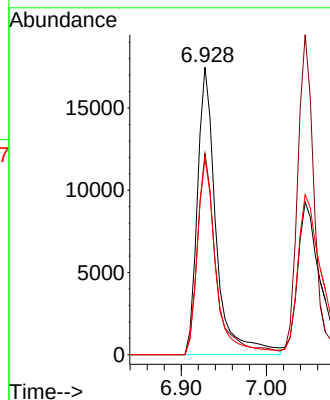
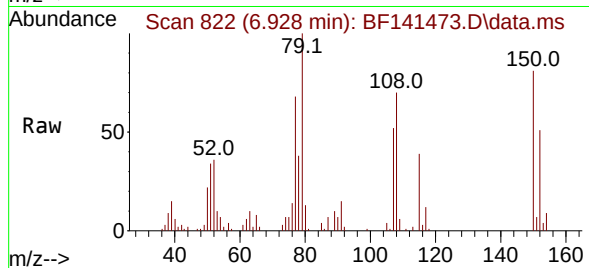
Tgt Ion: 79 Resp: 26612

Ion Ratio Lower Upper

79 100

108 70.0 57.4 86.2

77 68.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.150 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

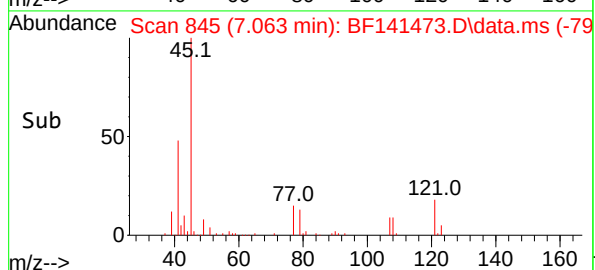
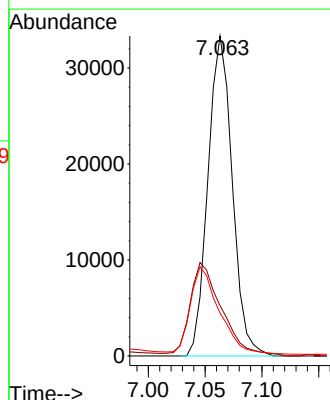
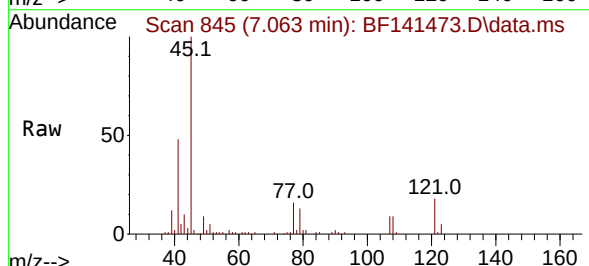
Tgt Ion: 45 Resp: 49667

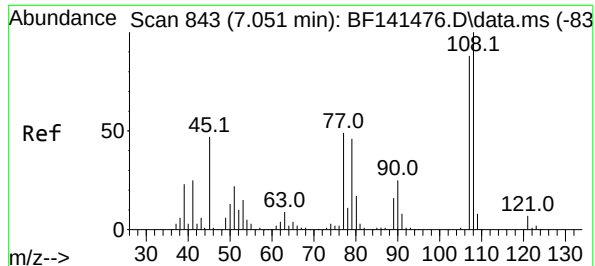
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

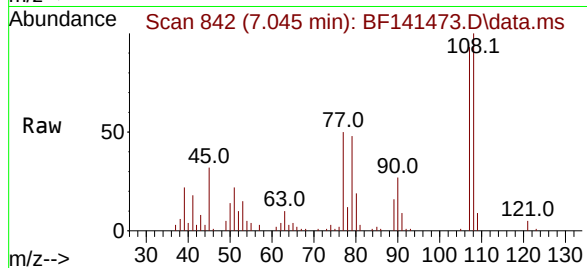
79 13.4 0.0 32.7



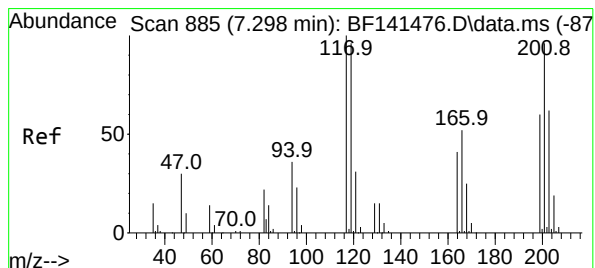
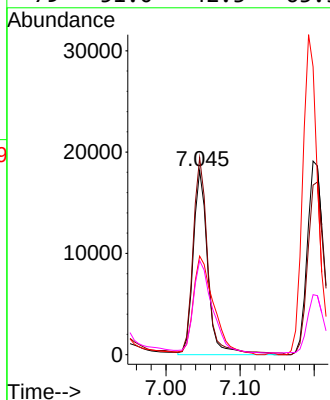
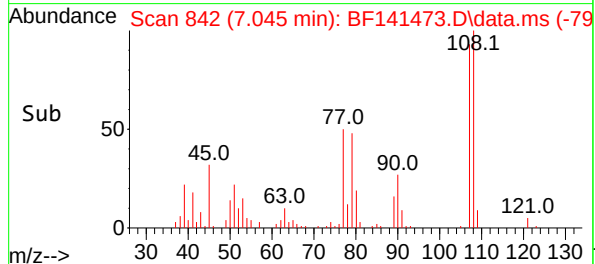


#17
2-Methylphenol
Concen: 5.173 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

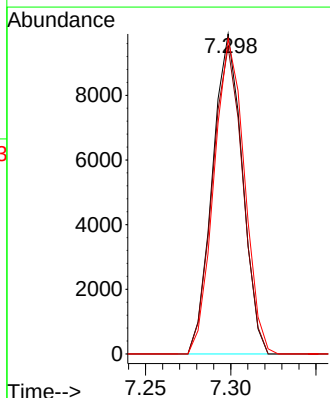
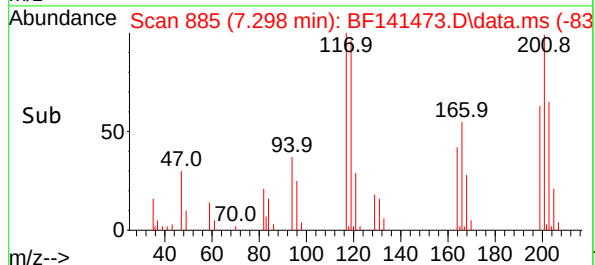
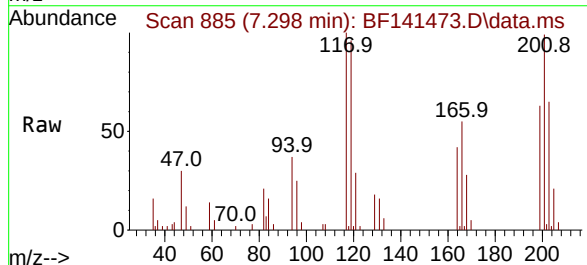


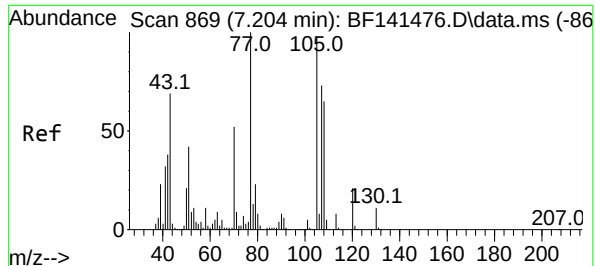
Tgt Ion:107 Resp: 24939
Ion Ratio Lower Upper
107 100
108 107.0 90.6 136.0
77 53.5 44.4 66.6
79 51.0 42.3 63.5



#18
Hexachloroethane
Concen: 4.896 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:117 Resp: 12043
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 98.5 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 5.072 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF141473.D

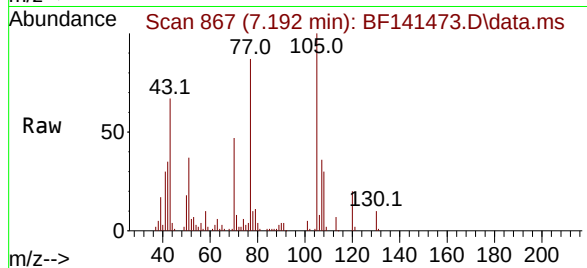
Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

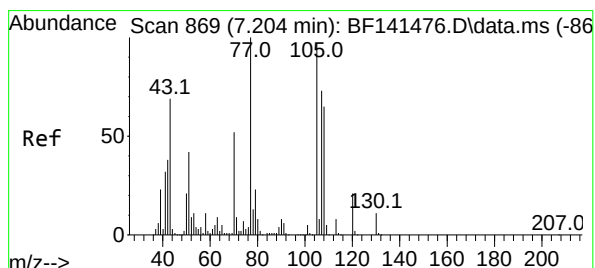
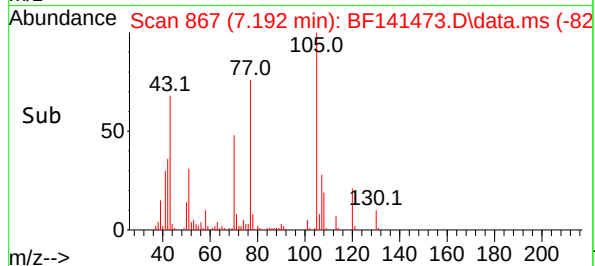
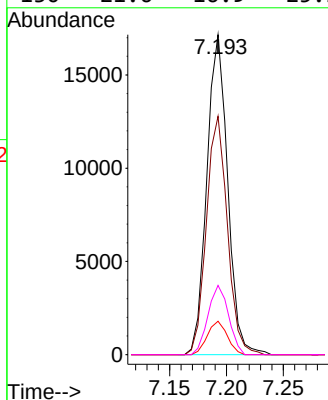
ClientSampleId :

SSTDICC005



Tgt Ion: 70 Resp: 21865

Ion	Ratio	Lower	Upper
70	100		
42	74.5	57.4	86.2
101	10.5	8.0	12.0
130	21.6	16.9	25.3



#20

3+4-Methylphenols

Concen: 5.258 ng

RT: 7.198 min Scan# 868

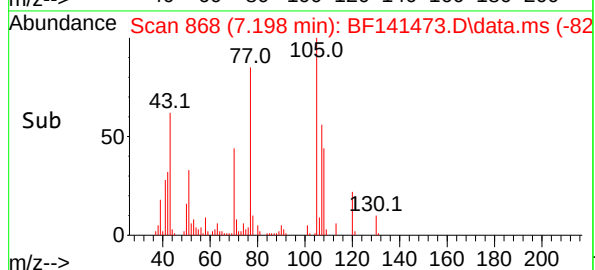
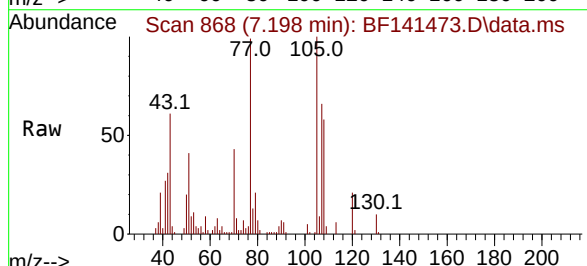
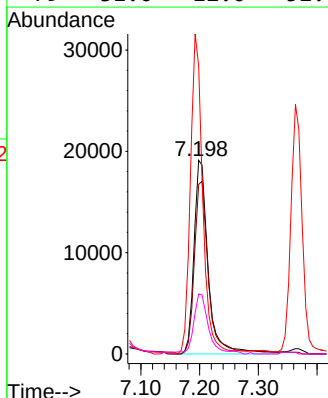
Delta R.T. -0.017 min

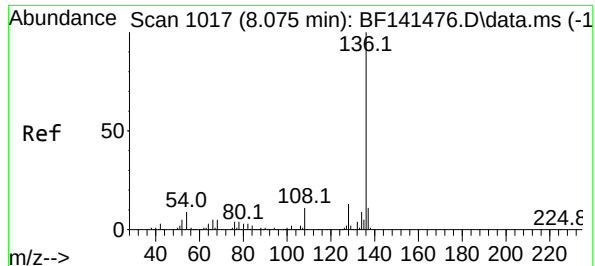
Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion: 107 Resp: 32221

Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.5	108.5
77	148.7	116.5	156.5
79	31.0	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 358966

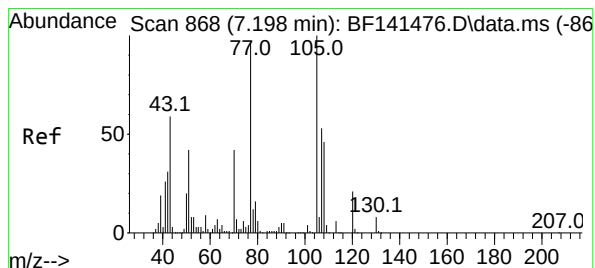
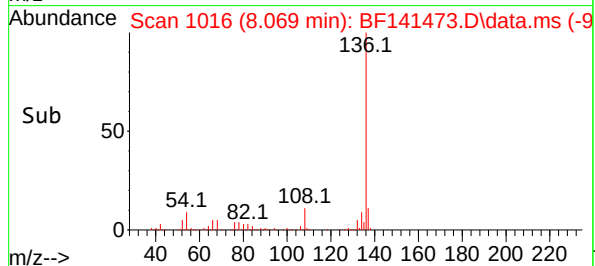
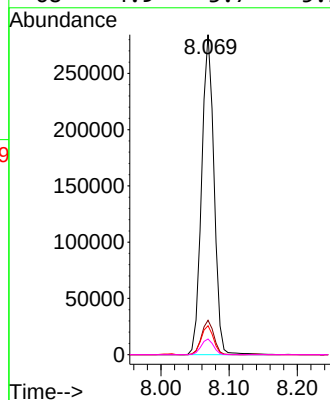
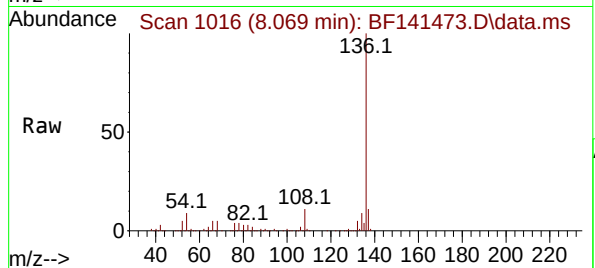
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.0 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 5.201 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion:105 Resp: 46441

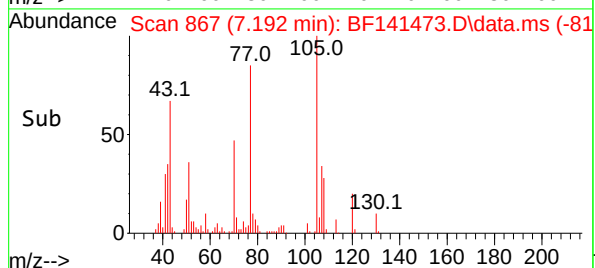
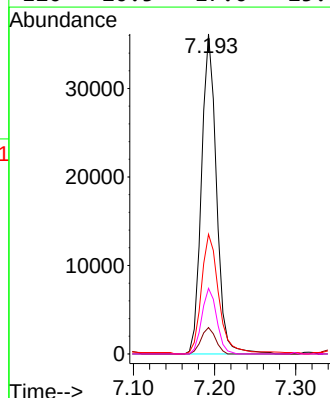
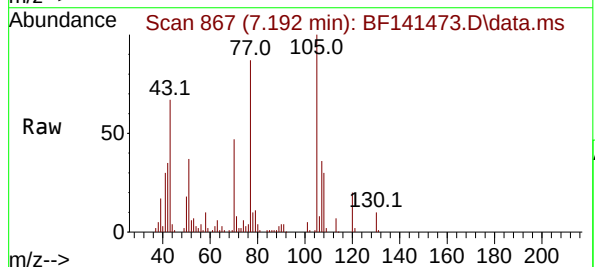
Ion Ratio Lower Upper

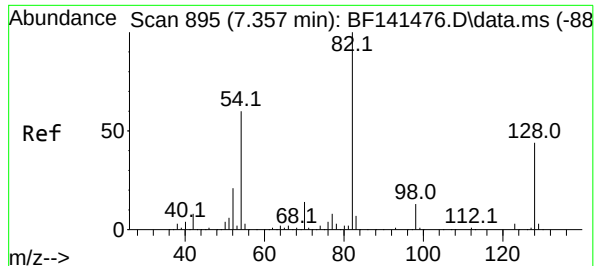
105 100

71 8.3 5.7 8.5

51 37.4 33.7 50.5

120 20.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 9.918 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

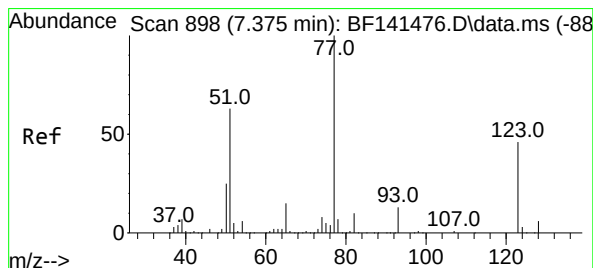
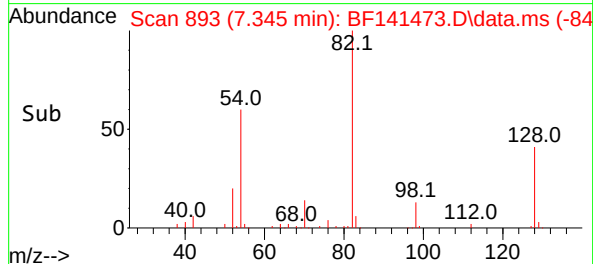
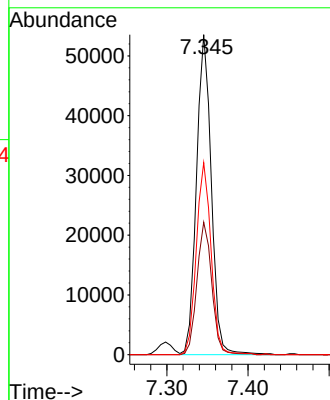
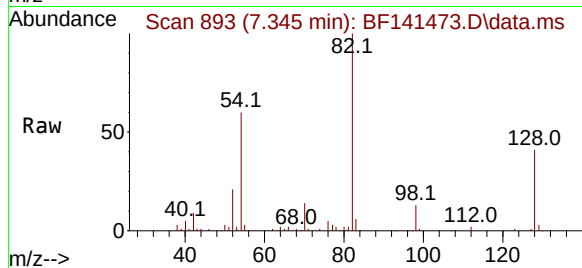
Tgt Ion: 82 Resp: 68257

Ion Ratio Lower Upper

82 100

128 41.4 34.8 52.2

54 60.0 48.2 72.4



#24

Nitrobenzene

Concen: 4.943 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

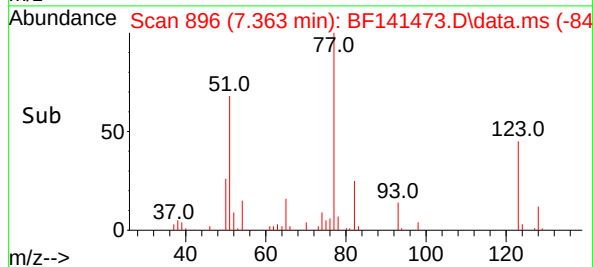
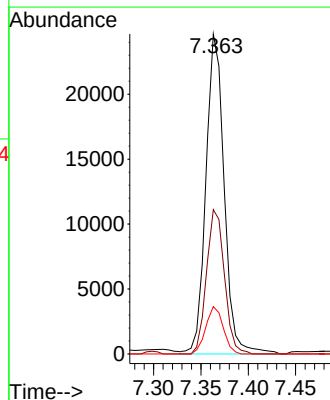
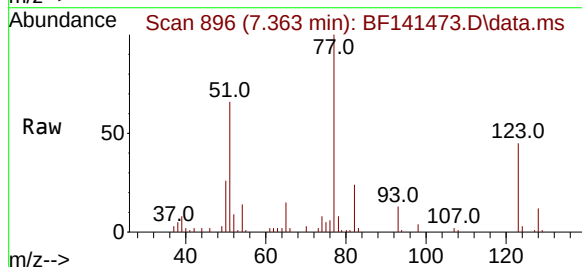
Tgt Ion: 77 Resp: 33173

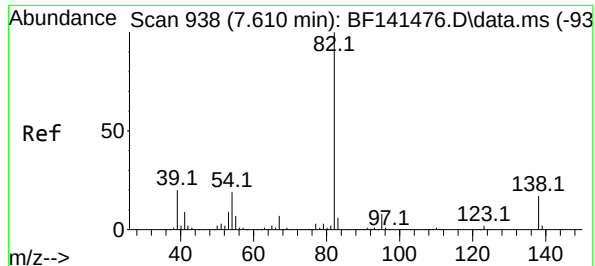
Ion Ratio Lower Upper

77 100

123 45.1 36.9 55.3

65 14.8 11.9 17.9

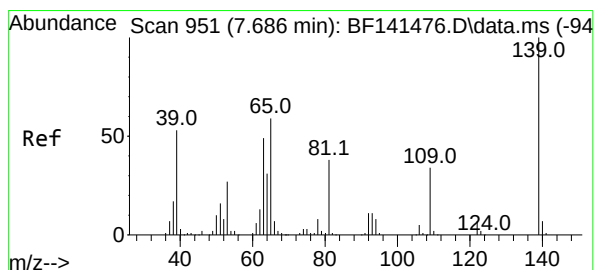
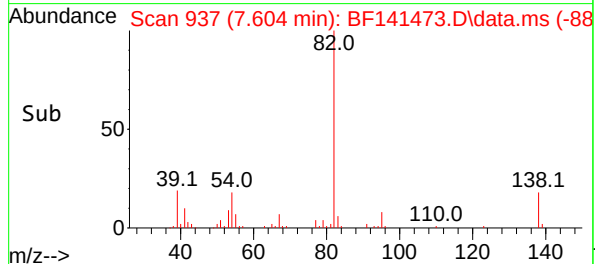
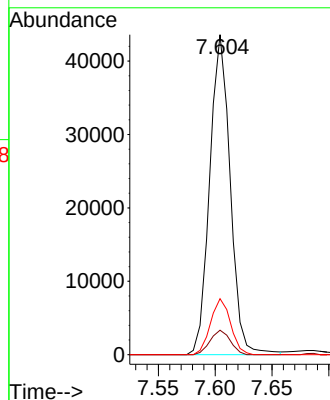
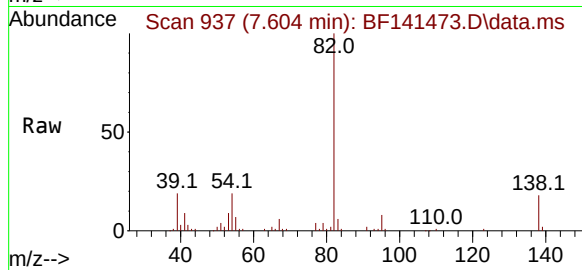




#25
Isophorone
Concen: 4.993 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

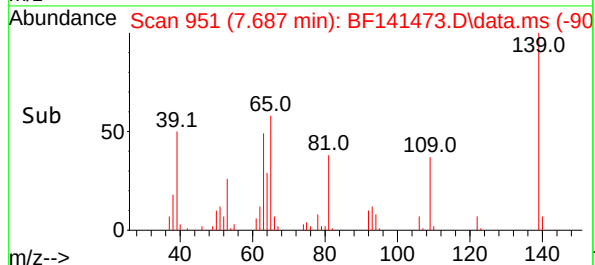
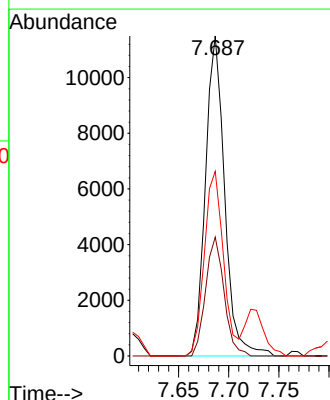
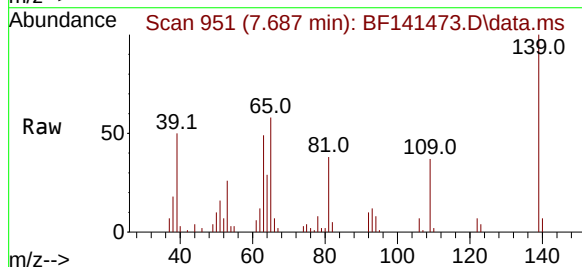
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

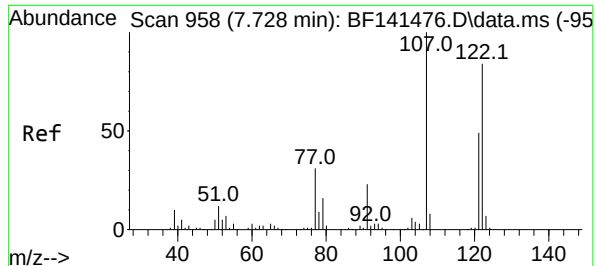
Tgt Ion:	82	Resp:	54796
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.4	9.6
138	17.5	13.9	20.9



#26
2-Nitrophenol
Concen: 4.592 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:	139	Resp:	15331
Ion	Ratio	Lower	Upper
139	100		
109	37.1	27.0	40.6
65	57.7	47.1	70.7





#27

2,4-Dimethylphenol

Concen: 4.784 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

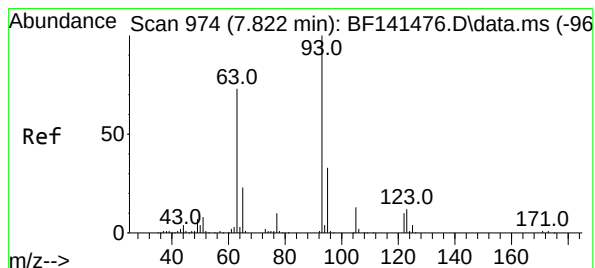
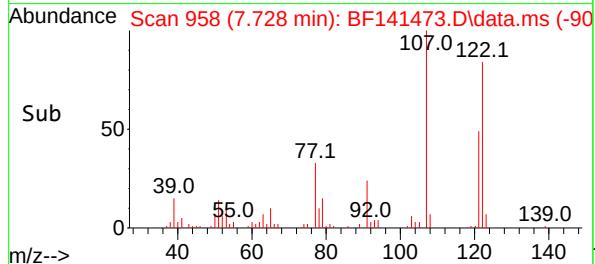
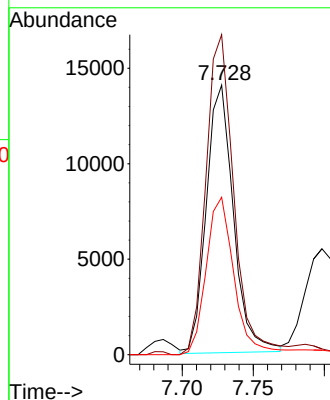
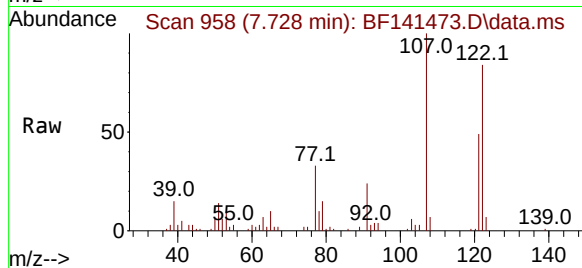
Tgt Ion:122 Resp: 18659

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 4.902 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

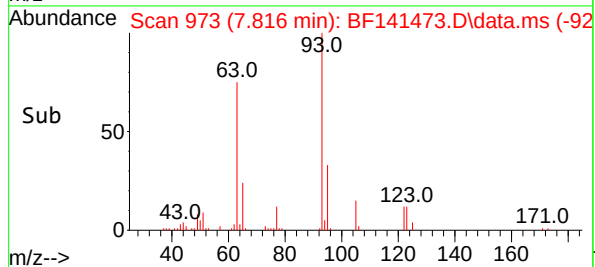
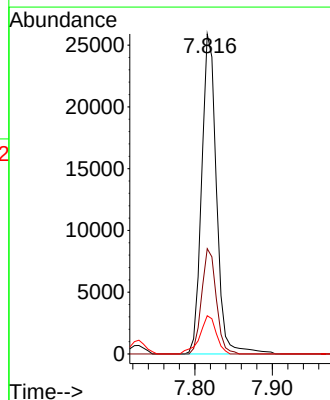
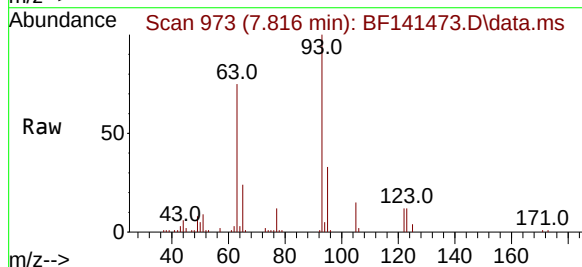
Tgt Ion: 93 Resp: 34469

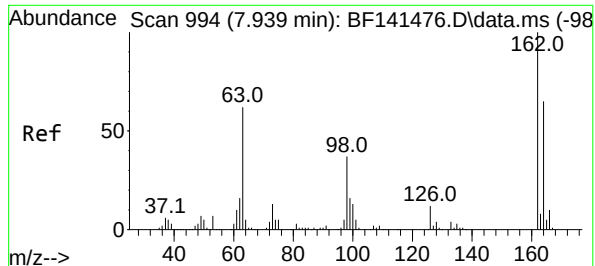
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 4.870 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

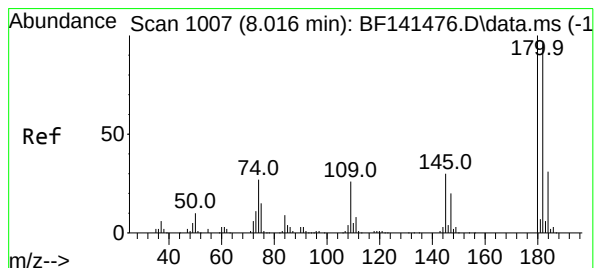
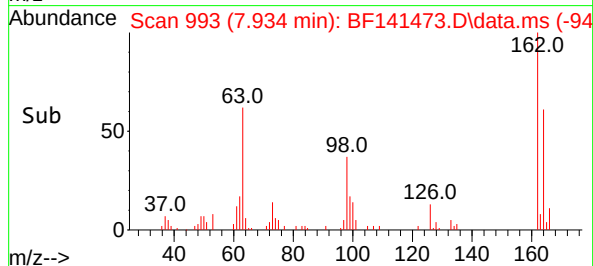
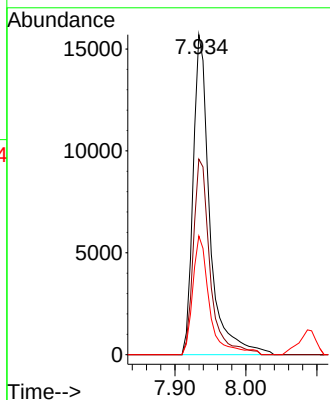
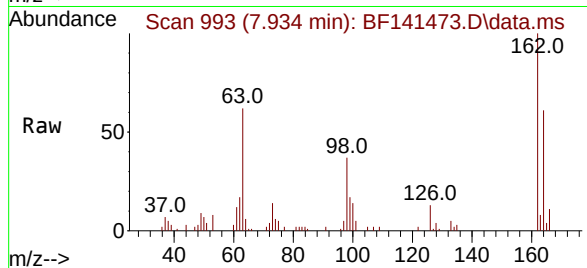
Tgt Ion:162 Resp: 25667

Ion Ratio Lower Upper

162 100

164 61.1 44.6 84.6

98 37.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 5.109 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

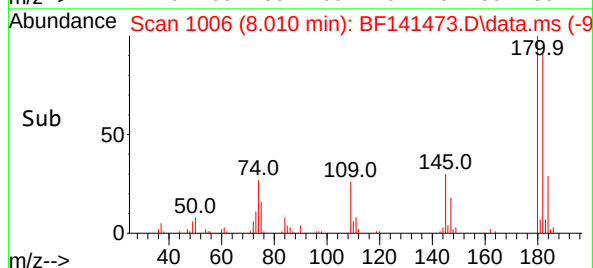
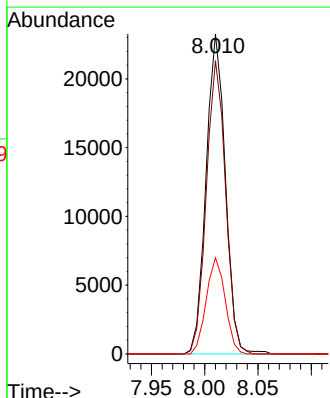
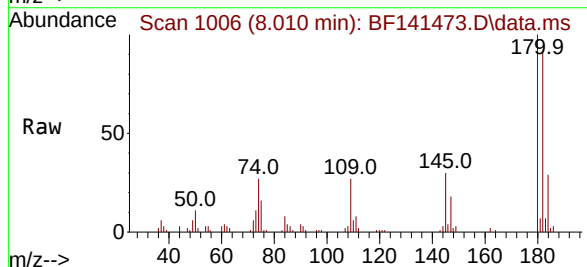
Tgt Ion:180 Resp: 29321

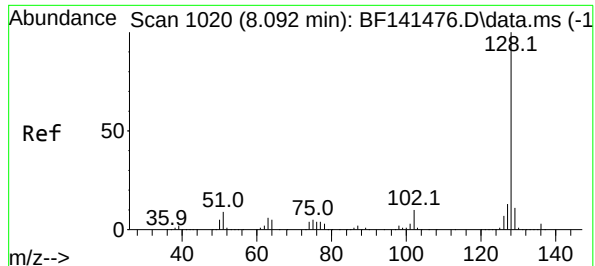
Ion Ratio Lower Upper

180 100

182 91.6 76.8 115.2

145 30.0 24.2 36.4





#31

Naphthalene

Concen: 5.123 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

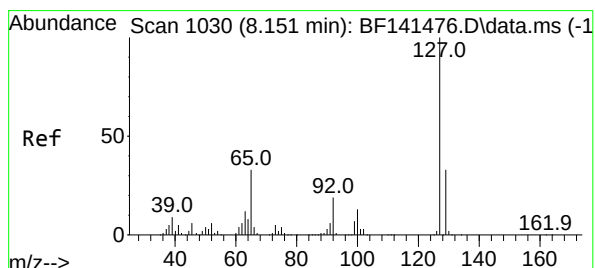
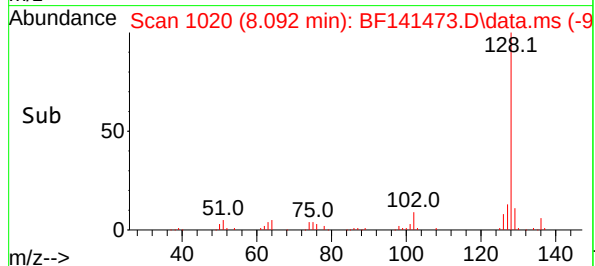
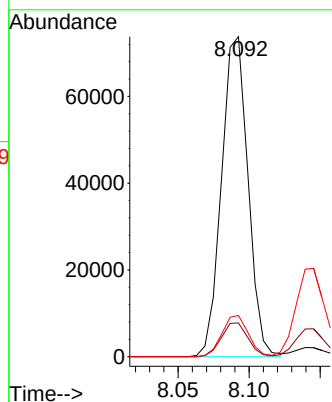
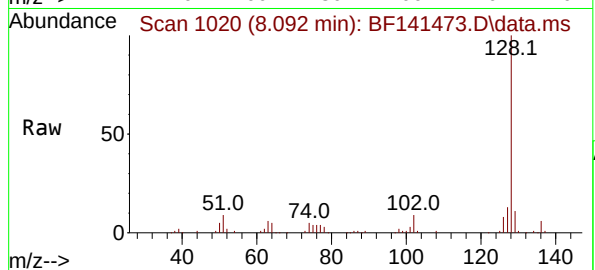
Tgt Ion:128 Resp: 95730

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.9 10.7 16.1



#33

4-Chloroaniline

Concen: 4.864 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion:127 Resp: 31729

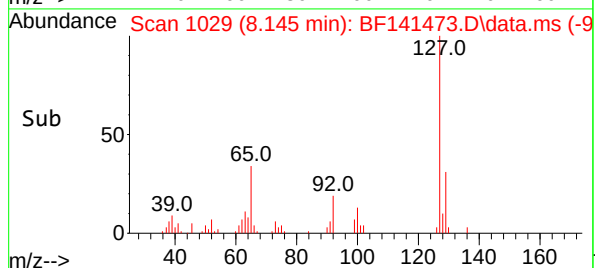
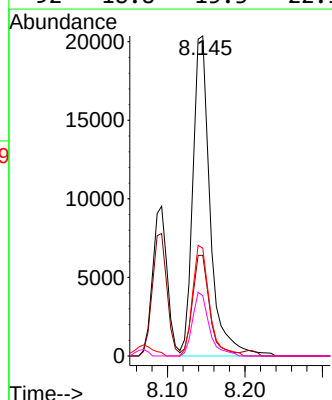
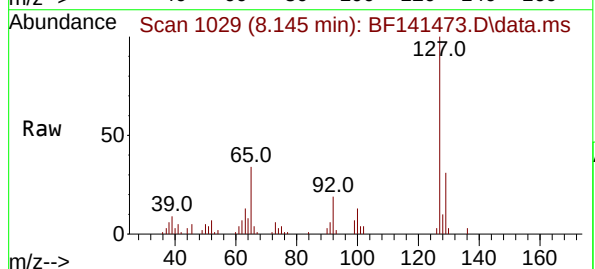
Ion Ratio Lower Upper

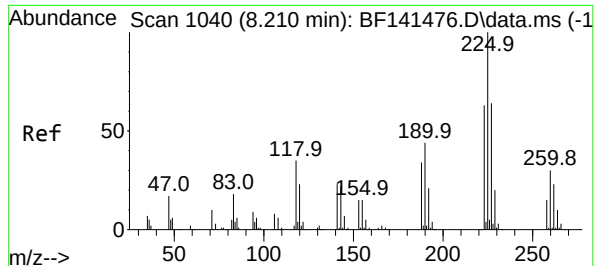
127 100

129 31.4 26.5 39.7

65 33.7 26.4 39.6

92 18.8 15.3 22.9

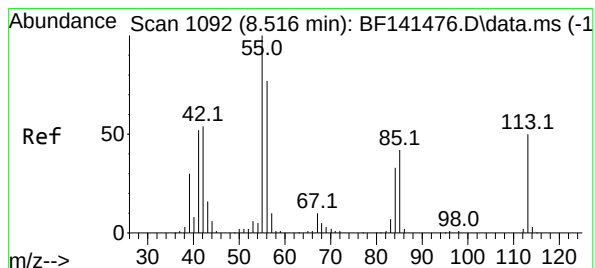
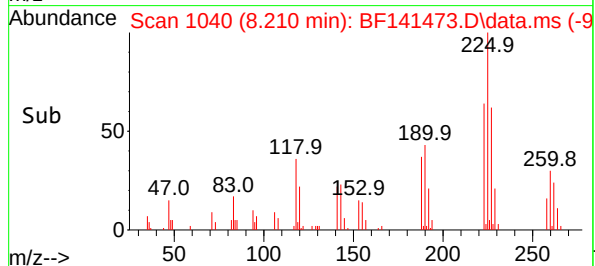
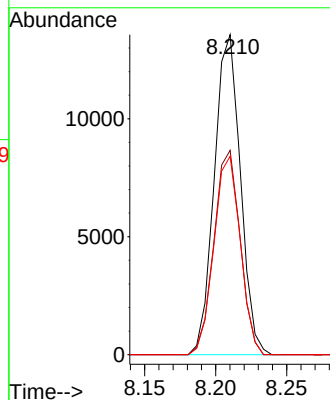
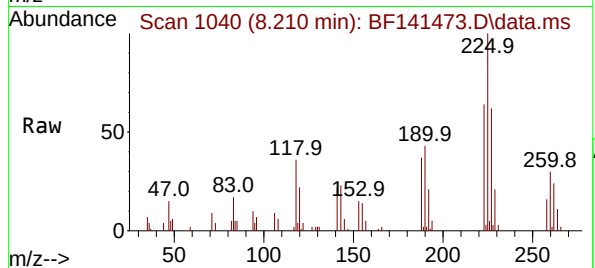




#34
Hexachlorobutadiene
Concen: 5.028 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

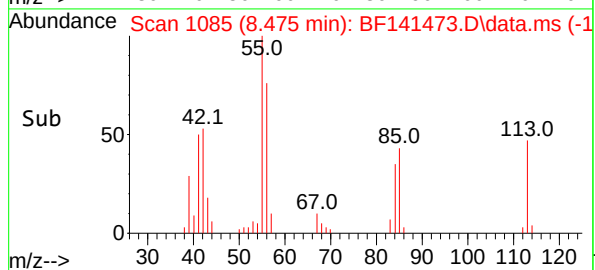
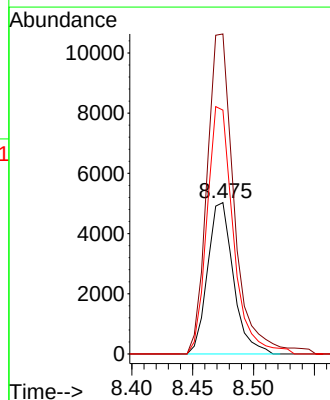
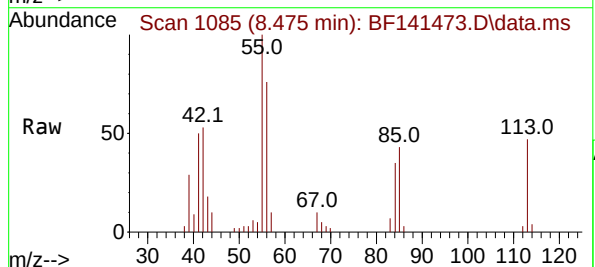
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

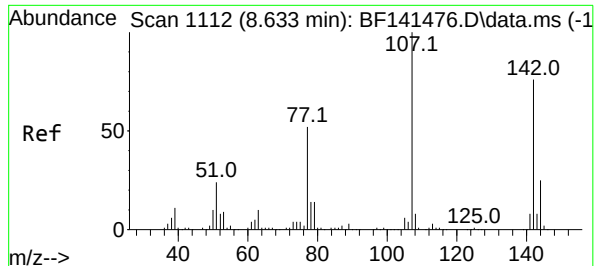
Tgt Ion:225 Resp: 17323
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 62.0 51.0 76.6



#35
Caprolactam
Concen: 4.635 ng
RT: 8.475 min Scan# 1085
Delta R.T. -0.070 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:113 Resp: 7437
Ion Ratio Lower Upper
113 100
55 211.4 180.8 220.8
56 161.1 133.6 173.6





#36

4-Chloro-3-methylphenol

Concen: 4.765 ng

RT: 8.628 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

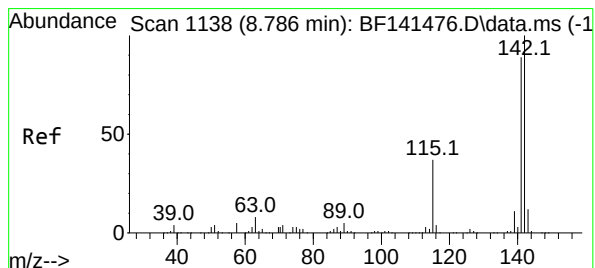
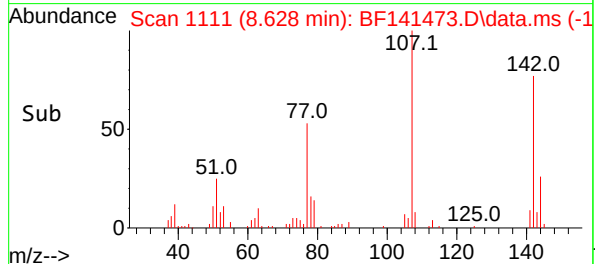
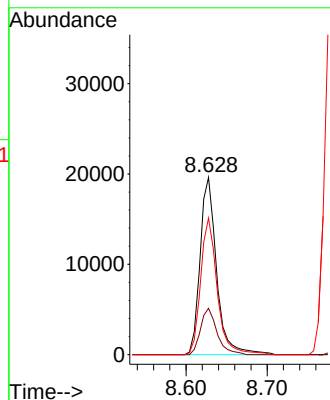
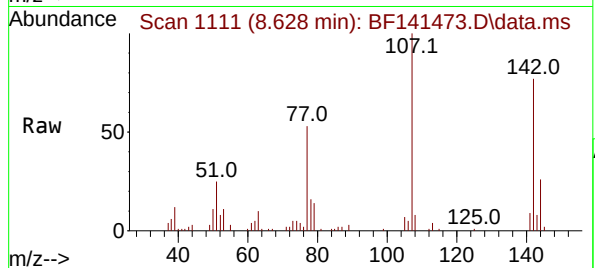
Tgt Ion:107 Resp: 27818

Ion Ratio Lower Upper

107 100

144 26.2 19.7 29.5

142 77.1 60.8 91.2



#37

2-Methylnaphthalene

Concen: 5.078 ng

RT: 8.781 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF141473.D

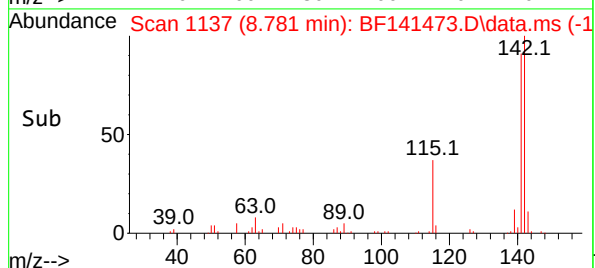
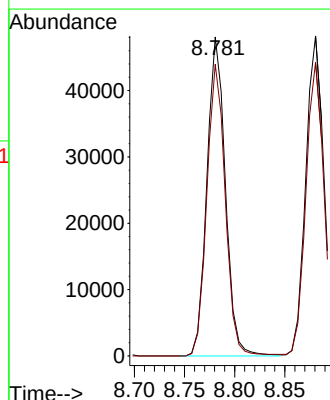
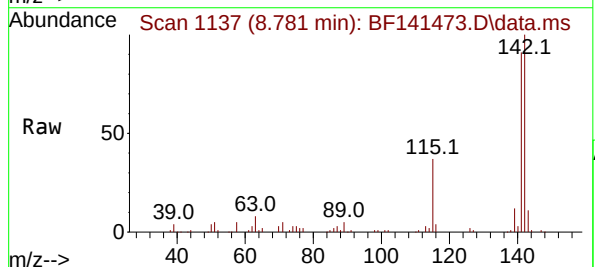
Acq: 06 Feb 2025 11:34

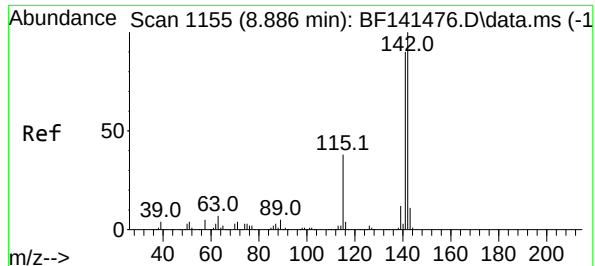
Tgt Ion:142 Resp: 61742

Ion Ratio Lower Upper

142 100

141 91.4 71.2 106.8





#38

1-Methylnaphthalene

Concen: 5.182 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

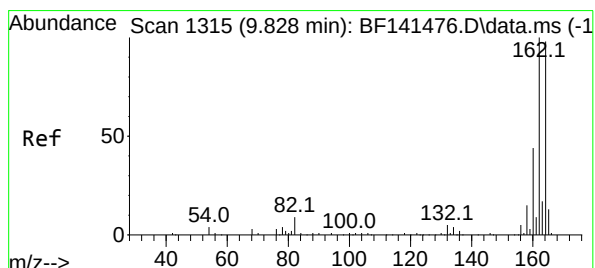
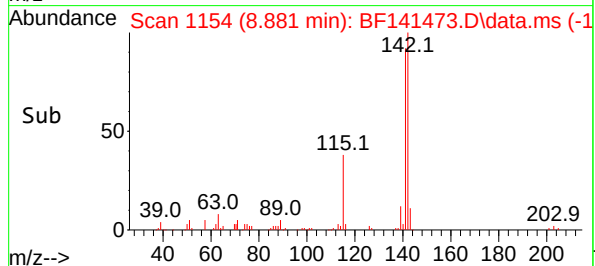
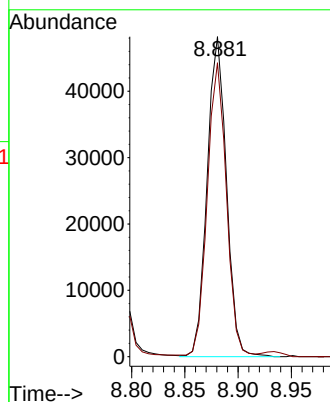
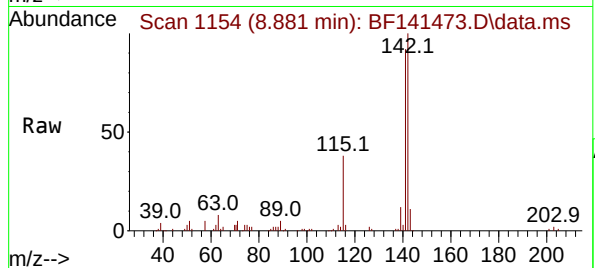
SSTDICC005

Tgt Ion:142 Resp: 61026

Ion Ratio Lower Upper

142 100

141 91.9 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

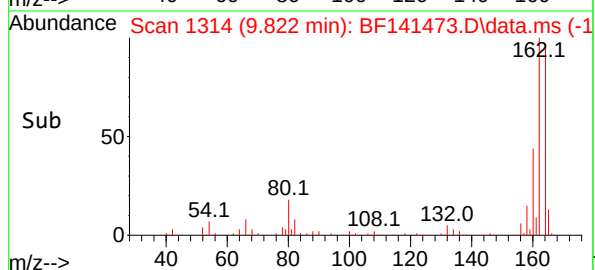
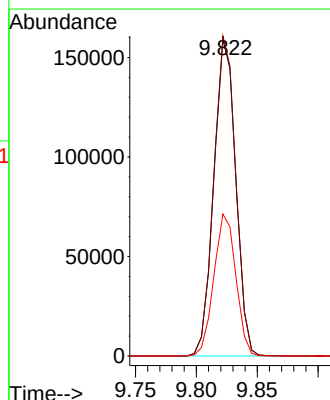
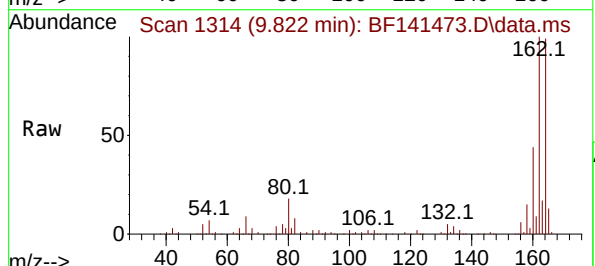
Tgt Ion:164 Resp: 199514

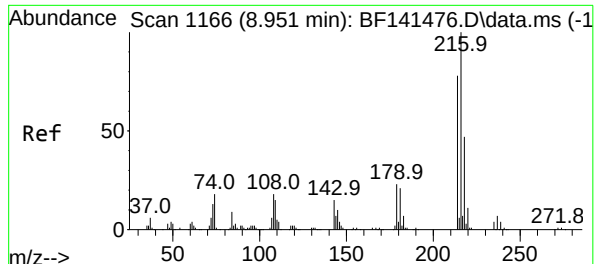
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 44.9 35.9 53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.028 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 29023

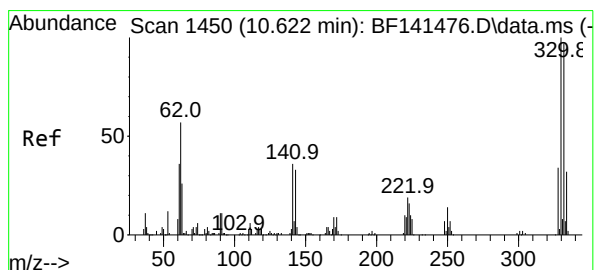
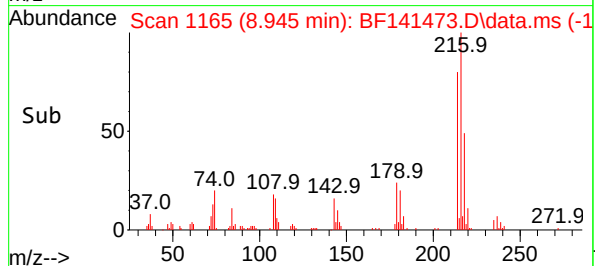
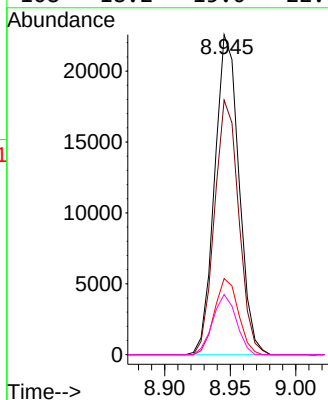
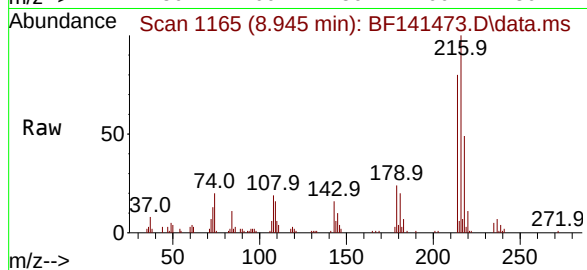
Ion Ratio Lower Upper

216 100

214 79.2 62.3 93.5

179 23.4 18.0 27.0

108 18.2 15.0 22.6



#42

2,4,6-Tribromophenol

Concen: 10.009 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

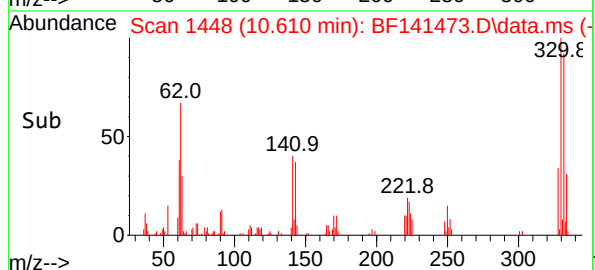
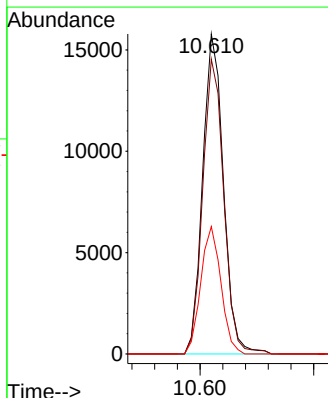
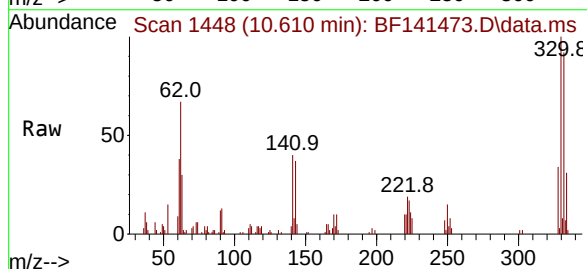
Tgt Ion:330 Resp: 20060

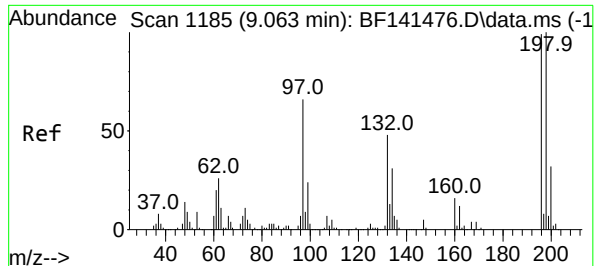
Ion Ratio Lower Upper

330 100

332 92.9 78.5 117.7

141 38.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 4.863 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141473.D

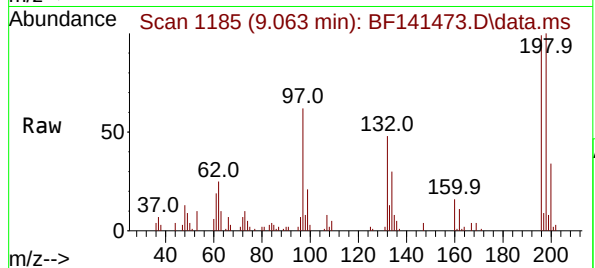
Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



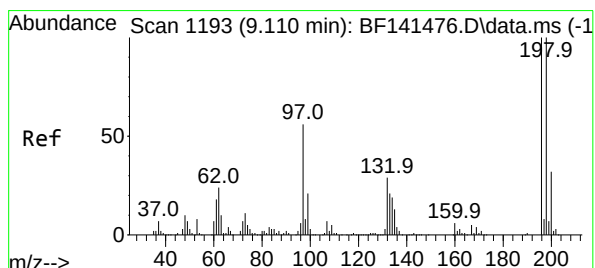
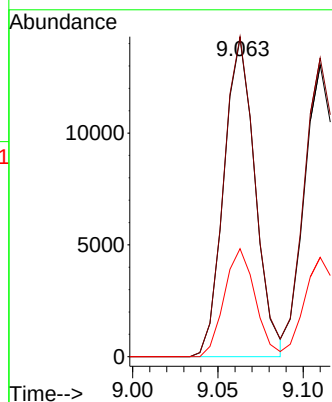
Tgt Ion:196 Resp: 18144

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 34.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 4.750 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Tgt Ion:196 Resp: 19204

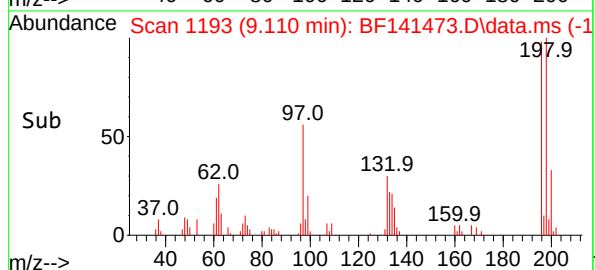
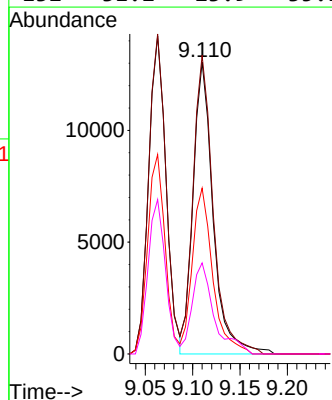
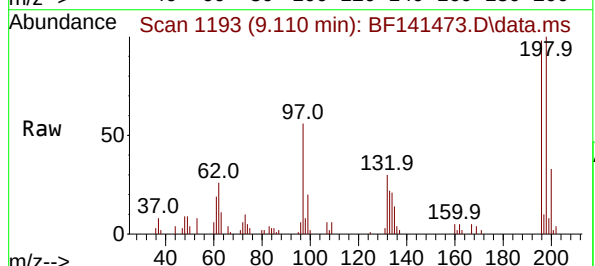
Ion Ratio Lower Upper

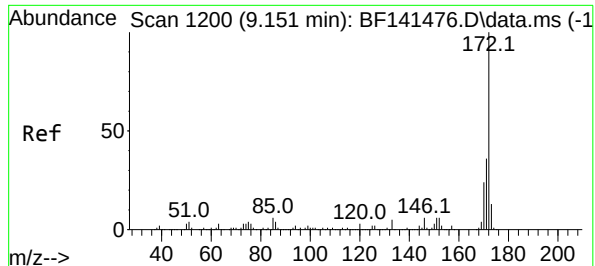
196 100

198 102.3 79.8 119.8

97 56.8 44.8 67.2

132 31.2 23.9 35.9

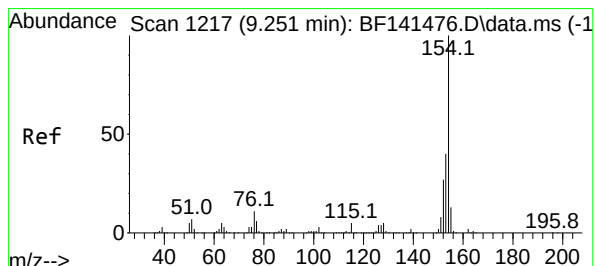
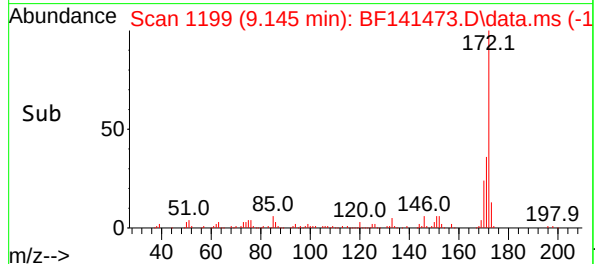
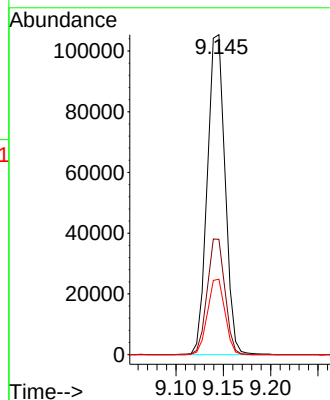
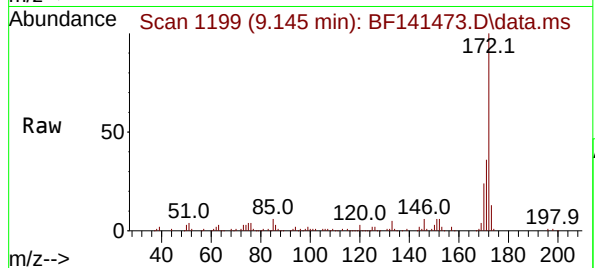




#45
2-Fluorobiphenyl
Concen: 10.573 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

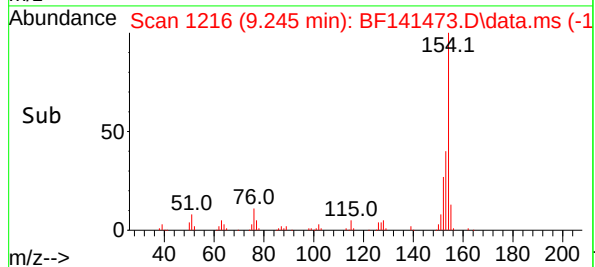
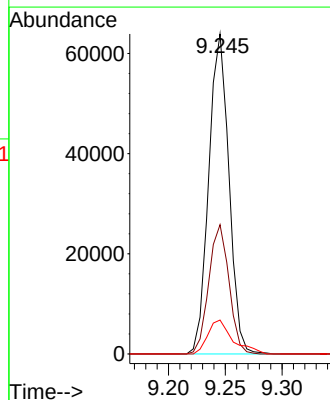
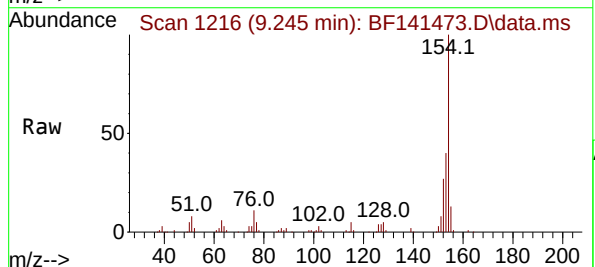
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

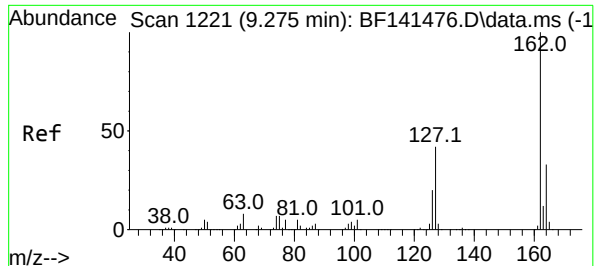
Tgt Ion:172 Resp: 136925
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 5.103 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:154 Resp: 78931
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 5.088 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141473.D

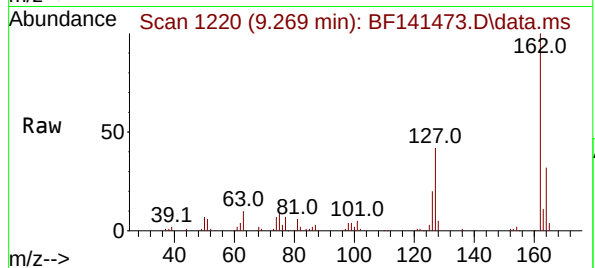
Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



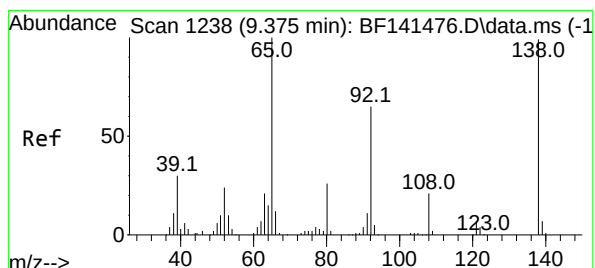
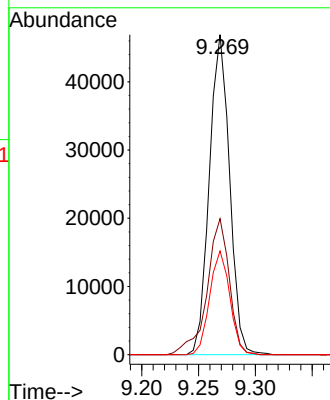
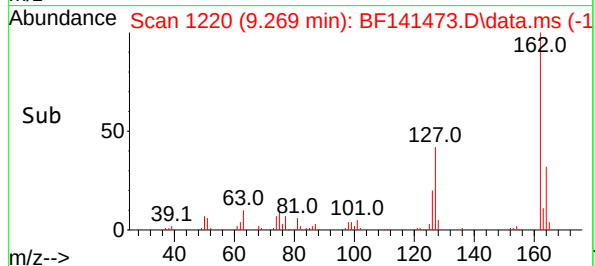
Tgt Ion:162 Resp: 58201

Ion Ratio Lower Upper

162 100

127 42.5 34.1 51.1

164 32.4 26.3 39.5



#48

2-Nitroaniline

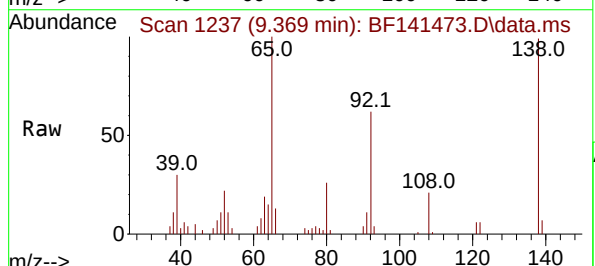
Concen: 4.818 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34



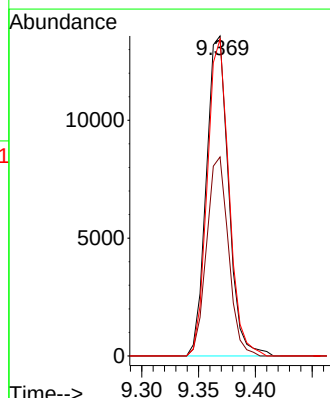
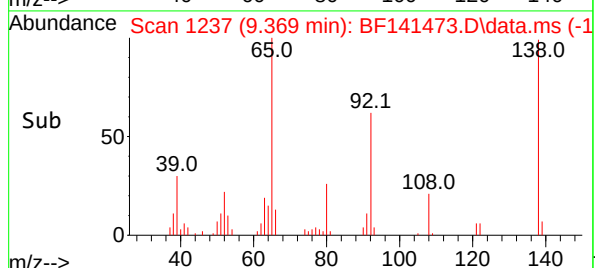
Tgt Ion: 65 Resp: 18494

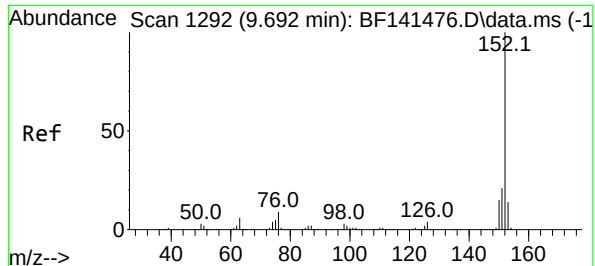
Ion Ratio Lower Upper

65 100

92 62.2 52.2 78.2

138 99.0 79.5 119.3





#49

Acenaphthylene

Concen: 5.097 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

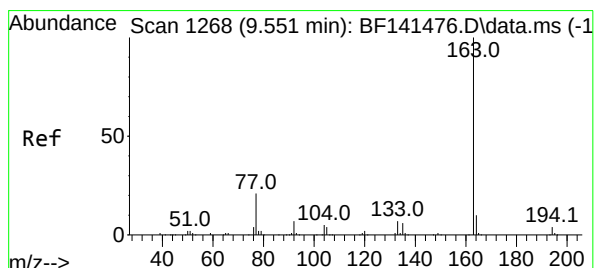
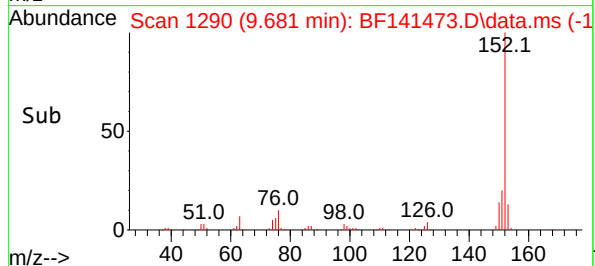
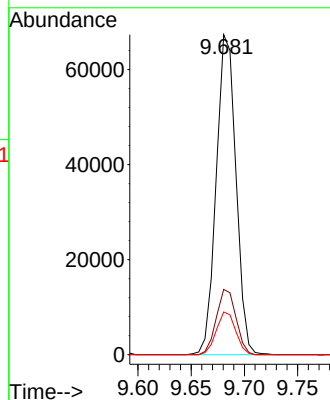
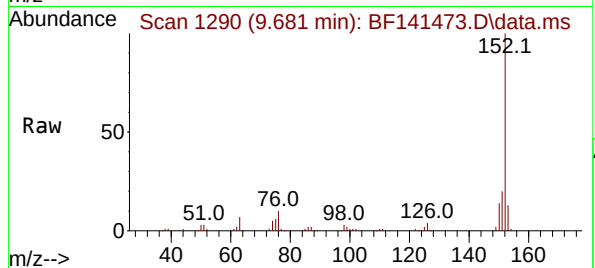
Tgt Ion:152 Resp: 86721

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.4 10.9 16.3



#50

Dimethylphthalate

Concen: 5.088 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

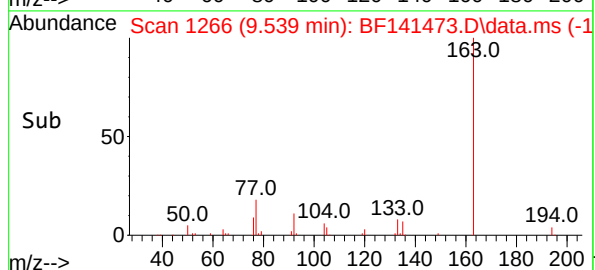
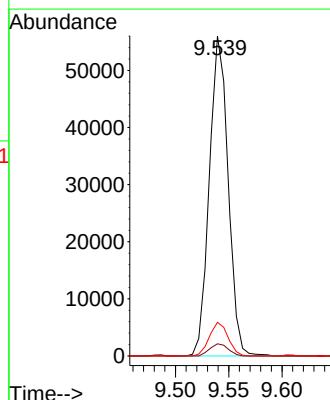
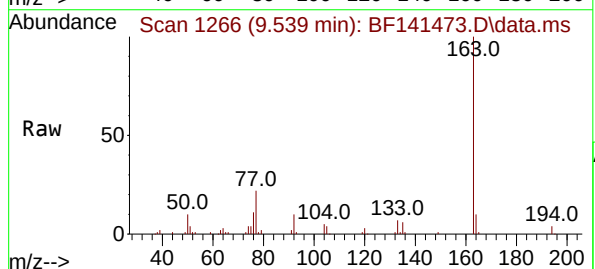
Tgt Ion:163 Resp: 68921

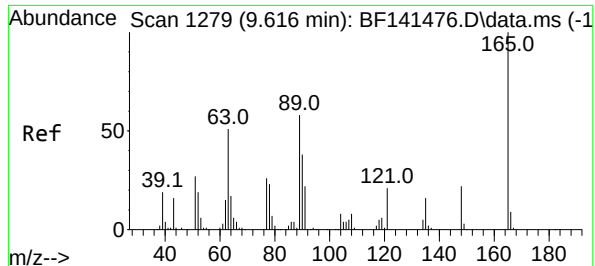
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.5 7.9 11.9

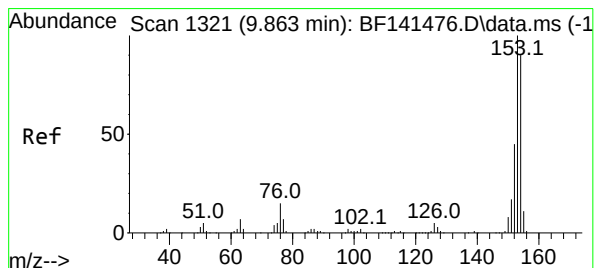
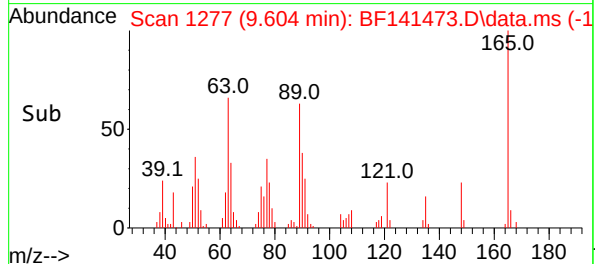
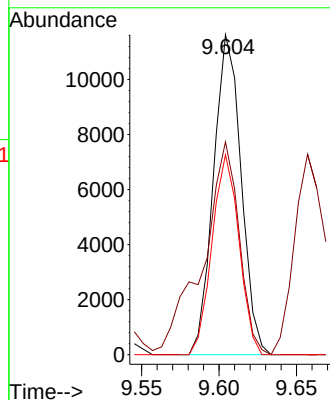
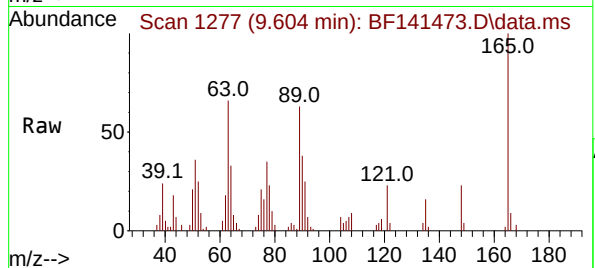




#51
2,6-Dinitrotoluene
Concen: 4.861 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

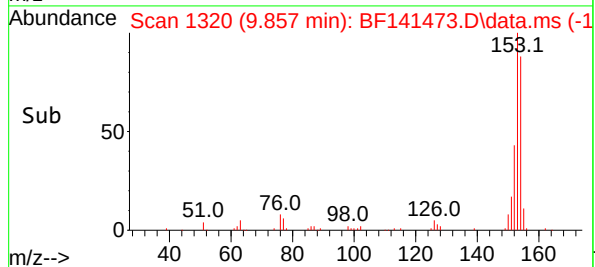
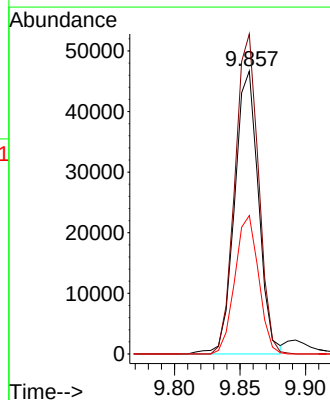
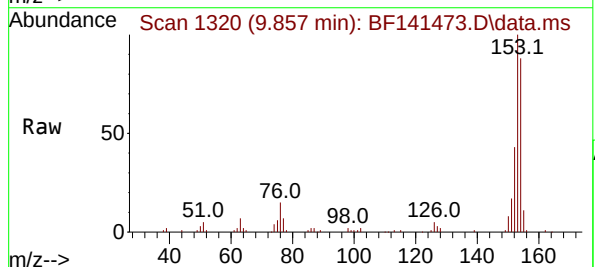
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

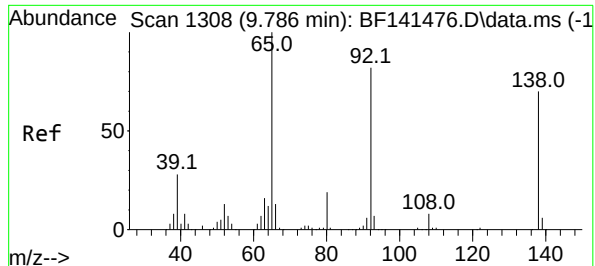
Tgt Ion:165 Resp: 14394
Ion Ratio Lower Upper
165 100
63 66.5 49.4 74.0
89 62.5 46.5 69.7



#52
Acenaphthene
Concen: 5.171 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:154 Resp: 59139
Ion Ratio Lower Upper
154 100
153 113.1 89.2 133.8
152 48.9 39.8 59.8

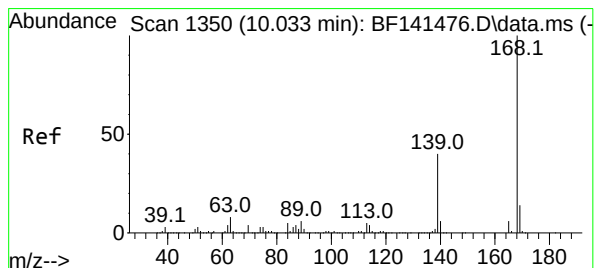
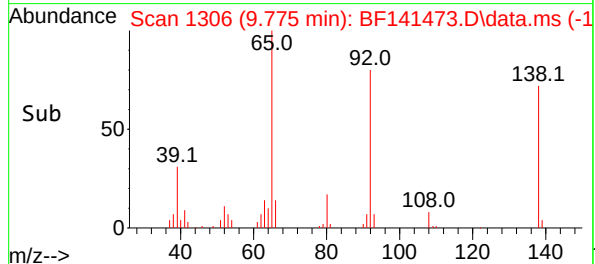
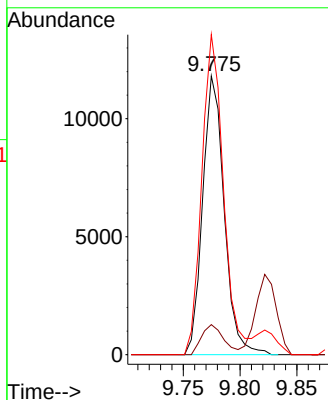
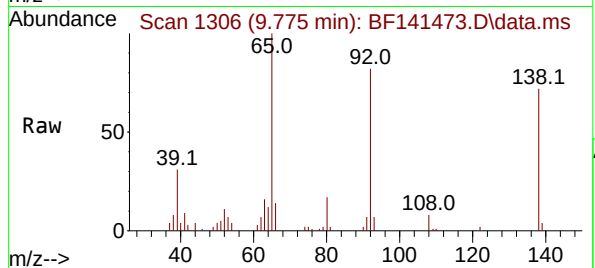




#53
3-Nitroaniline
Concen: 4.884 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

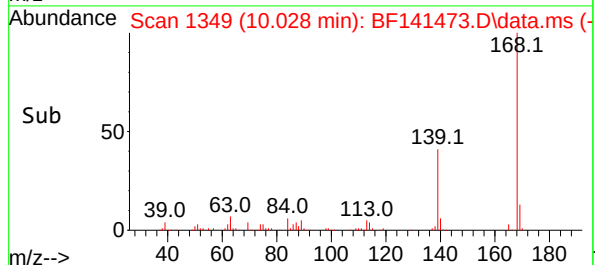
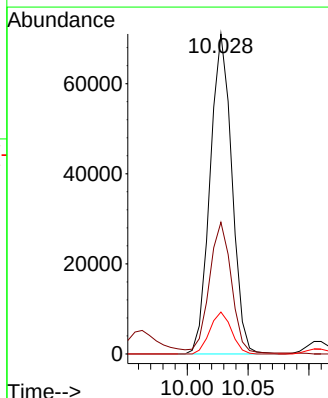
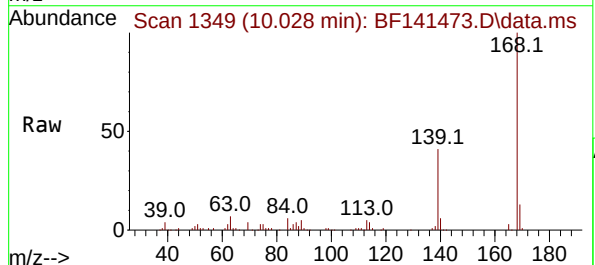
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

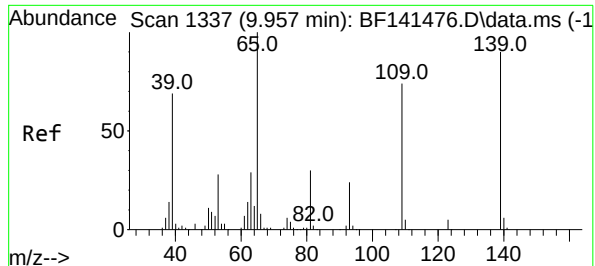
Tgt Ion:138 Resp: 15563
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 114.8 93.7 140.5



#55
Dibenzofuran
Concen: 5.252 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.011 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:168 Resp: 88178
Ion Ratio Lower Upper
168 100
139 41.2 32.7 49.1
169 13.1 10.8 16.2

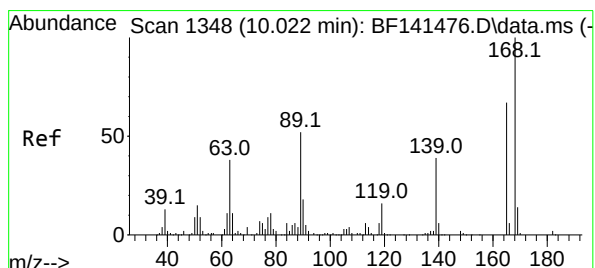
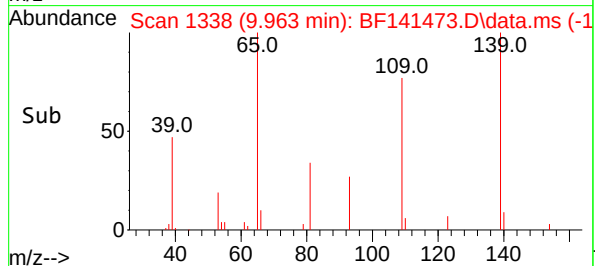
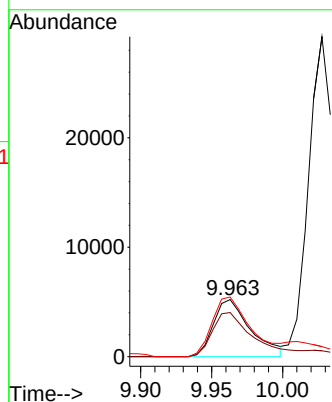
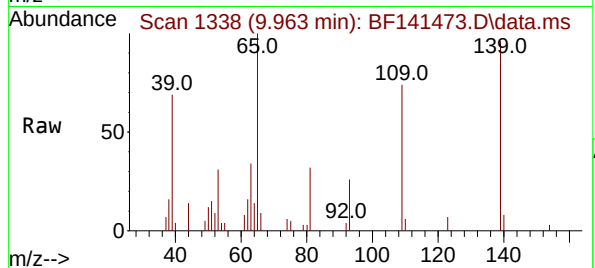




#56
4-Nitrophenol
Concen: 4.008 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

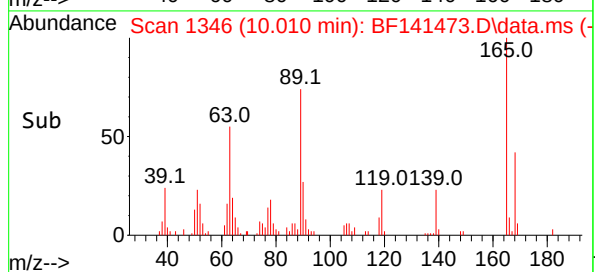
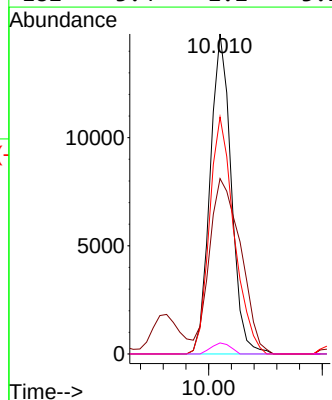
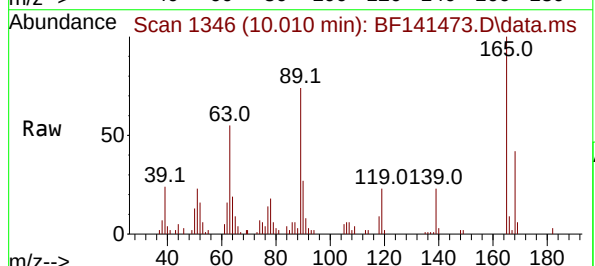
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

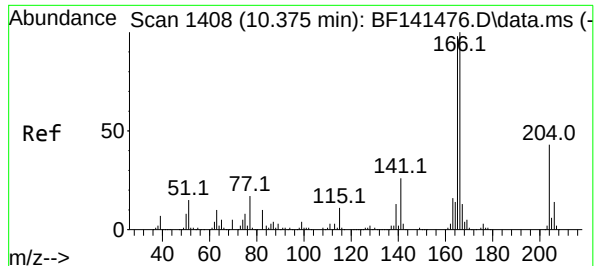
Tgt Ion:139 Resp: 9482
Ion Ratio Lower Upper
139 100
109 77.2 62.0 102.0
65 104.4 91.2 131.2



#57
2,4-Dinitrotoluene
Concen: 4.842 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:165 Resp: 19087
Ion Ratio Lower Upper
165 100
63 54.8 46.4 69.6
89 74.0 61.8 92.6
182 3.4 2.2 3.2#

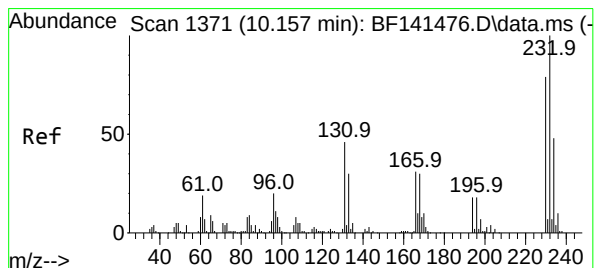
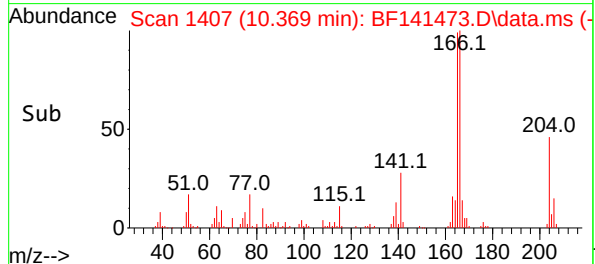
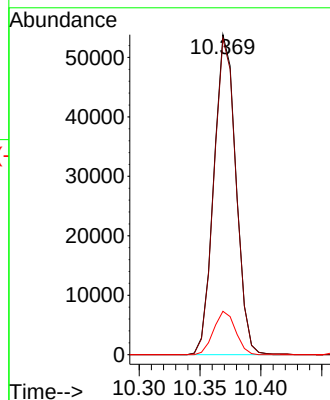
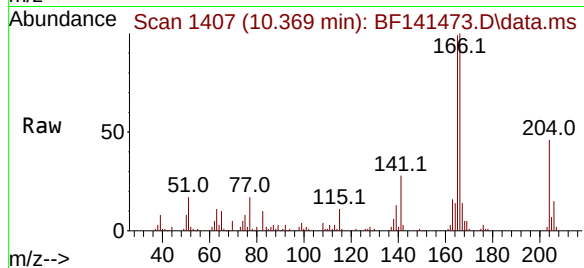




#58
Fluorene
Concen: 5.220 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

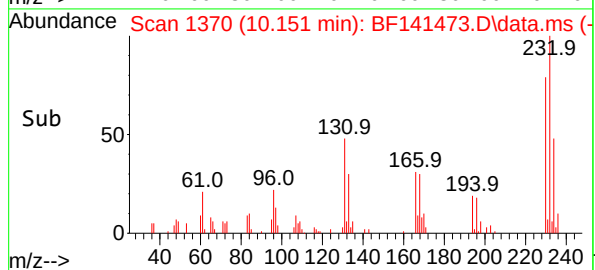
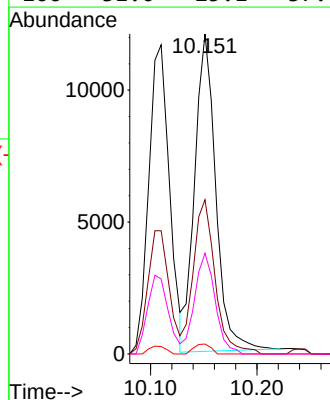
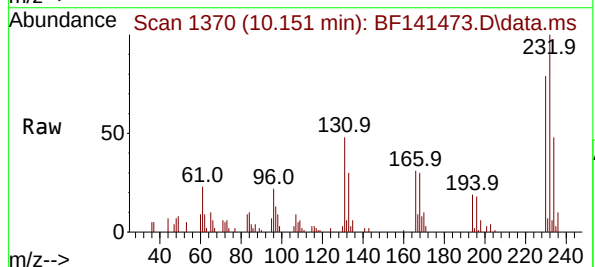
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

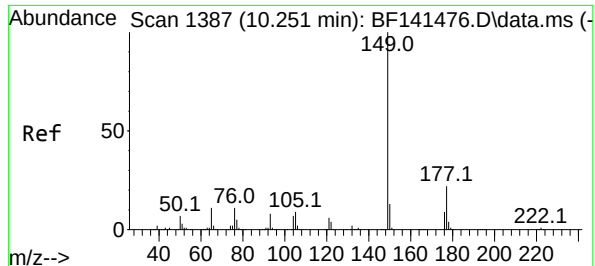
Tgt Ion:166 Resp: 67764
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 13.5 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.760 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:232 Resp: 16570
Ion Ratio Lower Upper
232 100
131 50.2 39.2 58.8
130 2.5 2.1 3.1
166 31.0 25.1 37.7

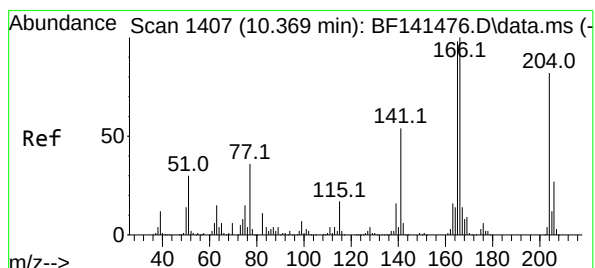
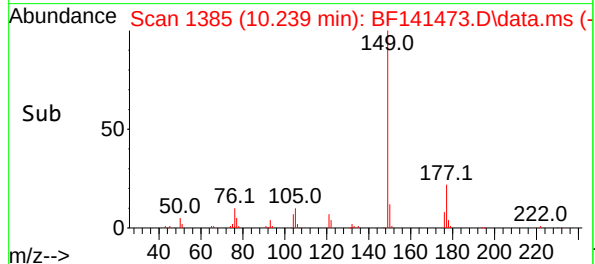
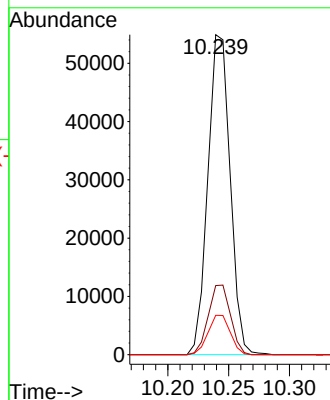
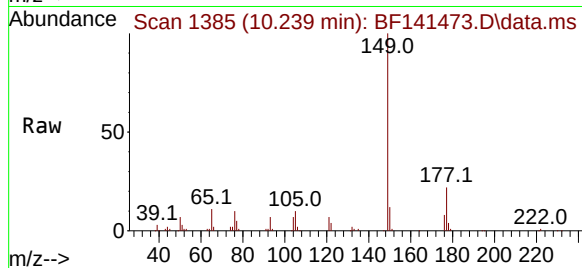




#60
Diethylphthalate
Concen: 5.241 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

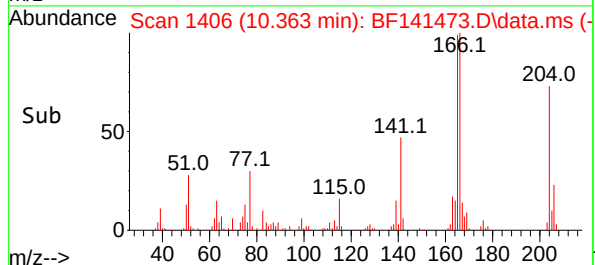
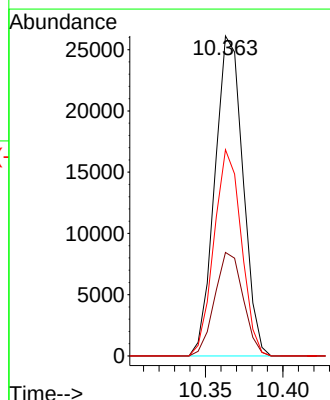
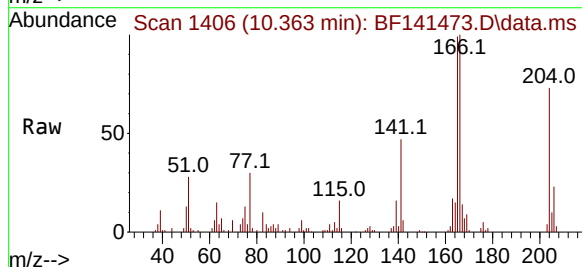
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

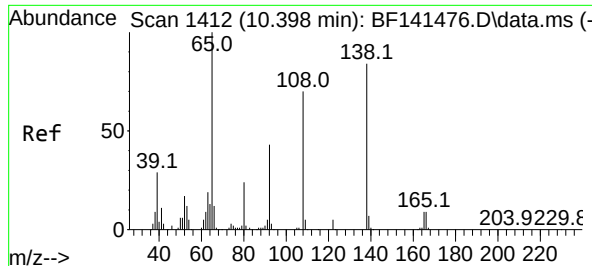
Tgt Ion:149 Resp: 69845
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.3 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 5.277 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:204 Resp: 32951
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.4 51.9 77.9

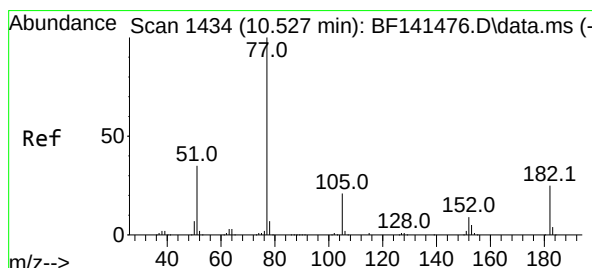
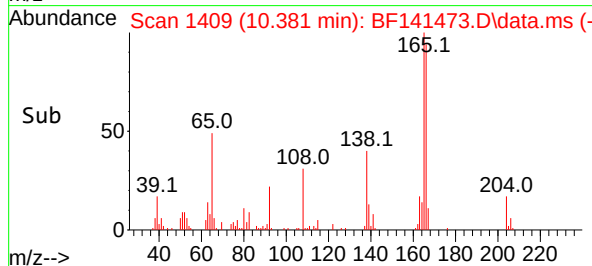
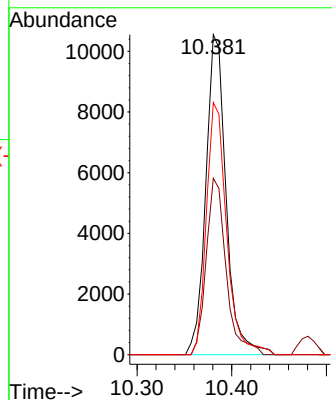
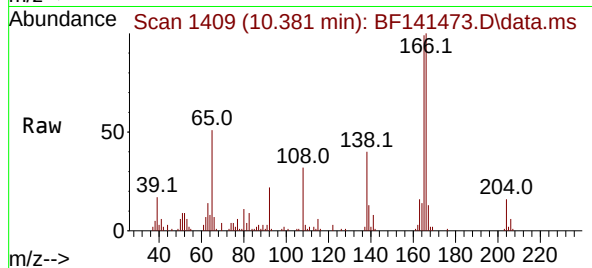




#62
4-Nitroaniline
Concen: 4.855 ng
RT: 10.381 min Scan# 1412
Delta R.T. -0.035 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

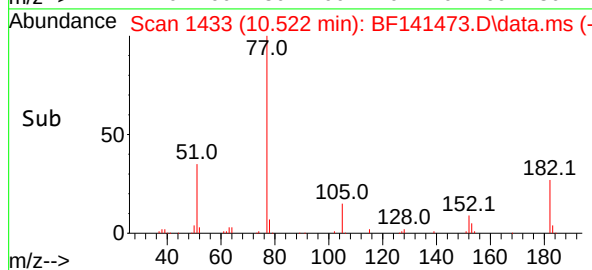
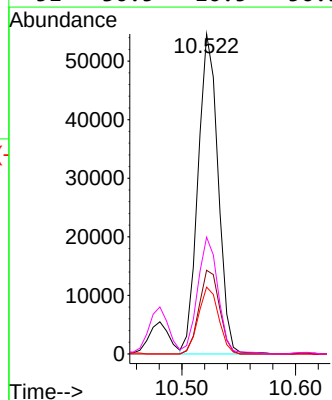
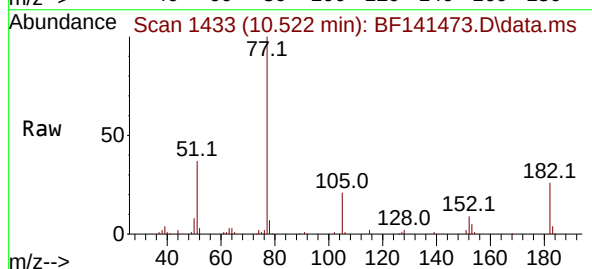
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

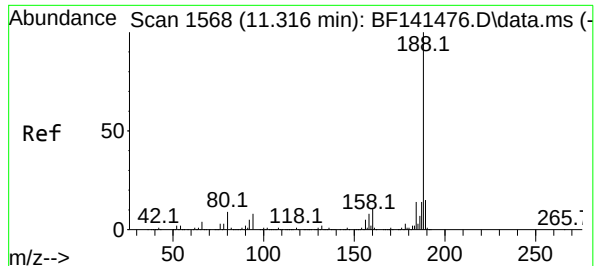
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	31.3	71.3
108	78.8	63.7	103.7



#63
Azobenzene
Concen: 5.077 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.7	44.7
105	20.9	0.4	40.4
51	36.5	16.5	56.5

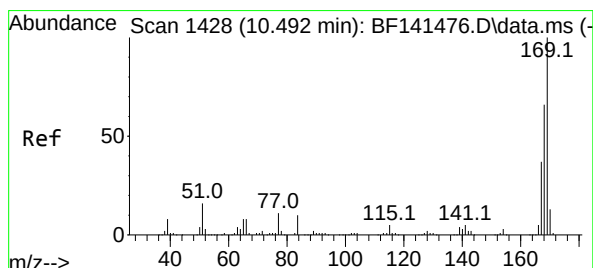
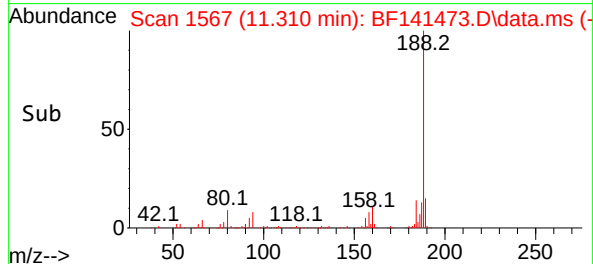
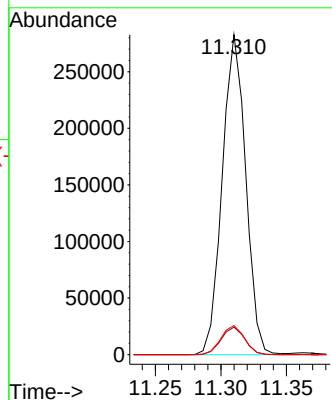
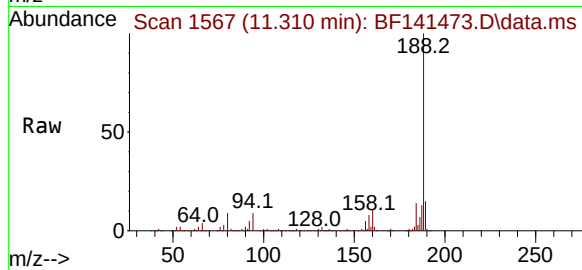




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

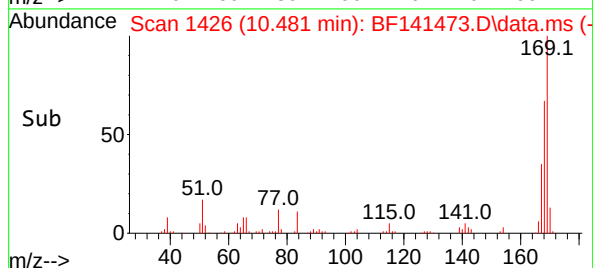
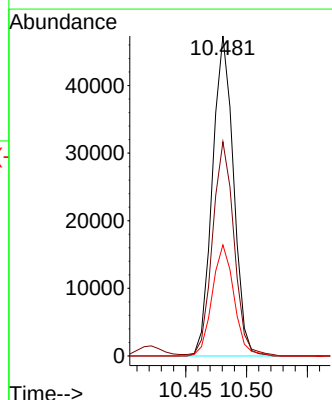
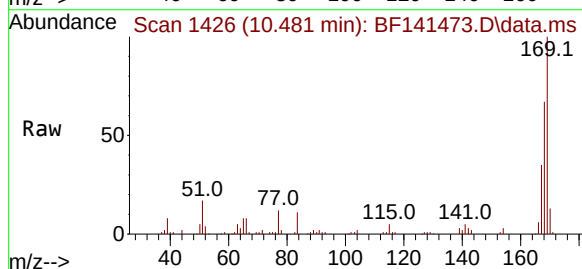
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

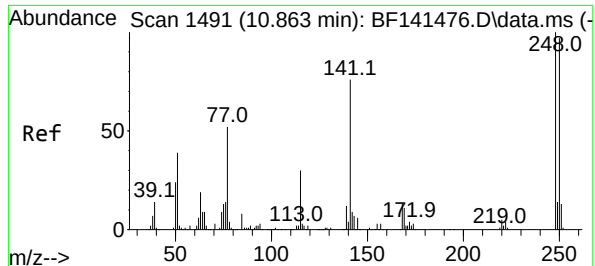
Tgt Ion:188 Resp: 351213
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.1 7.3 10.9



#66
n-Nitrosodiphenylamine
Concen: 5.076 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:169 Resp: 57063
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 34.7 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 5.098 ng

RT: 10.857 min Scan# 1490

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

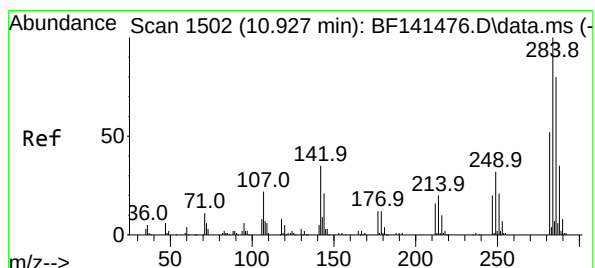
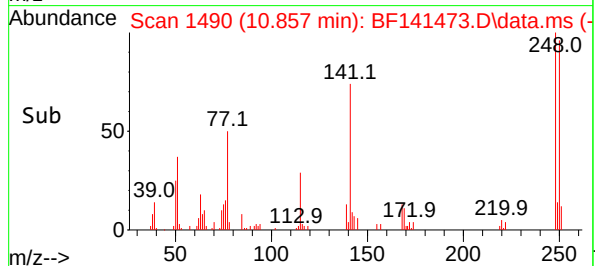
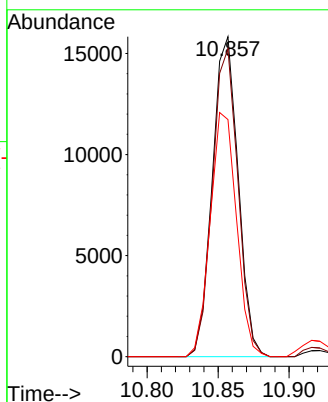
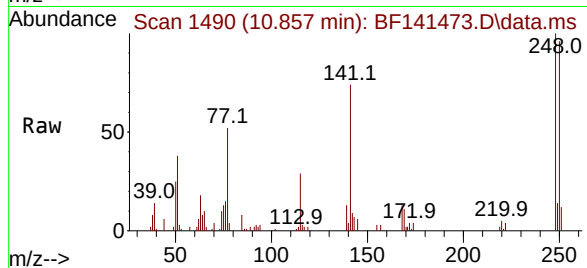
Tgt Ion:248 Resp: 20012

Ion Ratio Lower Upper

248 100

250 96.2 77.8 116.6

141 74.1 60.6 90.8



#68

Hexachlorobenzene

Concen: 4.982 ng

RT: 10.922 min Scan# 1501

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

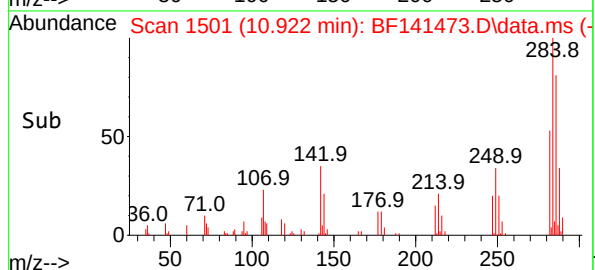
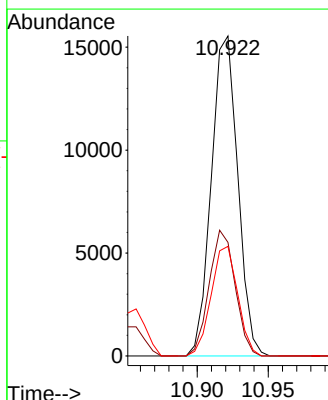
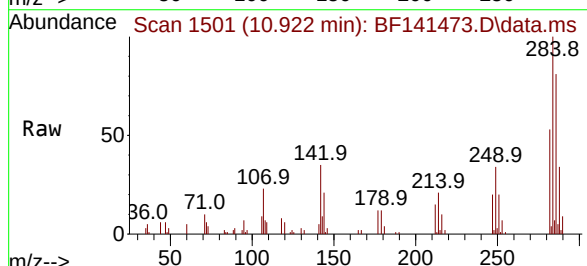
Tgt Ion:284 Resp: 20138

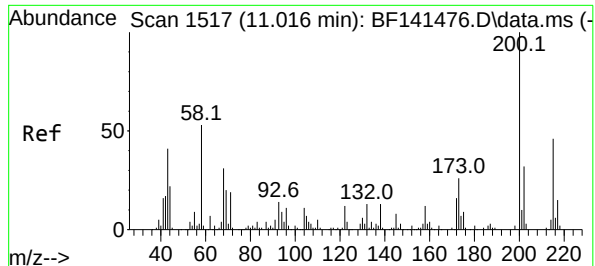
Ion Ratio Lower Upper

284 100

142 35.5 28.0 42.0

249 34.3 25.8 38.8





#69

Atrazine

Concen: 5.194 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.011 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

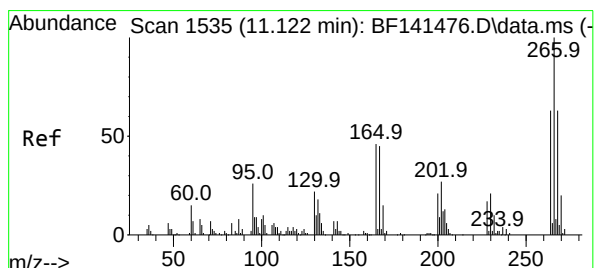
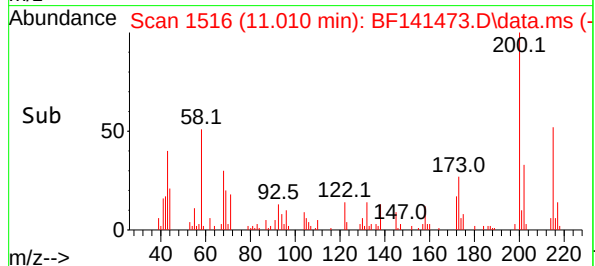
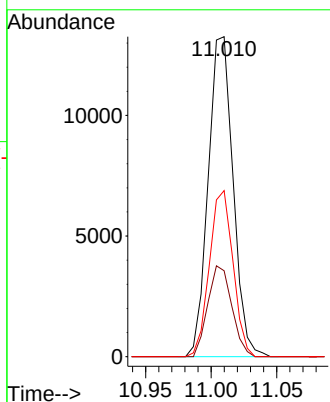
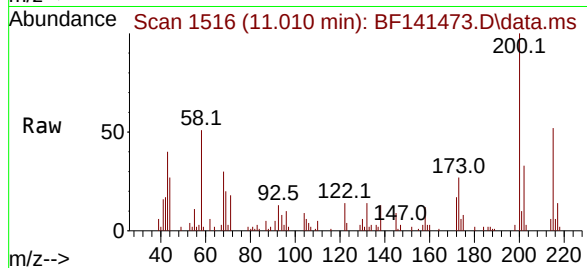
Tgt Ion:200 Resp: 17519

Ion Ratio Lower Upper

200 100

173 26.9 5.9 45.9

215 51.9 25.9 65.9



#70

Pentachlorophenol

Concen: 3.928 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

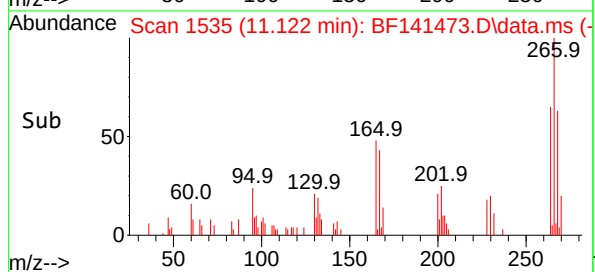
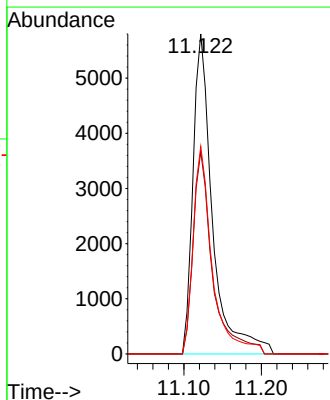
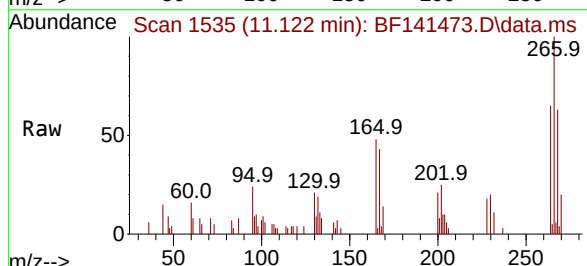
Tgt Ion:266 Resp: 10151

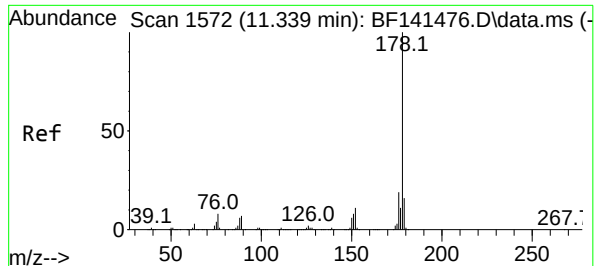
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 64.8 50.1 75.1

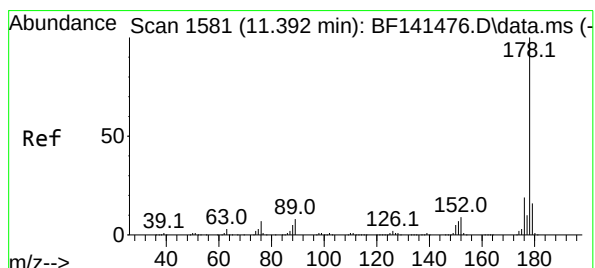
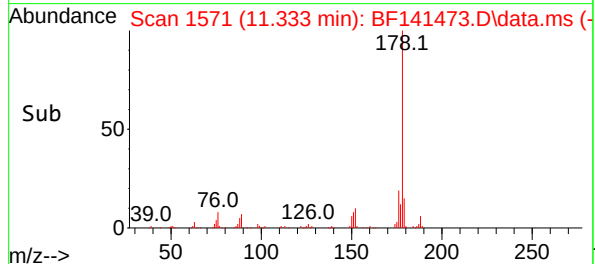
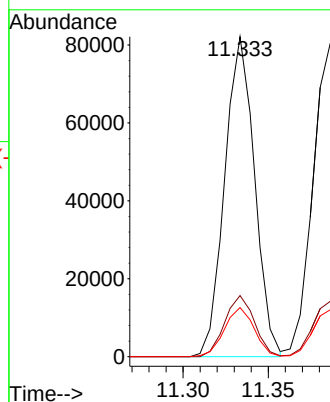
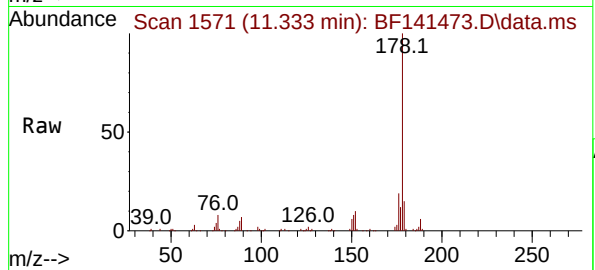




#71
Phenanthrene
Concen: 5.183 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

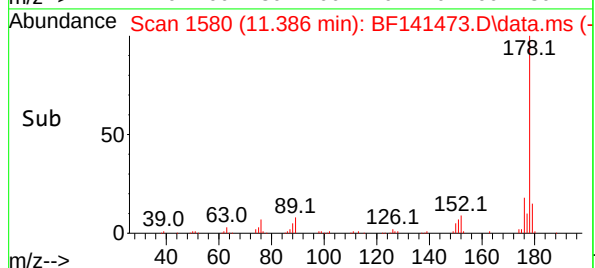
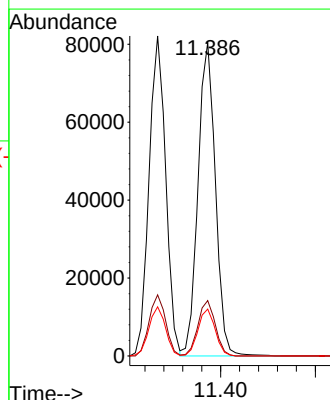
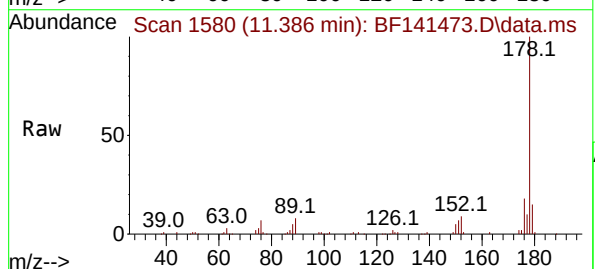
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

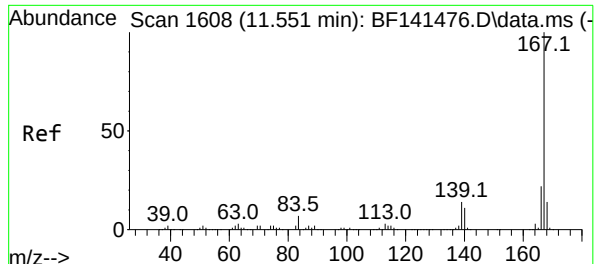
Tgt Ion:178 Resp: 100202
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 5.279 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:178 Resp: 102596
Ion Ratio Lower Upper
178 100
176 17.6 14.8 22.2
179 15.0 12.4 18.6

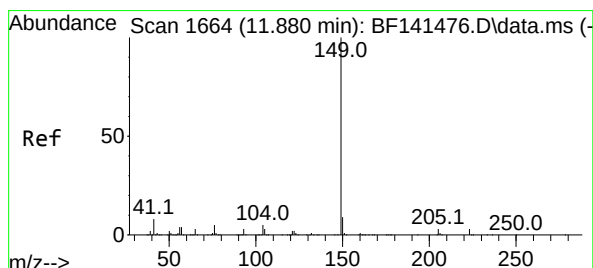
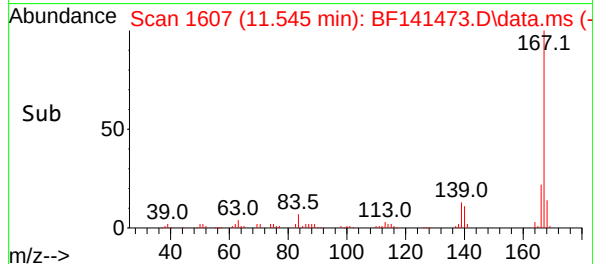
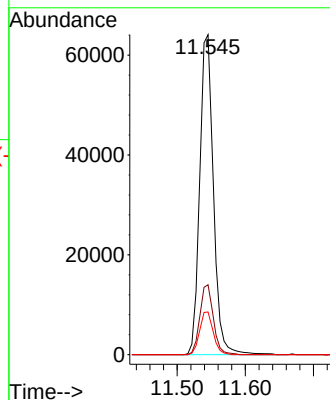
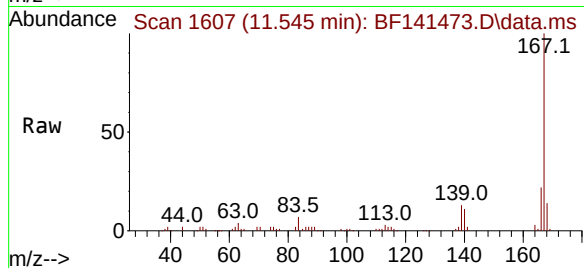




#73
Carbazole
Concen: 5.131 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

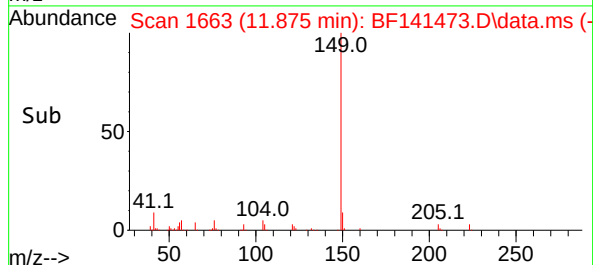
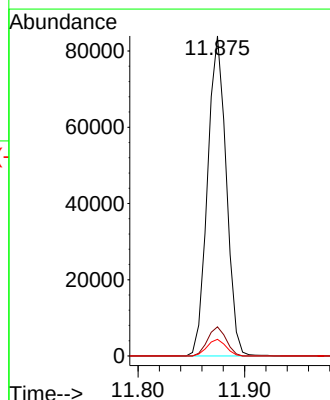
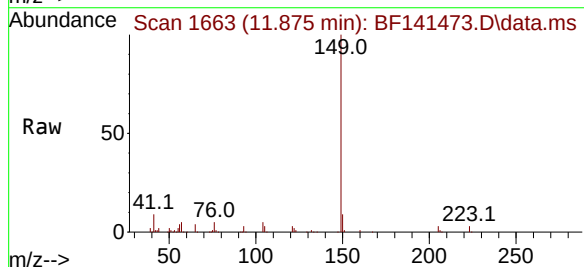
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

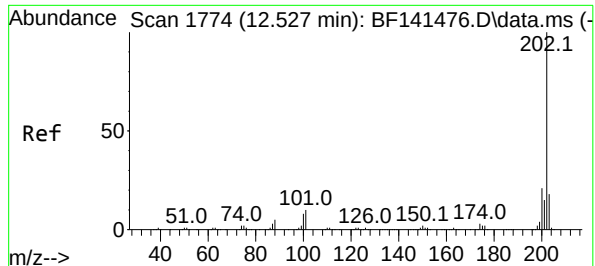
Tgt Ion:167 Resp: 89721
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.4 10.9 16.3



#74
Di-n-butylphthalate
Concen: 5.066 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

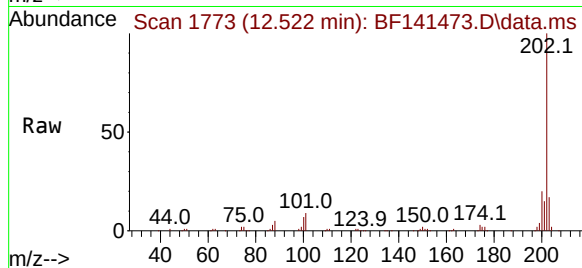
Tgt Ion:149 Resp: 102296
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2



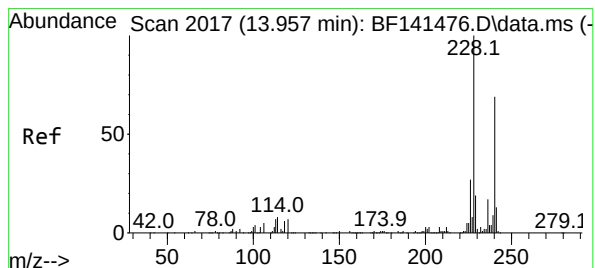
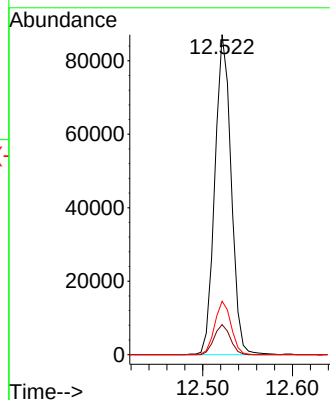


#75
Fluoranthene
Concen: 5.361 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

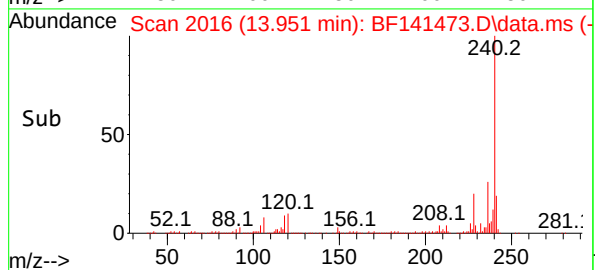
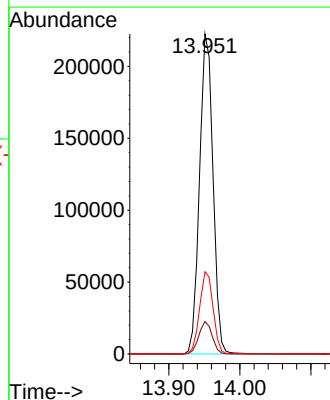
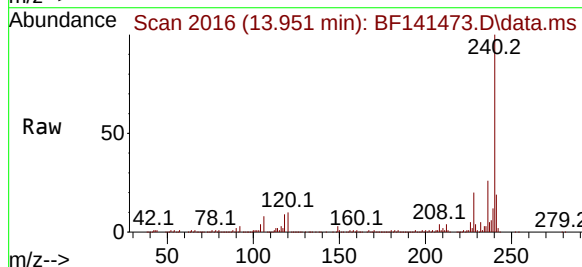


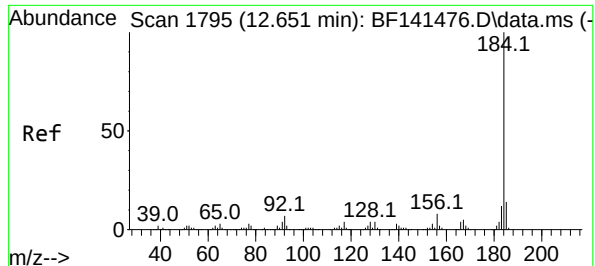
Tgt Ion:202 Resp: 109883
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 16.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:240 Resp: 295087
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.7 19.8 29.8

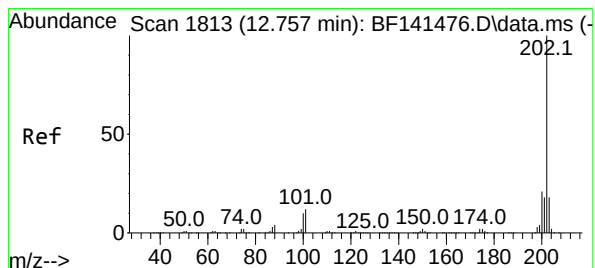
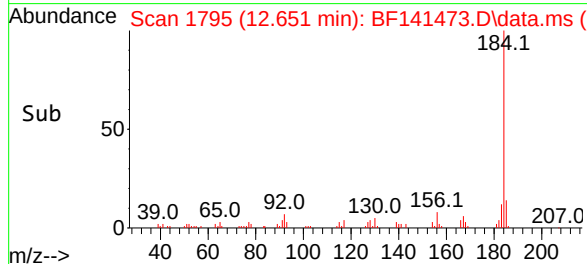
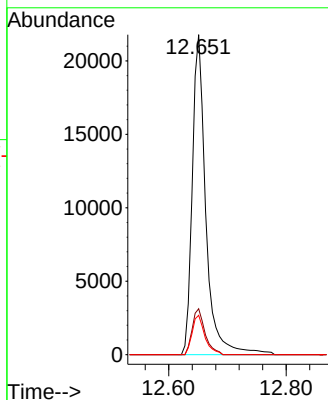
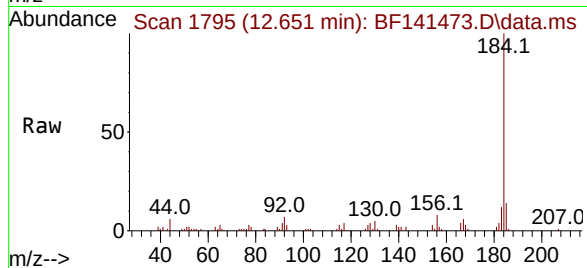




#77
Benzidine
Concen: 5.370 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

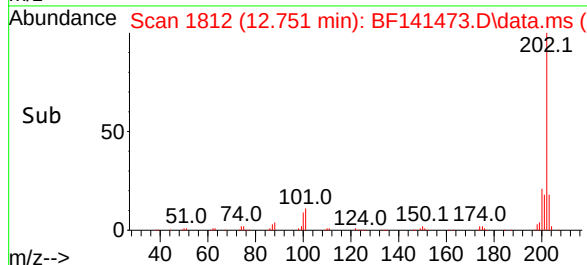
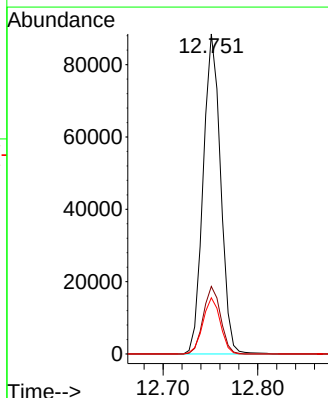
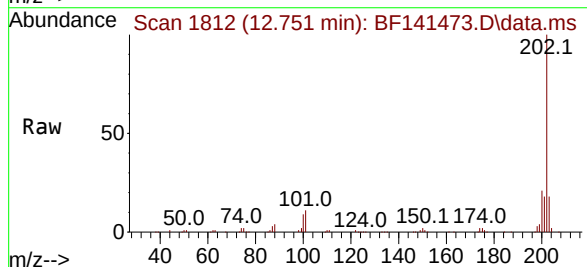
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

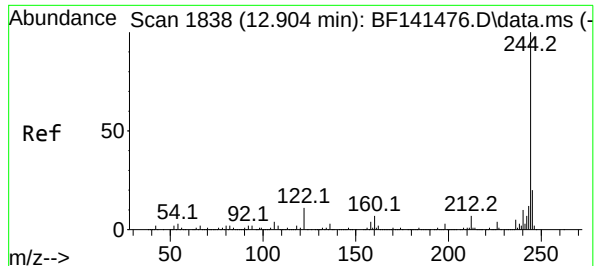
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	12.3	9.3	13.9



#78
Pyrene
Concen: 4.486 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

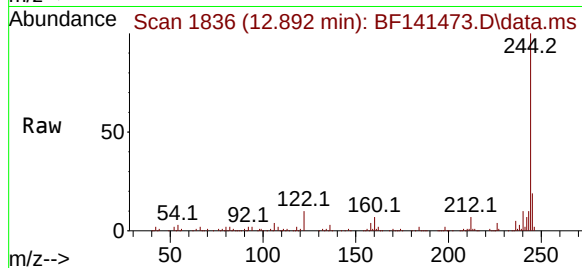
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	14.3	21.5



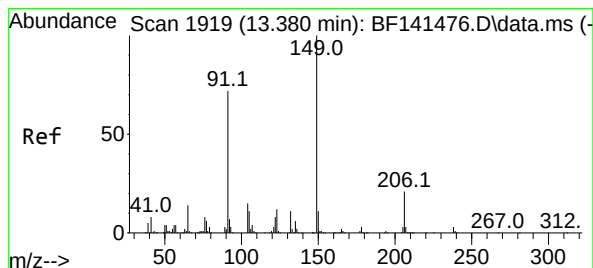
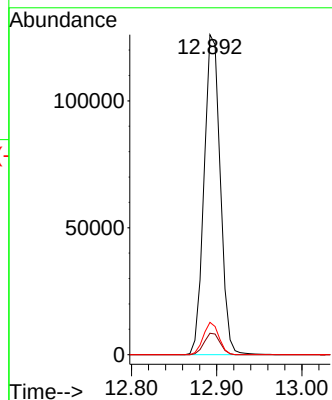
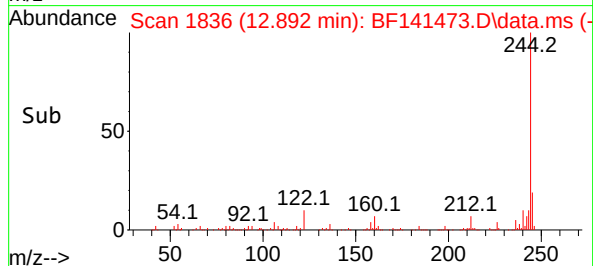


#79
Terphenyl-d14
Concen: 9.531 ng
RT: 12.892 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

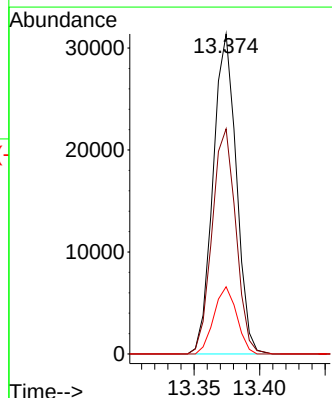
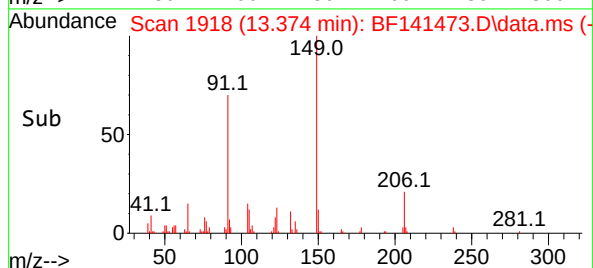
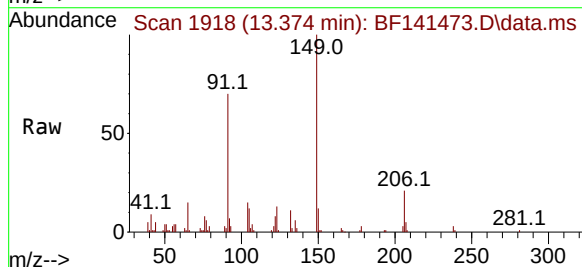


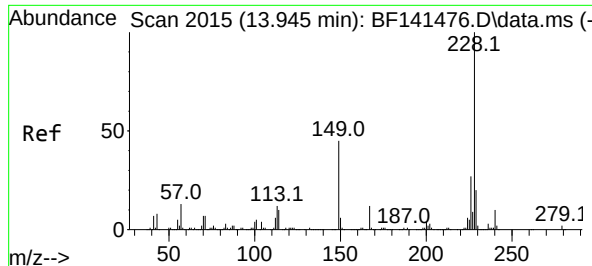
Tgt Ion:244 Resp: 166601
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.1 8.4 12.6



#80
Butylbenzylphthalate
Concen: 4.449 ng
RT: 13.374 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion:149 Resp: 38714
Ion Ratio Lower Upper
149 100
91 70.4 57.8 86.8
206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 5.193 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

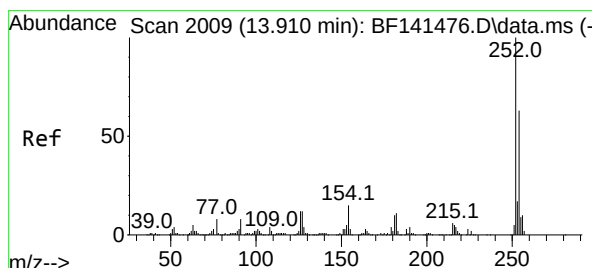
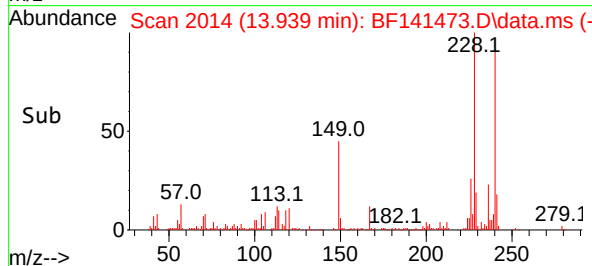
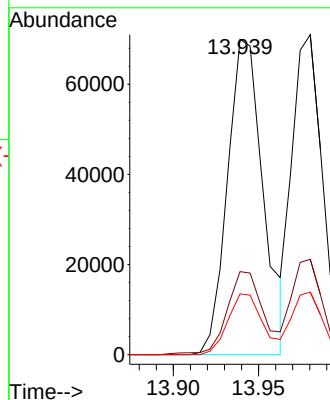
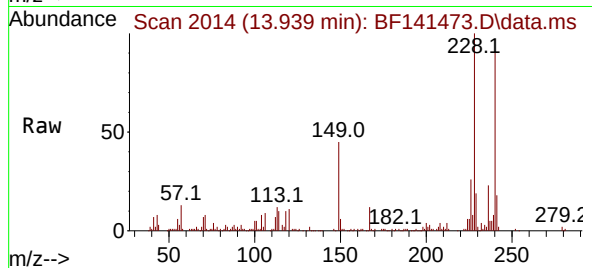
Tgt Ion:228 Resp: 101861

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

229 19.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 5.216 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

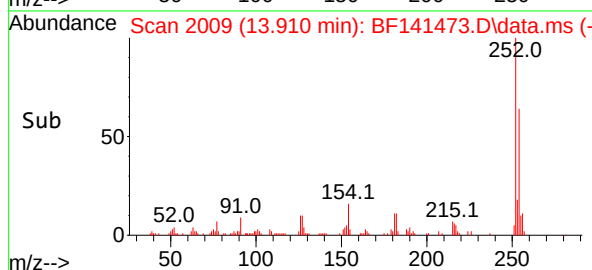
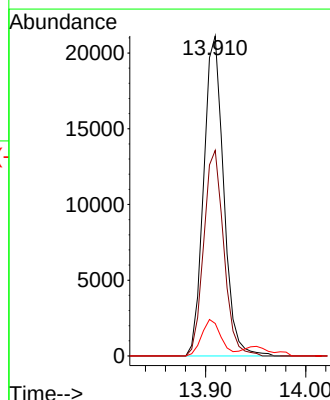
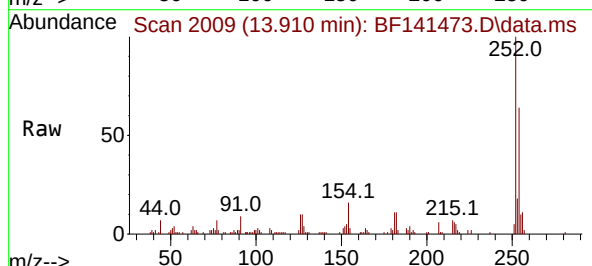
Tgt Ion:252 Resp: 29306

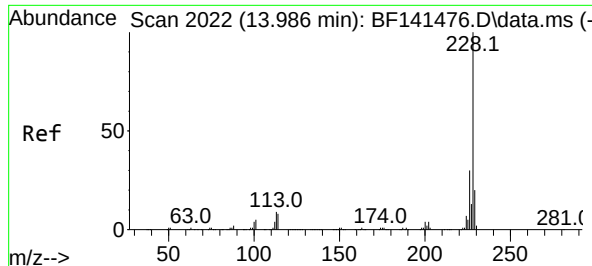
Ion Ratio Lower Upper

252 100

254 64.2 50.6 76.0

126 10.2 9.3 13.9





#83

Chrysene

Concen: 4.834 ng

RT: 13.980 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

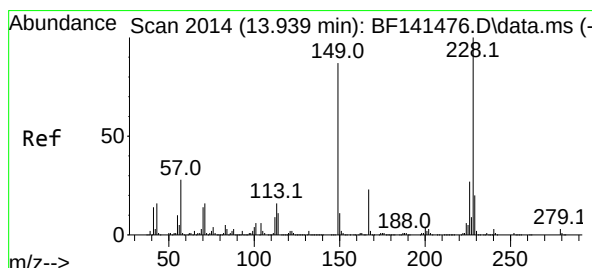
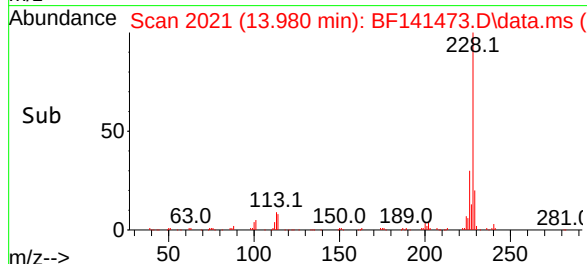
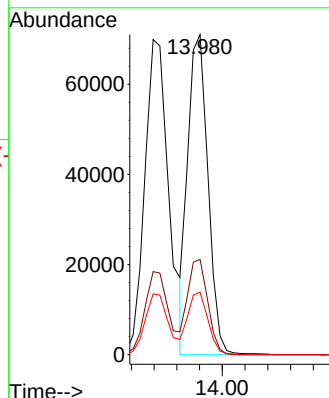
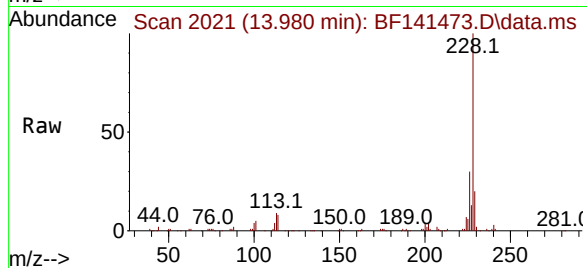
Tgt Ion:228 Resp: 87555

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.457 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

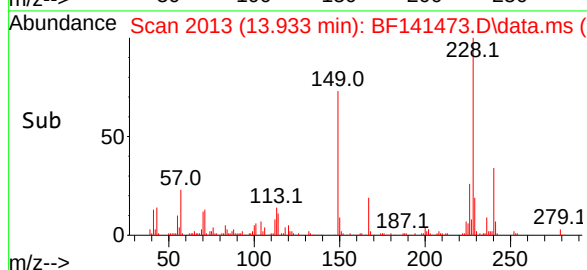
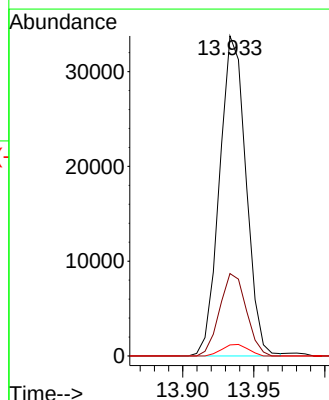
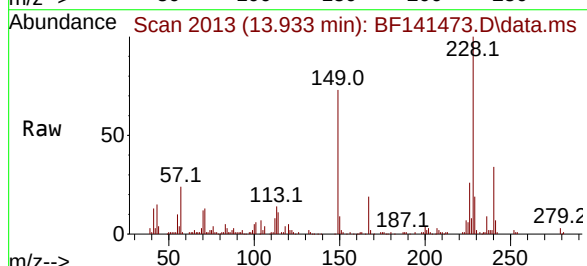
Tgt Ion:149 Resp: 43735

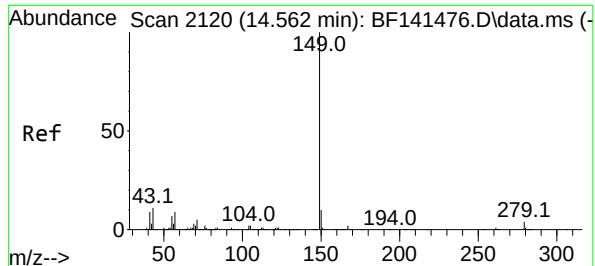
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.0

279 3.4 3.1 4.7

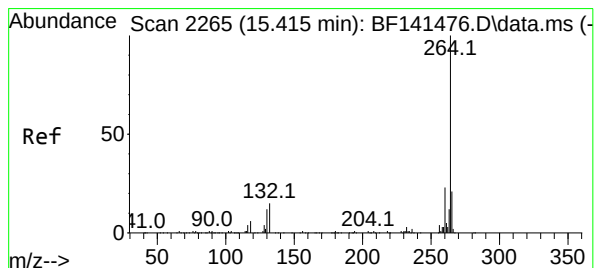
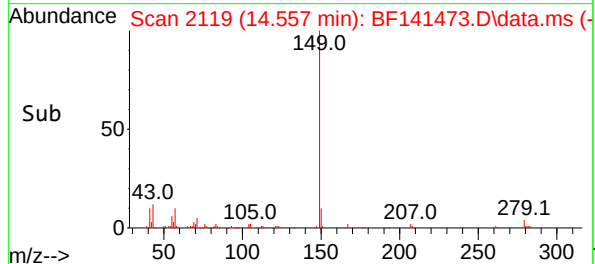
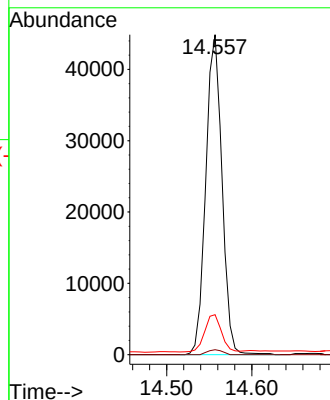
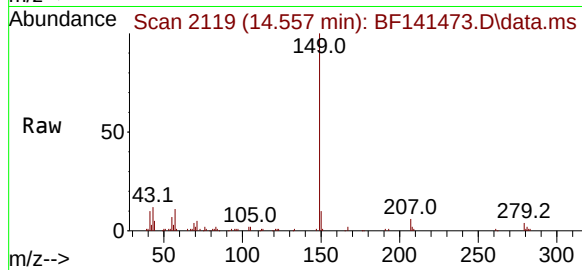




#85
Di-n-octyl phthalate
Concen: 4.229 ng
RT: 14.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

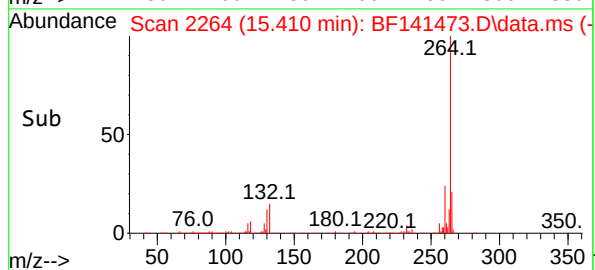
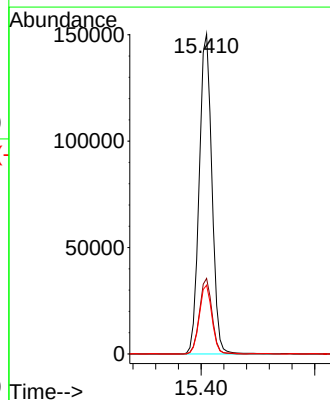
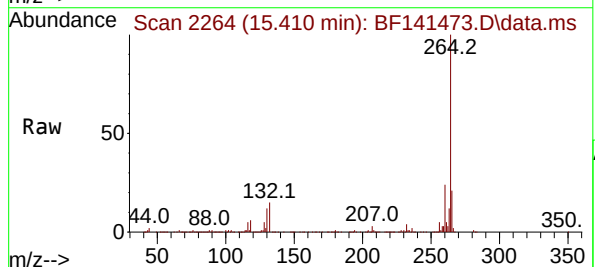
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

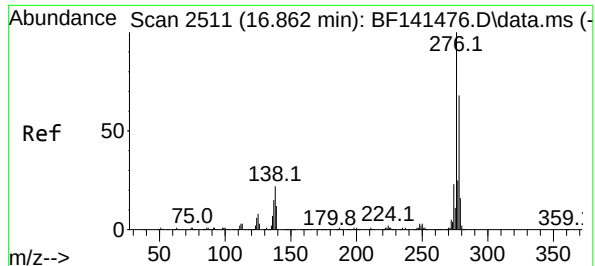
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	12.0	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141473.D
Acq: 06 Feb 2025 11:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.993 ng

RT: 16.839 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

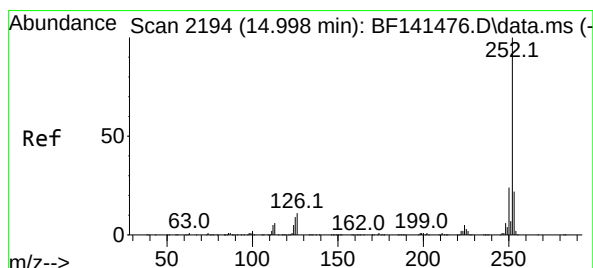
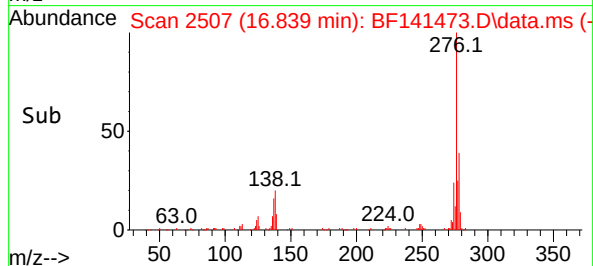
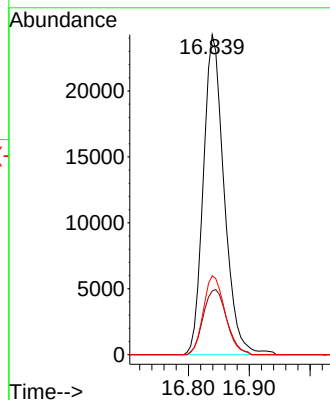
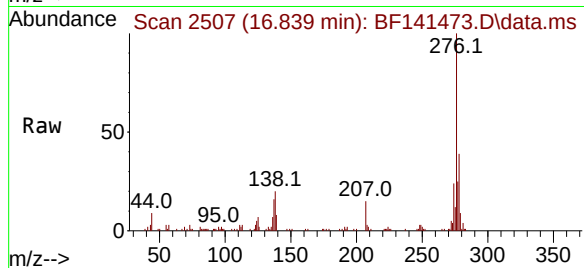
Tgt Ion:276 Resp: 57572

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 4.789 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

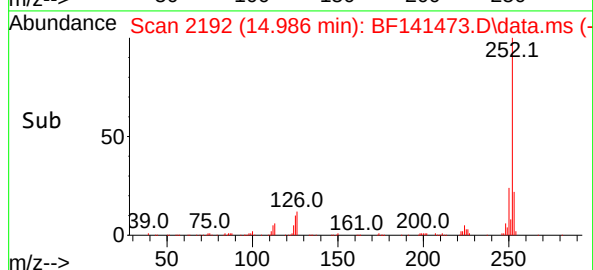
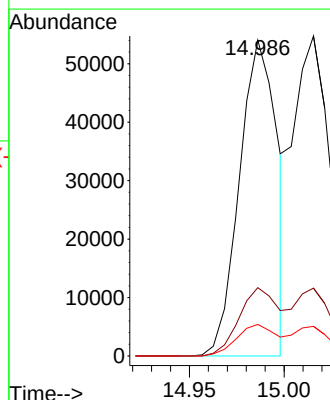
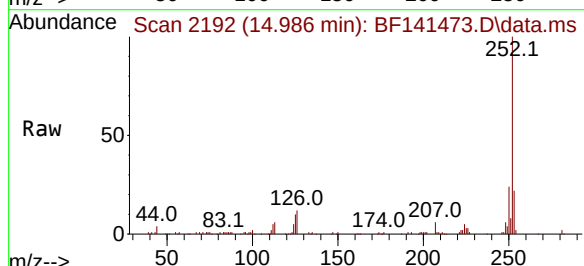
Tgt Ion:252 Resp: 75033

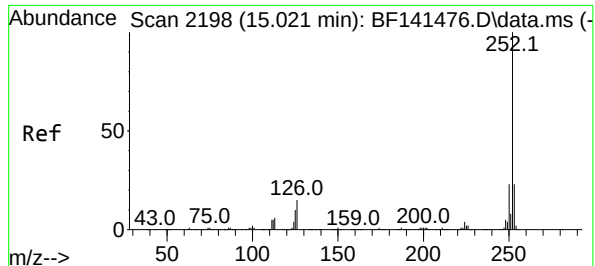
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 4.853 ng

RT: 15.016 min Scan# 2197

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

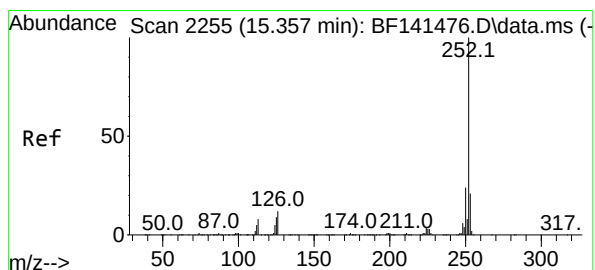
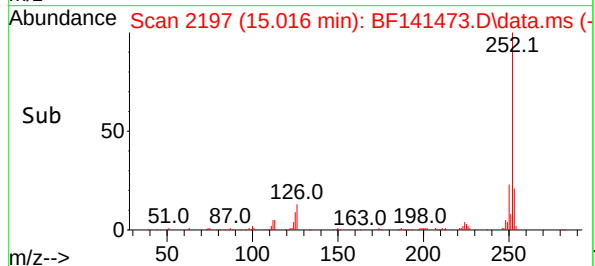
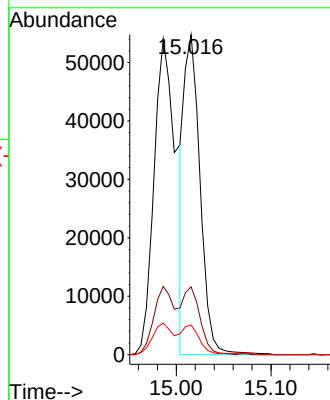
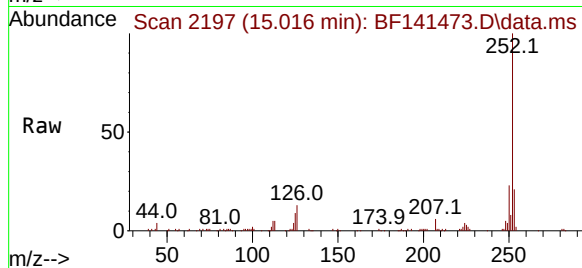
Tgt Ion:252 Resp: 64919

Ion Ratio Lower Upper

252 100

253 21.2 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 4.993 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.017 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

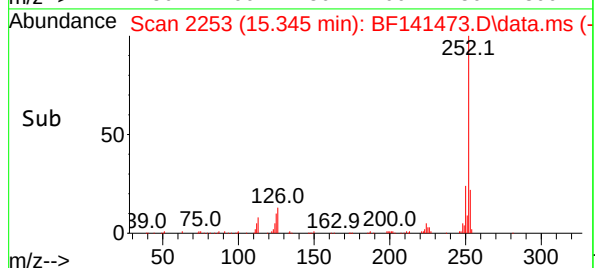
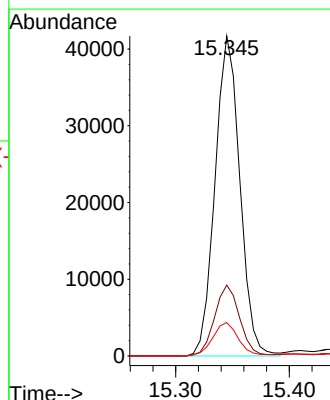
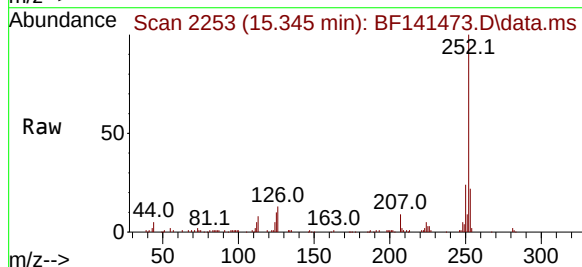
Tgt Ion:252 Resp: 63295

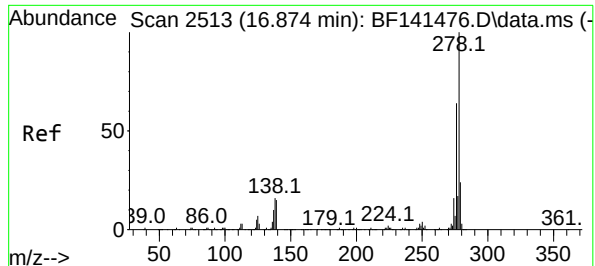
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 3.974 ng

RT: 16.857 min Scan# 2510

Delta R.T. -0.035 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

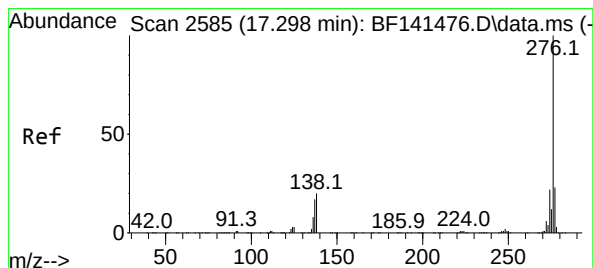
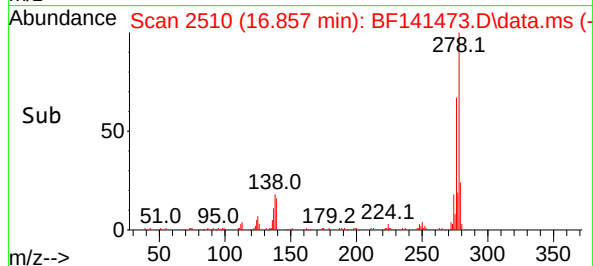
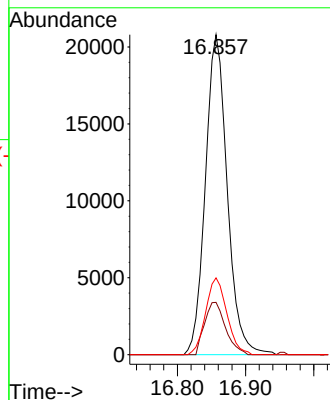
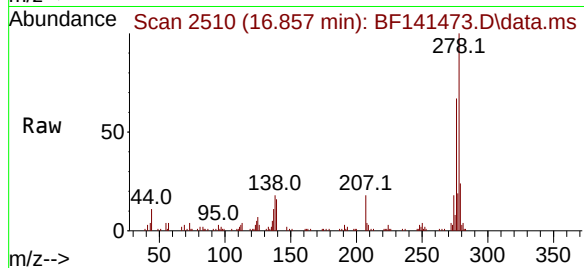
Tgt Ion:278 Resp: 46421

Ion Ratio Lower Upper

278 100

139 16.4 11.8 17.6

279 24.0 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 3.841 ng

RT: 17.274 min Scan# 2581

Delta R.T. -0.041 min

Lab File: BF141473.D

Acq: 06 Feb 2025 11:34

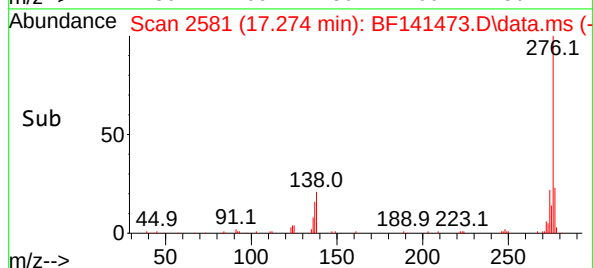
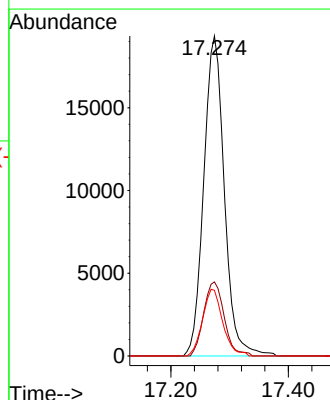
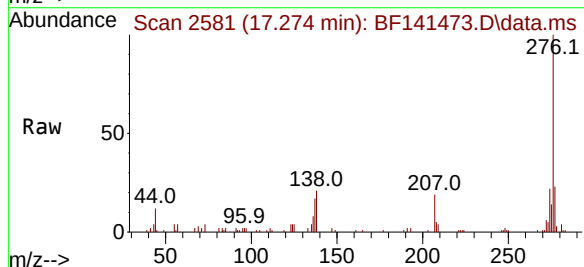
Tgt Ion:276 Resp: 46952

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 20.5 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141474.D
 Acq On : 06 Feb 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Feb 06 16:00:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	88879	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	361197	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	200046	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	347312	20.000	ng	0.00
76) Chrysene-d12	13.957	240	284792	20.000	ng	0.00
86) Perylene-d12	15.416	264	215900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	114669	20.227	ng	0.00
7) Phenol-d6	6.422	99	144805	20.209	ng	-0.02
23) Nitrobenzene-d5	7.345	82	136996	19.783	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	40073	19.941	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	271988	20.947	ng	0.00
79) Terphenyl-d14	12.898	244	314541	18.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	23063	10.108	ng	95
3) Pyridine	3.216	79	53532	9.859	ng	99
4) n-Nitrosodimethylamine	3.146	42	34386	9.564	ng	# 97
6) Aniline	6.446	93	68661	10.215	ng	92
8) 2-Chlorophenol	6.575	128	62679	10.232	ng	99
9) Benzaldehyde	6.334	77	44111	11.585	ng	99
10) Phenol	6.440	94	74689	10.015	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	54627	9.752	ng	98
12) 1,3-Dichlorobenzene	6.728	146	65850	10.182	ng	98
13) 1,4-Dichlorobenzene	6.804	146	68330	10.341	ng	97
14) 1,2-Dichlorobenzene	6.957	146	63948	10.428	ng	99
15) Benzyl Alcohol	6.928	79	55580	10.115	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	99782	10.406	ng	98
17) 2-Methylphenol	7.045	107	48375	10.092	ng	97
18) Hexachloroethane	7.298	117	24233	9.910	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	43762	10.210	ng	97
20) 3+4-Methylphenols	7.198	107	62949	10.332	ng	96
22) Acetophenone	7.192	105	90614	10.085	ng	# 97
24) Nitrobenzene	7.363	77	67032	9.927	ng	96
25) Isophorone	7.604	82	107242	9.712	ng	99
26) 2-Nitrophenol	7.687	139	31590	9.403	ng	97
27) 2,4-Dimethylphenol	7.728	122	38303	9.759	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	70458	9.958	ng	97
29) 2,4-Dichlorophenol	7.934	162	51883	9.784	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	57937	10.033	ng	97
31) Naphthalene	8.092	128	188046	10.002	ng	99
32) Benzoic acid	7.810	122	33645	8.253	ng	98
33) 4-Chloroaniline	8.145	127	63529	9.678	ng	98
34) Hexachlorobutadiene	8.210	225	34431	9.932	ng	98
35) Caprolactam	8.481	113	15331	9.495	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	58441	9.949	ng	99
37) 2-Methylnaphthalene	8.781	142	124517	10.177	ng	99
38) 1-Methylnaphthalene	8.881	142	118722	10.019	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	58800	10.160	ng	98
41) Hexachlorocyclopentadiene	8.934	237	13785	7.161	ng	91
43) 2,4,6-Trichlorophenol	9.063	196	36558	9.773	ng	99

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 Data File : BF141474.D
 Acq On : 06 Feb 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

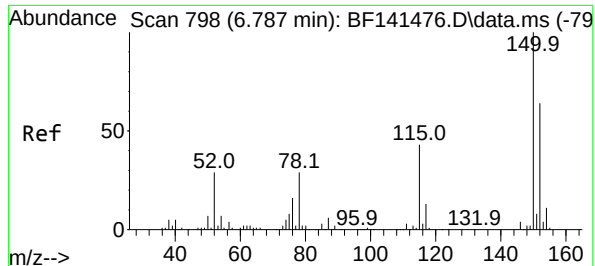
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	40697	10.039	ng	97
46) 1,1'-Biphenyl	9.245	154	156431	10.086	ng	99
47) 2-Chloronaphthalene	9.269	162	116119	10.125	ng	99
48) 2-Nitroaniline	9.369	65	37155	9.653	ng	96
49) Acenaphthylene	9.686	152	173644	10.179	ng	99
50) Dimethylphthalate	9.545	163	135886	10.006	ng	100
51) 2,6-Dinitrotoluene	9.604	165	29006	9.770	ng	96
52) Acenaphthene	9.857	154	116461m	10.155	ng	
53) 3-Nitroaniline	9.775	138	31330	9.805	ng	100
54) 2,4-Dinitrophenol	9.886	184	13341	7.561	ng	98
55) Dibenzofuran	10.028	168	172206	10.230	ng	98
56) 4-Nitrophenol	9.957	139	21569	9.093	ng	96
57) 2,4-Dinitrotoluene	10.010	165	40306	10.198	ng	93
58) Fluorene	10.369	166	136110	10.458	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	36102	10.344	ng	# 96
60) Diethylphthalate	10.245	149	134593	10.073	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	64305	10.270	ng	97
62) 4-Nitroaniline	10.386	138	31934	9.842	ng	98
63) Azobenzene	10.522	77	132968	10.010	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	20074	8.320	ng	98
66) n-Nitrosodiphenylamine	10.481	169	113408	10.201	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	38257	9.856	ng	97
68) Hexachlorobenzene	10.922	284	40715	10.186	ng	98
69) Atrazine	11.010	200	35287	10.580	ng	98
70) Pentachlorophenol	11.122	266	22735	8.895	ng	98
71) Phenanthrene	11.333	178	196586	10.283	ng	99
72) Anthracene	11.386	178	195528	10.174	ng	99
73) Carbazole	11.545	167	178223	10.306	ng	99
74) Di-n-butylphthalate	11.875	149	200806	10.057	ng	100
75) Fluoranthene	12.522	202	215218	10.618	ng	99
77) Benzidine	12.651	184	69402	11.050	ng	98
78) Pyrene	12.751	202	221721	9.146	ng	99
80) Butylbenzylphthalate	13.374	149	76852	9.152	ng	100
81) Benzo(a)anthracene	13.945	228	189705	10.021	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	58487	10.785	ng	99
83) Chrysene	13.980	228	174103	9.960	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	86853	9.171	ng	98
85) Di-n-octyl phthalate	14.563	149	115875	8.576	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	111083	8.327	ng	98
88) Benzo(b)fluoranthene	14.998	252	151861	10.476	ng	98
89) Benzo(k)fluoranthene	15.021	252	131265	10.604	ng	99
90) Benzo(a)pyrene	15.357	252	115948	9.885	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	89400	8.271	ng	99
92) Benzo(g,h,i)perylene	17.286	276	93242	8.243	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

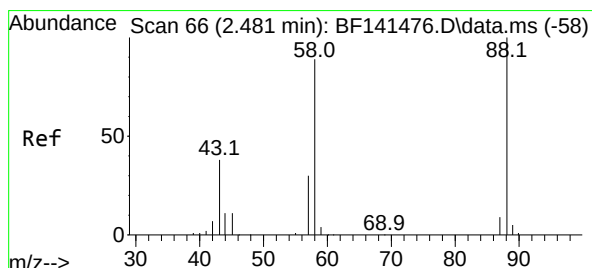
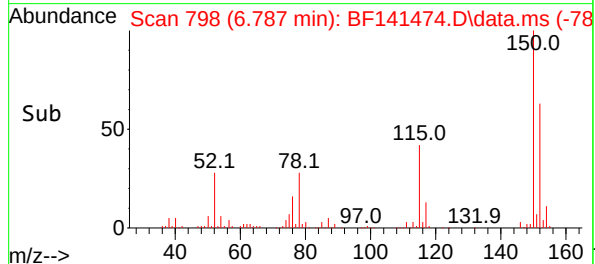
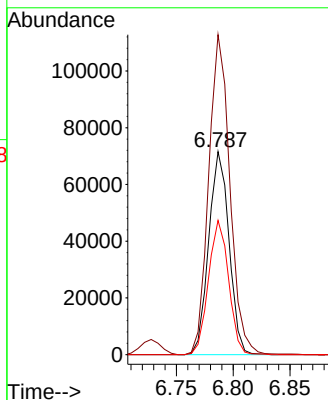
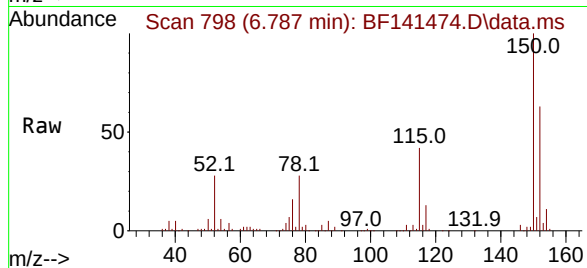
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

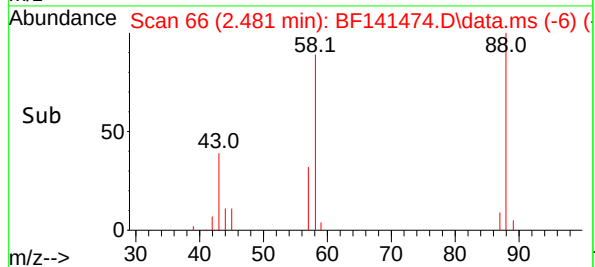
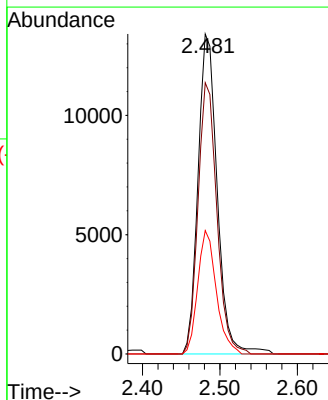
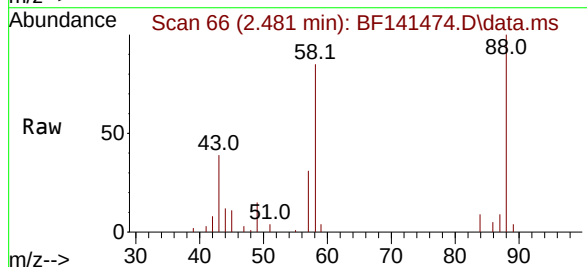
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ClientSampleId :
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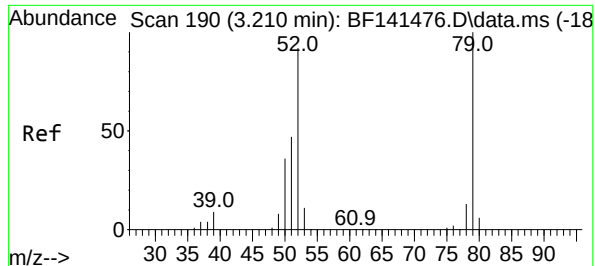
Tgt Ion:152 Resp: 88879
Ion Ratio Lower Upper
152 100
150 157.6 125.0 187.4
115 66.1 53.6 80.4



#2
1,4-Dioxane
Concen: 10.108 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 88 Resp: 23063
Ion Ratio Lower Upper
88 100
58 83.0 71.1 106.7
43 37.3 30.6 46.0





#3

Pyridine

Concen: 9.859 ng

RT: 3.216 min Scan# 191

Delta R.T. 0.000 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

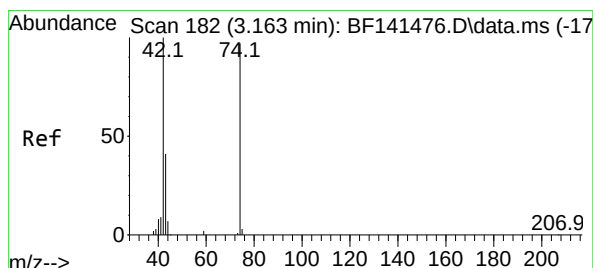
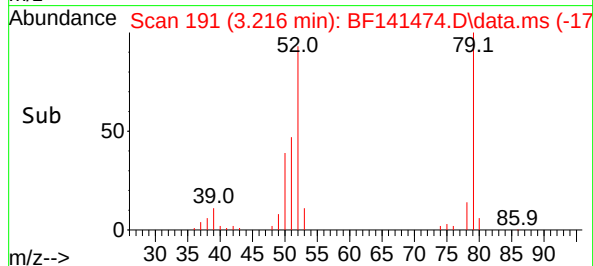
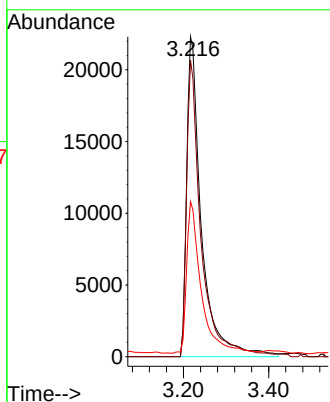
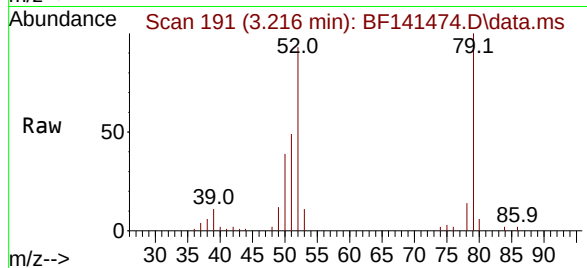
Tgt Ion: 79 Resp: 53532

Ion Ratio Lower Upper

79 100

52 92.7 73.7 110.5

51 48.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 9.564 ng

RT: 3.146 min Scan# 179

Delta R.T. -0.041 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

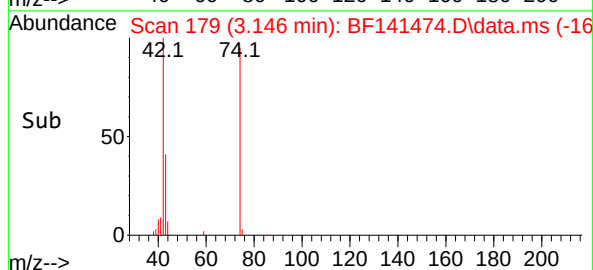
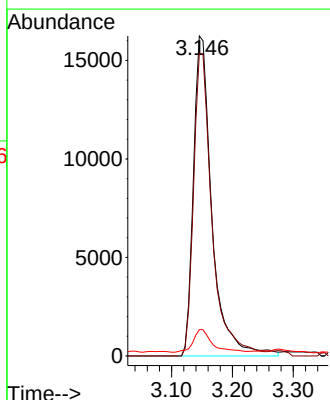
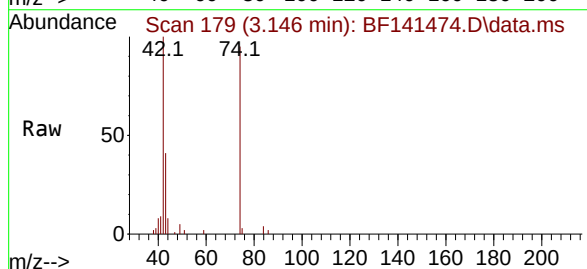
Tgt Ion: 42 Resp: 34386

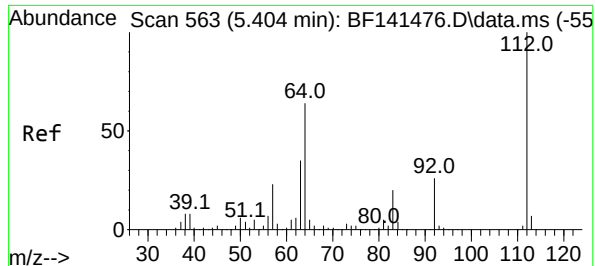
Ion Ratio Lower Upper

42 100

74 94.6 78.0 117.0

44 8.3 5.4 8.2#

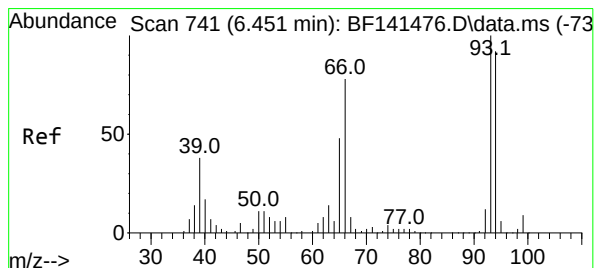
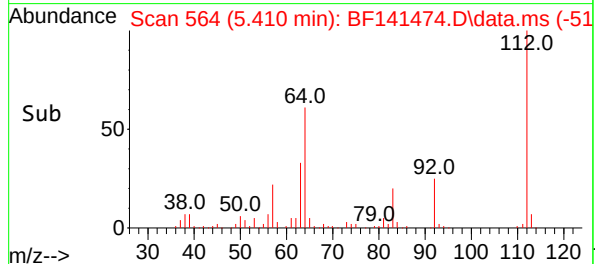
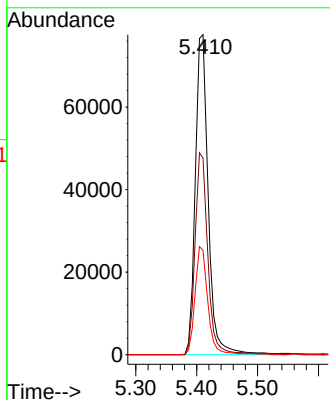
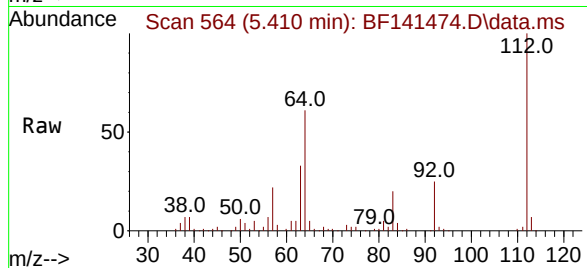




#5
2-Fluorophenol
Concen: 20.227 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

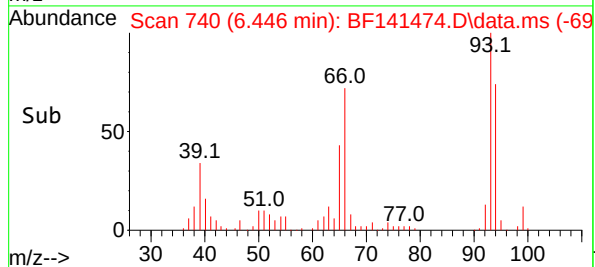
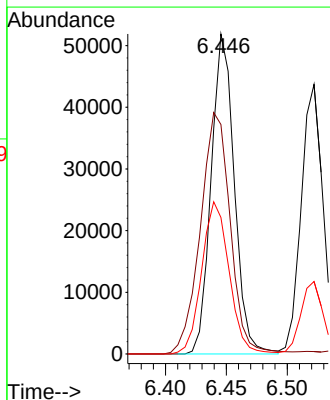
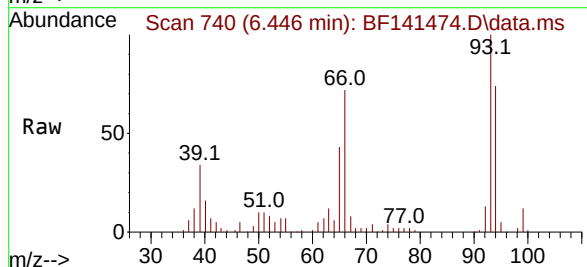
Instrument :
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ClientSampleId :
SSTDICC010

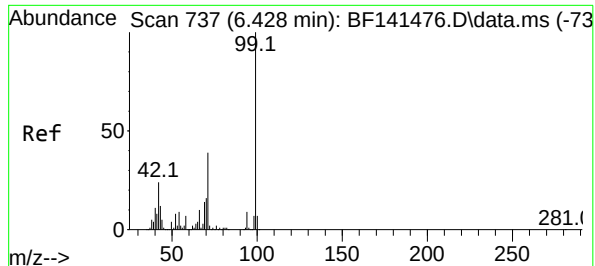
Tgt Ion:112 Resp: 114669
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 32.6 28.4 42.6



#6
Aniline
Concen: 10.215 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 93 Resp: 68661
Ion Ratio Lower Upper
93 100
66 71.7 62.6 94.0
65 42.7 38.3 57.5

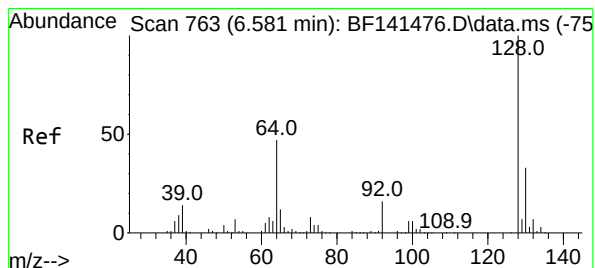
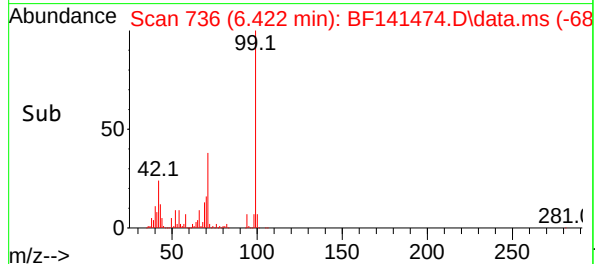
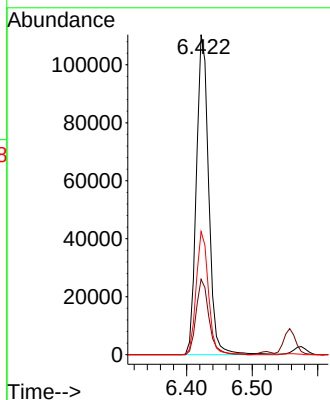
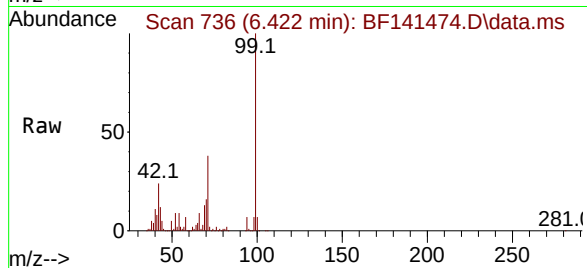




#7
Phenol-d6
Concen: 20.209 ng
RT: 6.422 min Scan# 714
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

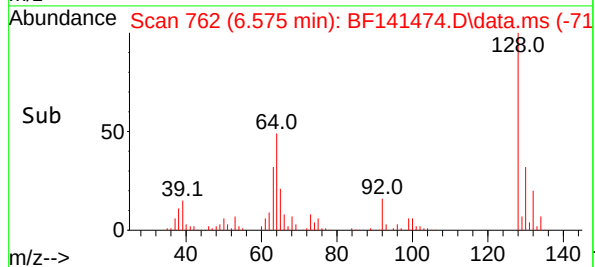
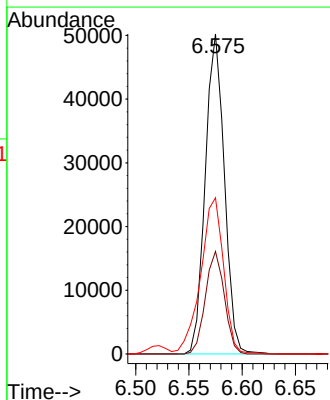
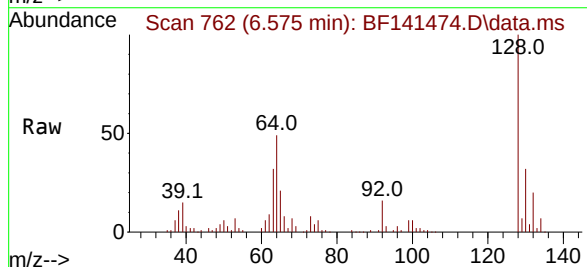
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BNA_F
ClientSampleId :
SSTDICC010

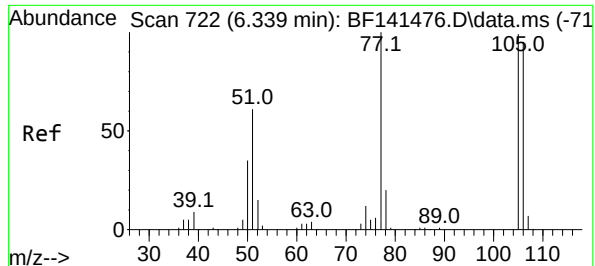
Tgt Ion: 99 Resp: 144805
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 38.5 31.1 46.7



#8
2-Chlorophenol
Concen: 10.232 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 128 Resp: 62679
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 48.8 28.3 68.3





#9

Benzaldehyde

Concen: 11.585 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

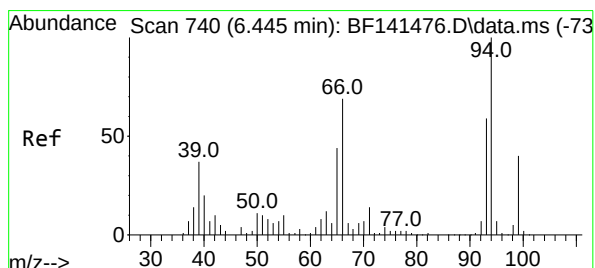
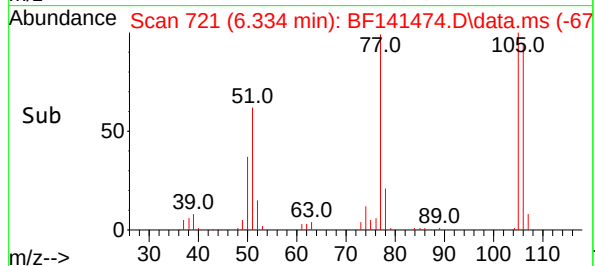
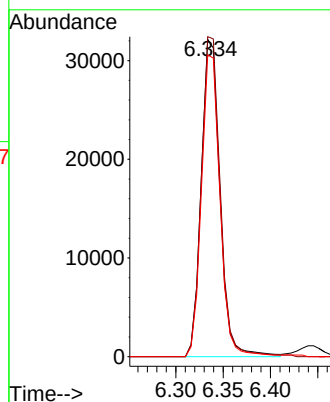
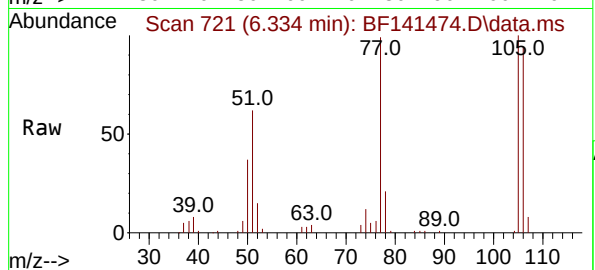
Tgt Ion: 77 Resp: 44111

Ion Ratio Lower Upper

77 100

105 100.9 79.4 119.4

106 95.1 75.1 115.1



#10

Phenol

Concen: 10.015 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

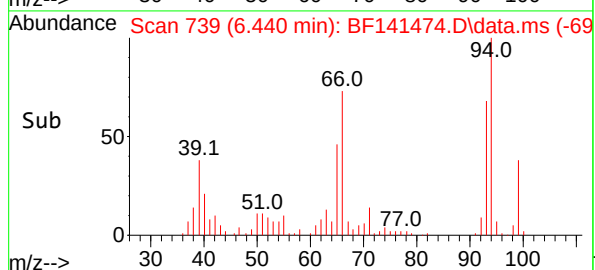
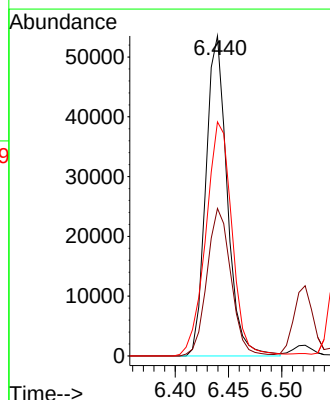
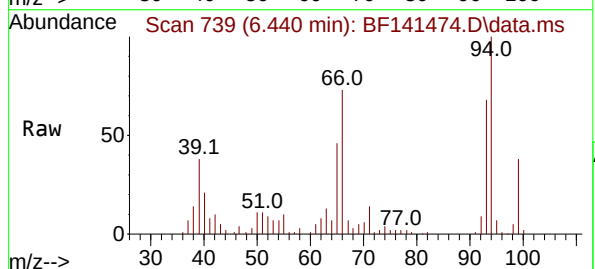
Tgt Ion: 94 Resp: 74689

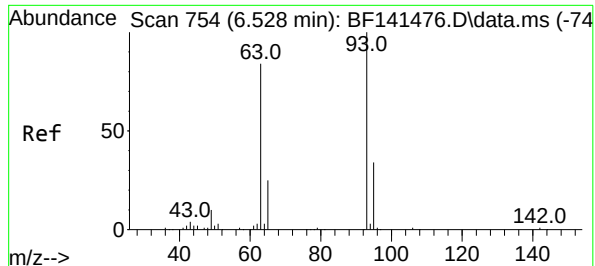
Ion Ratio Lower Upper

94 100

65 46.1 23.7 63.7

66 73.1 49.3 89.3

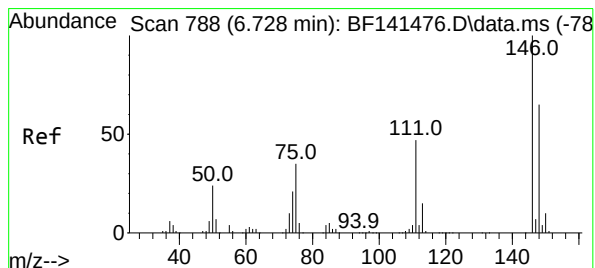
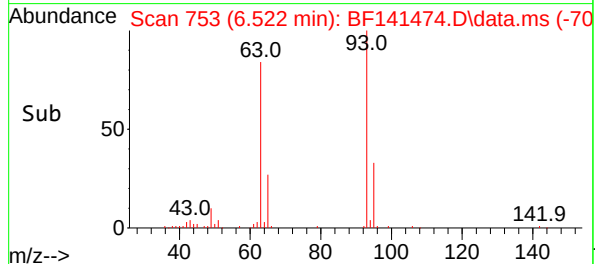
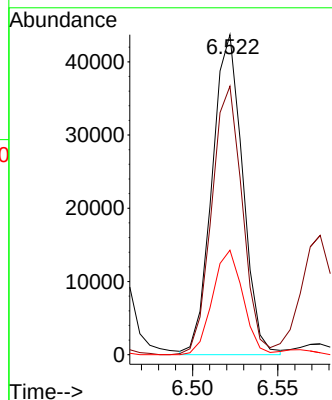
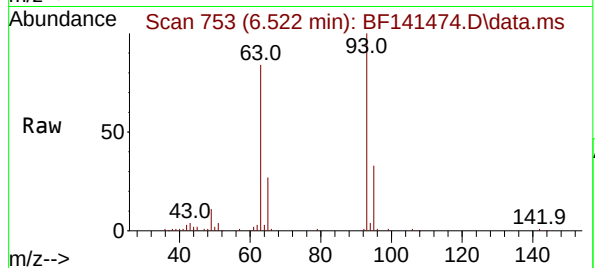




#11
bis(2-Chloroethyl)ether
Concen: 9.752 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

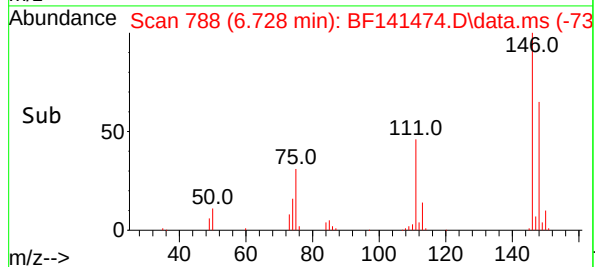
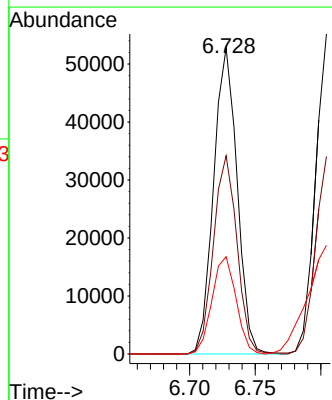
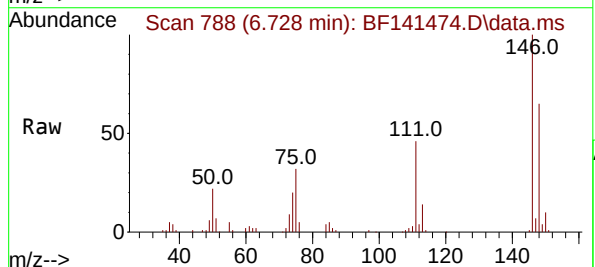
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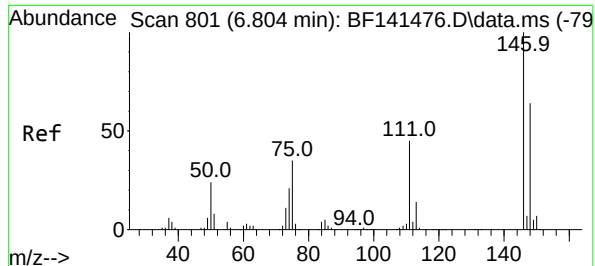
Tgt Ion: 93 Resp: 54627
Ion Ratio Lower Upper
93 100
63 83.9 62.0 102.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 10.182 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 146 Resp: 65850
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 31.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 10.341 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

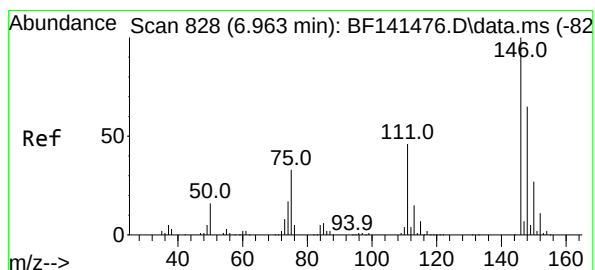
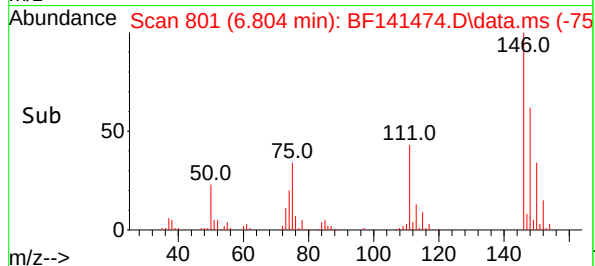
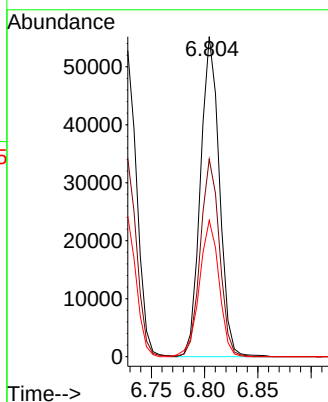
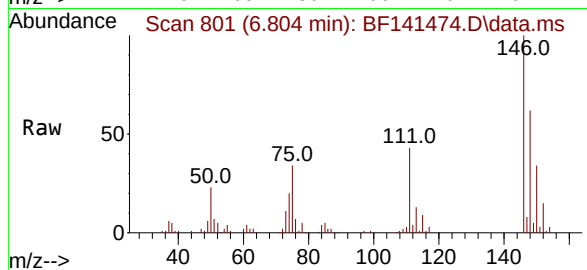
Tgt Ion:146 Resp: 68330

Ion Ratio Lower Upper

146 100

148 61.7 50.9 76.3

111 42.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 10.428 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

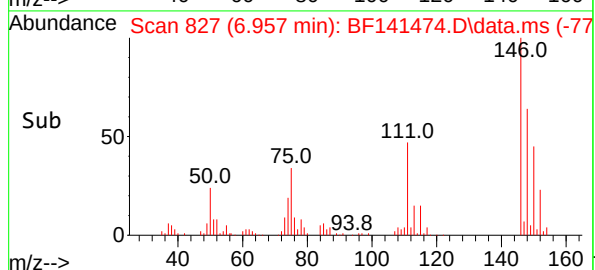
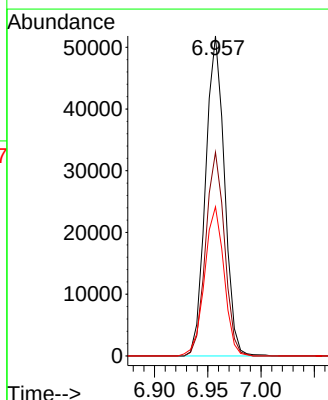
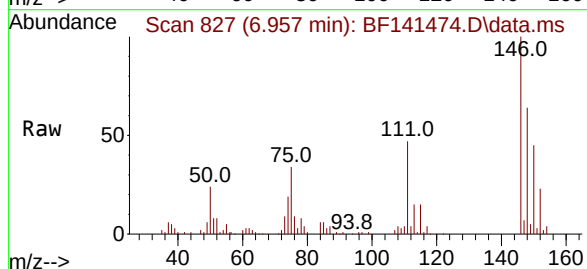
Tgt Ion:146 Resp: 63948

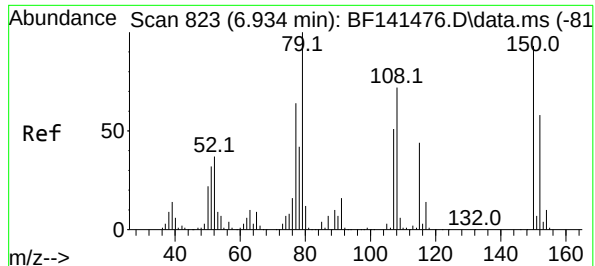
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 46.6 37.0 55.4

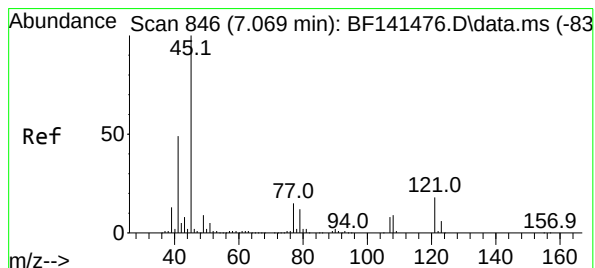
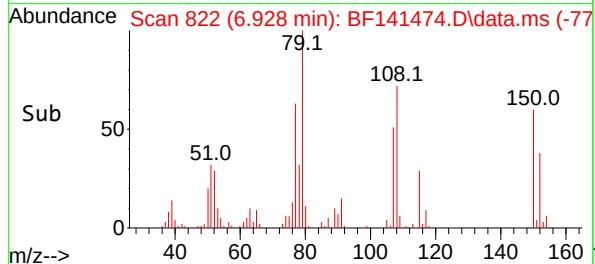
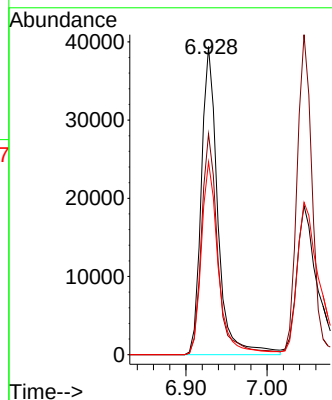
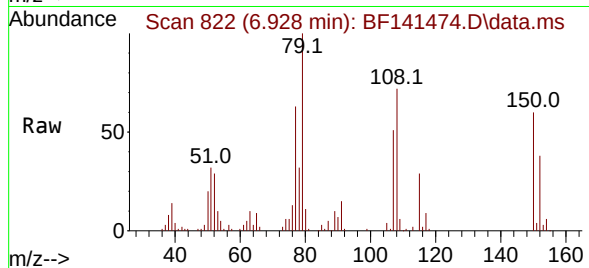




#15
Benzyl Alcohol
Concen: 10.115 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

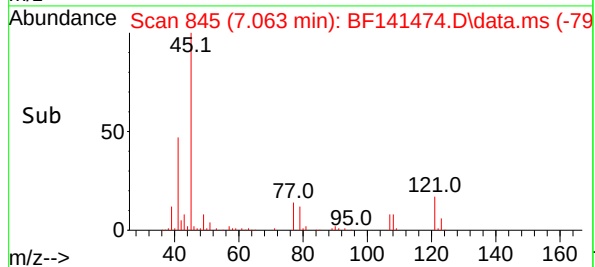
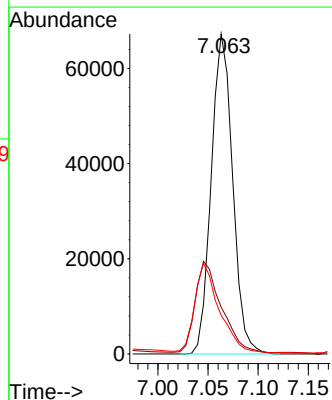
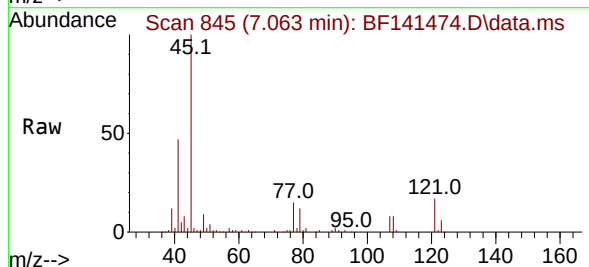
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

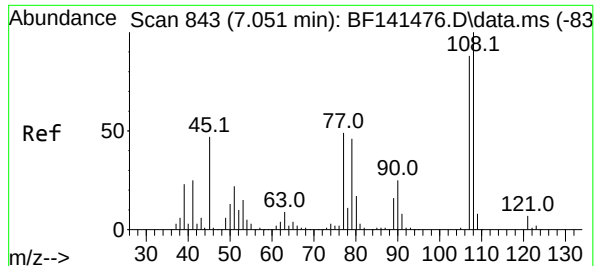
Tgt Ion: 79 Resp: 55580
Ion Ratio Lower Upper
79 100
108 71.7 57.4 86.2
77 62.6 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.406 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 45 Resp: 99782
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.8
79 12.1 0.0 32.7

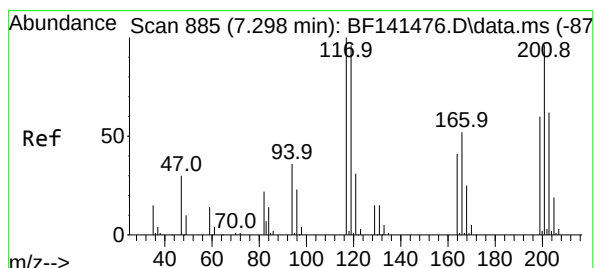
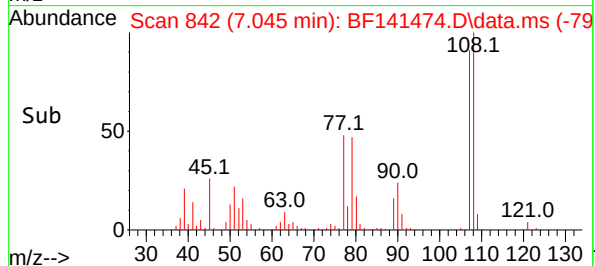
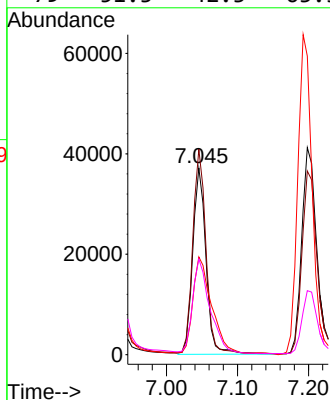
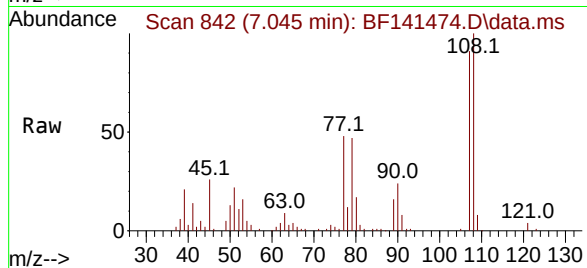




#17
2-Methylphenol
Concen: 10.092 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

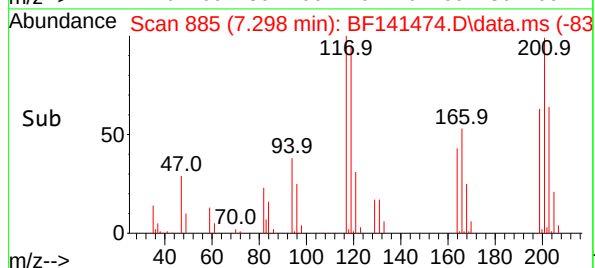
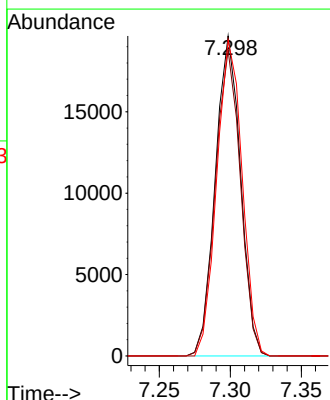
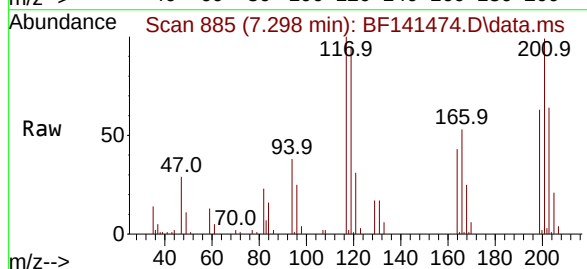
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

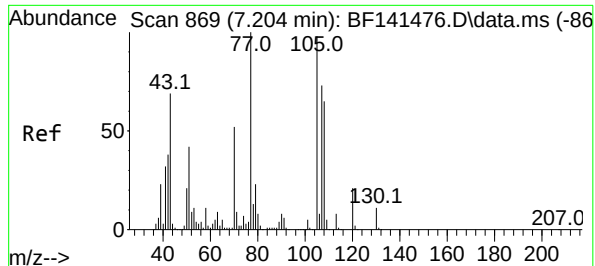
Tgt Ion:107 Resp: 48375
Ion Ratio Lower Upper
107 100
108 110.1 90.6 136.0
77 52.4 44.4 66.6
79 51.3 42.3 63.5



#18
Hexachloroethane
Concen: 9.910 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:117 Resp: 24233
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 98.8 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 10.210 ng

RT: 7.192 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF141474.D

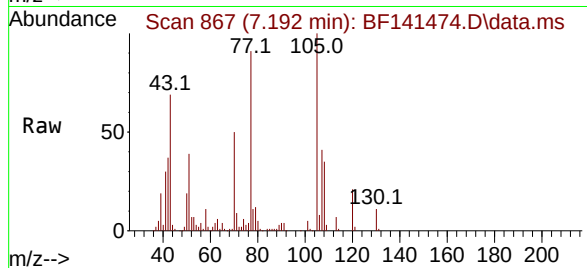
Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 43762

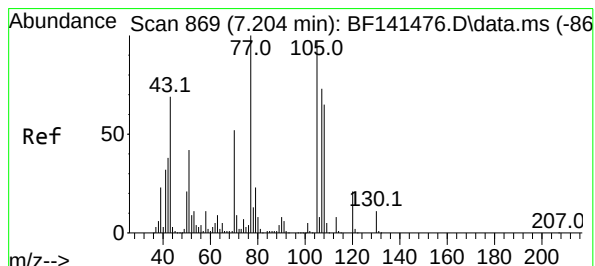
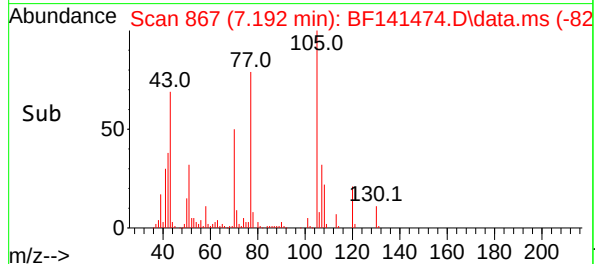
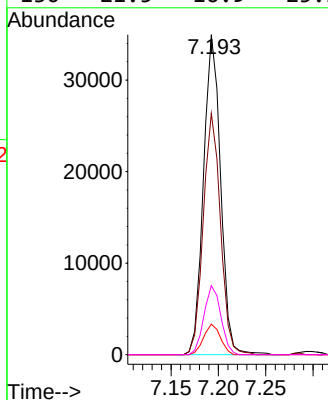
Ion Ratio Lower Upper

70 100

42 75.4 57.4 86.2

101 9.5 8.0 12.0

130 21.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 10.332 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Tgt Ion: 107 Resp: 62949

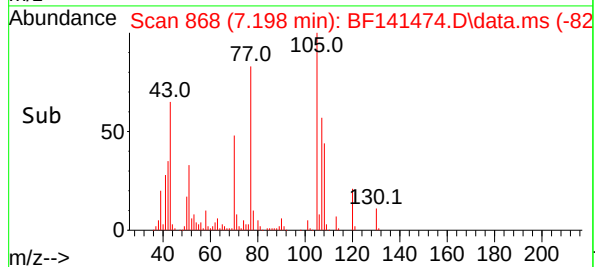
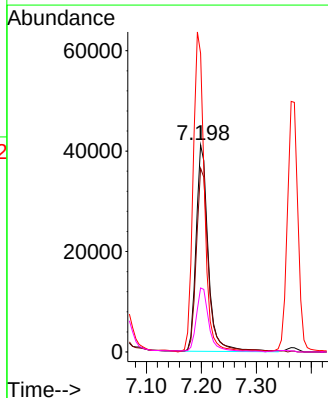
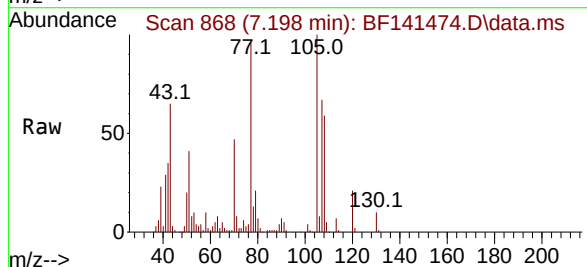
Ion Ratio Lower Upper

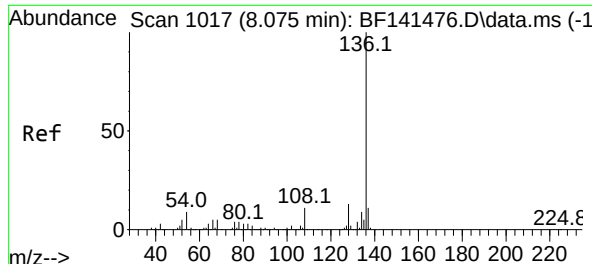
107 100

108 88.7 68.5 108.5

77 144.2 116.5 156.5

79 30.9 12.0 52.0

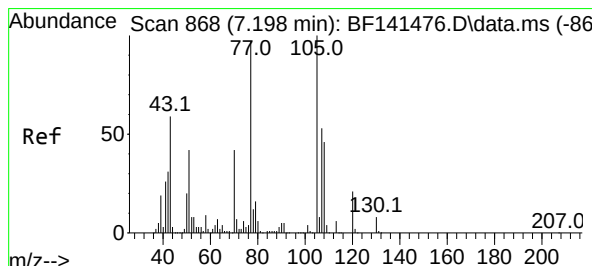
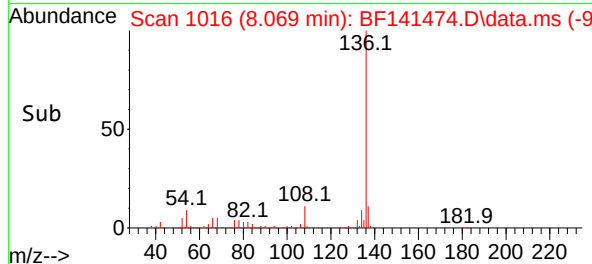
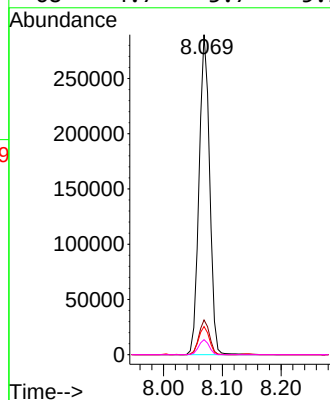
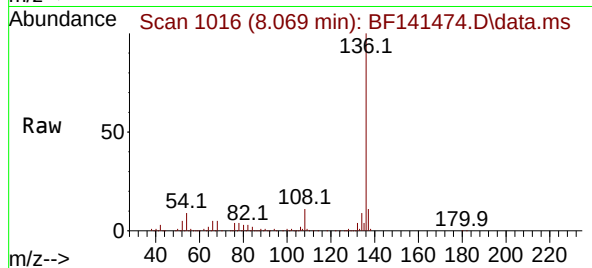




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

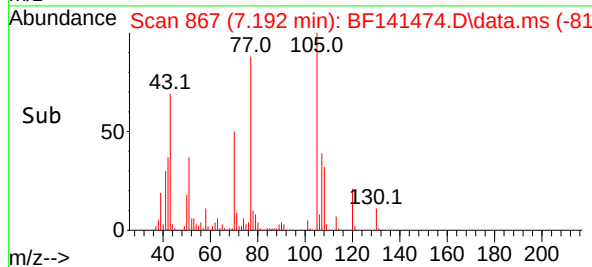
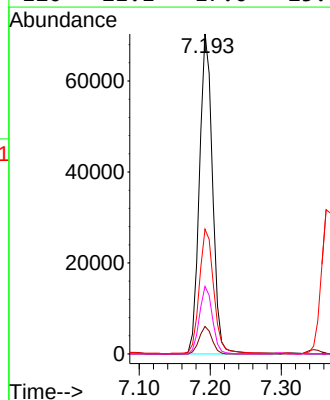
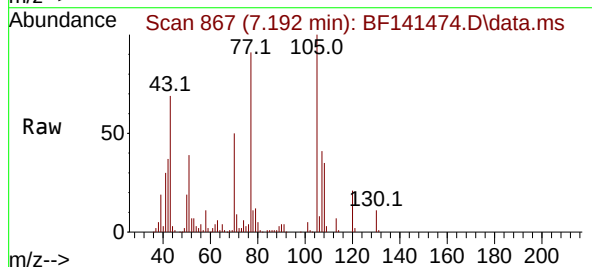
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

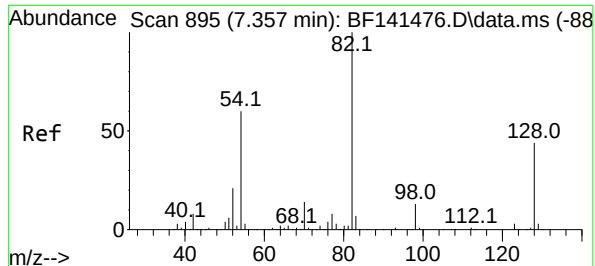
Tgt Ion:136 Resp: 361197
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.2 10.8
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 10.085 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:105 Resp: 90614
Ion Ratio Lower Upper
105 100
71 8.6 5.7 8.5#
51 39.0 33.7 50.5
120 21.1 17.0 25.6

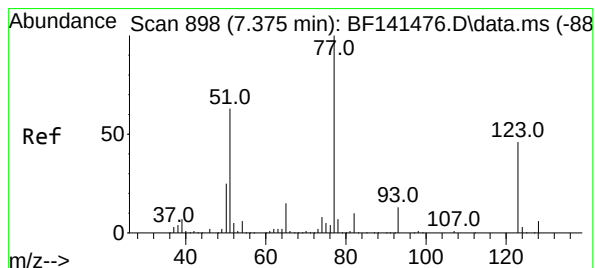
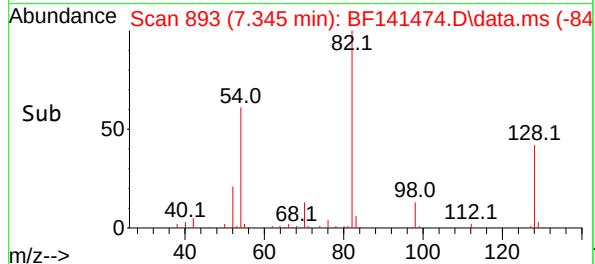
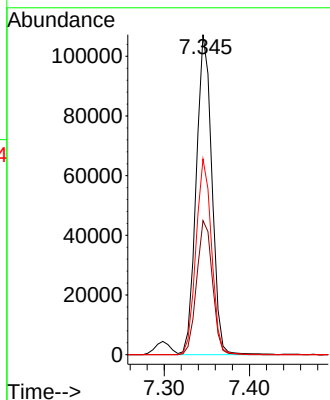
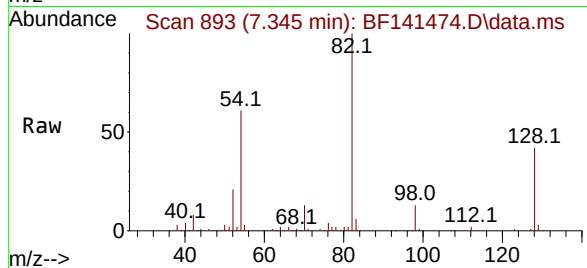




#23
Nitrobenzene-d5
Concen: 19.783 ng
RT: 7.345 min Scan# 891
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

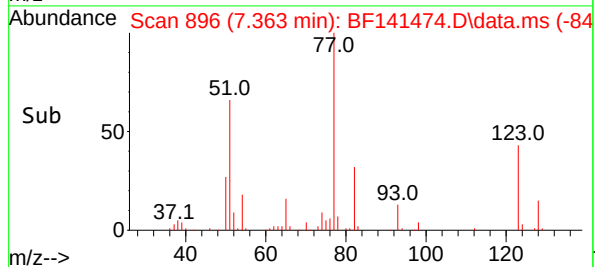
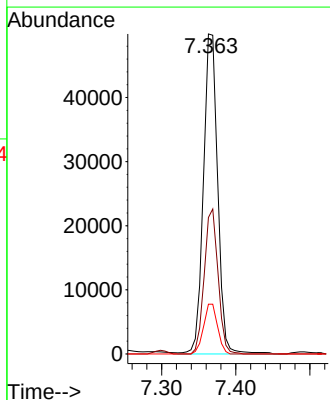
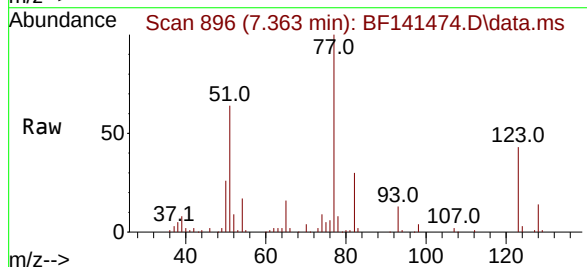
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

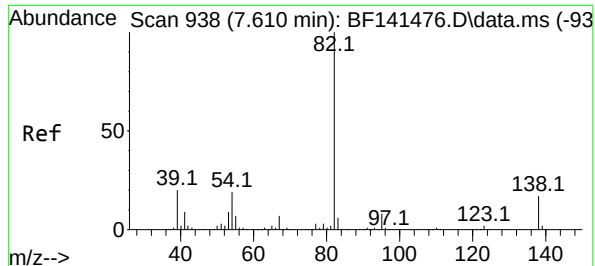
Tgt Ion: 82 Resp: 136996
Ion Ratio Lower Upper
82 100
128 41.9 34.8 52.2
54 61.2 48.2 72.4



#24
Nitrobenzene
Concen: 9.927 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 77 Resp: 67032
Ion Ratio Lower Upper
77 100
123 42.7 36.9 55.3
65 15.5 11.9 17.9

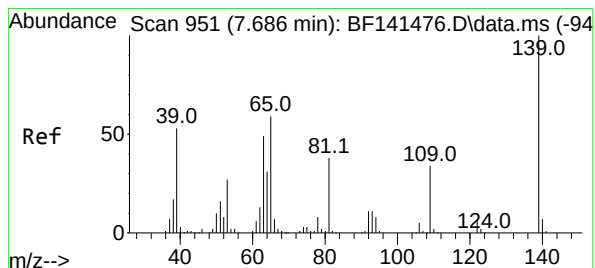
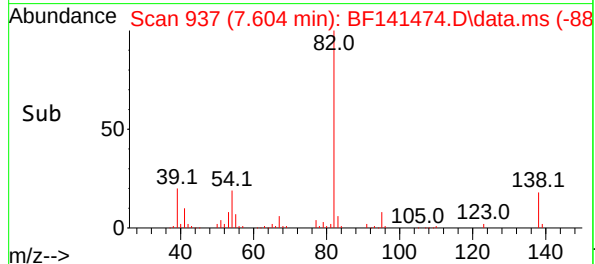
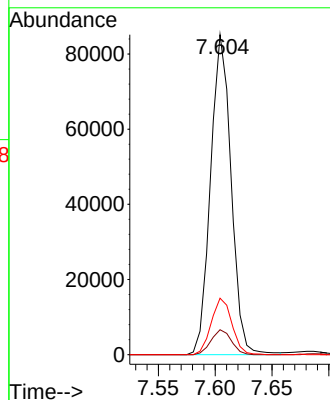
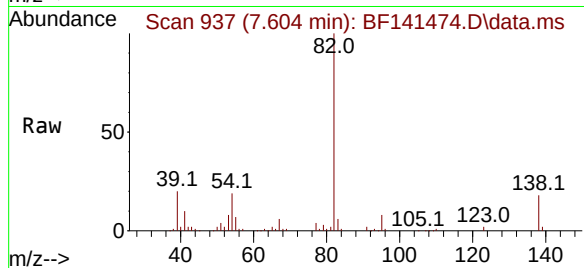




#25
Isophorone
Concen: 9.712 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

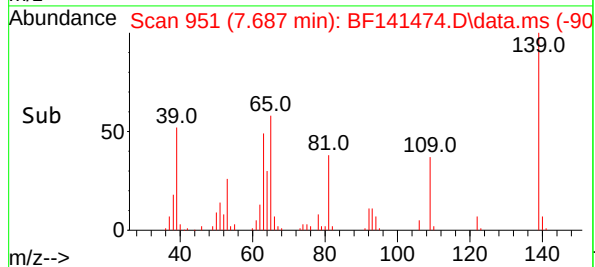
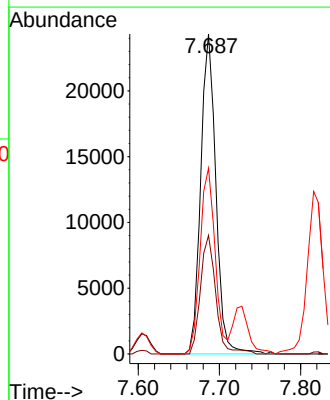
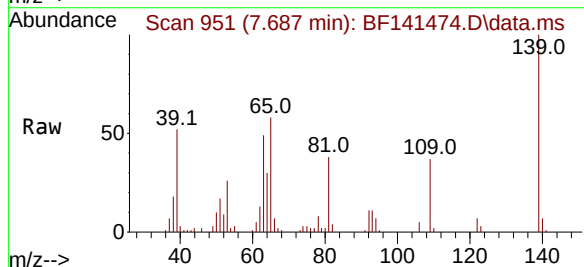
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

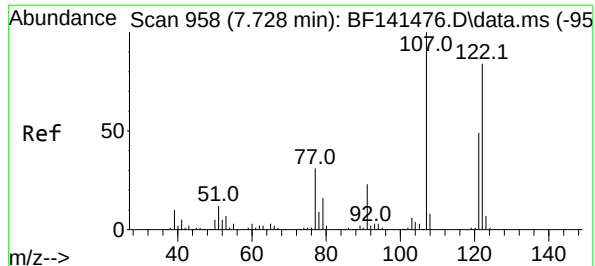
Tgt Ion: 82 Resp: 107242
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 9.403 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 139 Resp: 31590
Ion Ratio Lower Upper
139 100
109 37.1 27.0 40.6
65 58.1 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 9.759 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

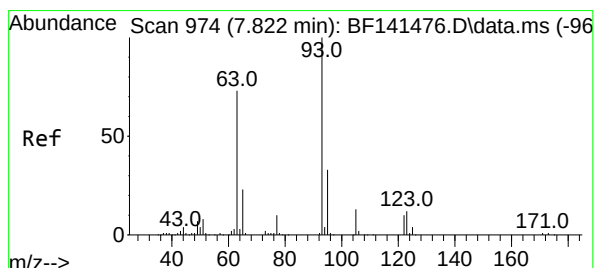
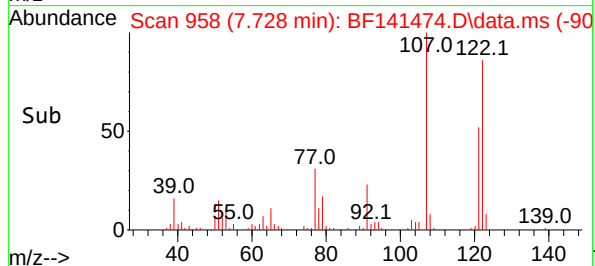
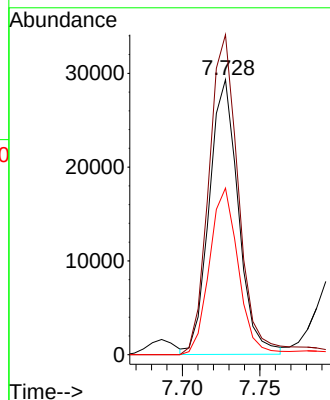
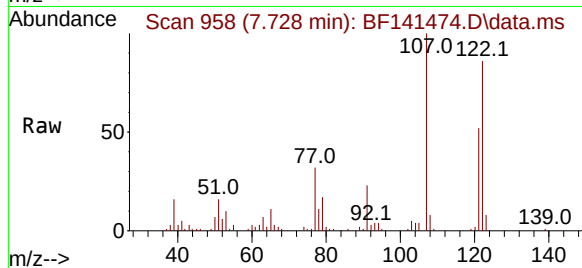
Tgt Ion:122 Resp: 38303

Ion Ratio Lower Upper

122 100

107 116.3 94.3 141.5

121 60.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 9.958 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

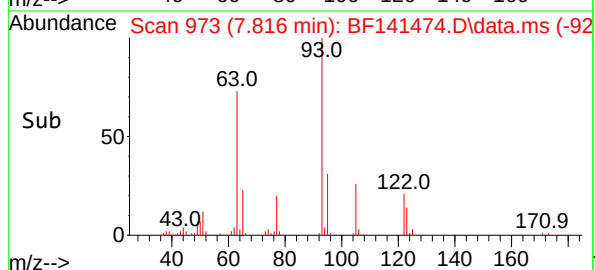
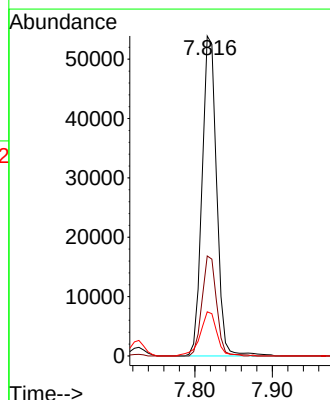
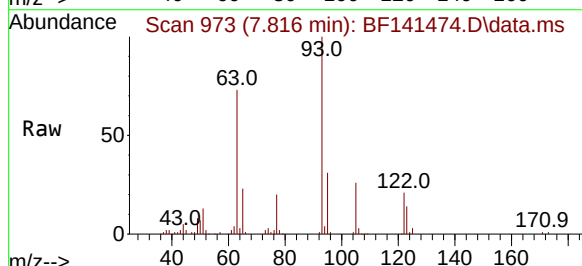
Tgt Ion: 93 Resp: 70458

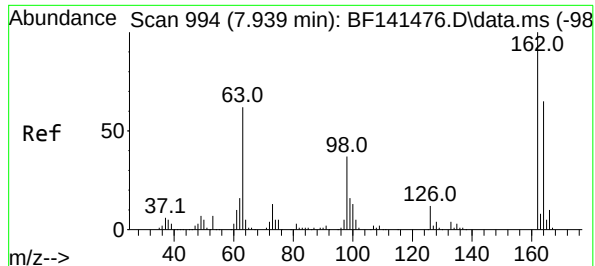
Ion Ratio Lower Upper

93 100

95 31.3 26.1 39.1

123 13.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 9.784 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

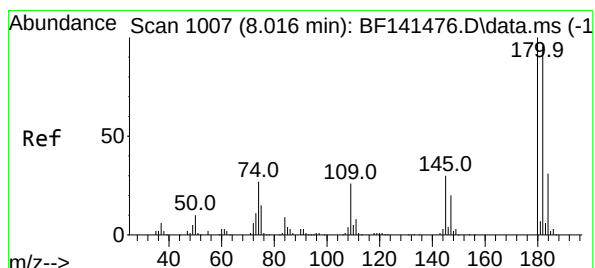
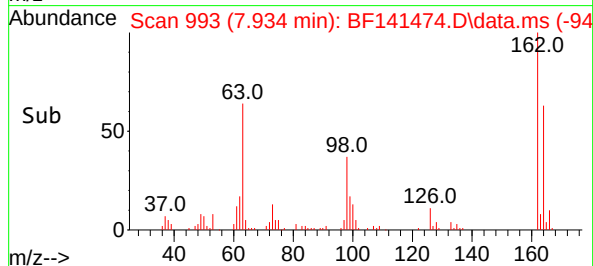
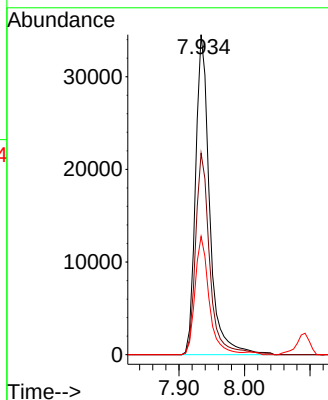
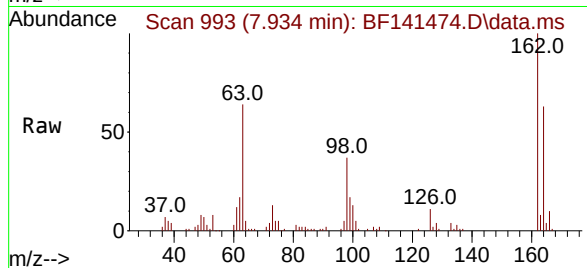
Tgt Ion:162 Resp: 51883

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 36.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 10.033 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

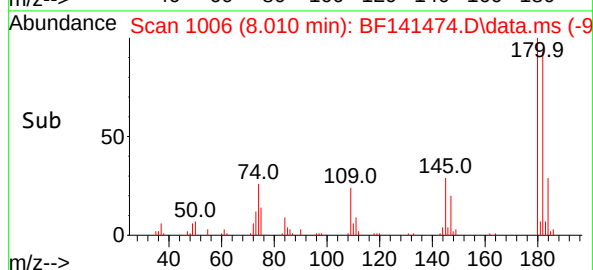
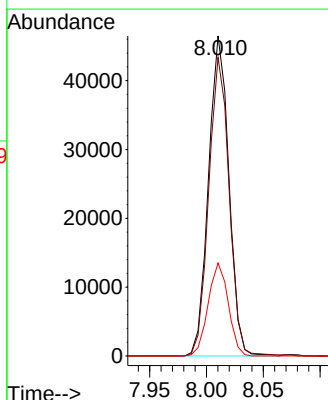
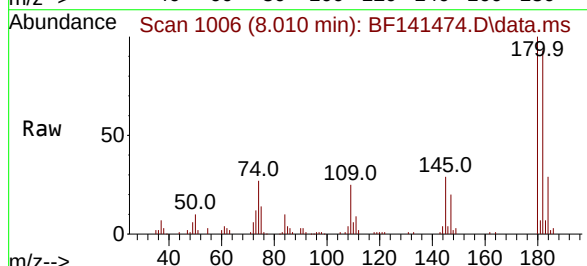
Tgt Ion:180 Resp: 57937

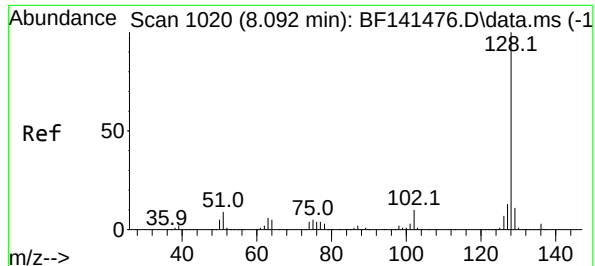
Ion Ratio Lower Upper

180 100

182 93.3 76.8 115.2

145 29.1 24.2 36.4





#31

Naphthalene

Concen: 10.002 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

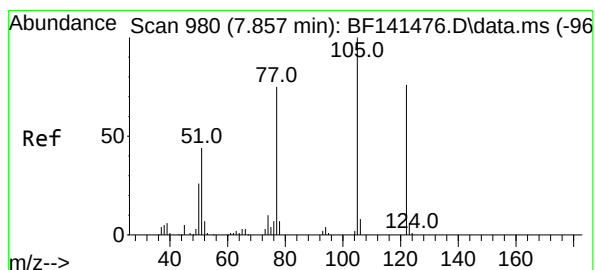
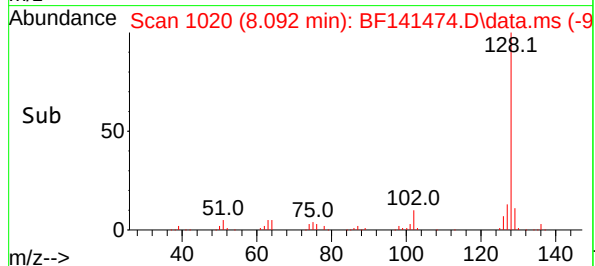
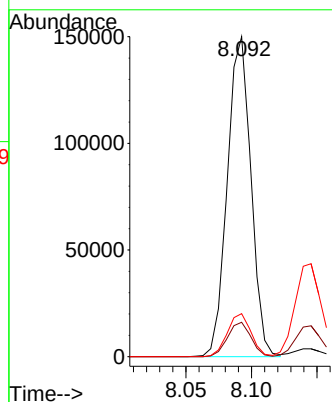
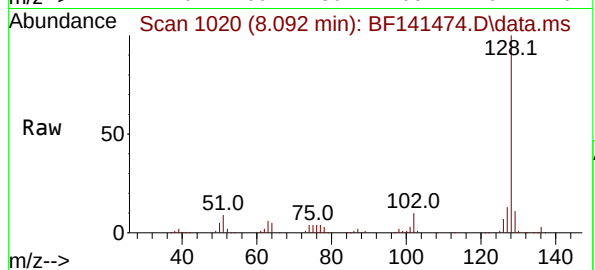
Tgt Ion:128 Resp: 188046

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 8.253 ng

RT: 7.810 min Scan# 972

Delta R.T. -0.082 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

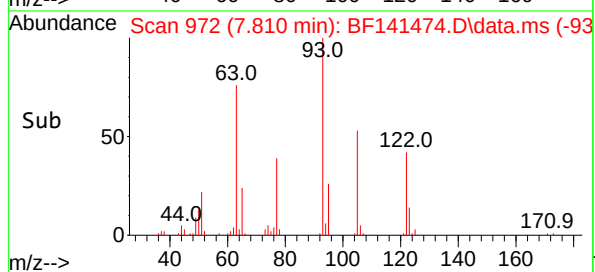
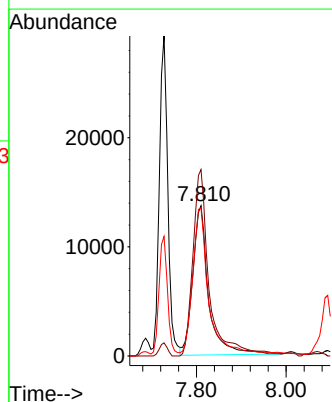
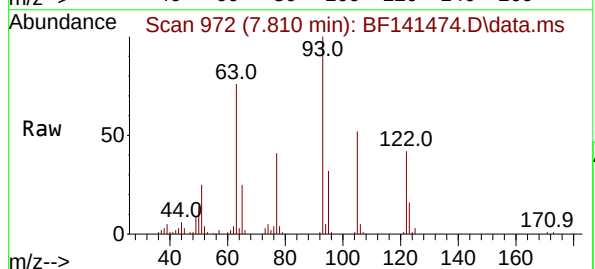
Tgt Ion:122 Resp: 33645

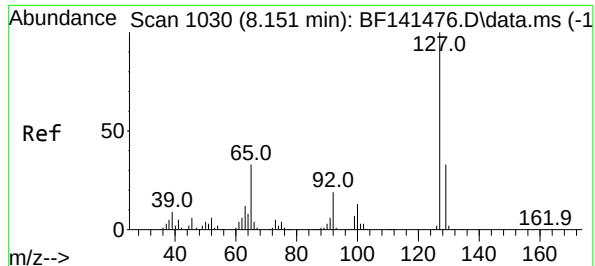
Ion Ratio Lower Upper

122 100

105 124.1 106.5 146.5

77 98.6 76.3 116.3

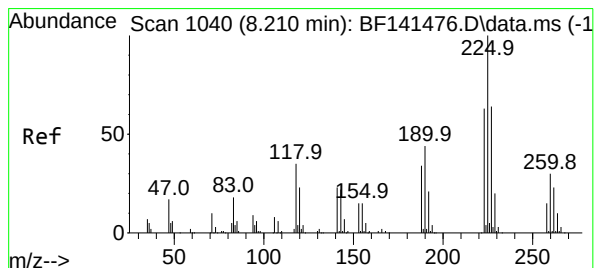
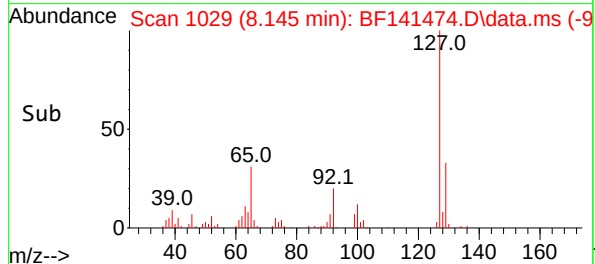
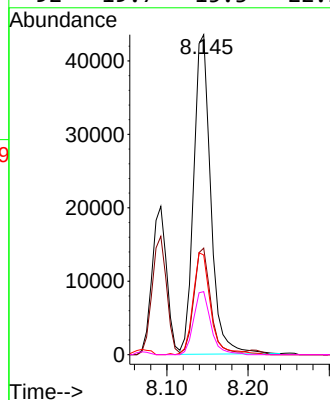
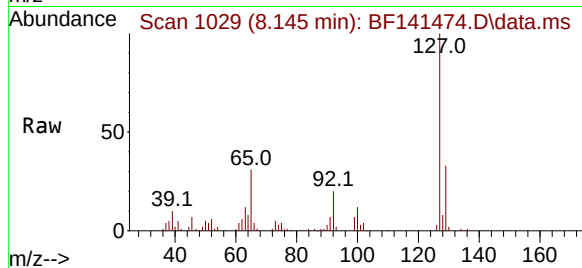




#33
4-Chloroaniline
Concen: 9.678 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

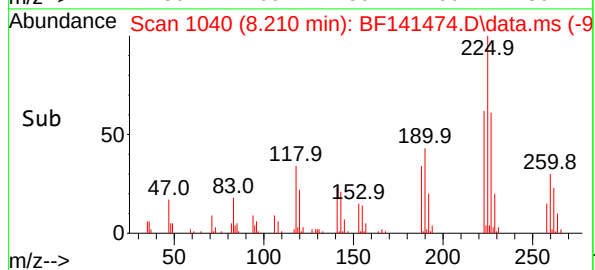
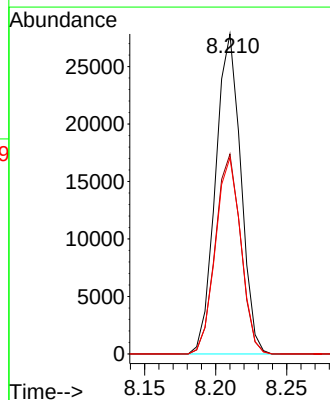
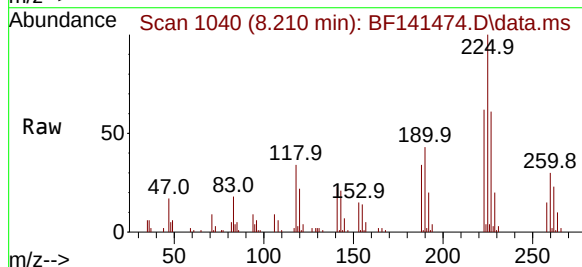
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

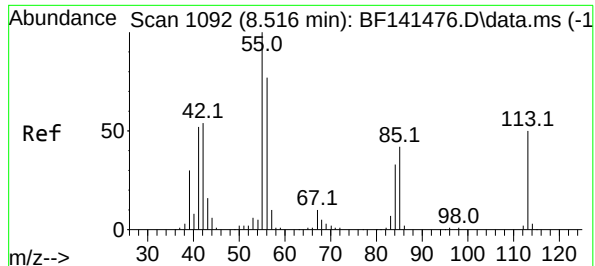
Tgt Ion:	127	Resp:	63529
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	31.2	26.4	39.6
92	19.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 9.932 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:	225	Resp:	34431
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	61.3	51.0	76.6

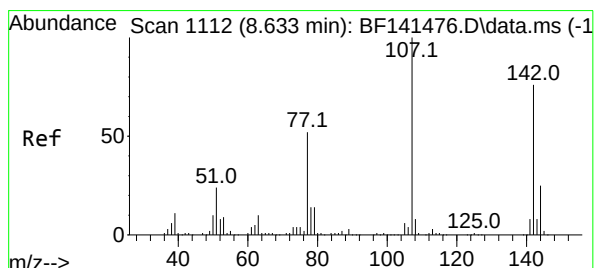
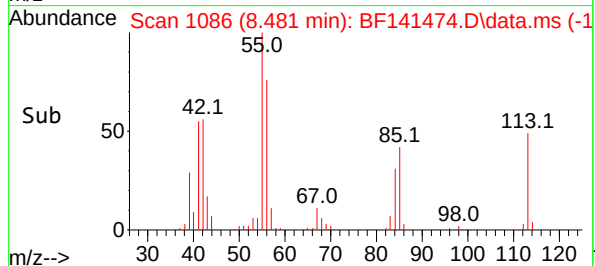
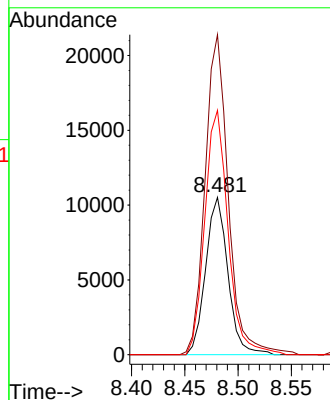
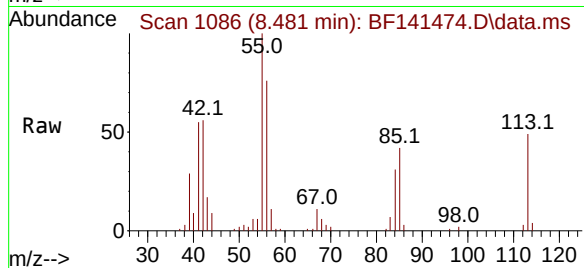




#35
Caprolactam
Concen: 9.495 ng
RT: 8.481 min Scan# 1086
Delta R.T. -0.065 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

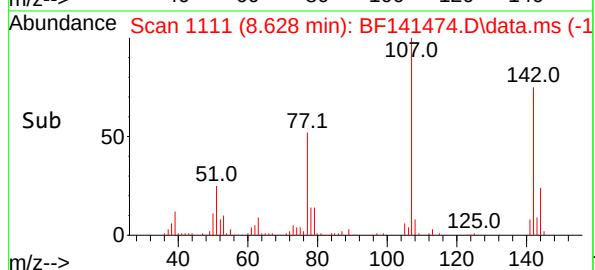
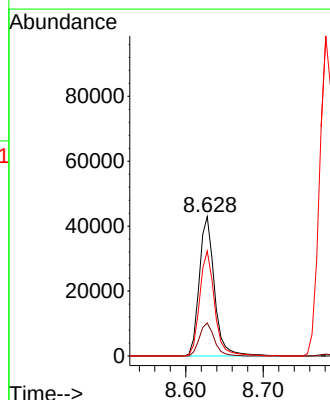
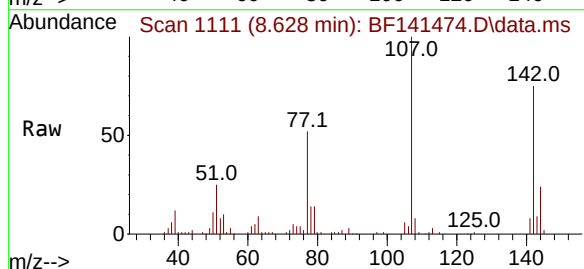
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

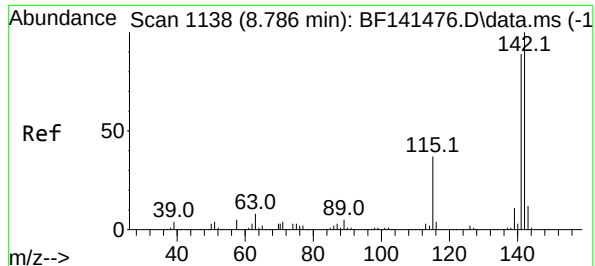
Tgt Ion:113 Resp: 15331
Ion Ratio Lower Upper
113 100
55 203.4 180.8 220.8
56 155.4 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 9.949 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:107 Resp: 58441
Ion Ratio Lower Upper
107 100
144 23.7 19.7 29.5
142 75.3 60.8 91.2

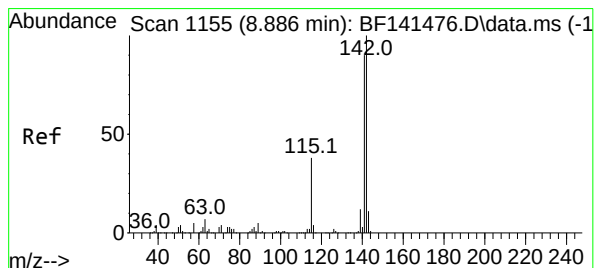
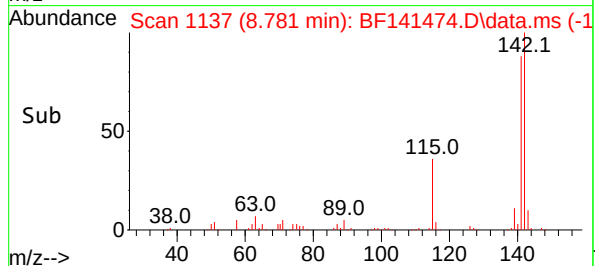
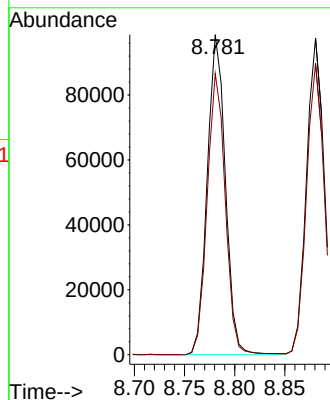
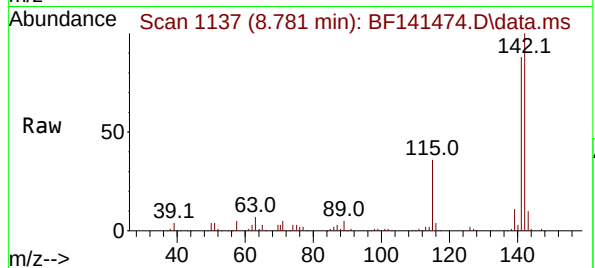




#37
2-Methylnaphthalene
Concen: 10.177 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

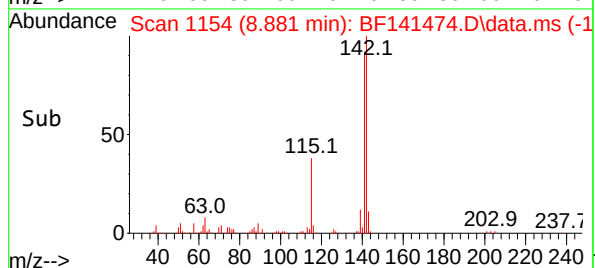
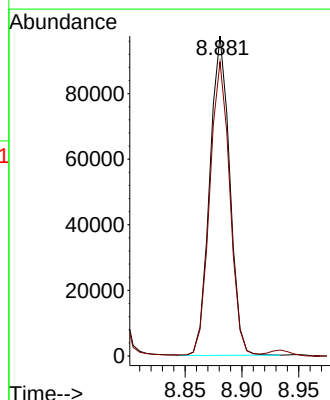
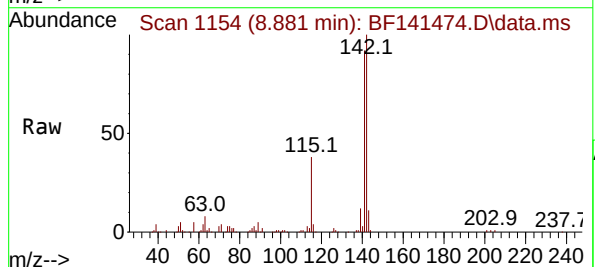
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

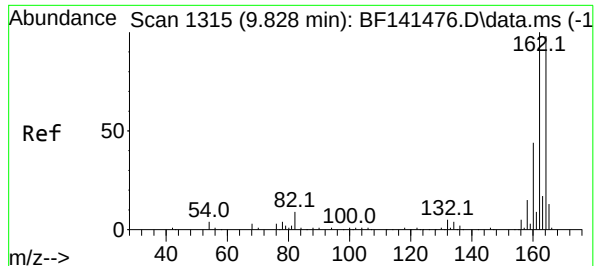
Tgt Ion:142 Resp: 124517
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 10.019 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:142 Resp: 118722
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

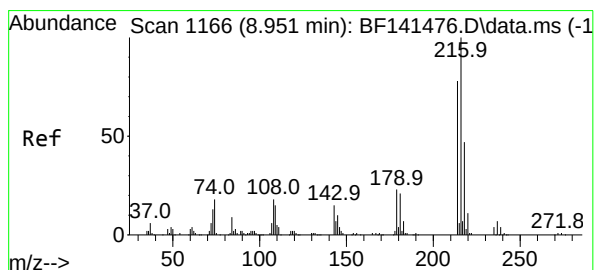
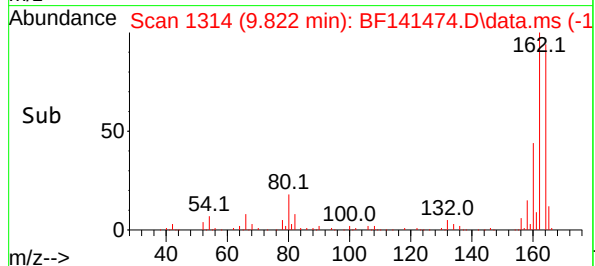
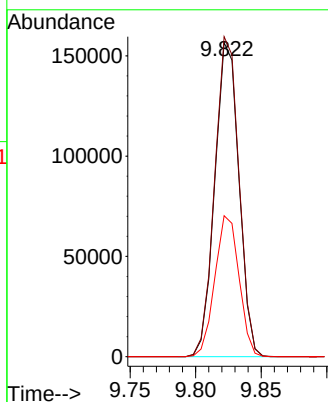
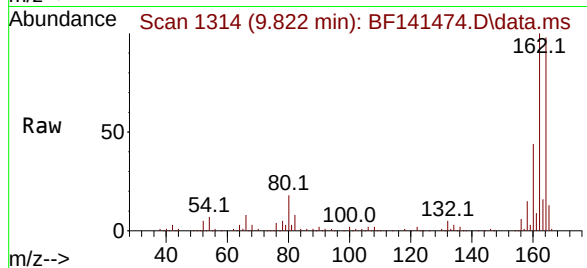
Tgt Ion:164 Resp: 200046

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.160 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Tgt Ion:216 Resp: 58800

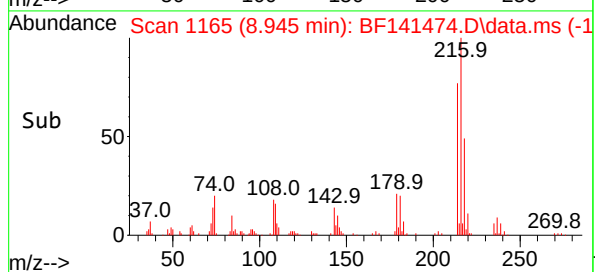
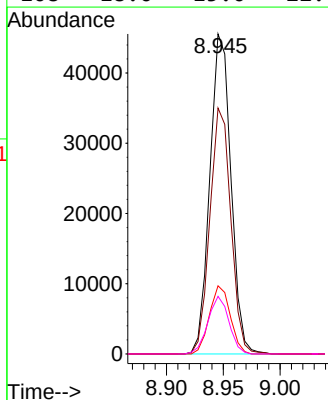
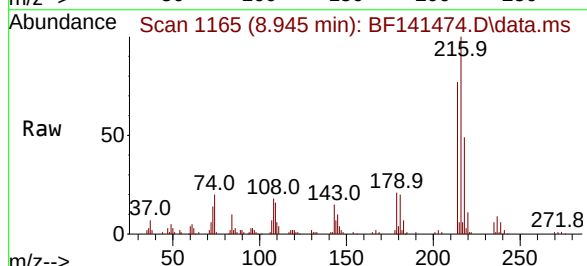
Ion Ratio Lower Upper

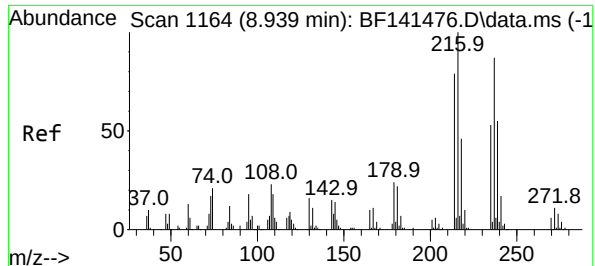
216 100

214 76.5 62.3 93.5

179 21.1 18.0 27.0

108 18.0 15.0 22.6

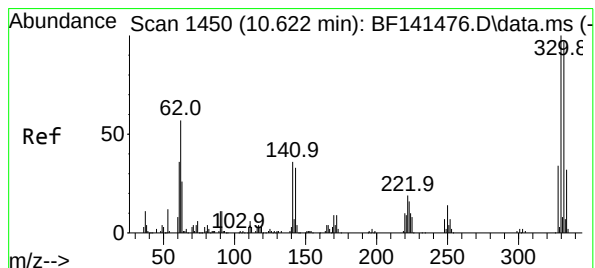
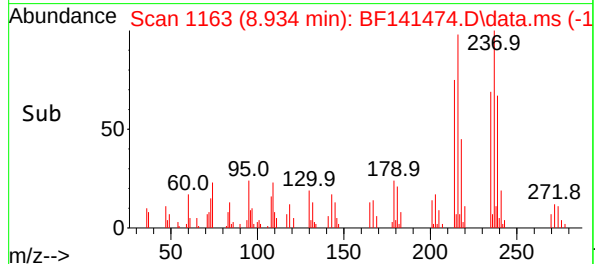
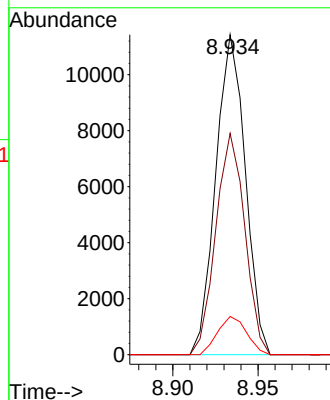
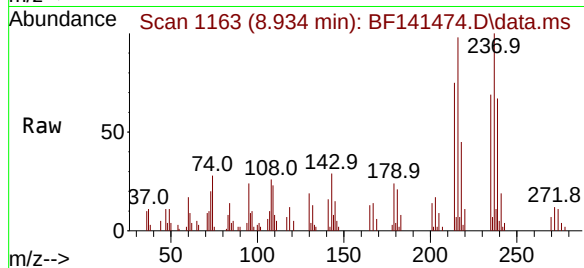




#41
Hexachlorocyclopentadiene
Concen: 7.161 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

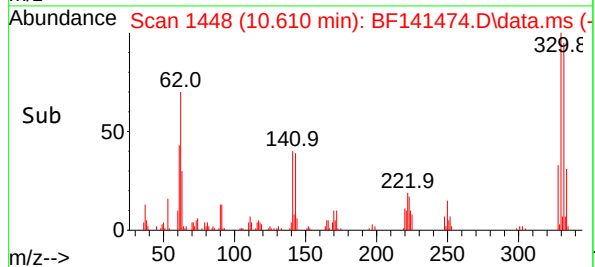
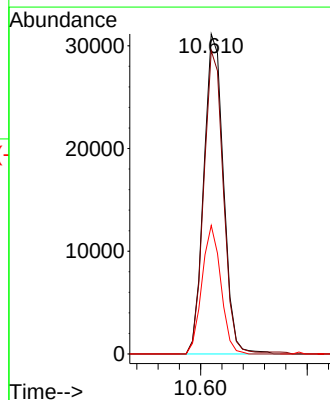
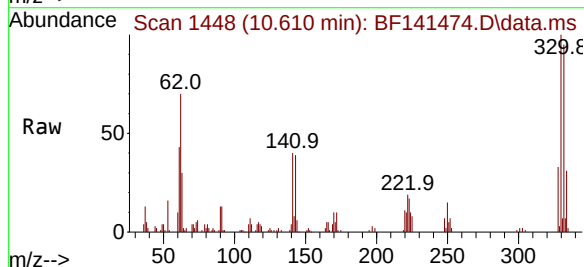
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

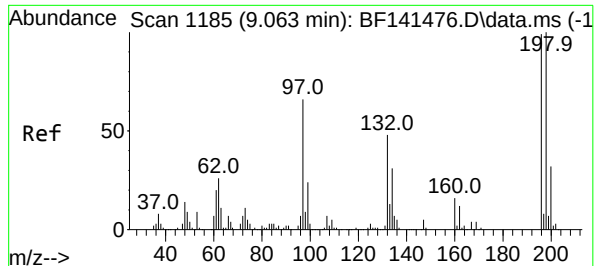
Tgt Ion:237 Resp: 13785
Ion Ratio Lower Upper
237 100
235 69.2 41.4 81.4
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 19.941 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:330 Resp: 40073
Ion Ratio Lower Upper
330 100
332 94.1 78.5 117.7
141 38.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 9.773 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

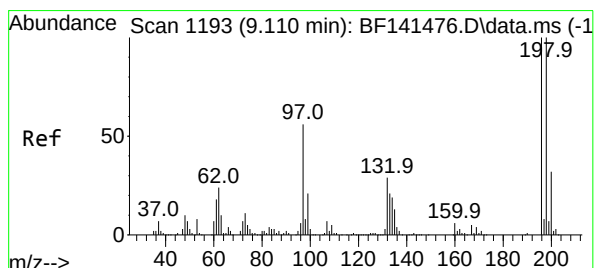
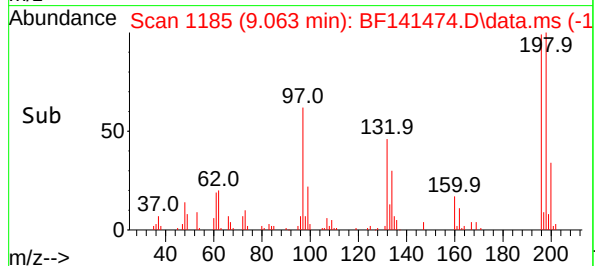
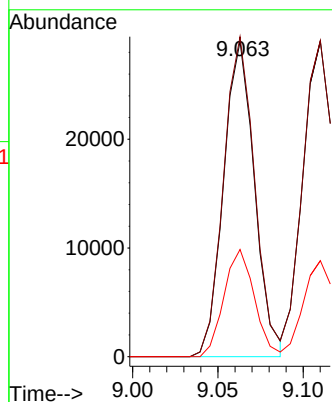
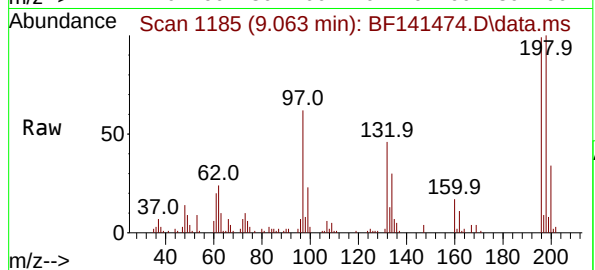
Tgt Ion:196 Resp: 36558

Ion Ratio Lower Upper

196 100

198 101.5 80.6 121.0

200 34.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 10.039 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Tgt Ion:196 Resp: 40697

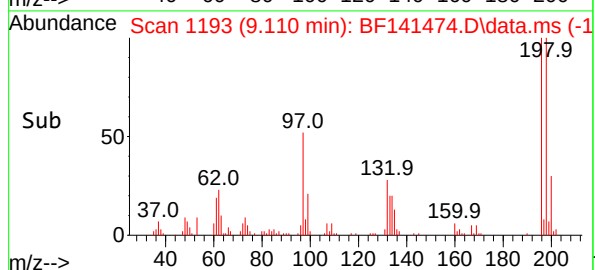
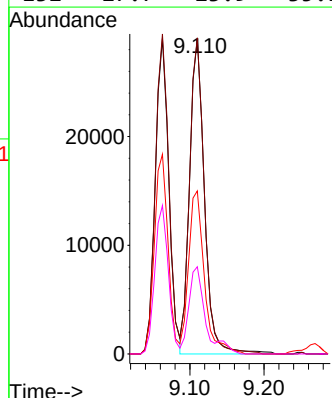
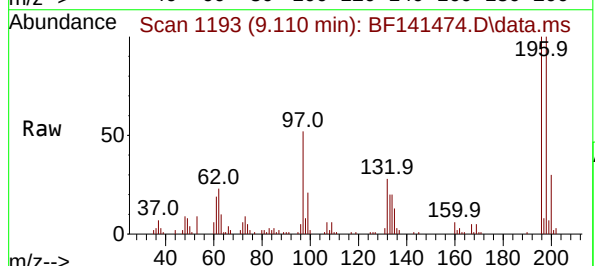
Ion Ratio Lower Upper

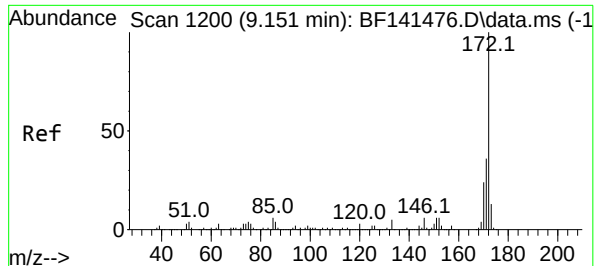
196 100

198 100.3 79.8 119.8

97 51.7 44.8 67.2

132 27.7 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 20.947 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

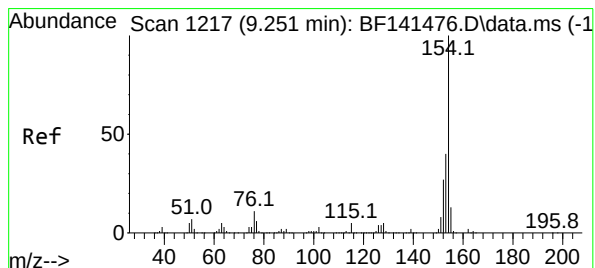
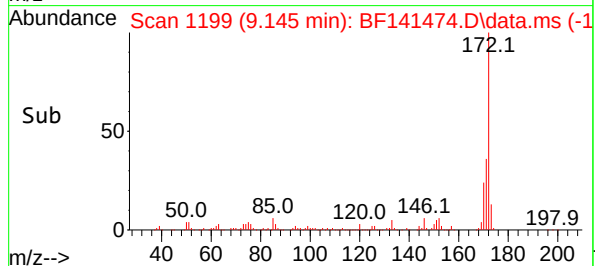
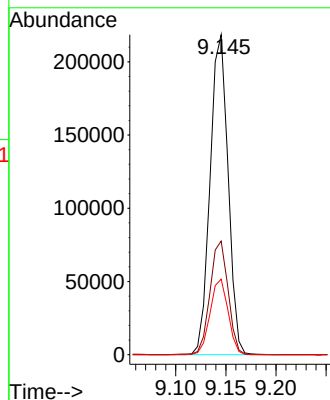
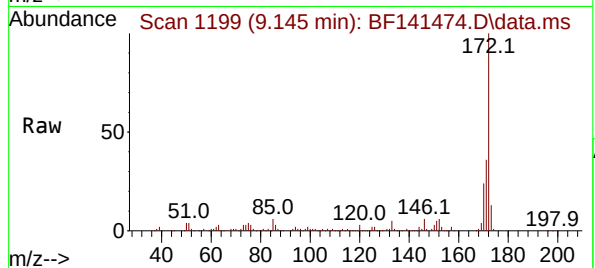
Tgt Ion:172 Resp: 271988

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 10.086 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

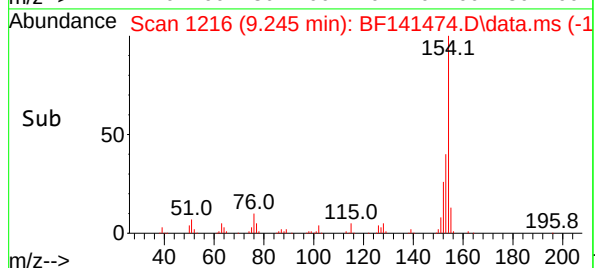
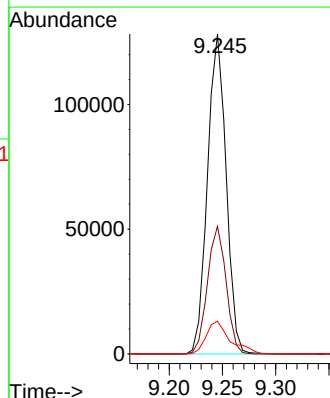
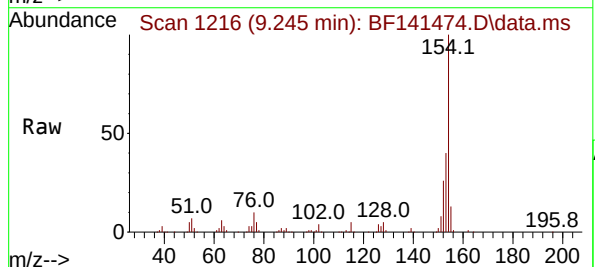
Tgt Ion:154 Resp: 156431

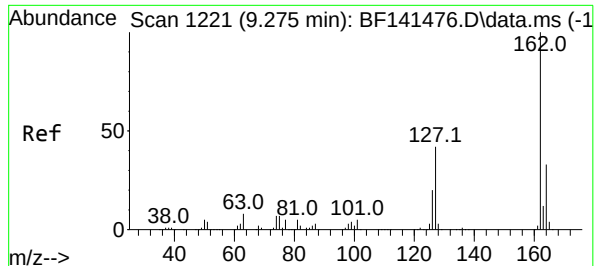
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 10.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 10.125 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141474.D

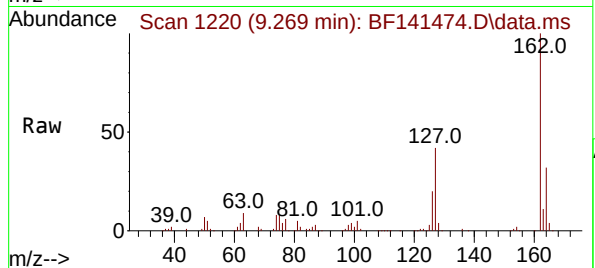
Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



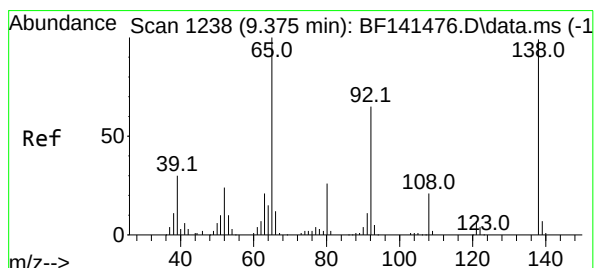
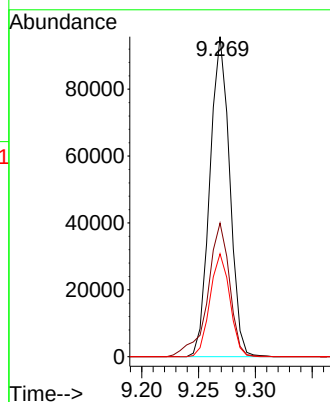
Tgt Ion:162 Resp: 116119

Ion Ratio Lower Upper

162 100

127 41.8 34.1 51.1

164 32.1 26.3 39.5



#48

2-Nitroaniline

Concen: 9.653 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

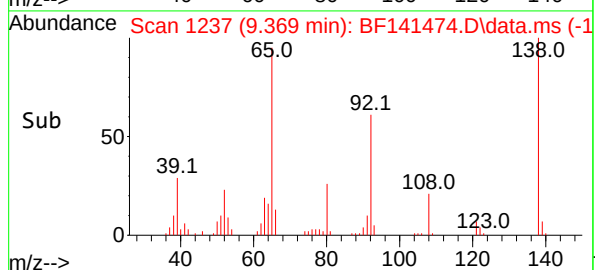
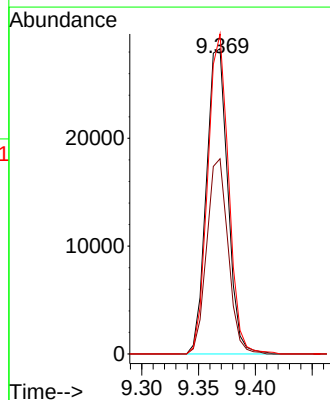
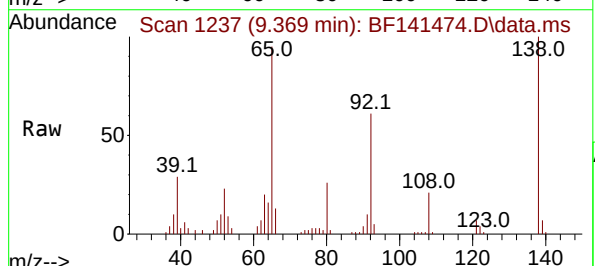
Tgt Ion: 65 Resp: 37155

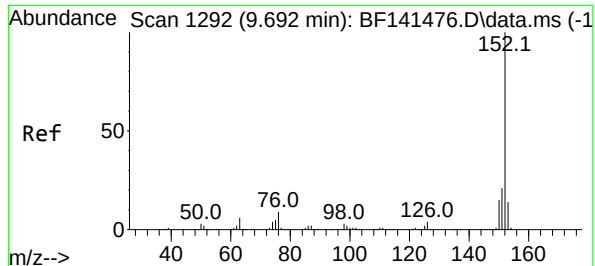
Ion Ratio Lower Upper

65 100

92 63.9 52.2 78.2

138 104.8 79.5 119.3





#49

Acenaphthylene

Concen: 10.179 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

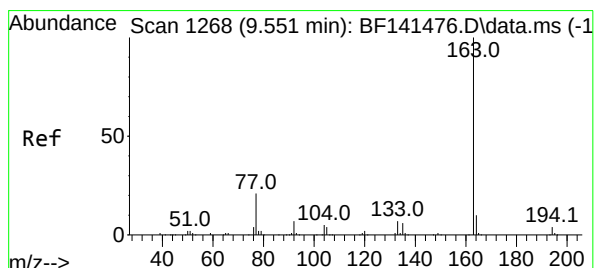
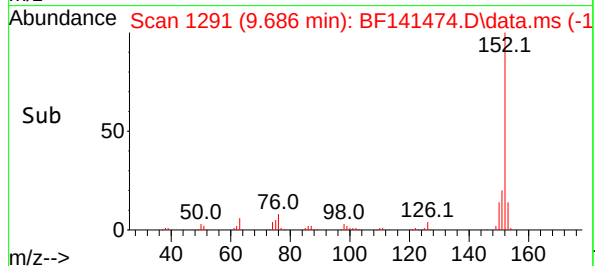
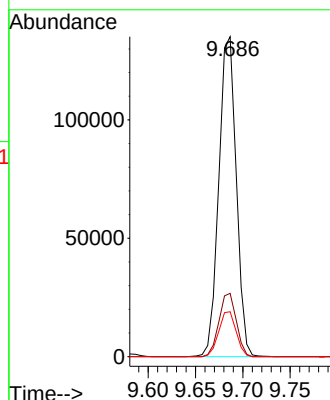
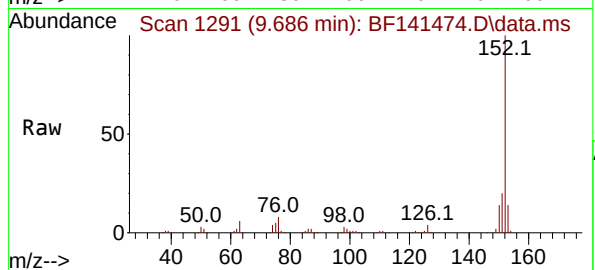
Tgt Ion:152 Resp: 173644

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 10.006 ng

RT: 9.545 min Scan# 1267

Delta R.T. -0.017 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

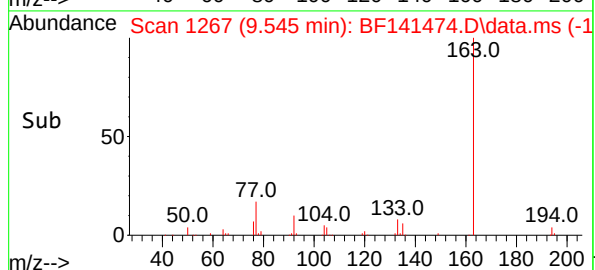
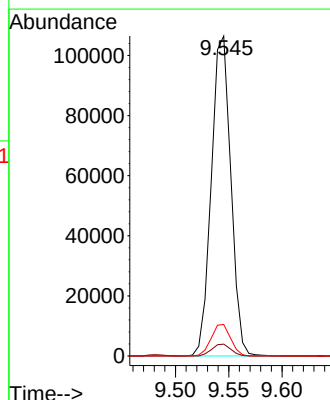
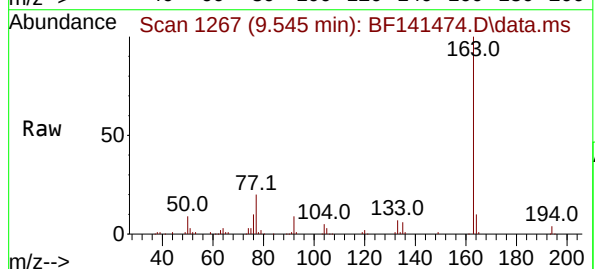
Tgt Ion:163 Resp: 135886

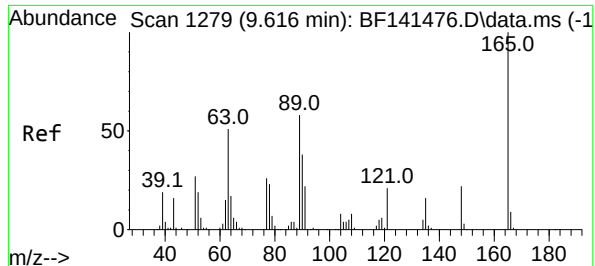
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.8 7.9 11.9

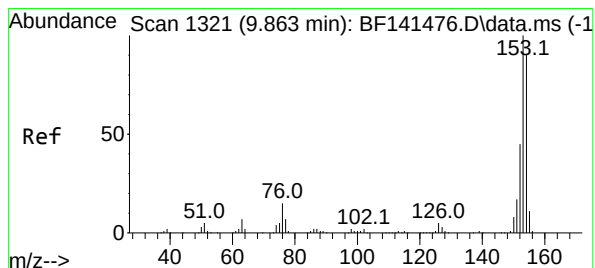
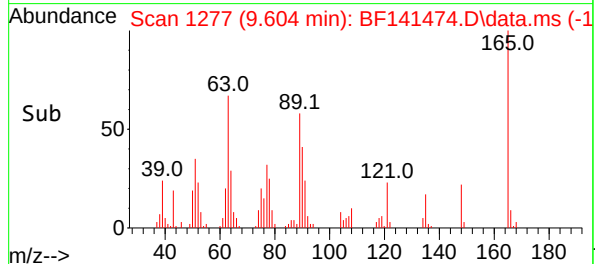
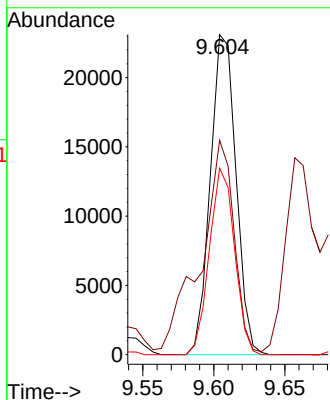
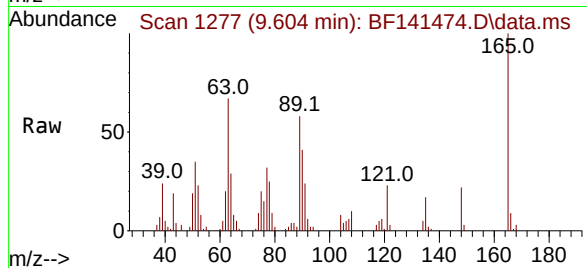




#51
2,6-Dinitrotoluene
Concen: 9.770 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

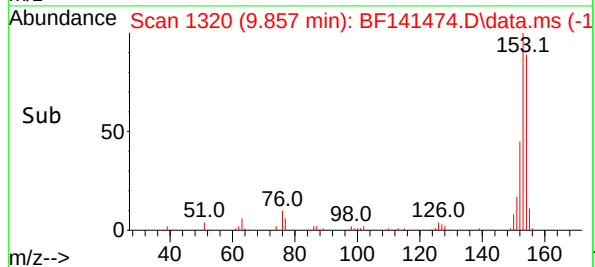
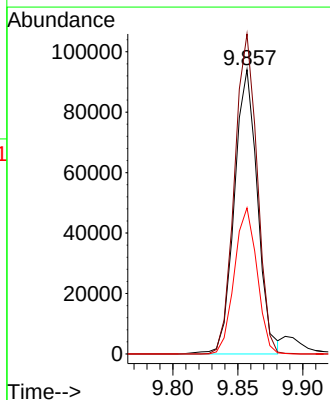
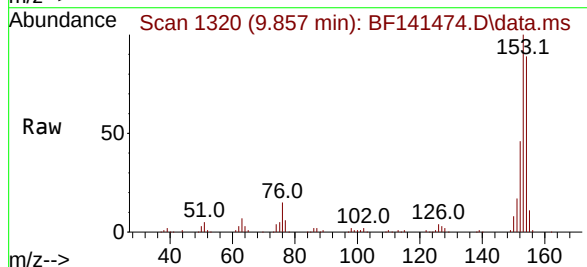
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

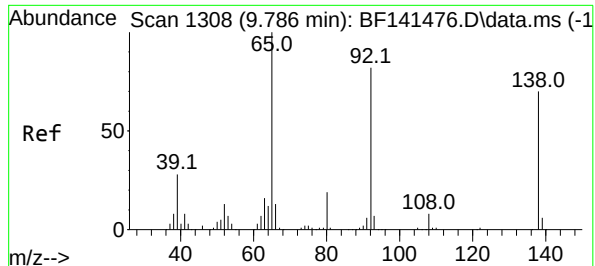
Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.0	49.4	74.0
89	58.2	46.5	69.7



#52
Acenaphthene
Concen: 10.155 ng m
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	51.4	39.8	59.8

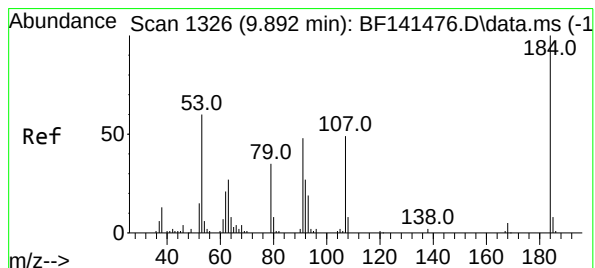
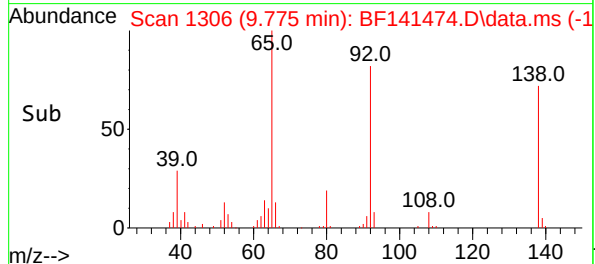
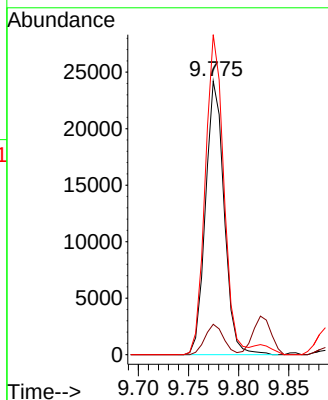
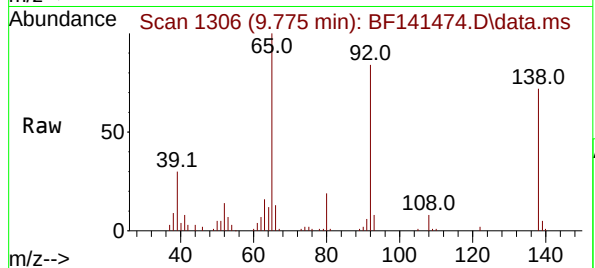




#53
3-Nitroaniline
Concen: 9.805 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

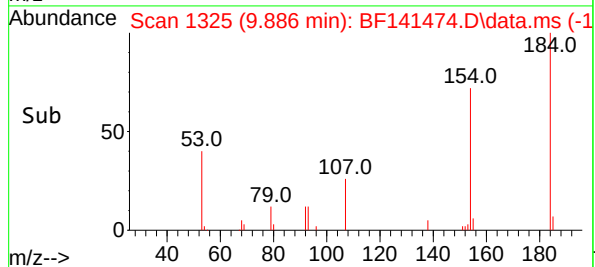
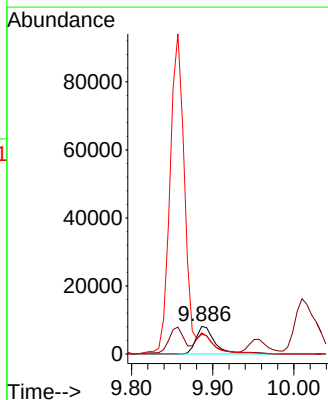
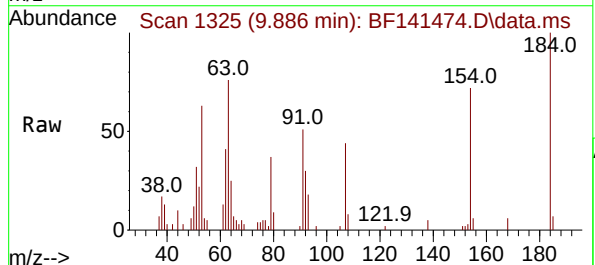
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

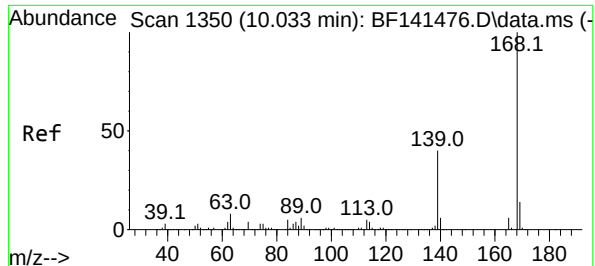
Tgt Ion:138 Resp: 31330
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 116.9 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 7.561 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:184 Resp: 13341
Ion Ratio Lower Upper
184 100
63 75.9 61.0 91.6
154 71.6 59.9 89.9





#55

Dibenzenofuran

Concen: 10.230 ng

RT: 10.028 min Scan# 1349

Delta R.T. -0.011 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

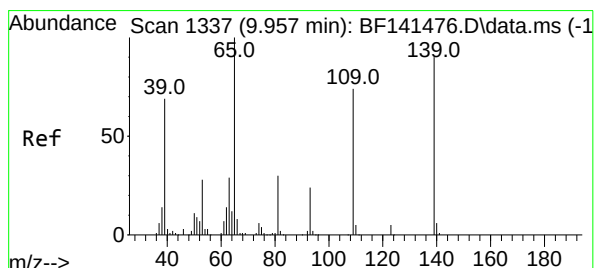
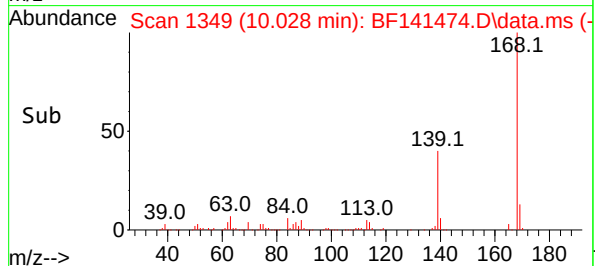
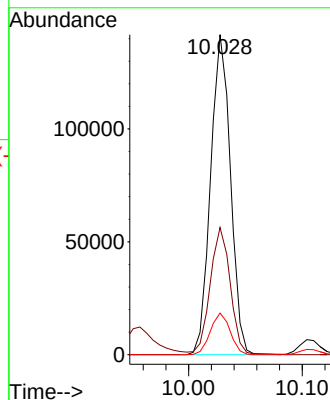
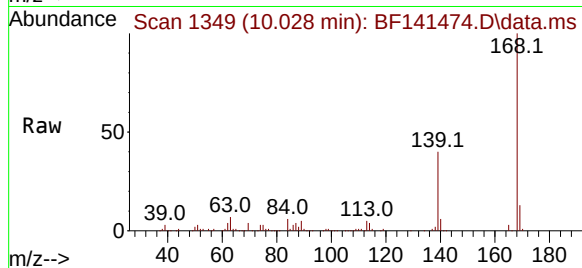
Tgt Ion:168 Resp: 172206

Ion Ratio Lower Upper

168 100

139 39.8 32.7 49.1

169 13.0 10.8 16.2



#56

4-Nitrophenol

Concen: 9.093 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

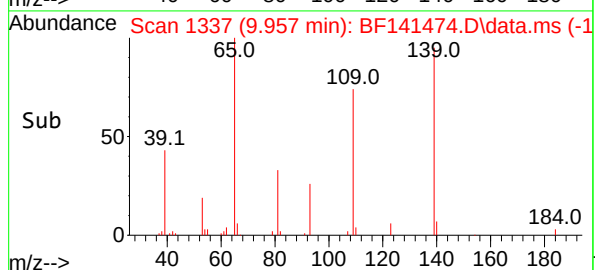
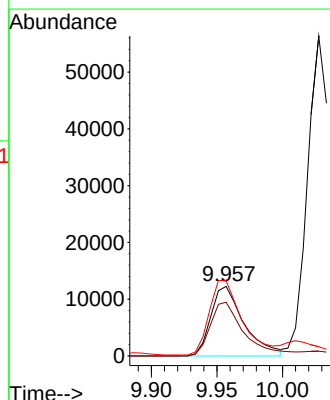
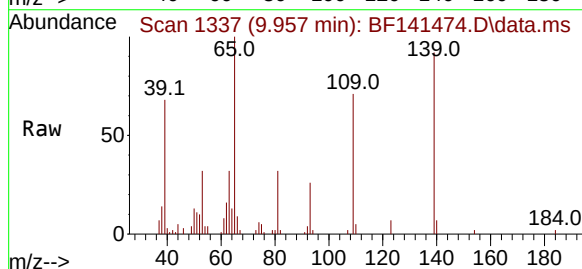
Tgt Ion:139 Resp: 21569

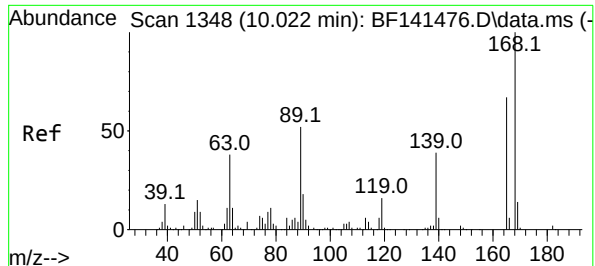
Ion Ratio Lower Upper

139 100

109 77.2 62.0 102.0

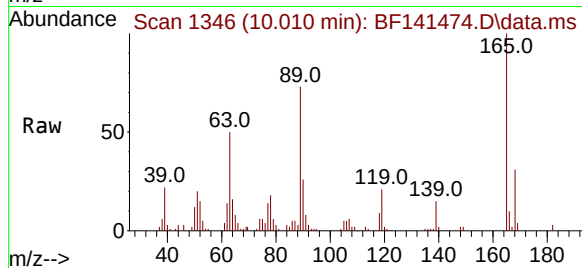
65 108.2 91.2 131.2



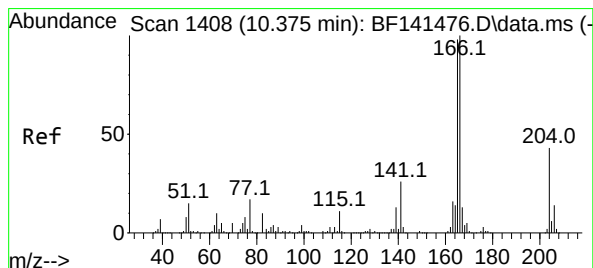
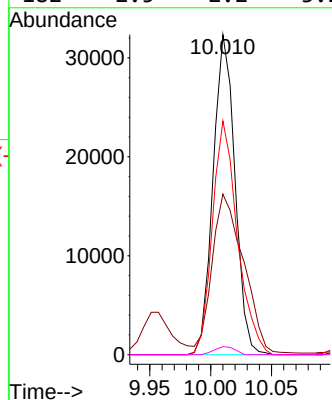
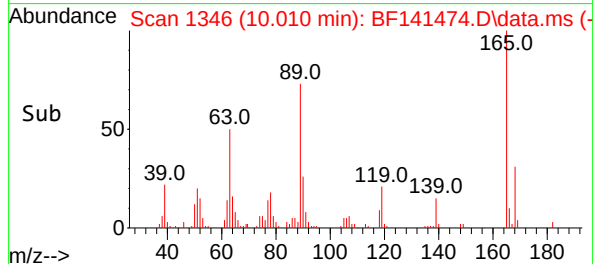


#57
2,4-Dinitrotoluene
Concen: 10.198 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

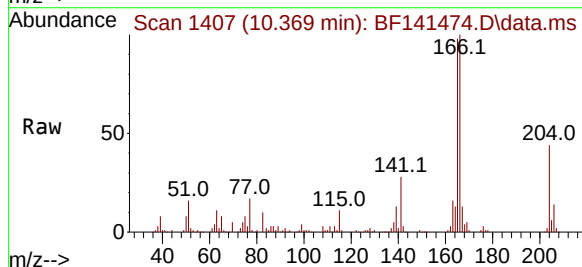
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



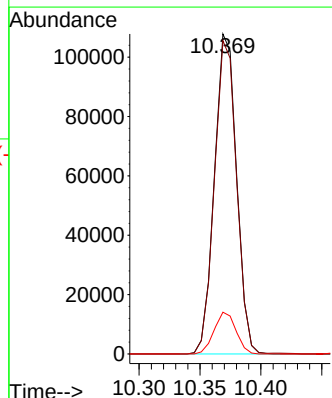
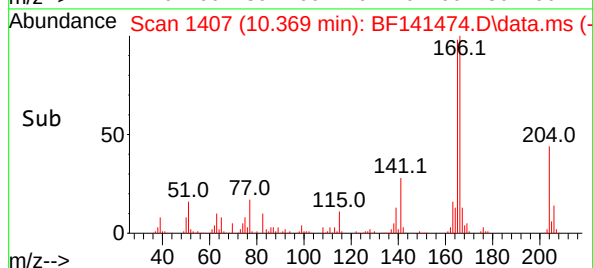
Tgt Ion:165 Resp: 40306
Ion Ratio Lower Upper
165 100
63 50.1 46.4 69.6
89 73.1 61.8 92.6
182 2.5 2.2 3.2

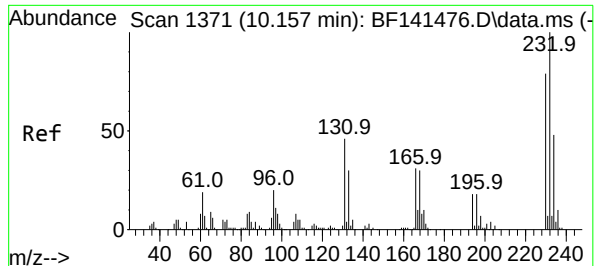


#58
Fluorene
Concen: 10.458 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00



Tgt Ion:166 Resp: 136110
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.344 ng

RT: 10.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:232 Resp: 36102

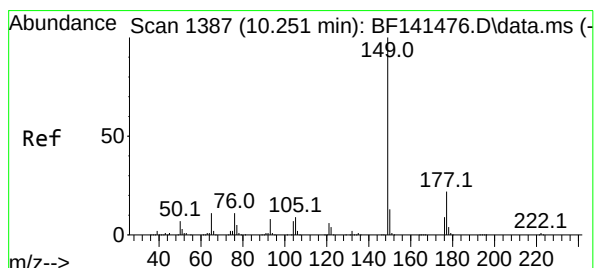
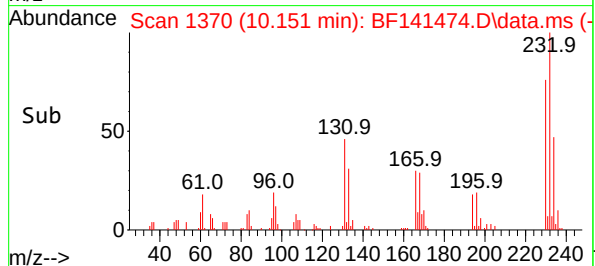
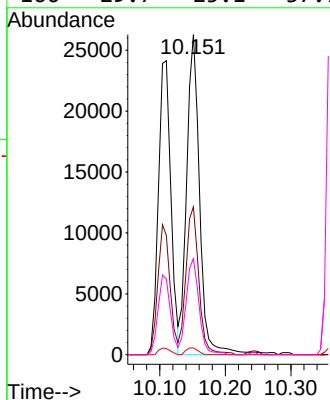
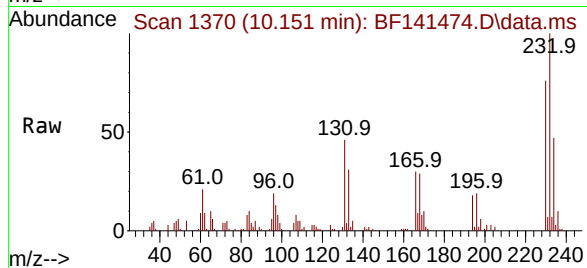
Ion Ratio Lower Upper

232 100

131 45.8 39.2 58.8

130 1.9 2.1 3.1#

166 29.7 25.1 37.7



#60

Diethylphthalate

Concen: 10.073 ng

RT: 10.245 min Scan# 1386

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

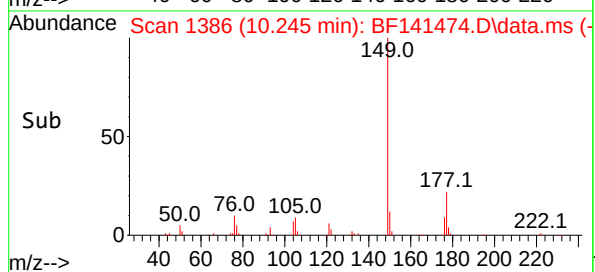
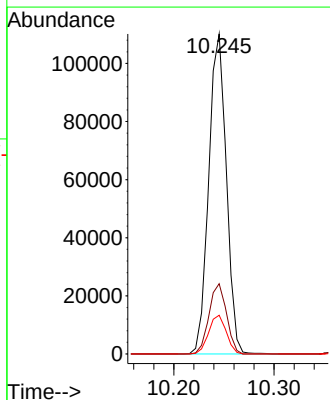
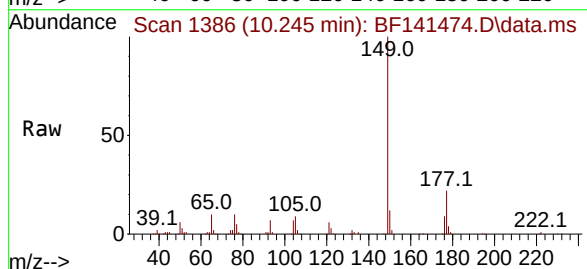
Tgt Ion:149 Resp: 134593

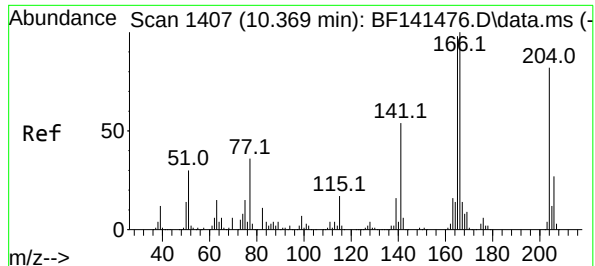
Ion Ratio Lower Upper

149 100

177 22.0 17.8 26.6

150 12.1 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 10.270 ng

RT: 10.363 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

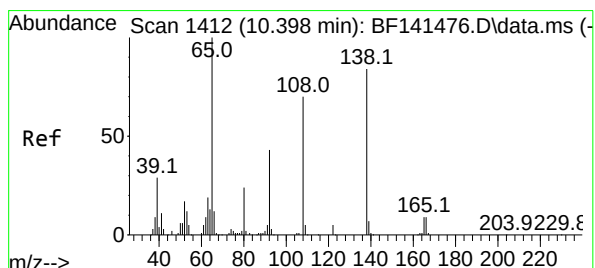
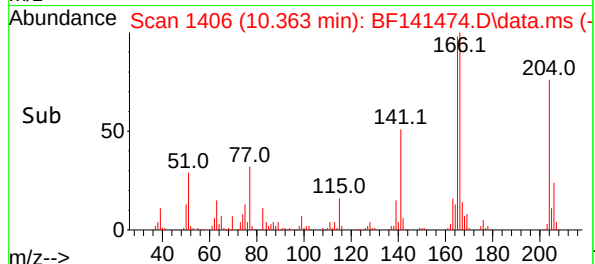
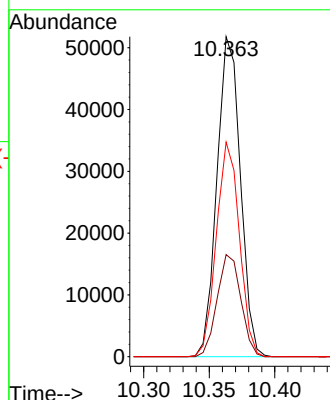
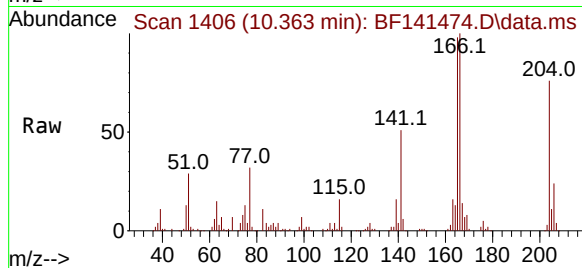
Tgt Ion:204 Resp: 64305

Ion Ratio Lower Upper

204 100

206 31.9 26.6 40.0

141 67.1 51.9 77.9



#62

4-Nitroaniline

Concen: 9.842 ng

RT: 10.386 min Scan# 1410

Delta R.T. -0.029 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

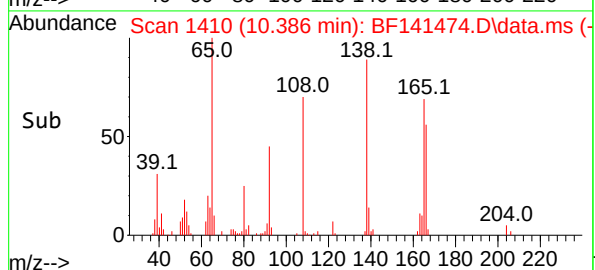
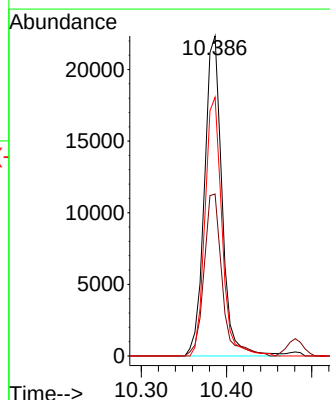
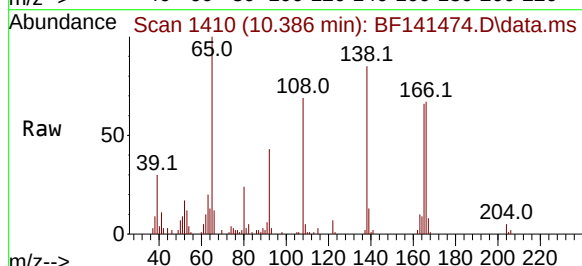
Tgt Ion:138 Resp: 31934

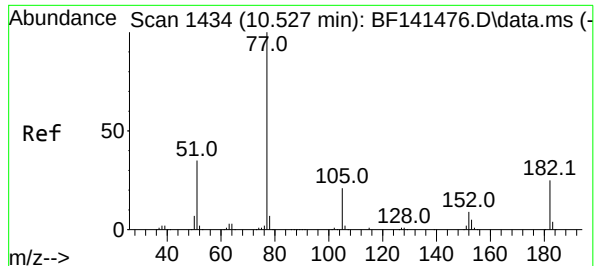
Ion Ratio Lower Upper

138 100

92 50.6 31.3 71.3

108 80.8 63.7 103.7

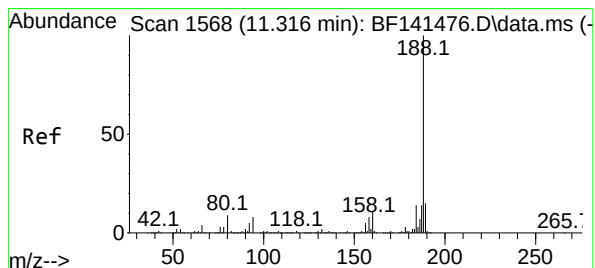
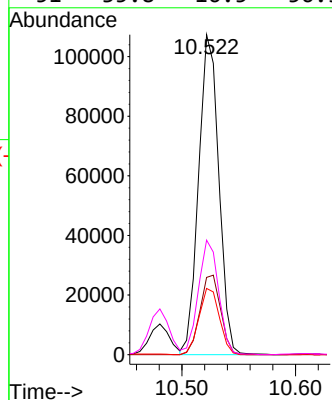
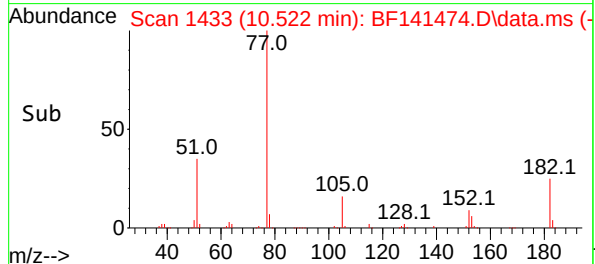
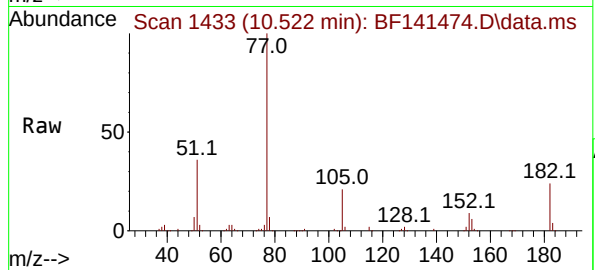




#63
Azobenzene
Concen: 10.010 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

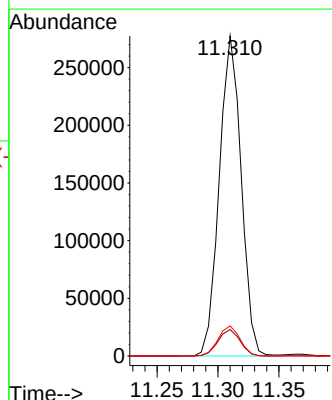
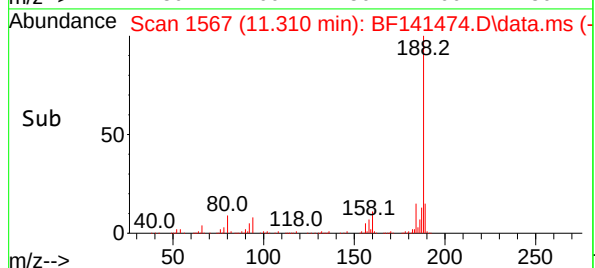
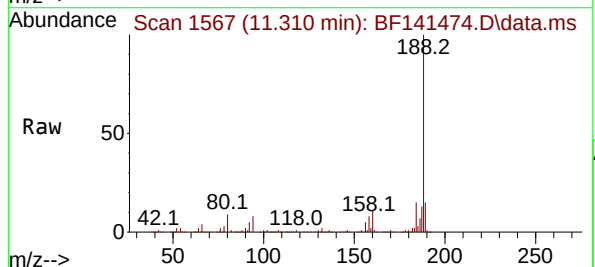
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

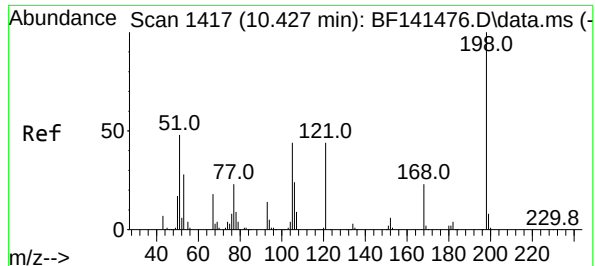
Tgt Ion: 77 Resp: 132968
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 20.7 0.4 40.4
51 35.8 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion: 188 Resp: 347312
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.4 7.3 10.9

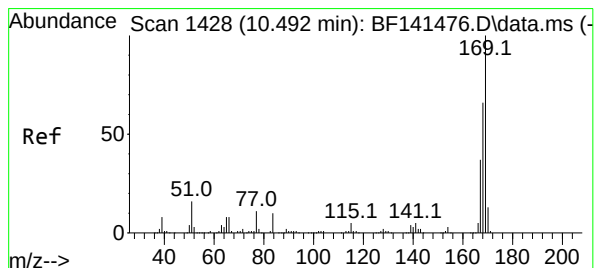
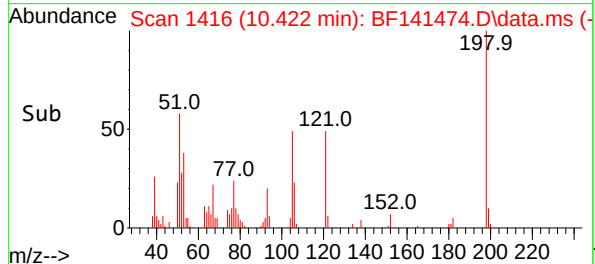
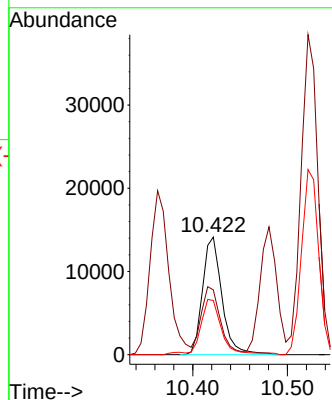
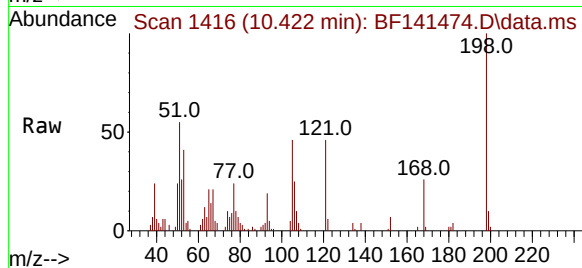




#65
4,6-Dinitro-2-methylphenol
Concen: 8.320 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

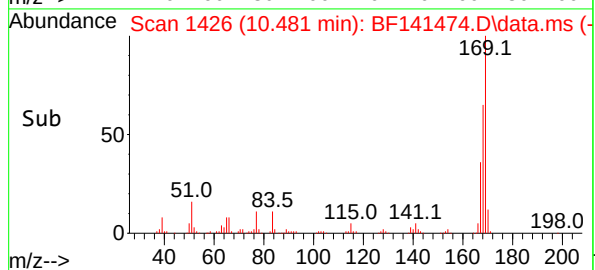
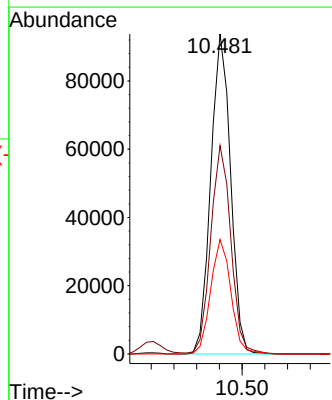
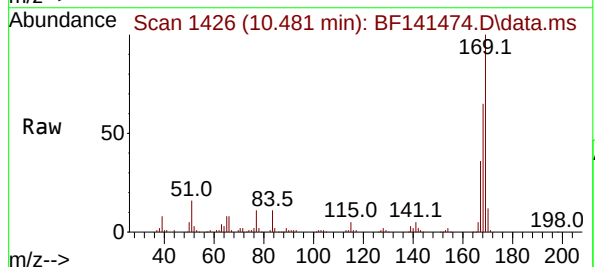
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

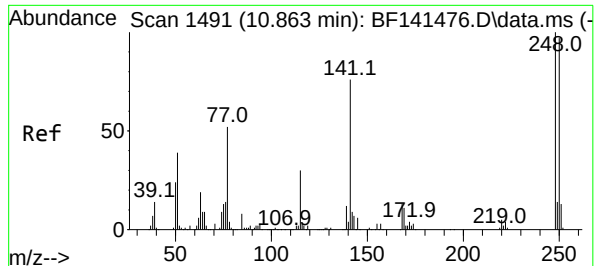
Tgt Ion:198 Resp: 20074
Ion Ratio Lower Upper
198 100
51 55.2 37.4 77.4
105 46.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 10.201 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:169 Resp: 113408
Ion Ratio Lower Upper
169 100
168 65.1 53.3 79.9
167 35.7 29.4 44.2

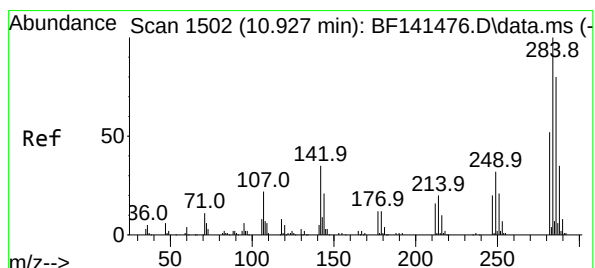
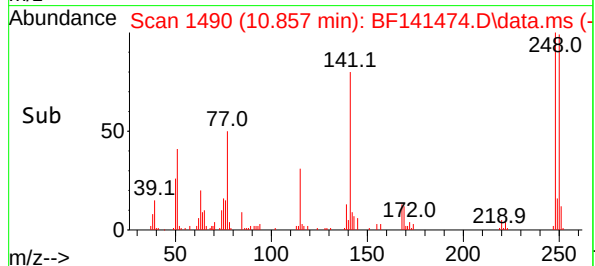
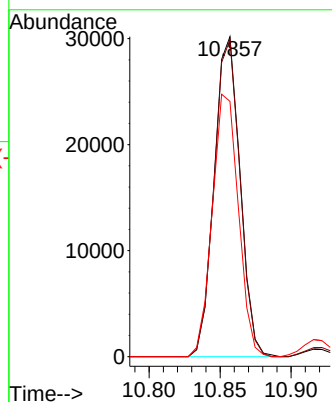
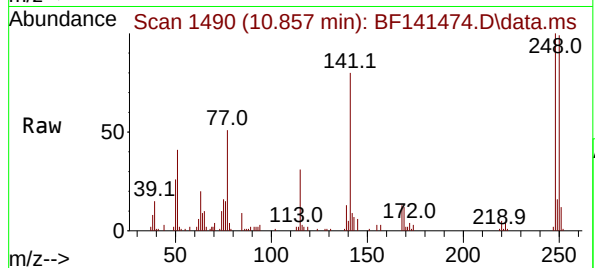




#67
4-Bromophenyl-phenylether
Concen: 9.856 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

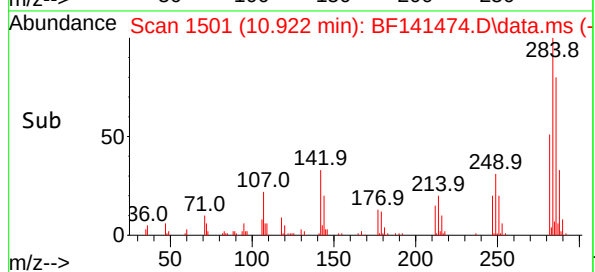
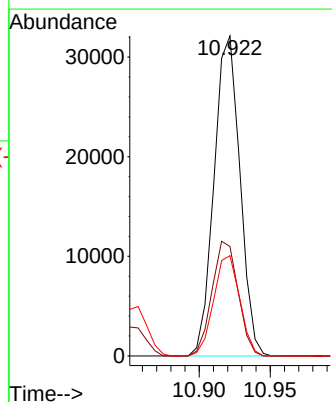
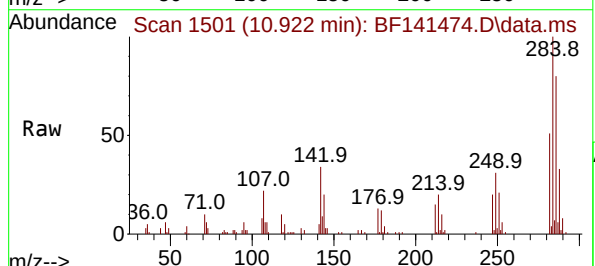
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

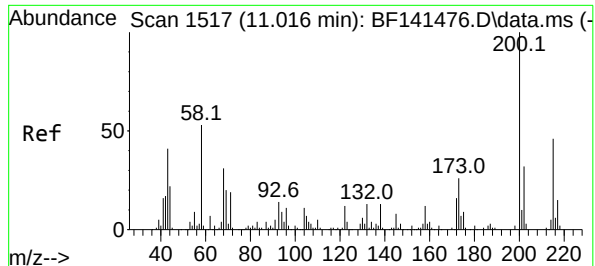
Tgt Ion:248 Resp: 38257
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 79.8 60.6 90.8



#68
Hexachlorobenzene
Concen: 10.186 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:284 Resp: 40715
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.3 25.8 38.8

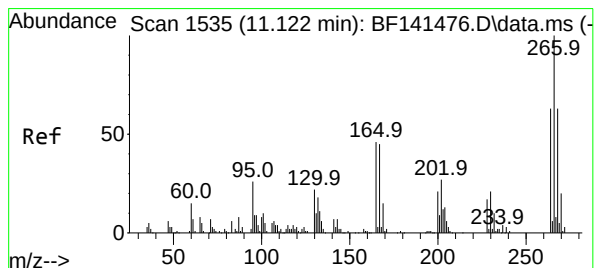
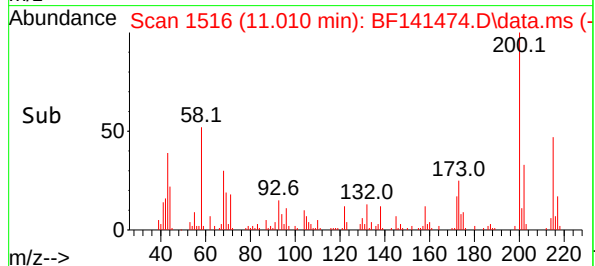
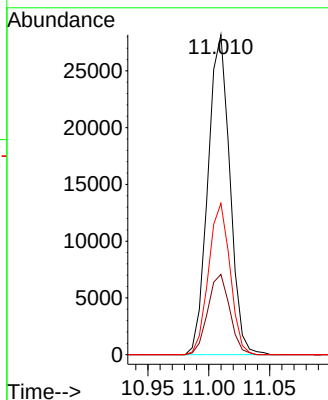
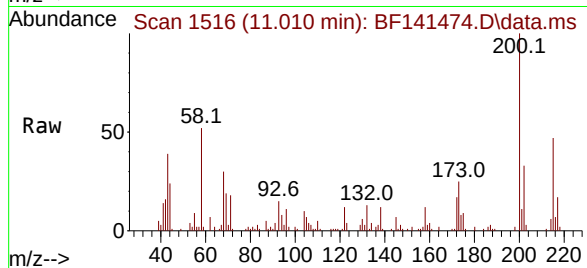




#69
Atrazine
Concen: 10.580 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.011 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

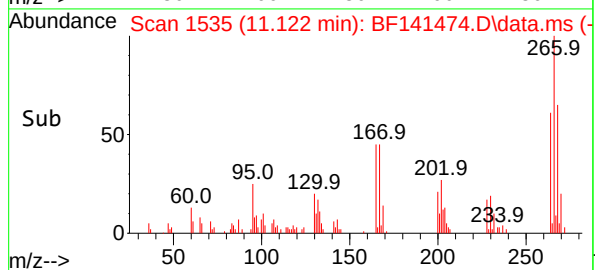
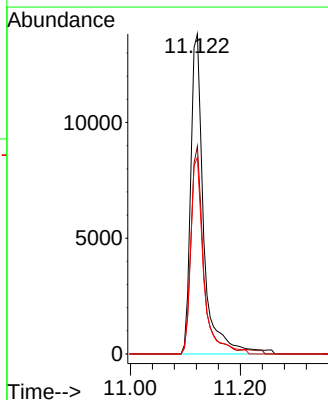
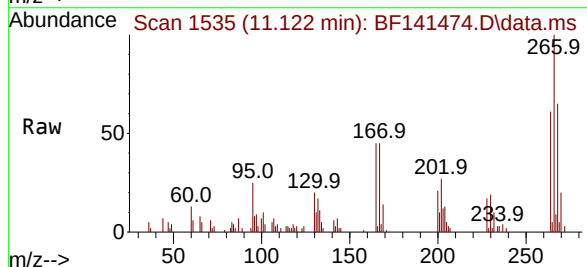
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

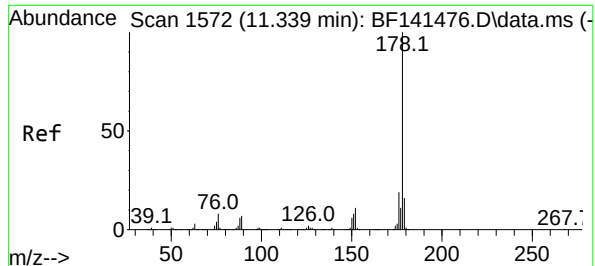
Tgt Ion:200 Resp: 35287
Ion Ratio Lower Upper
200 100
173 25.1 5.9 45.9
215 47.3 25.9 65.9



#70
Pentachlorophenol
Concen: 8.895 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:266 Resp: 22735
Ion Ratio Lower Upper
266 100
268 64.9 50.1 75.1
264 61.5 50.1 75.1

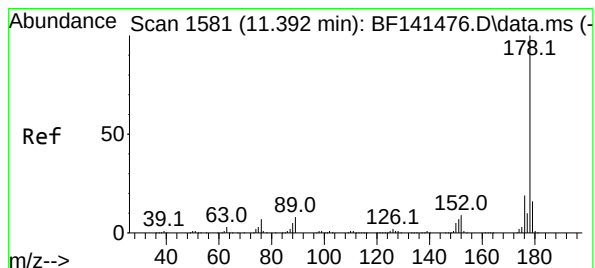
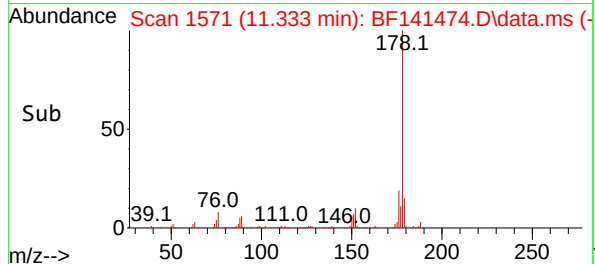
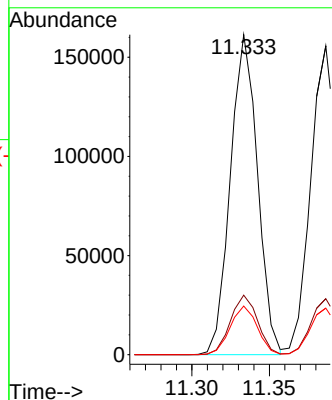
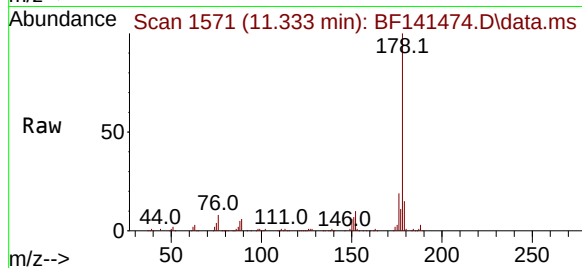




#71
Phenanthrene
Concen: 10.283 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

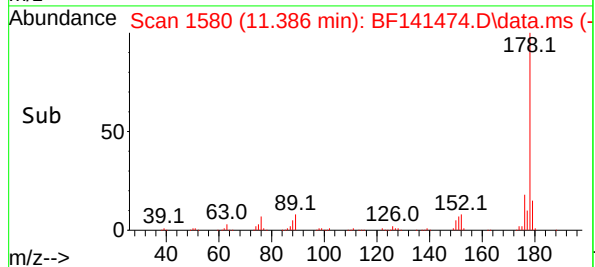
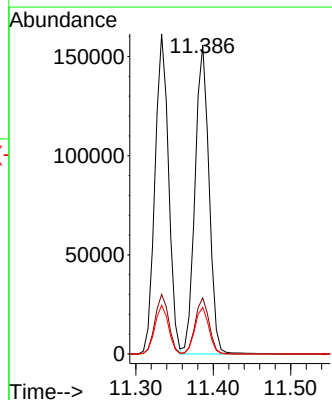
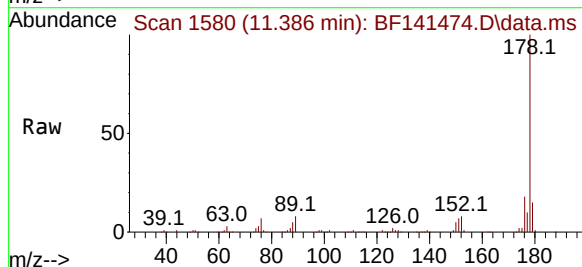
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

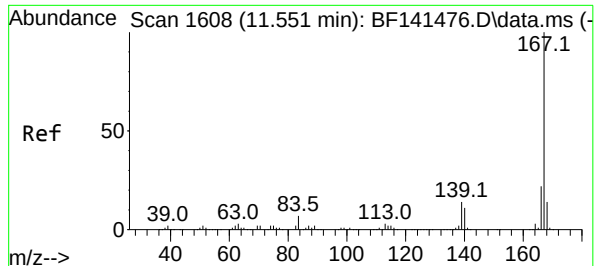
Tgt Ion:178 Resp: 196586
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 10.174 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:178 Resp: 195528
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.1 12.4 18.6

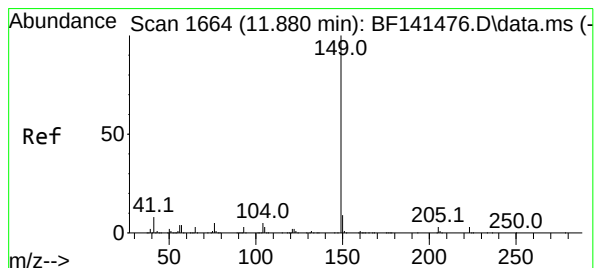
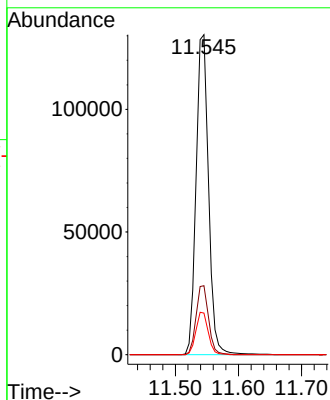
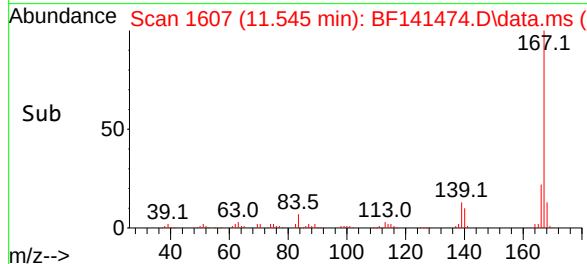
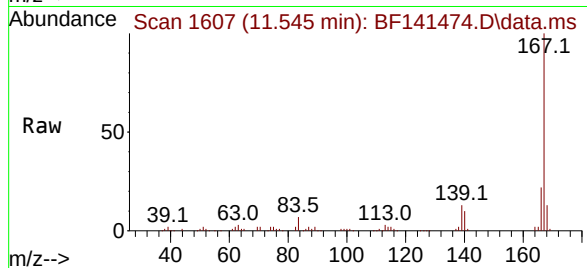




#73
Carbazole
Concen: 10.306 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

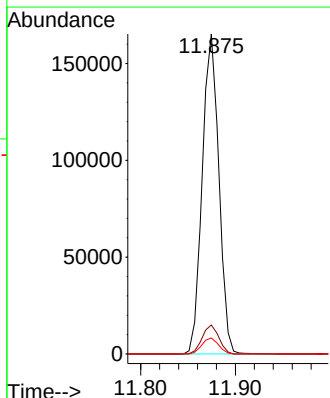
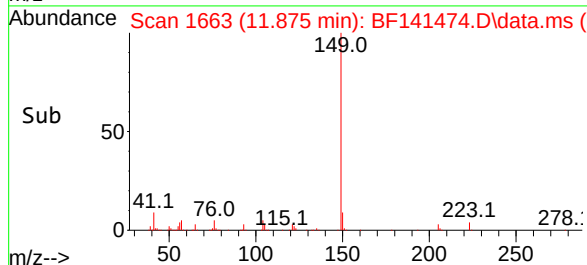
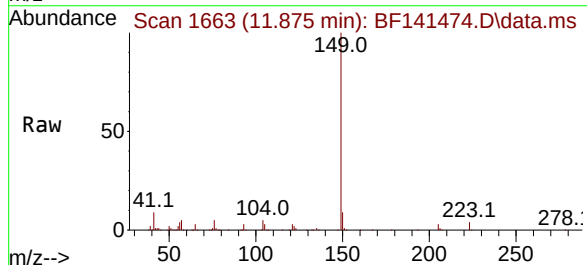
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

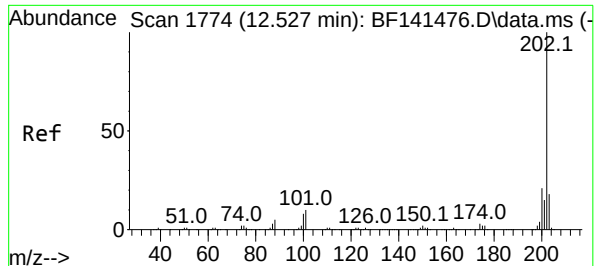
Tgt Ion:167 Resp: 178223
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.0 10.9 16.3



#74
Di-n-butylphthalate
Concen: 10.057 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:149 Resp: 200806
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.0 4.2 6.2

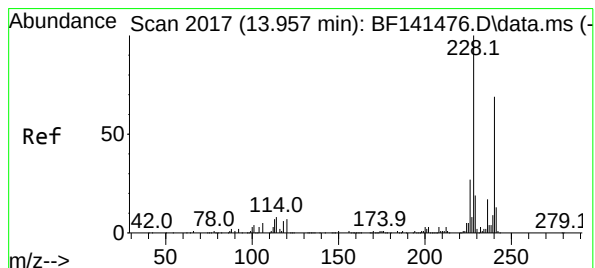
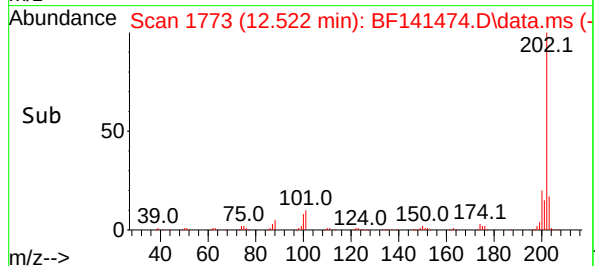
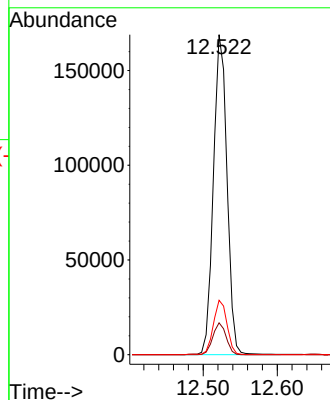
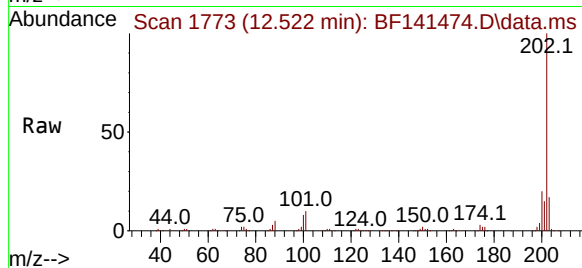




#75
Fluoranthene
Concen: 10.618 ng
RT: 12.522 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

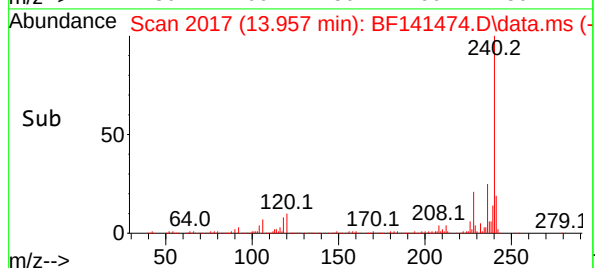
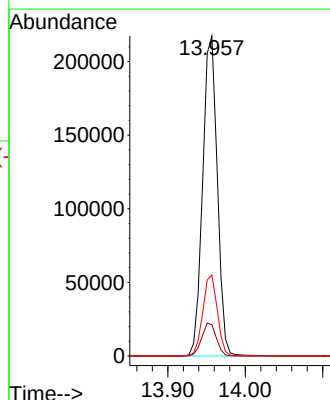
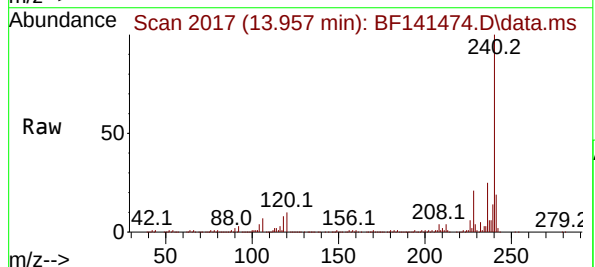
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

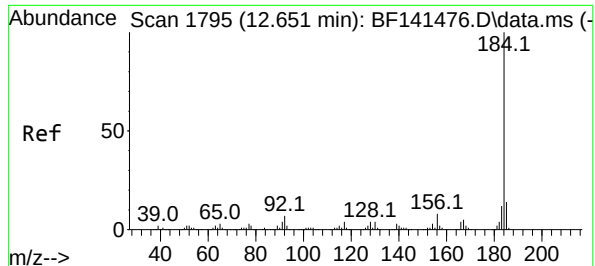
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.2
203	17.0	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.0	12.0
236	25.3	19.8	29.8





#77

Benzidine

Concen: 11.050 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

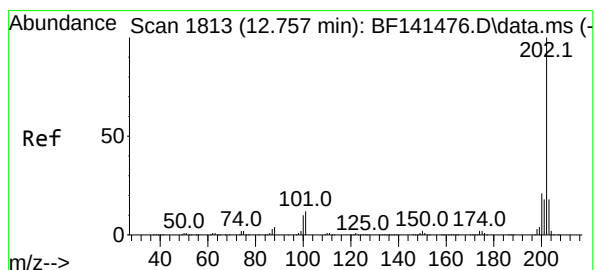
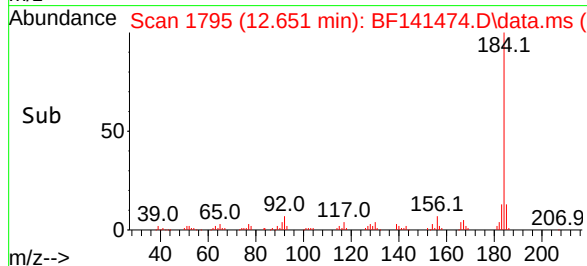
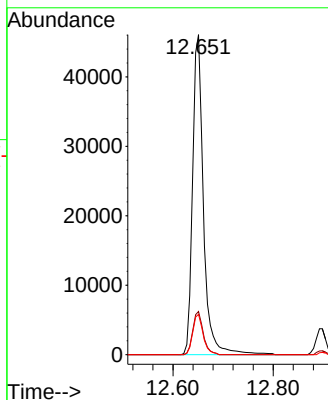
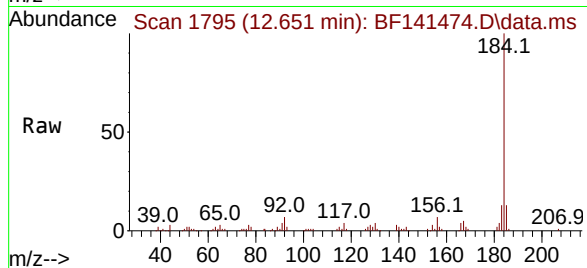
Tgt Ion:184 Resp: 69402

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

183 12.6 9.3 13.9



#78

Pyrene

Concen: 9.146 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

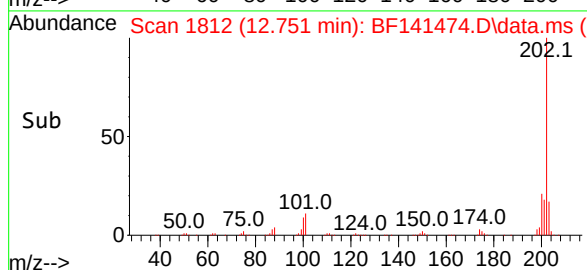
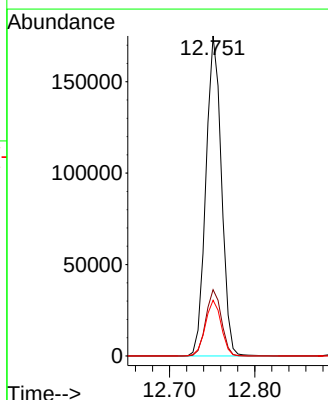
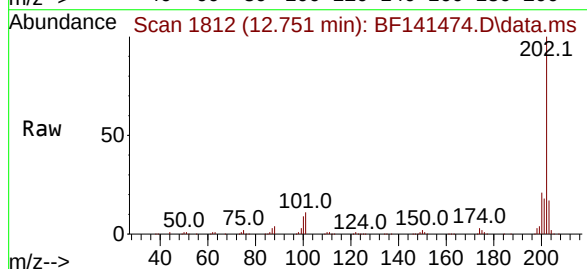
Tgt Ion:202 Resp: 221721

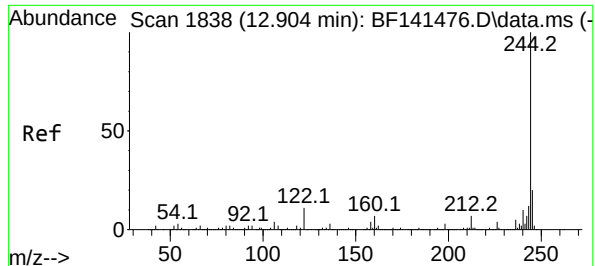
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 18.645 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

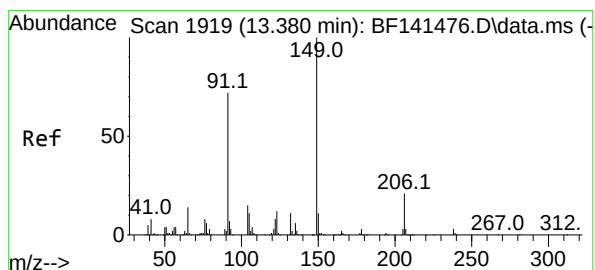
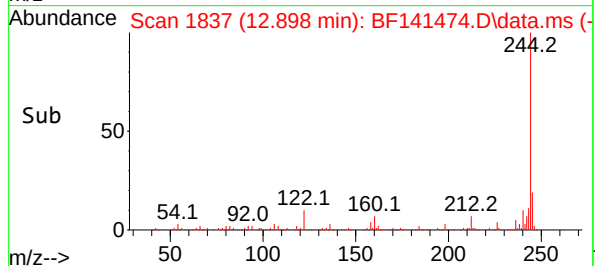
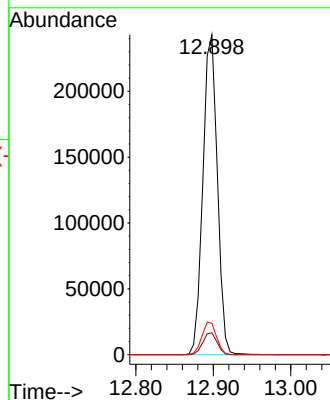
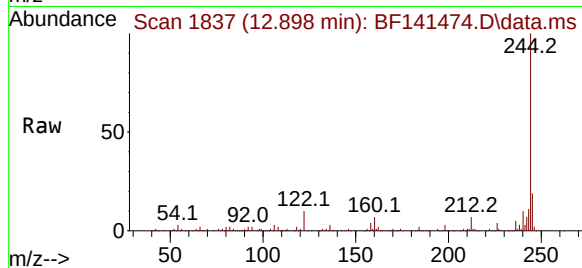
Tgt Ion:244 Resp: 314541

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.8 8.4 12.6



#80

Butylbenzylphthalate

Concen: 9.152 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

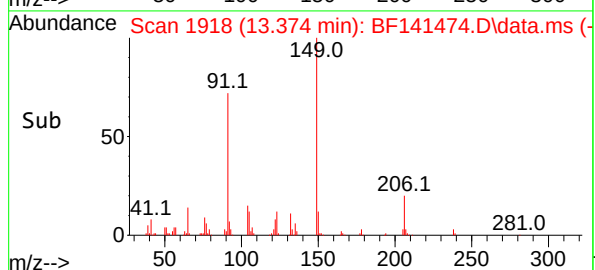
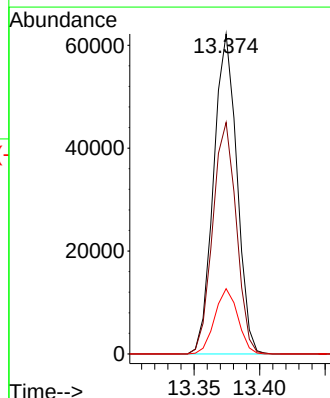
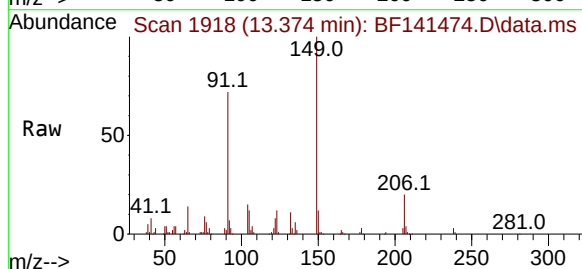
Tgt Ion:149 Resp: 76852

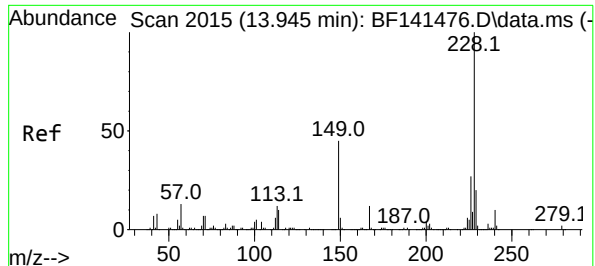
Ion Ratio Lower Upper

149 100

91 72.3 57.8 86.8

206 20.4 16.7 25.1

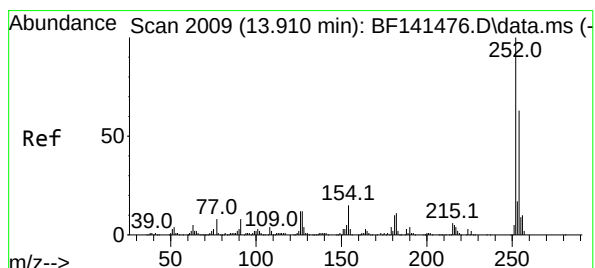
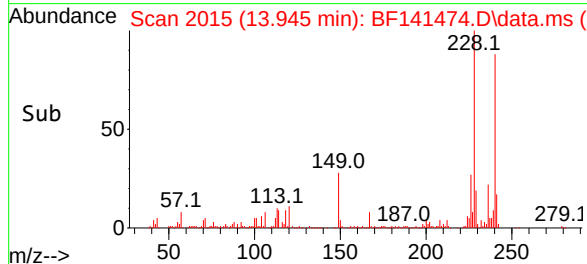
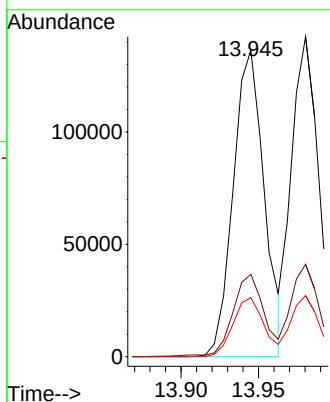
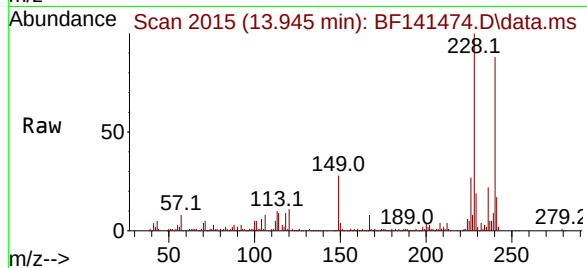




#81
Benzo(a)anthracene
Concen: 10.021 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

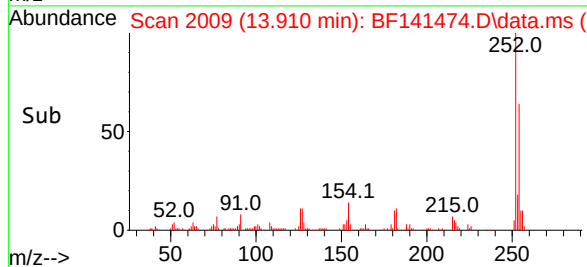
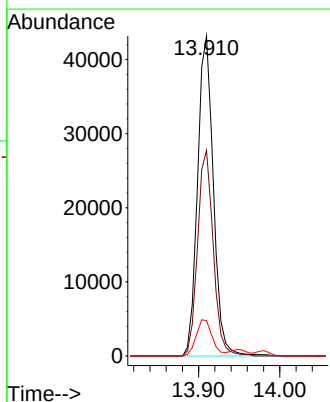
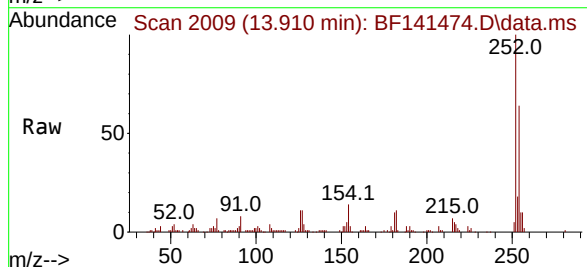
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

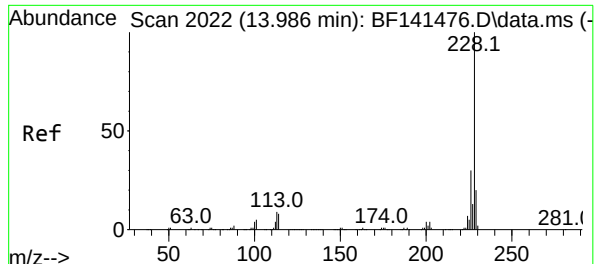
Tgt Ion:228 Resp: 189705
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 10.785 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:252 Resp: 58487
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 11.1 9.3 13.9

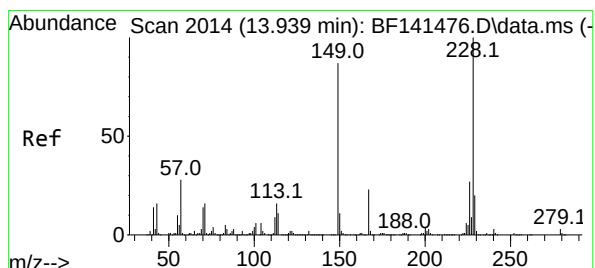
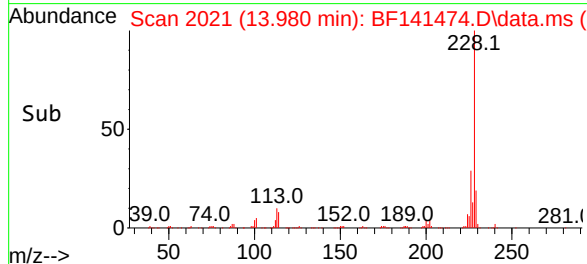
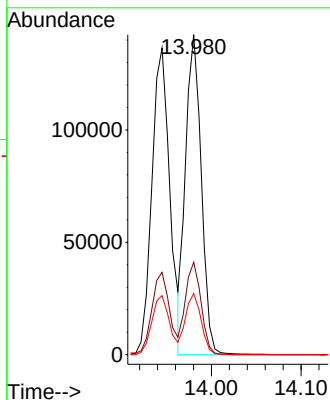
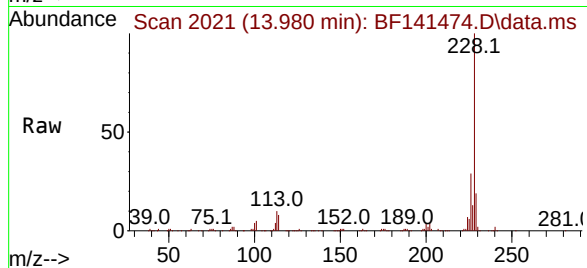




#83
Chrysene
Concen: 9.960 ng
RT: 13.980 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

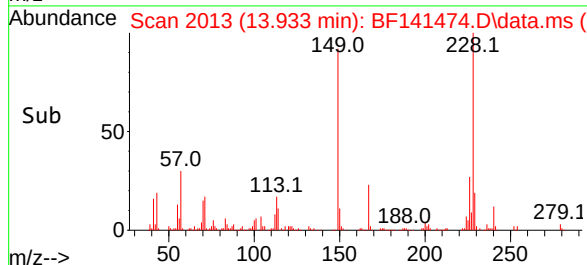
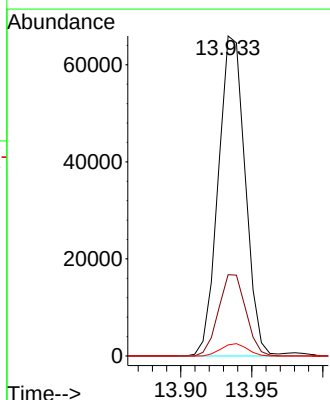
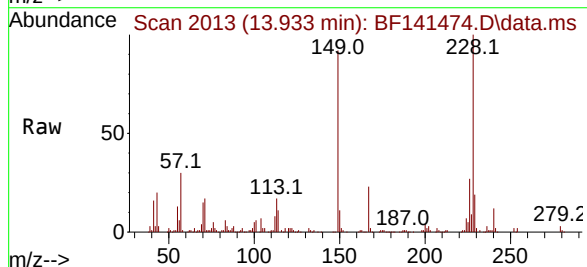
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

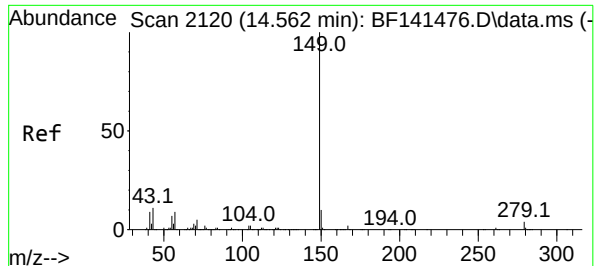
Tgt Ion:228 Resp: 174103
Ion Ratio Lower Upper
228 100
226 28.9 24.0 36.0
229 19.1 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.171 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion:149 Resp: 86853
Ion Ratio Lower Upper
149 100
167 25.4 21.4 32.0
279 3.5 3.1 4.7

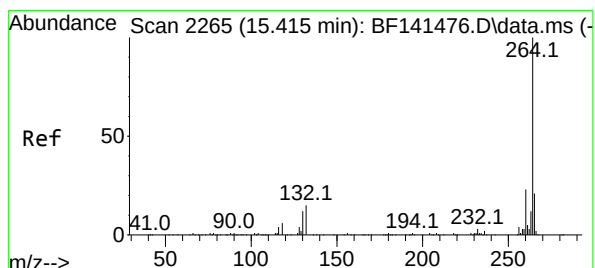
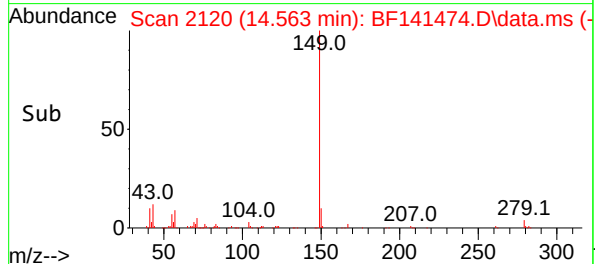
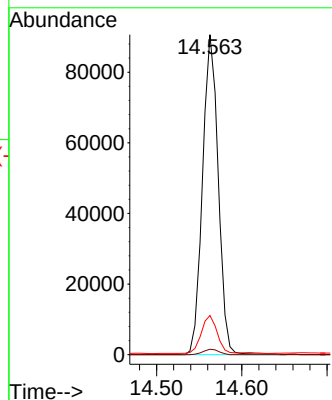
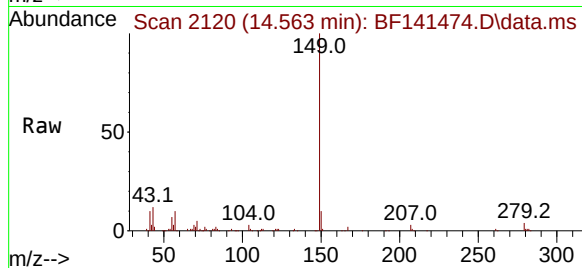




#85
Di-n-octyl phthalate
Concen: 8.576 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

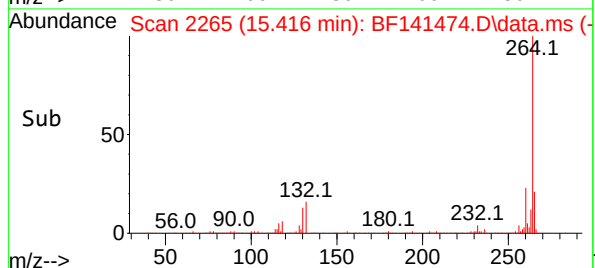
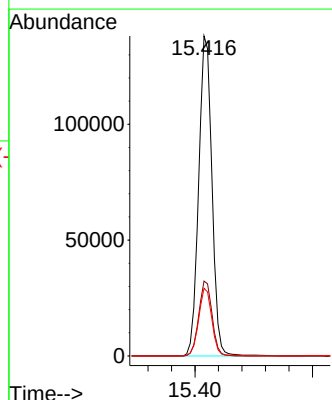
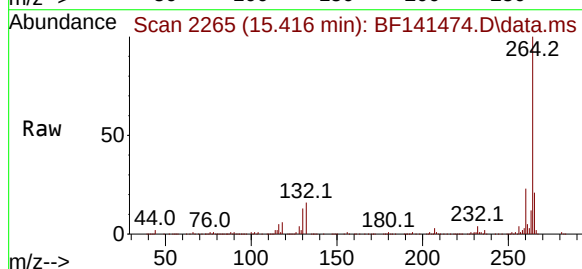
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

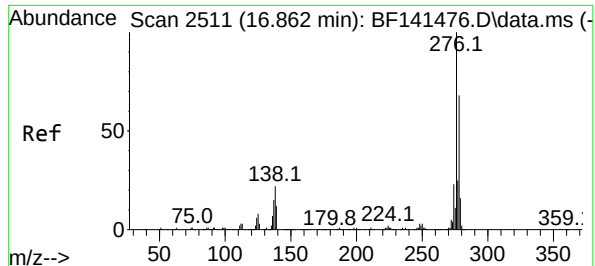
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.1	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141474.D
Acq: 06 Feb 2025 12:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.2	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.327 ng

RT: 16.851 min Scan# 2110

Delta R.T. -0.023 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

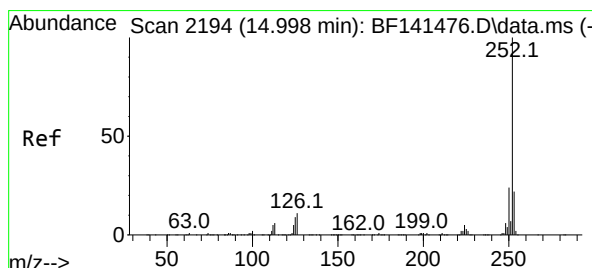
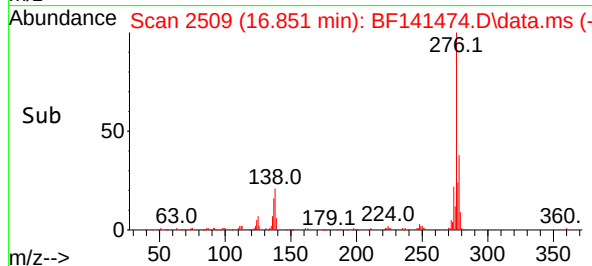
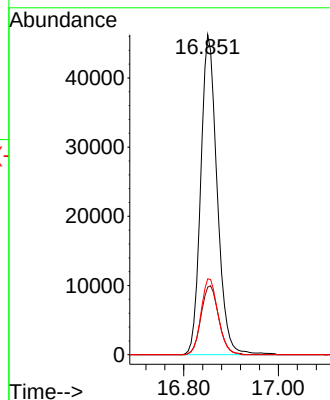
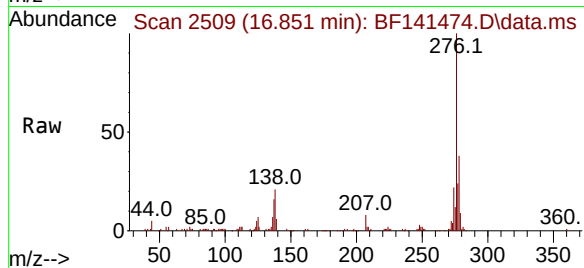
Tgt Ion:276 Resp: 111083

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 24.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 10.476 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

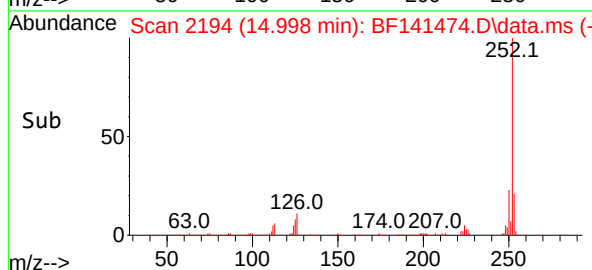
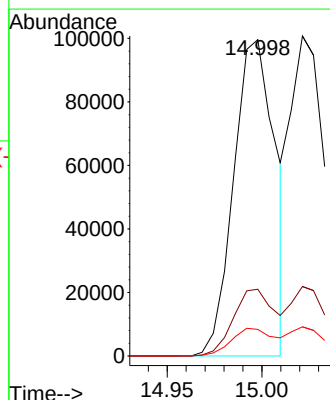
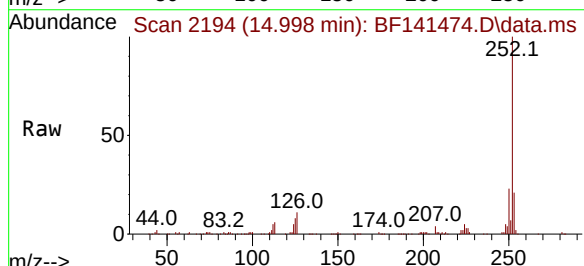
Tgt Ion:252 Resp: 151861

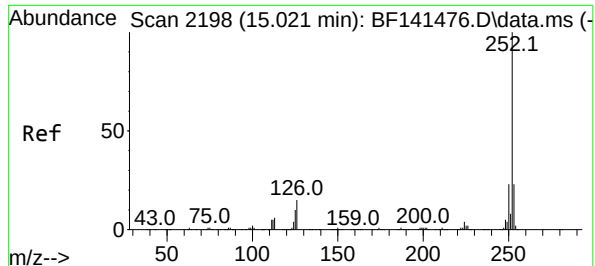
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 10.604 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

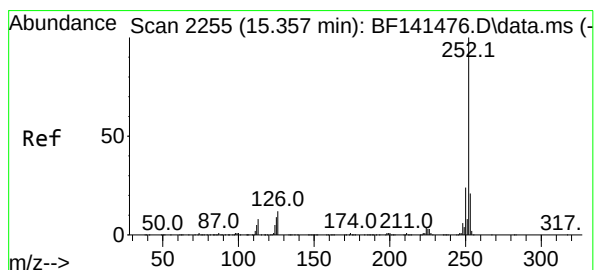
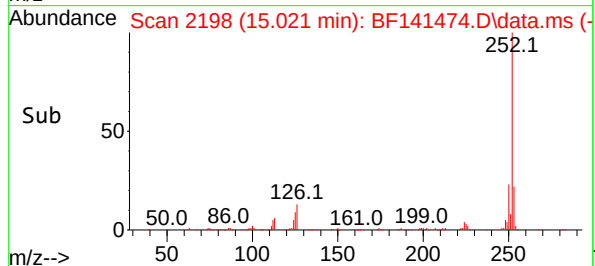
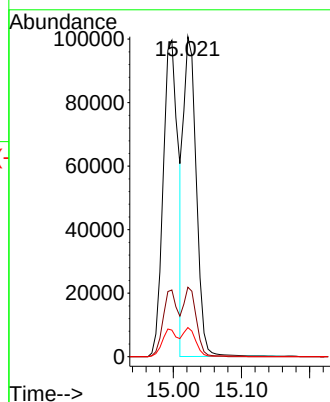
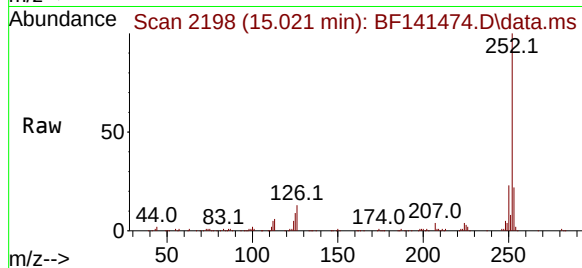
Tgt Ion:252 Resp: 131265

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 9.885 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

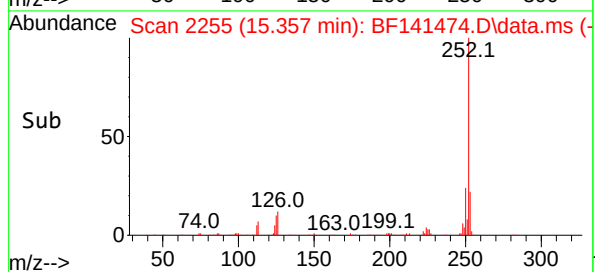
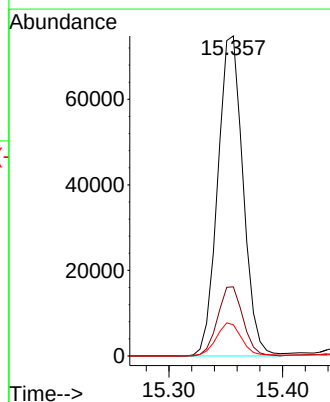
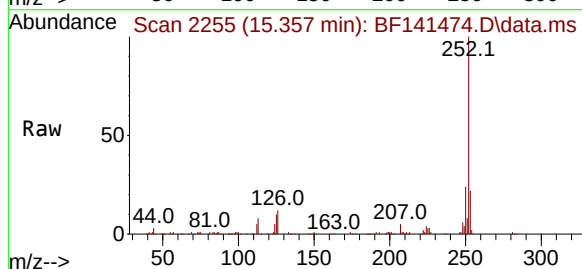
Tgt Ion:252 Resp: 115948

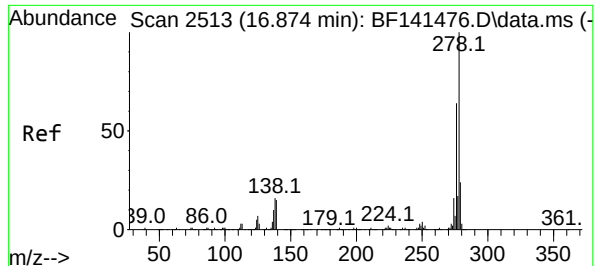
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.8 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 8.271 ng

RT: 16.868 min Scan# 2512

Delta R.T. -0.023 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

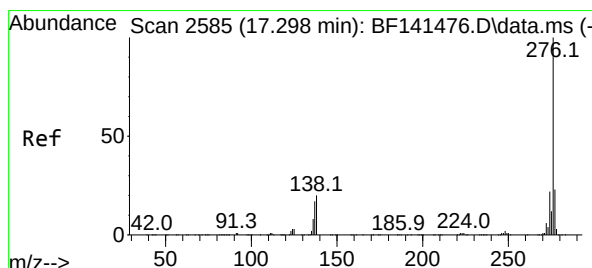
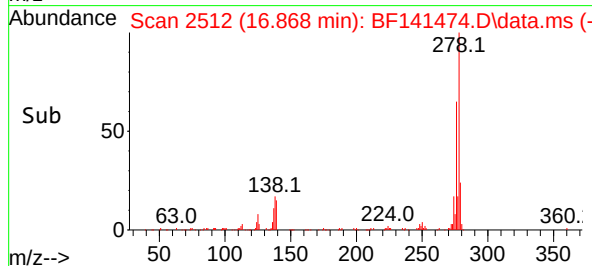
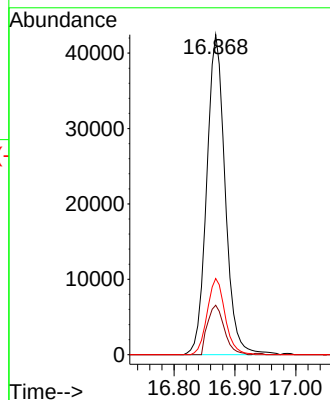
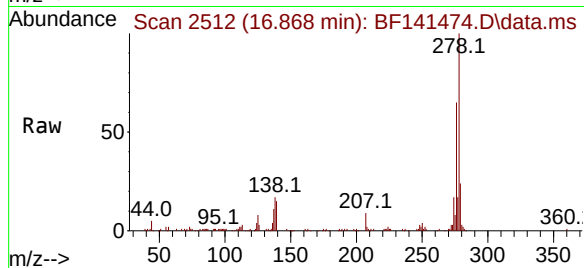
Tgt Ion:278 Resp: 89400

Ion Ratio Lower Upper

278 100

139 15.4 11.8 17.6

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 8.243 ng

RT: 17.286 min Scan# 2583

Delta R.T. -0.029 min

Lab File: BF141474.D

Acq: 06 Feb 2025 12:00

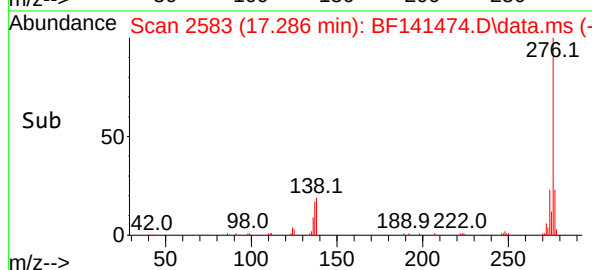
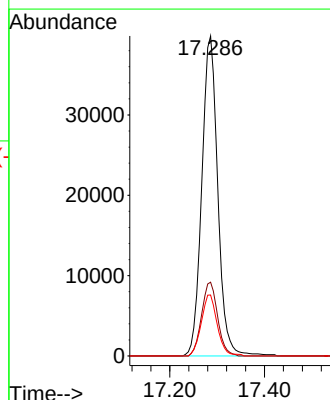
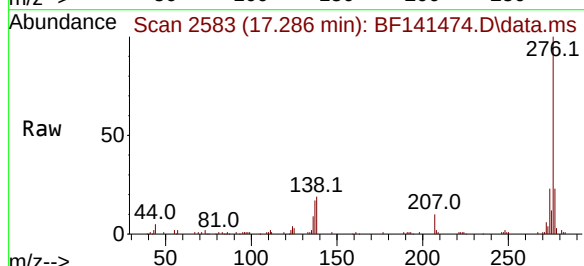
Tgt Ion:276 Resp: 93242

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 19.0 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141475.D
 Acq On : 06 Feb 2025 12:26
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Feb 06 16:00:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86149	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	348017	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	193091	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	333651	20.000	ng	0.00
76) Chrysene-d12	13.957	240	251741	20.000	ng	0.00
86) Perylene-d12	15.416	264	191435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	235106	42.785	ng	0.00
7) Phenol-d6	6.422	99	293602	42.273	ng	-0.02
23) Nitrobenzene-d5	7.351	82	275773	41.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	80912	41.714	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	534841	42.674	ng	0.00
79) Terphenyl-d14	12.898	244	609819	40.894	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	45027	20.359	ng	98
3) Pyridine	3.211	79	112903	21.453	ng	96
4) n-Nitrosodimethylamine	3.152	42	70658	20.276	ng	98
6) Aniline	6.446	93	142156	21.820	ng	97
8) 2-Chlorophenol	6.575	128	124573	20.980	ng	98
9) Benzaldehyde	6.340	77	84531	22.903	ng	98
10) Phenol	6.440	94	156515	21.652	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	111675	20.568	ng	98
12) 1,3-Dichlorobenzene	6.728	146	133906	21.362	ng	99
13) 1,4-Dichlorobenzene	6.804	146	135357	21.134	ng	99
14) 1,2-Dichlorobenzene	6.957	146	126931	21.354	ng	99
15) Benzyl Alcohol	6.928	79	113901	21.386	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	199281	21.441	ng	99
17) 2-Methylphenol	7.046	107	96607	20.792	ng	99
18) Hexachloroethane	7.298	117	50745	21.409	ng	99
19) n-Nitroso-di-n-propyla...	7.199	70	89512	21.546	ng	99
20) 3+4-Methylphenols	7.199	107	125707	21.287	ng	91
22) Acetophenone	7.199	105	181333	20.946	ng	100
24) Nitrobenzene	7.369	77	133285	20.485	ng	99
25) Isophorone	7.604	82	220291	20.706	ng	99
26) 2-Nitrophenol	7.687	139	66195	20.449	ng	98
27) 2,4-Dimethylphenol	7.728	122	76751	20.296	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	142151	20.852	ng	99
29) 2,4-Dichlorophenol	7.934	162	108456	21.227	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	115050	20.678	ng	100
31) Naphthalene	8.093	128	381547	21.062	ng	99
32) Benzoic acid	7.828	122	75462	19.212	ng	99
33) 4-Chloroaniline	8.146	127	132911	21.014	ng	98
34) Hexachlorobutadiene	8.210	225	69492	20.804	ng	98
35) Caprolactam	8.498	113	32746	21.050	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	119021	21.029	ng	99
37) 2-Methylnaphthalene	8.781	142	250365	21.238	ng	98
38) 1-Methylnaphthalene	8.881	142	240408	21.056	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	115936	20.753	ng	99
41) Hexachlorocyclopentadiene	8.934	237	34729	18.691	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	75161	20.817	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141475.D
 Acq On : 06 Feb 2025 12:26
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

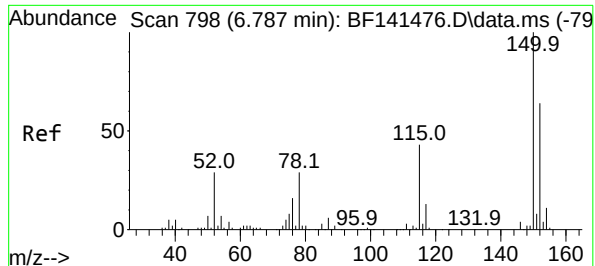
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	83112	21.240	ng	97
46) 1,1'-Biphenyl	9.245	154	315040	21.045	ng	99
47) 2-Chloronaphthalene	9.269	162	233789	21.119	ng	99
48) 2-Nitroaniline	9.369	65	75990	20.455	ng	99
49) Acenaphthylene	9.687	152	345829	21.004	ng	99
50) Dimethylphthalate	9.545	163	271920	20.744	ng	100
51) 2,6-Dinitrotoluene	9.610	165	60700	21.182	ng	98
52) Acenaphthene	9.857	154	229442m	20.728	ng	
53) 3-Nitroaniline	9.781	138	64626	20.954	ng	96
54) 2,4-Dinitrophenol	9.887	184	32186	18.898	ng	98
55) Dibenzofuran	10.028	168	342620	21.087	ng	100
56) 4-Nitrophenol	9.951	139	47721	20.843	ng	96
57) 2,4-Dinitrotoluene	10.016	165	79865	20.936	ng	95
58) Fluorene	10.375	166	265810	21.159	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	69328	20.579	ng	100
60) Diethylphthalate	10.245	149	270018	20.936	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	127216	21.049	ng	97
62) 4-Nitroaniline	10.387	138	64262	20.519	ng	98
63) Azobenzene	10.528	77	267372	20.853	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	46877	20.226	ng	99
66) n-Nitrosodiphenylamine	10.487	169	224776	21.045	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	78167	20.962	ng	97
68) Hexachlorobenzene	10.922	284	80301	20.913	ng	97
69) Atrazine	11.010	200	71359	22.271	ng	97
70) Pentachlorophenol	11.122	266	50539	20.584	ng	98
71) Phenanthrene	11.339	178	387256	21.085	ng	99
72) Anthracene	11.386	178	386414	20.930	ng	100
73) Carbazole	11.545	167	358987	21.610	ng	99
74) Di-n-butylphthalate	11.875	149	408041	21.273	ng	100
75) Fluoranthene	12.528	202	414712	21.298	ng	99
77) Benzidine	12.651	184	84013	15.132	ng	98
78) Pyrene	12.757	202	432216	20.169	ng	99
80) Butylbenzylphthalate	13.375	149	152184	20.502	ng	99
81) Benzo(a)anthracene	13.945	228	339877	20.310	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	102367	21.355	ng	98
83) Chrysene	13.980	228	330823	21.411	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	172352	20.588	ng	99
85) Di-n-octyl phthalate	14.563	149	229060	19.180	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	227105	19.200	ng	99
88) Benzo(b)fluoranthene	14.998	252	267695	20.826	ng	100
89) Benzo(k)fluoranthene	15.022	252	238695	21.747	ng	97
90) Benzo(a)pyrene	15.357	252	213510	20.528	ng	100
91) Dibenzo(a,h)anthracene	16.868	278	185740	19.379	ng	98
92) Benzo(g,h,i)perylene	17.286	276	191595	19.103	ng	99

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

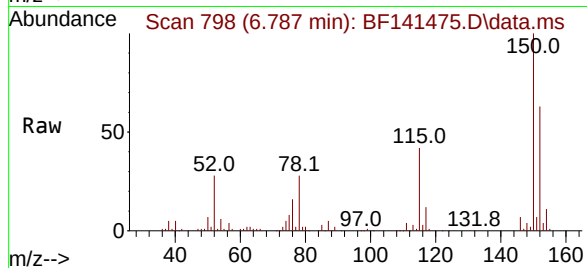
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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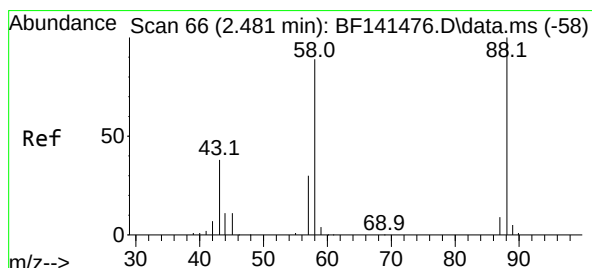
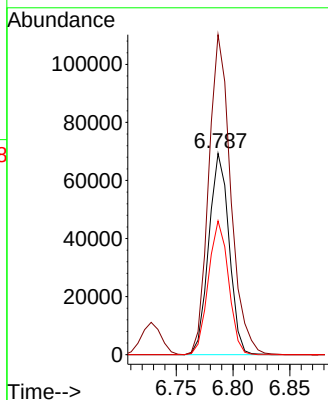
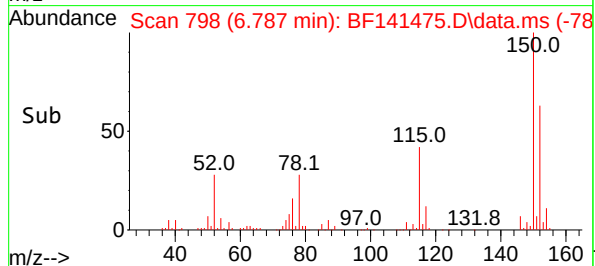


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

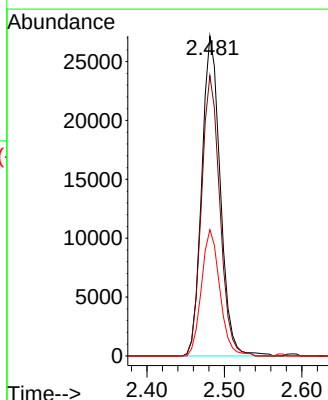
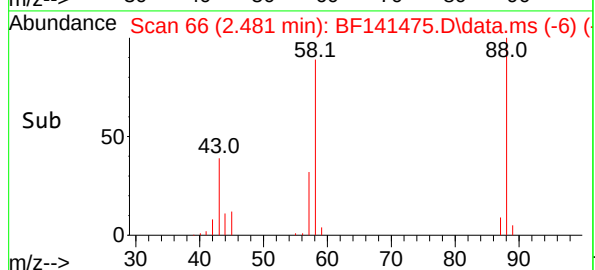
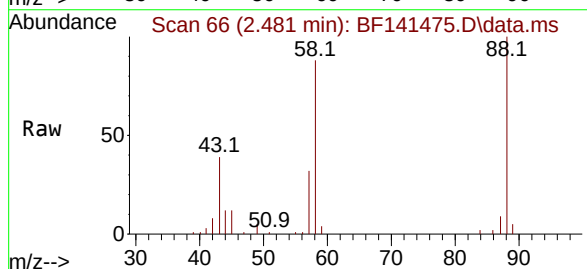


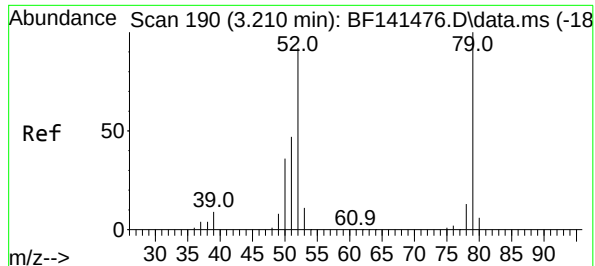
Tgt Ion:152 Resp: 86149
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.4
115 66.4 53.6 80.4



#2
1,4-Dioxane
Concen: 20.359 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 88 Resp: 45027
Ion Ratio Lower Upper
88 100
58 87.1 71.1 106.7
43 39.2 30.6 46.0





#3

Pyridine

Concen: 21.453 ng

RT: 3.211 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

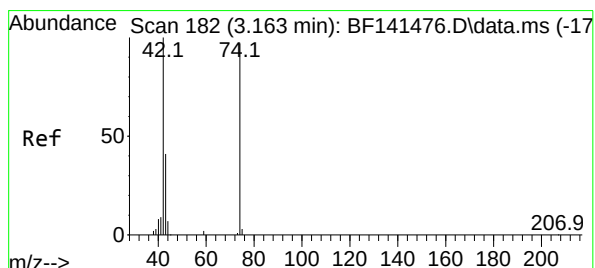
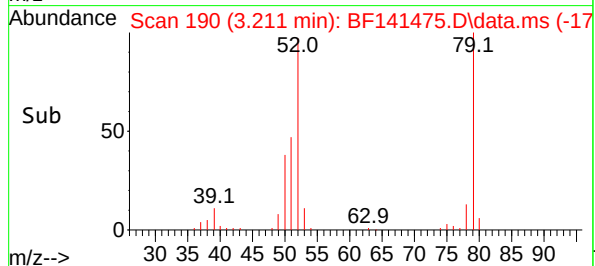
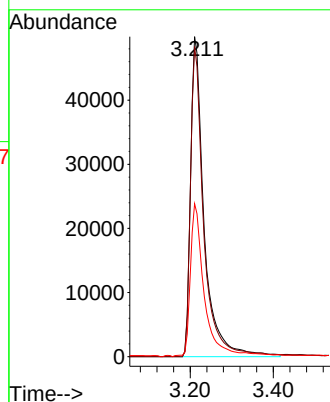
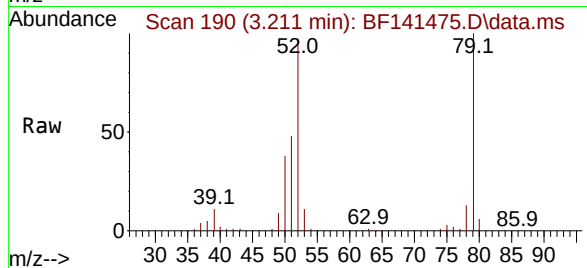
Tgt Ion: 79 Resp: 112903

Ion Ratio Lower Upper

79 100

52 96.9 73.7 110.5

51 47.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 20.276 ng

RT: 3.152 min Scan# 180

Delta R.T. -0.035 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

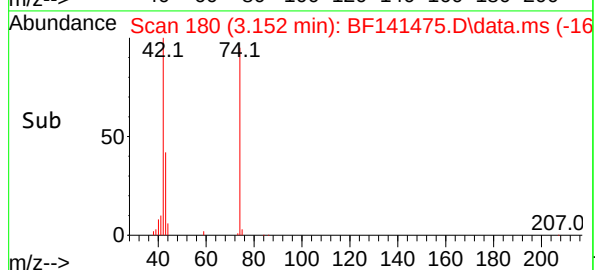
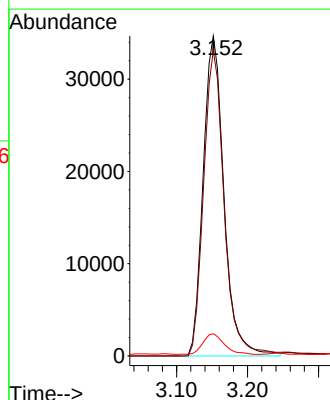
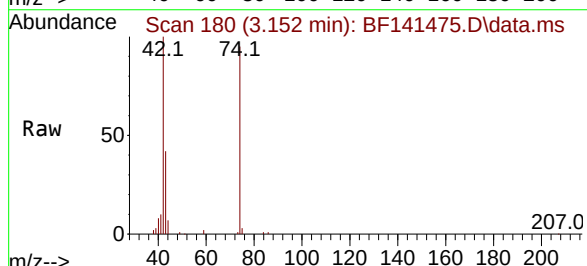
Tgt Ion: 42 Resp: 70658

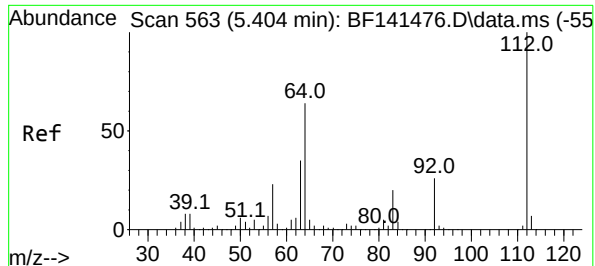
Ion Ratio Lower Upper

42 100

74 95.4 78.0 117.0

44 7.0 5.4 8.2

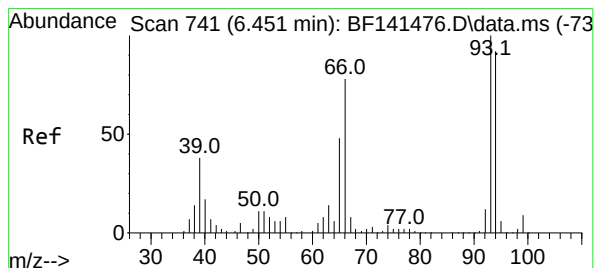
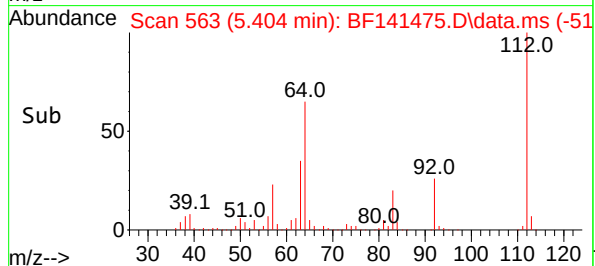
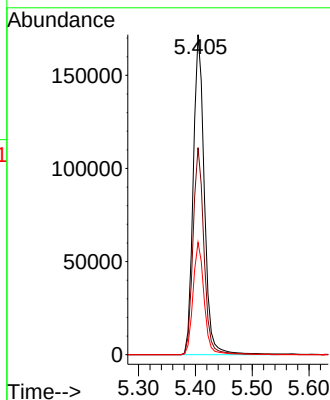
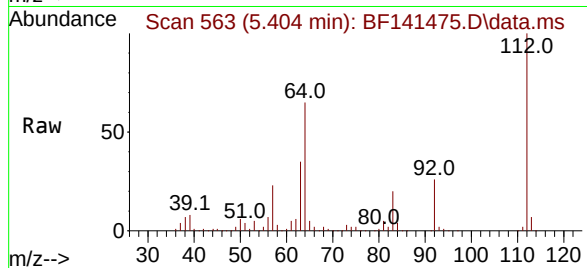




#5
2-Fluorophenol
Concen: 42.785 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

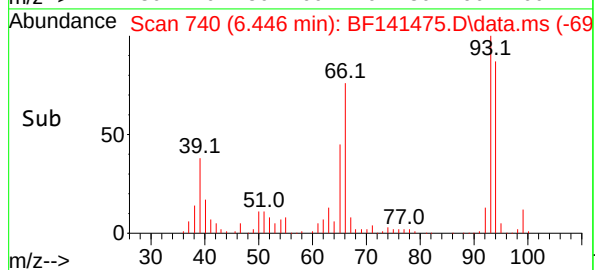
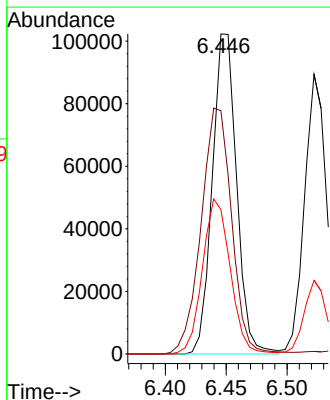
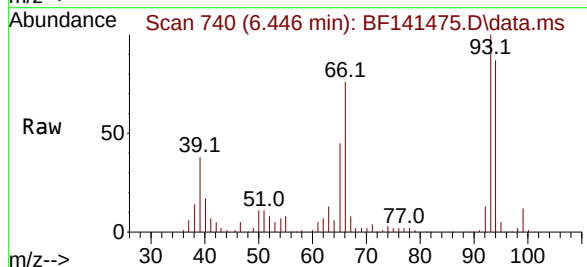
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

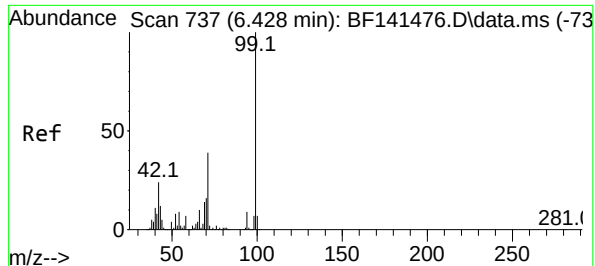
Tgt Ion:112 Resp: 235106
Ion Ratio Lower Upper
112 100
64 64.7 51.1 76.7
63 35.1 28.4 42.6



#6
Aniline
Concen: 21.820 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 93 Resp: 142156
Ion Ratio Lower Upper
93 100
66 76.0 62.6 94.0
65 45.1 38.3 57.5





#7

Phenol-d6

Concen: 42.273 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

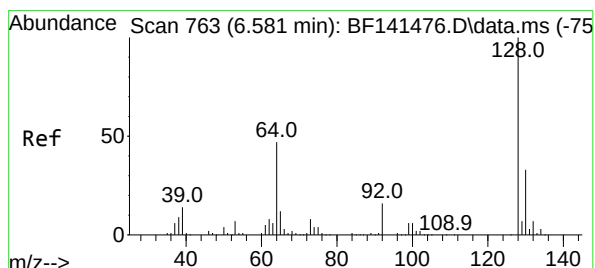
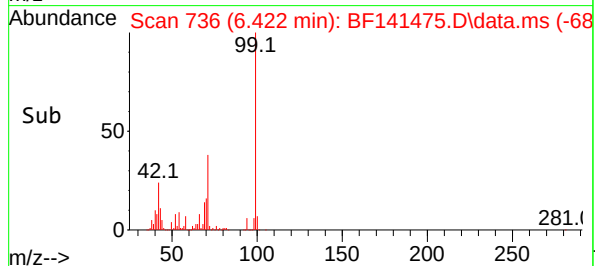
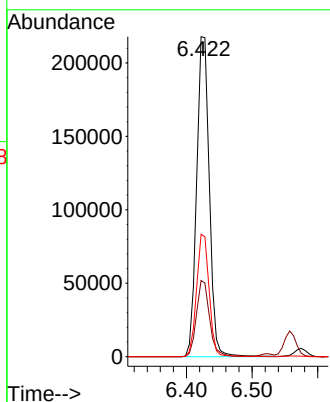
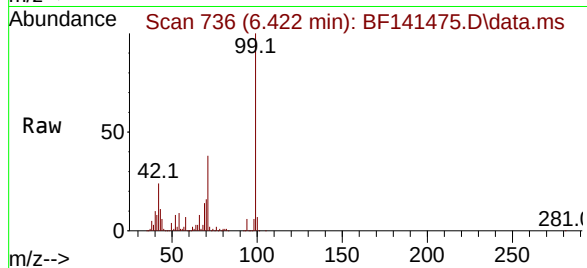
Tgt Ion: 99 Resp: 293602

Ion Ratio Lower Upper

99 100

42 23.8 19.1 28.7

71 38.2 31.1 46.7



#8

2-Chlorophenol

Concen: 20.980 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

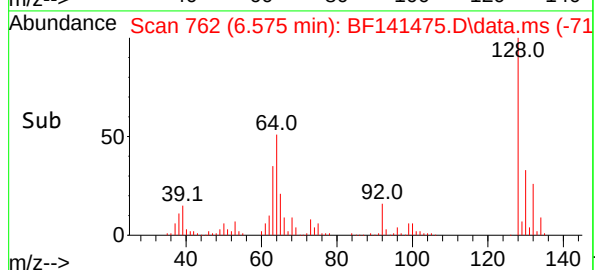
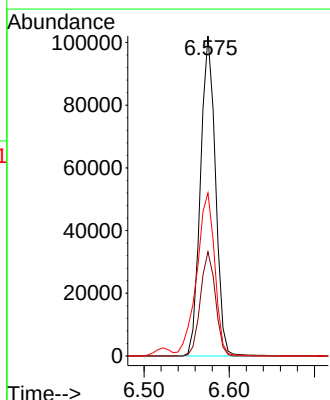
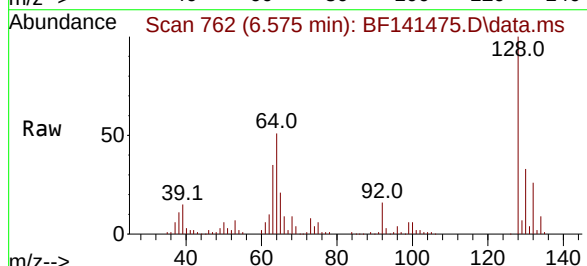
Tgt Ion: 128 Resp: 124573

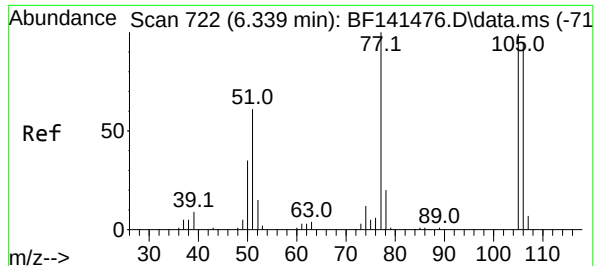
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 50.9 28.3 68.3





#9

Benzaldehyde

Concen: 22.903 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

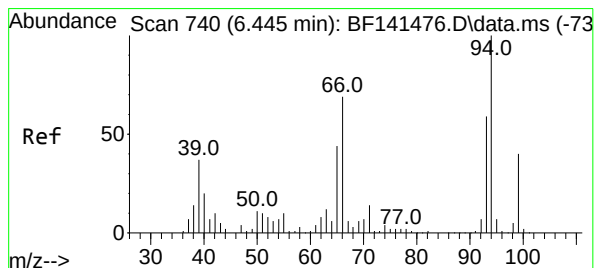
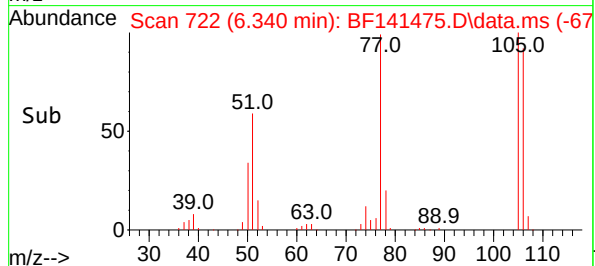
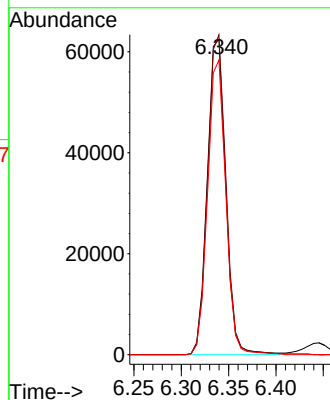
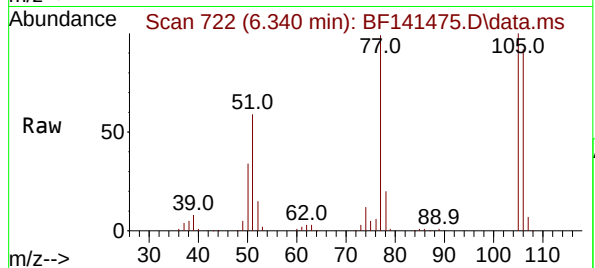
Tgt Ion: 77 Resp: 84531

Ion Ratio Lower Upper

77 100

105 101.4 79.4 119.4

106 93.4 75.1 115.1



#10

Phenol

Concen: 21.652 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

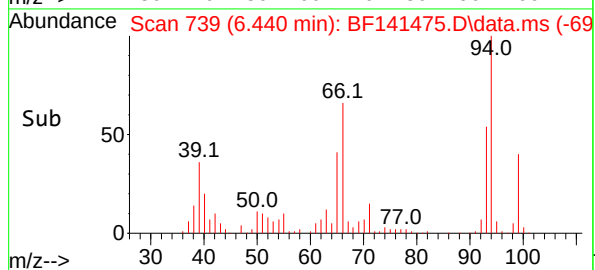
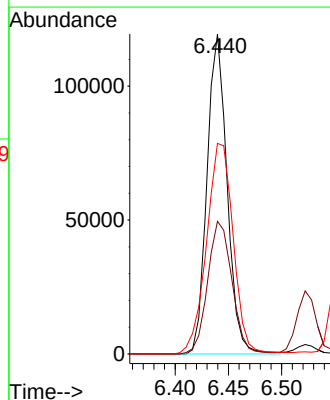
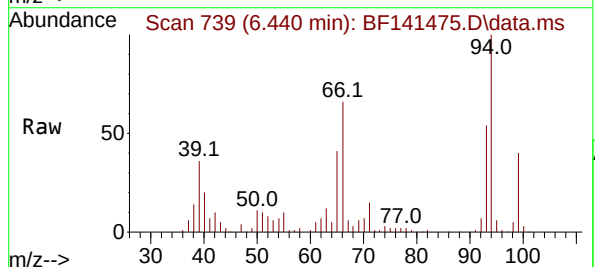
Tgt Ion: 94 Resp: 156515

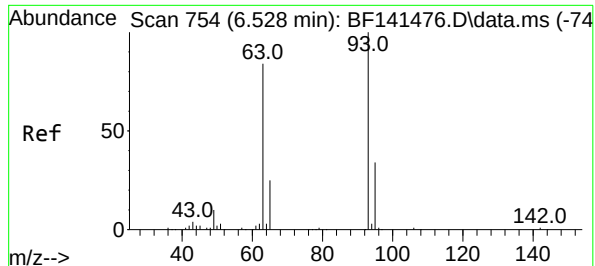
Ion Ratio Lower Upper

94 100

65 41.5 23.7 63.7

66 65.8 49.3 89.3

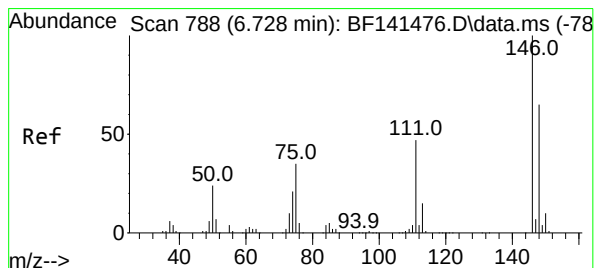
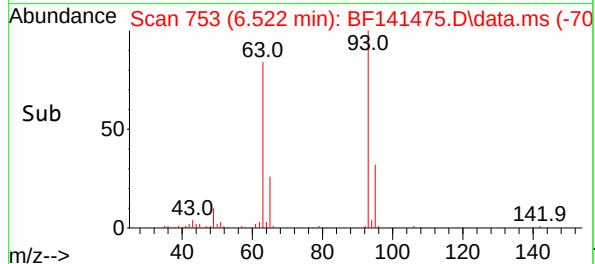
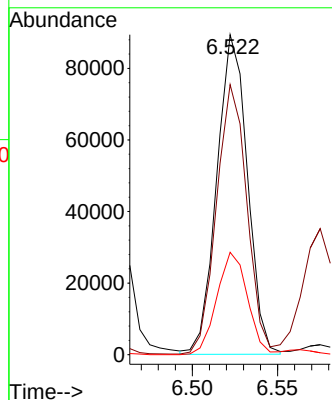
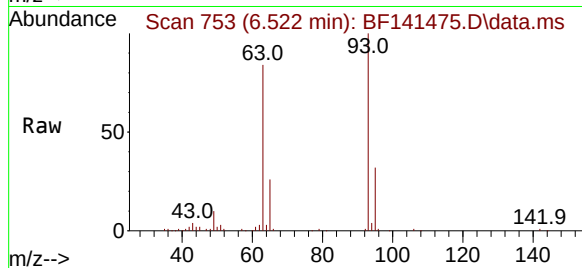




#11
bis(2-Chloroethyl)ether
Concen: 20.568 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

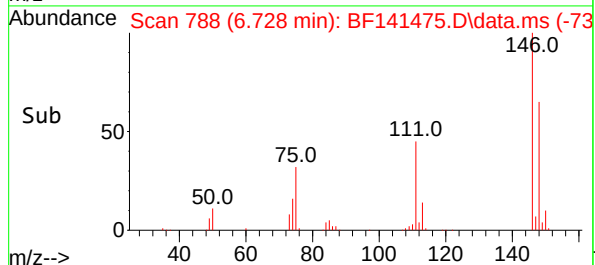
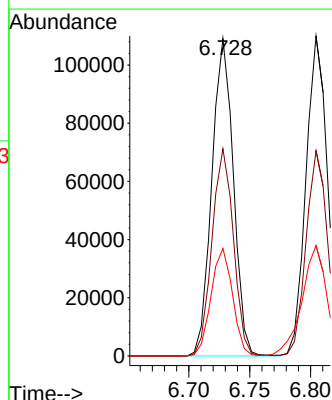
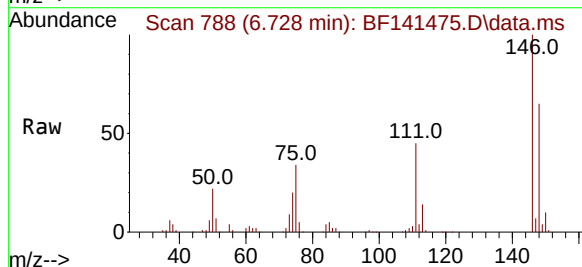
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

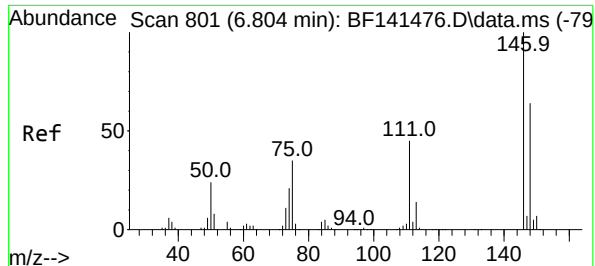
Tgt Ion: 93 Resp: 111675
Ion Ratio Lower Upper
93 100
63 84.4 62.0 102.0
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 21.362 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 146 Resp: 133906
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 33.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 21.134 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

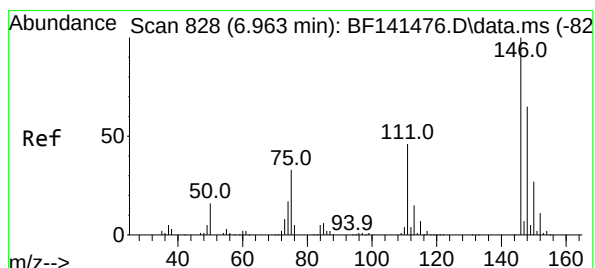
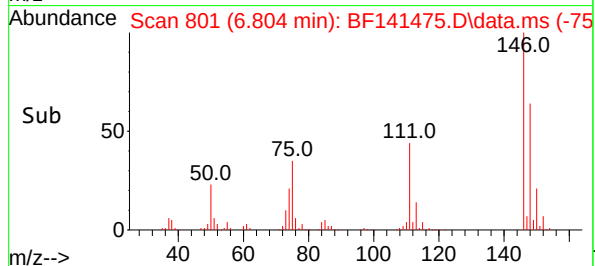
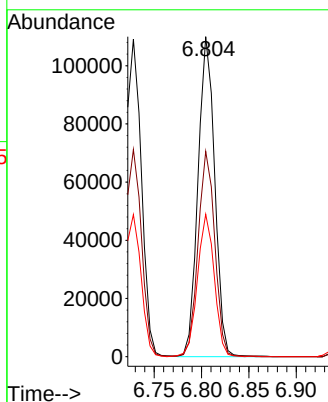
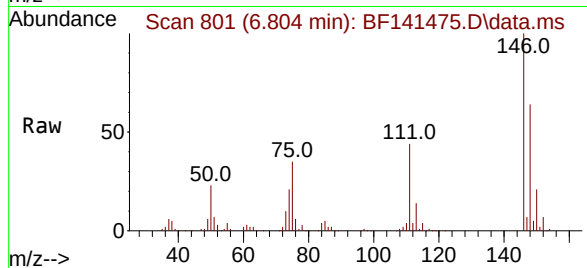
Tgt Ion:146 Resp: 135357

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 44.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 21.354 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

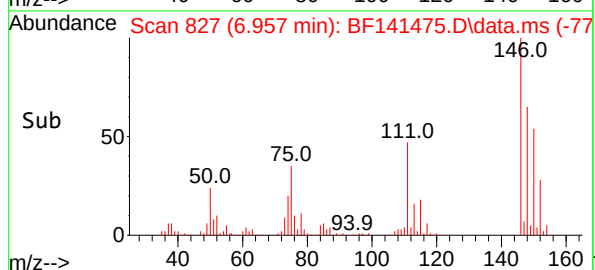
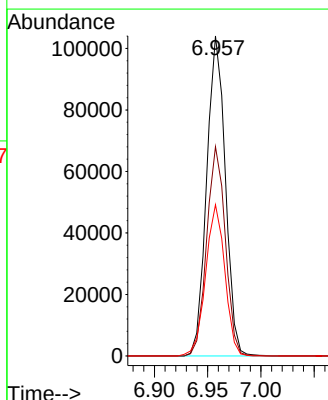
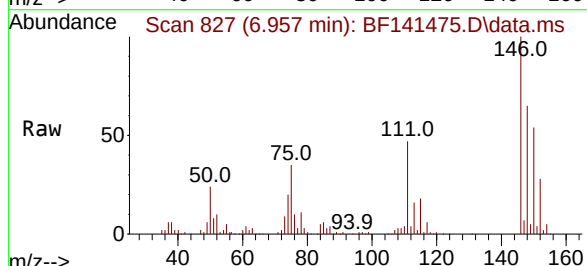
Tgt Ion:146 Resp: 126931

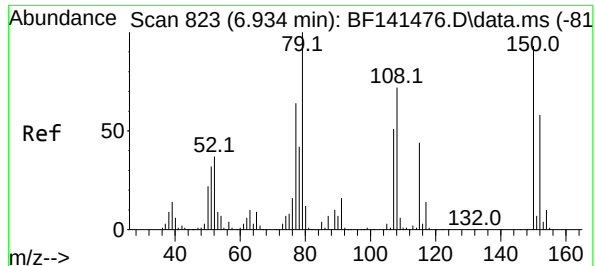
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

111 47.3 37.0 55.4

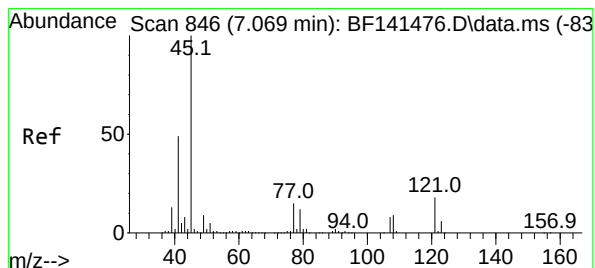
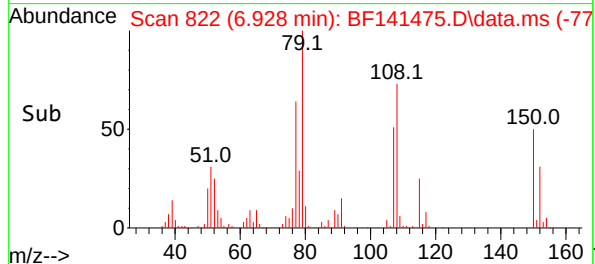
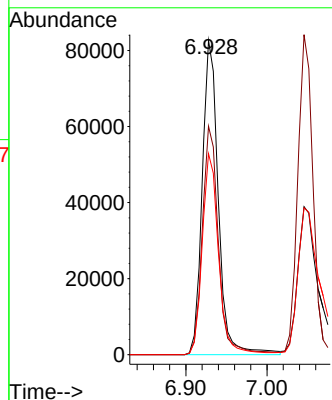
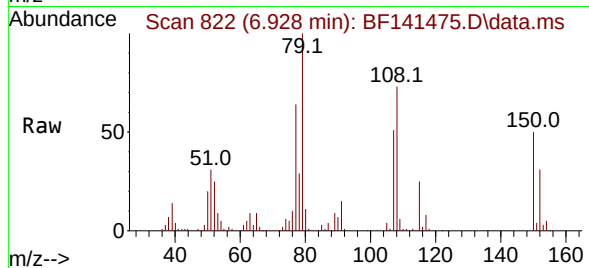




#15
Benzyl Alcohol
Concen: 21.386 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

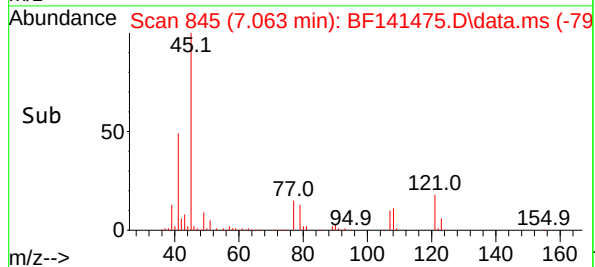
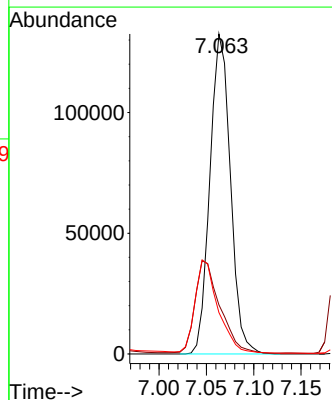
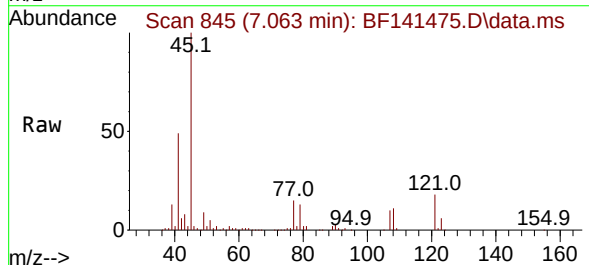
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

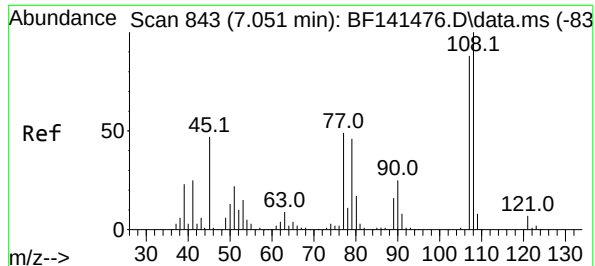
Tgt Ion: 79 Resp: 113901
Ion Ratio Lower Upper
79 100
108 72.6 57.4 86.2
77 63.9 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.441 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 45 Resp: 199281
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.8
79 12.9 0.0 32.7

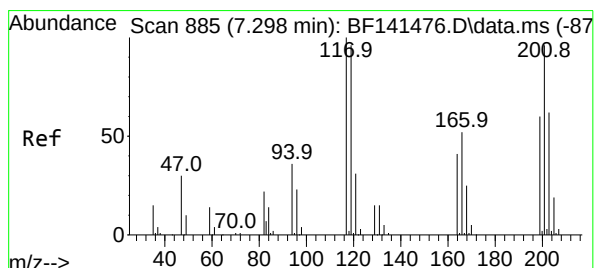
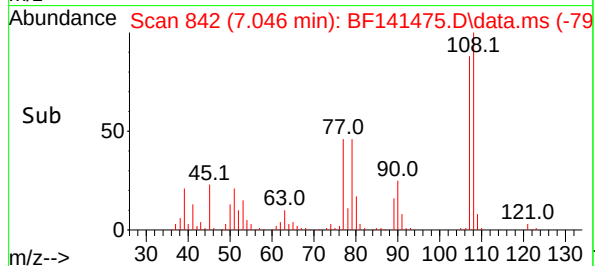
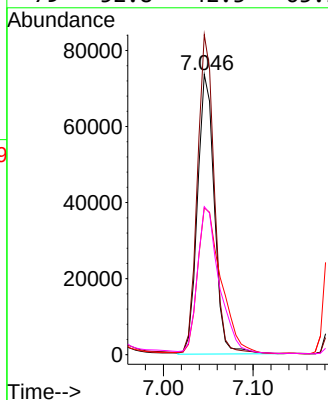
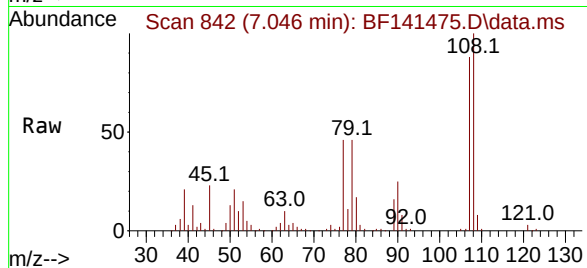




#17
2-Methylphenol
Concen: 20.792 ng
RT: 7.046 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

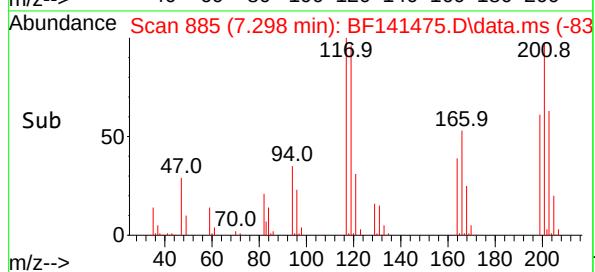
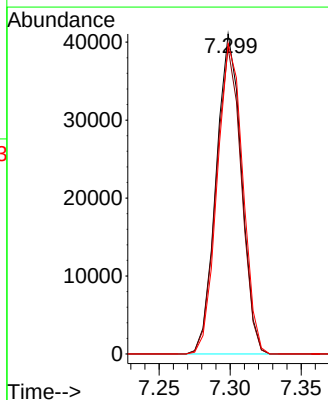
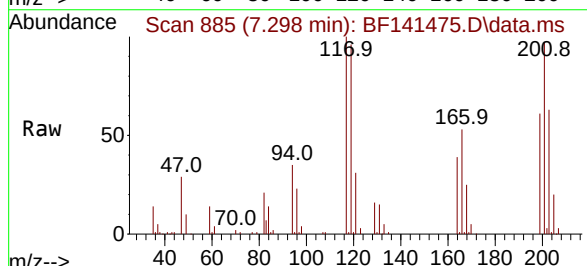
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

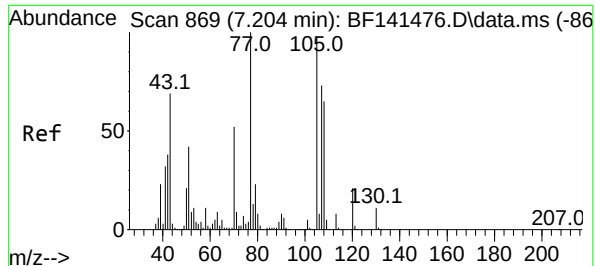
Tgt Ion:107 Resp: 96607
Ion Ratio Lower Upper
107 100
108 114.2 90.6 136.0
77 52.4 44.4 66.6
79 52.8 42.3 63.5



#18
Hexachloroethane
Concen: 21.409 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:117 Resp: 50745
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
201 97.0 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 21.546 ng

RT: 7.199 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 89512

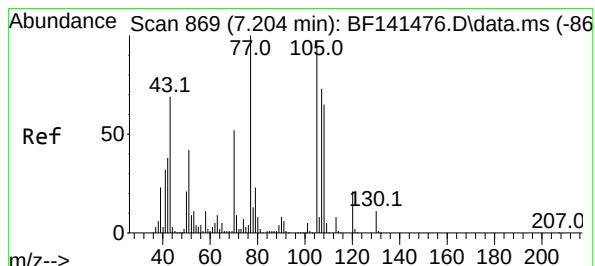
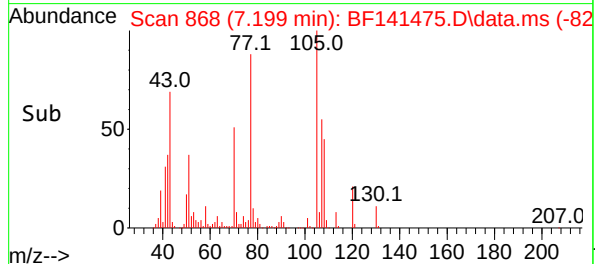
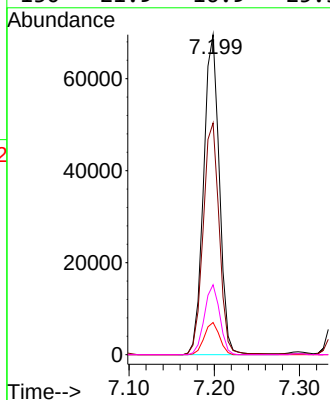
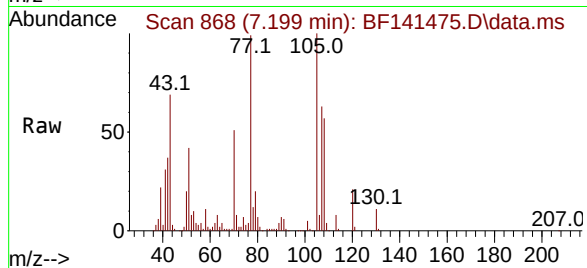
Ion Ratio Lower Upper

70 100

42 72.4 57.4 86.2

101 10.0 8.0 12.0

130 21.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 21.287 ng

RT: 7.199 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Tgt Ion:107 Resp: 125707

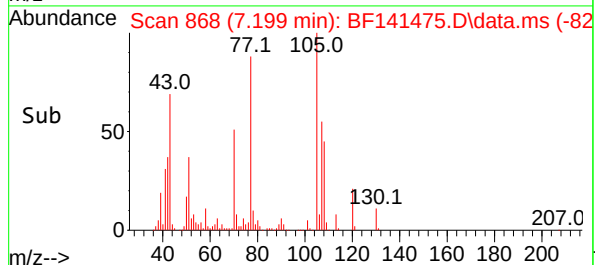
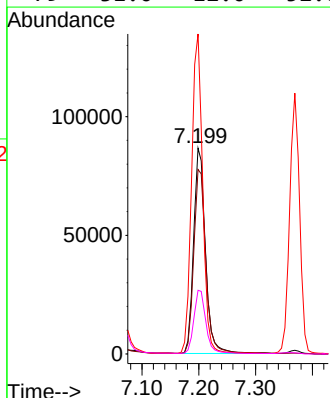
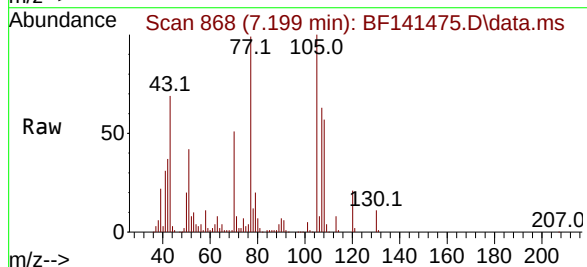
Ion Ratio Lower Upper

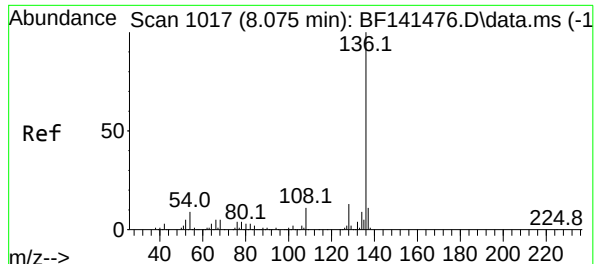
107 100

108 89.7 68.5 108.5

77 155.6 116.5 156.5

79 31.0 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 348017

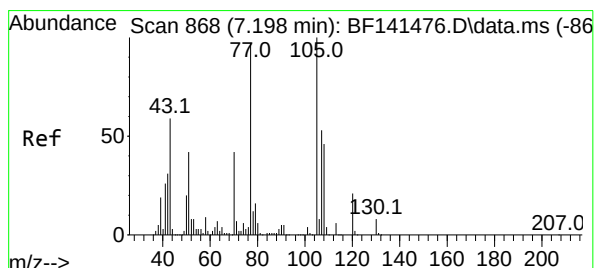
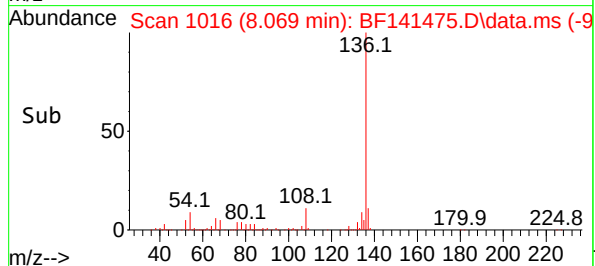
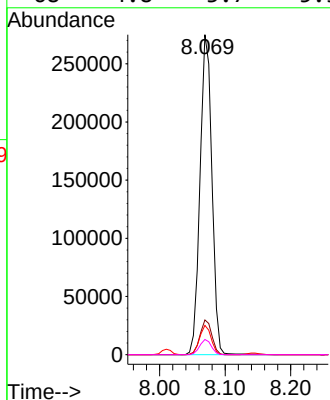
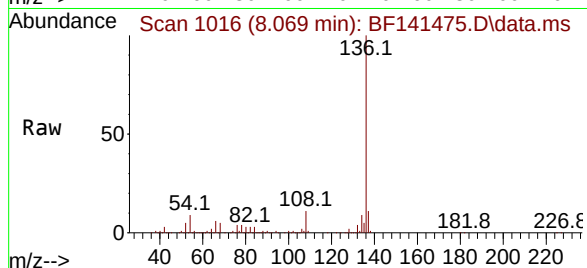
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.2 7.2 10.8

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 20.946 ng

RT: 7.199 min Scan# 868

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Tgt Ion:105 Resp: 181333

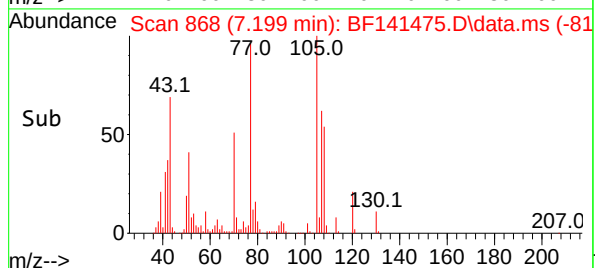
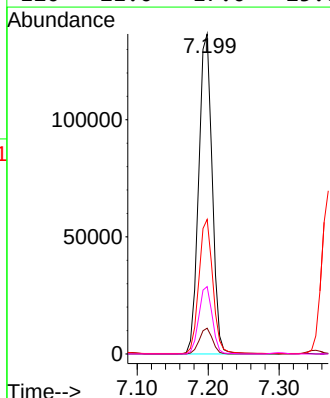
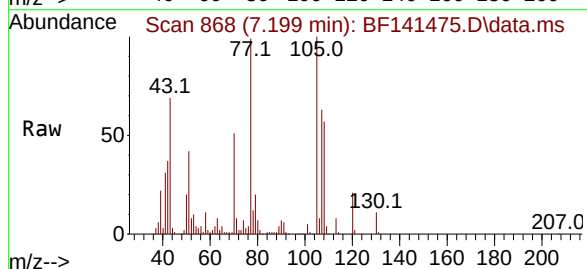
Ion Ratio Lower Upper

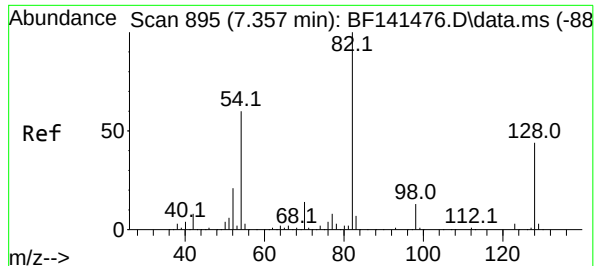
105 100

71 8.0 5.7 8.5

51 42.0 33.7 50.5

120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 41.331 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

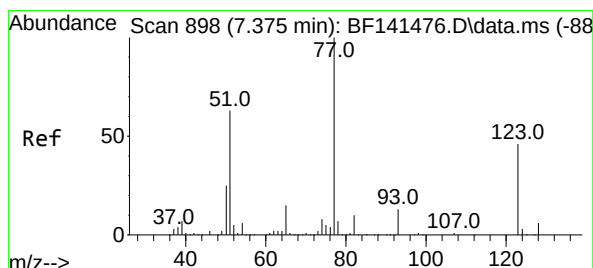
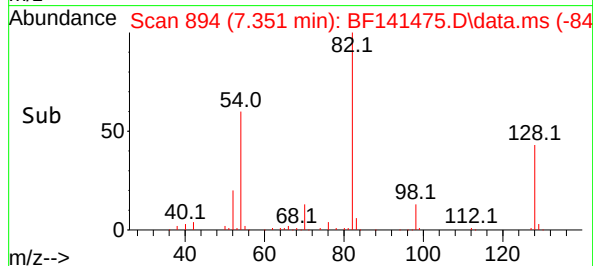
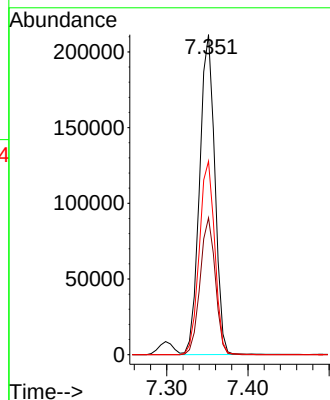
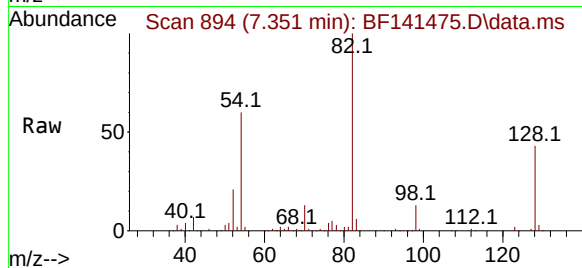
Tgt Ion: 82 Resp: 275773

Ion Ratio Lower Upper

82 100

128 42.7 34.8 52.2

54 60.5 48.2 72.4



#24

Nitrobenzene

Concen: 20.485 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

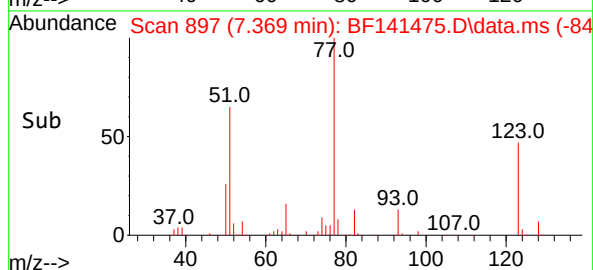
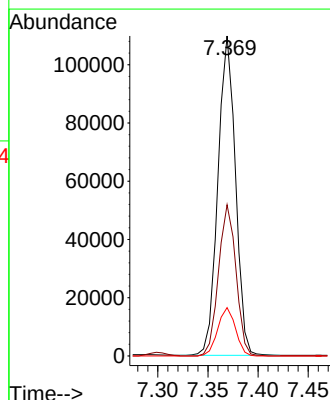
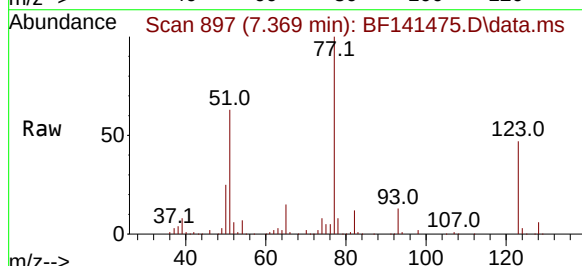
Tgt Ion: 77 Resp: 133285

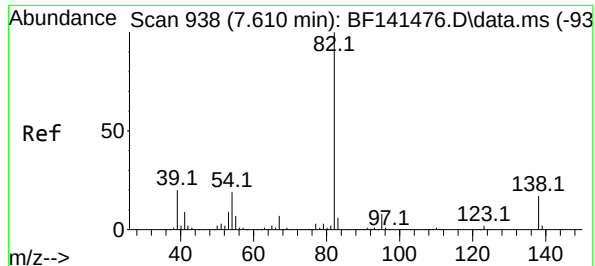
Ion Ratio Lower Upper

77 100

123 47.3 36.9 55.3

65 15.1 11.9 17.9

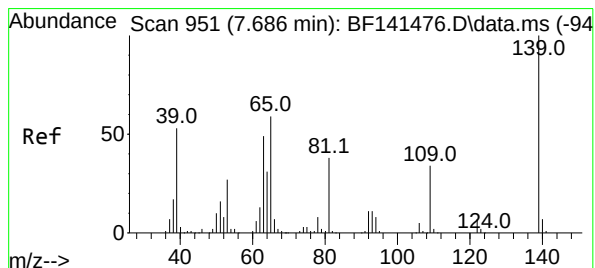
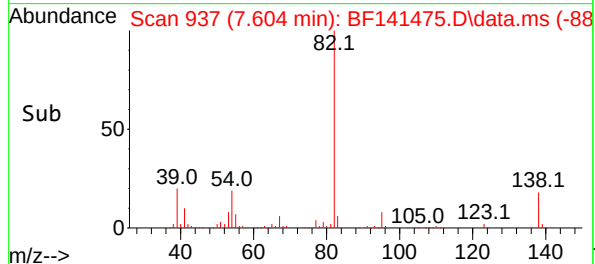
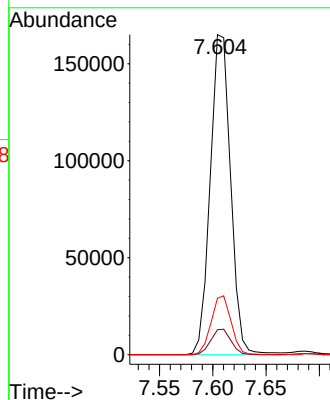
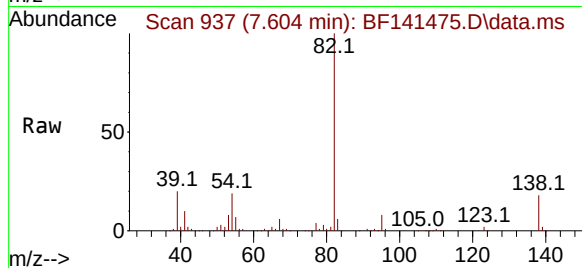




#25
Isophorone
Concen: 20.706 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

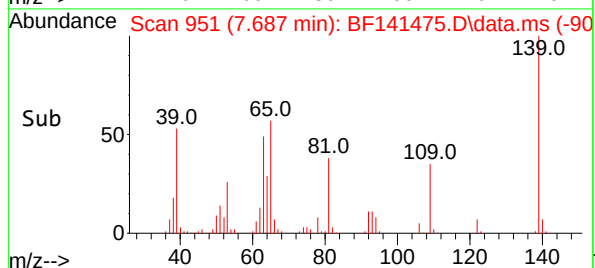
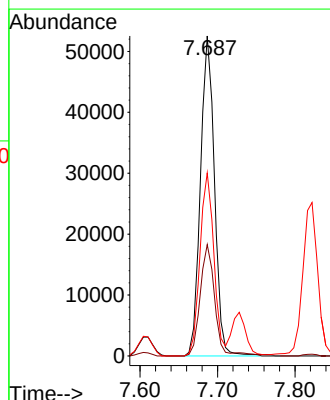
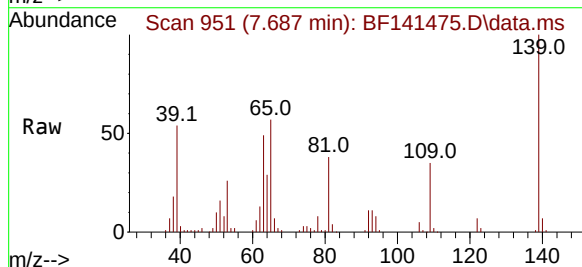
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

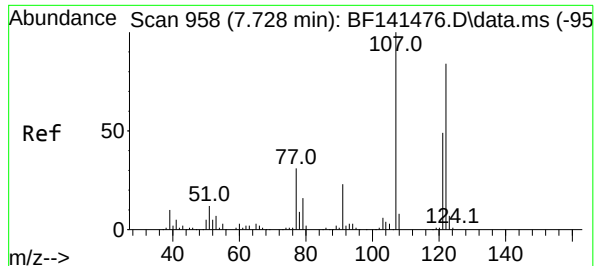
Tgt Ion: 82 Resp: 220291
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.9 20.9



#26
2-Nitrophenol
Concen: 20.449 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 139 Resp: 66195
Ion Ratio Lower Upper
139 100
109 34.8 27.0 40.6
65 57.2 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 20.296 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

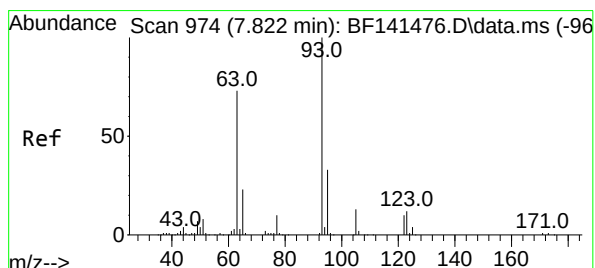
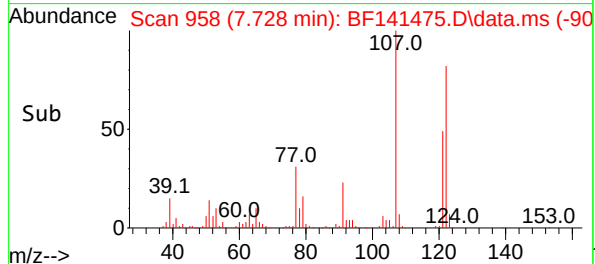
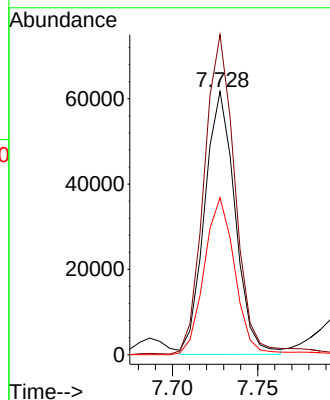
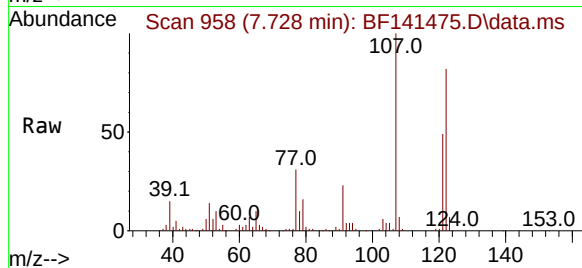
Tgt Ion:122 Resp: 76751

Ion Ratio Lower Upper

122 100

107 121.6 94.3 141.5

121 59.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 20.852 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

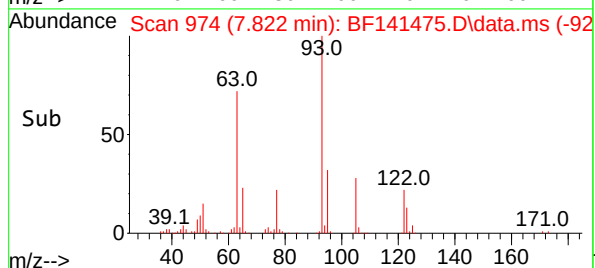
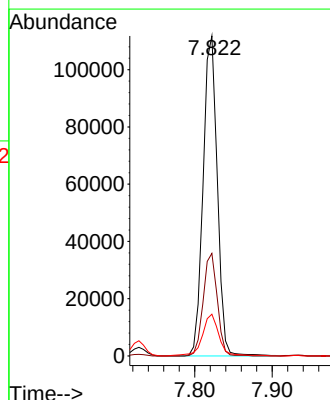
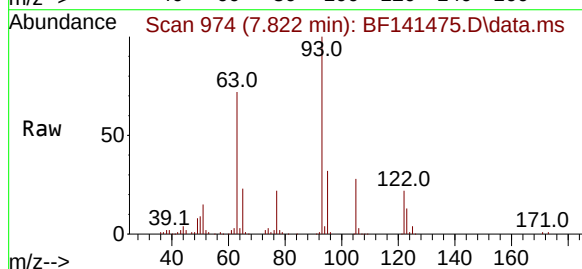
Tgt Ion: 93 Resp: 142151

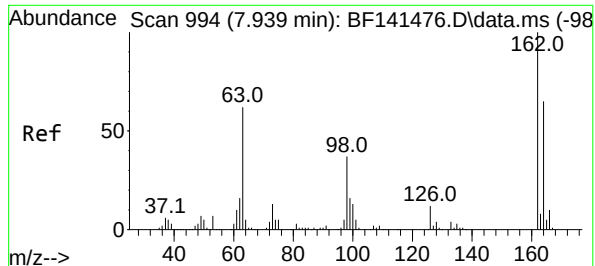
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 13.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 21.227 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

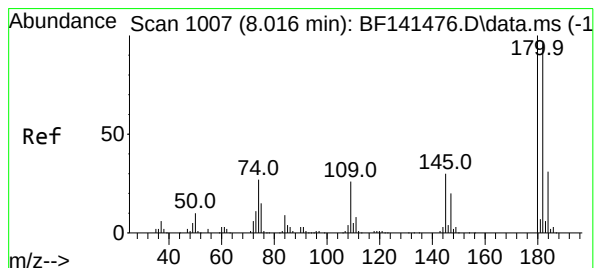
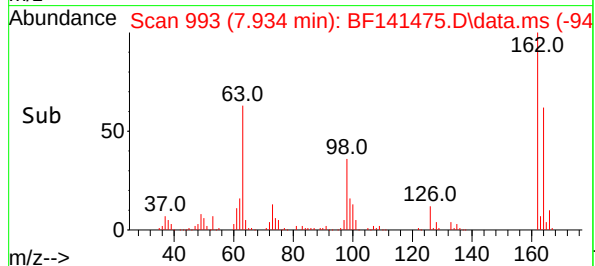
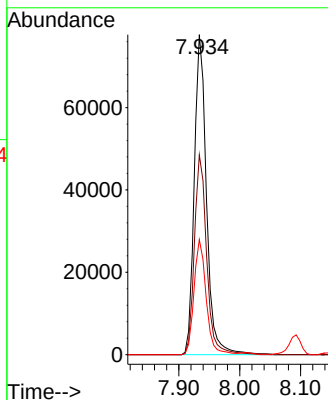
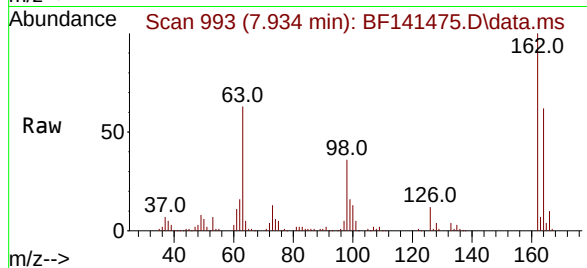
Tgt Ion:162 Resp: 108456

Ion Ratio Lower Upper

162 100

164 62.4 44.6 84.6

98 36.0 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 20.678 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

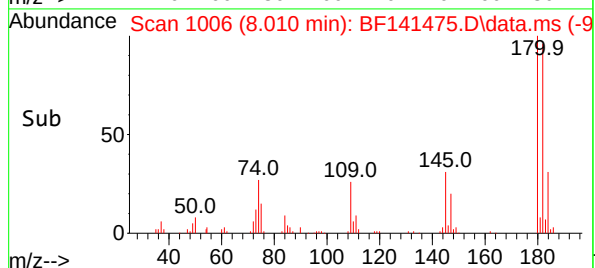
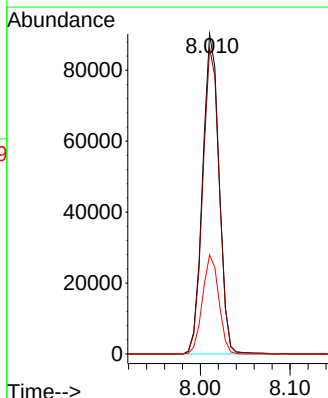
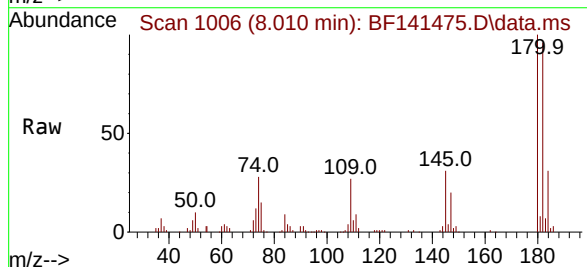
Tgt Ion:180 Resp: 115050

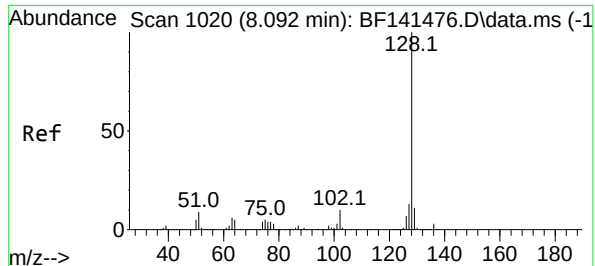
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

145 31.0 24.2 36.4





#31

Naphthalene

Concen: 21.062 ng

RT: 8.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

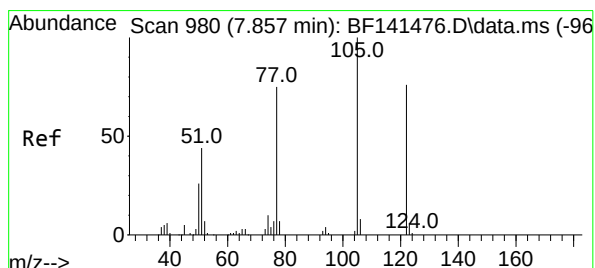
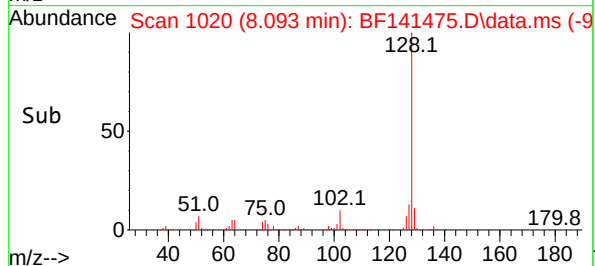
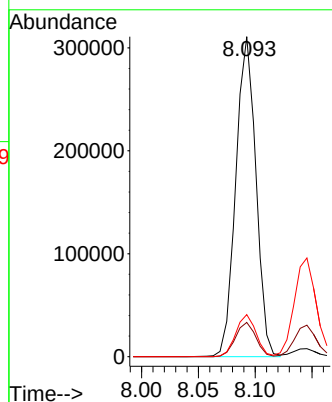
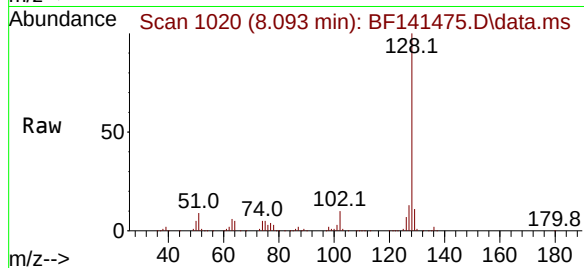
Tgt Ion:128 Resp: 381547

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 19.212 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.064 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

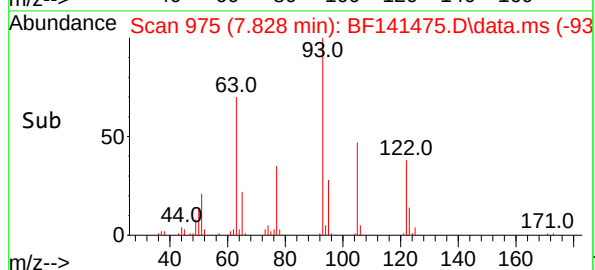
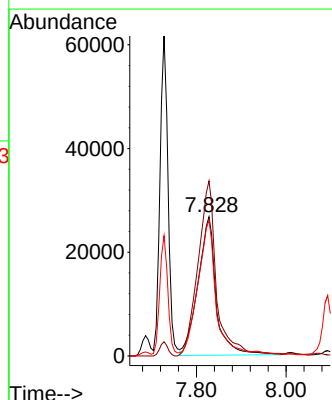
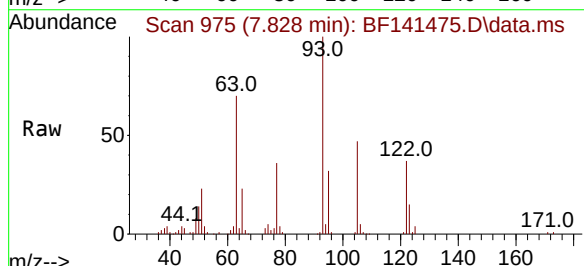
Tgt Ion:122 Resp: 75462

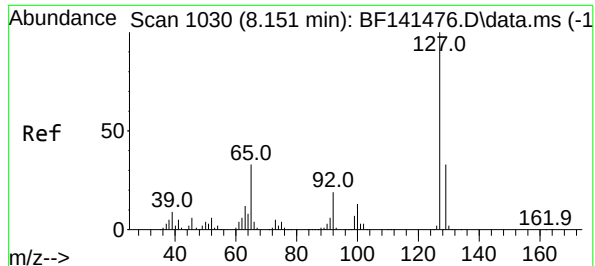
Ion Ratio Lower Upper

122 100

105 125.8 106.5 146.5

77 97.6 76.3 116.3

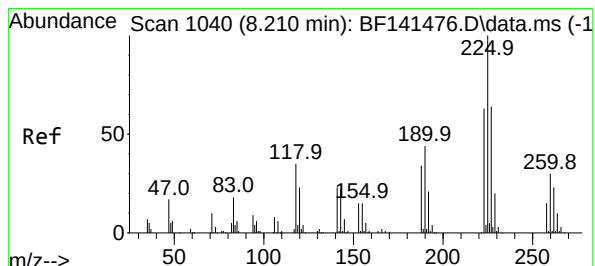
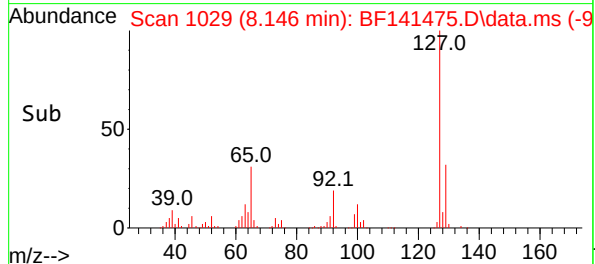
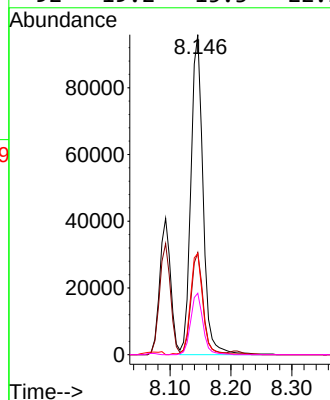
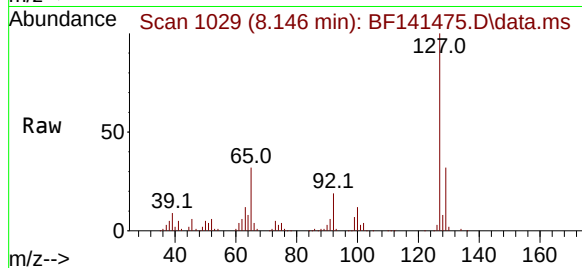




#33
4-Chloroaniline
Concen: 21.014 ng
RT: 8.146 min Scan# 1029
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

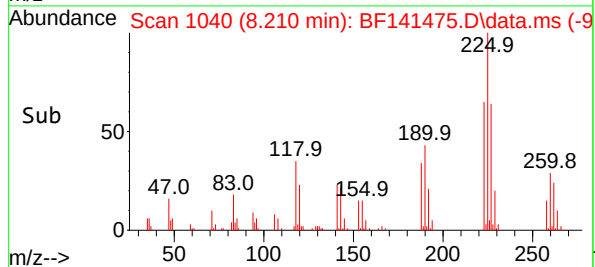
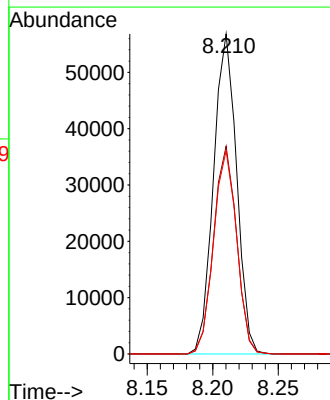
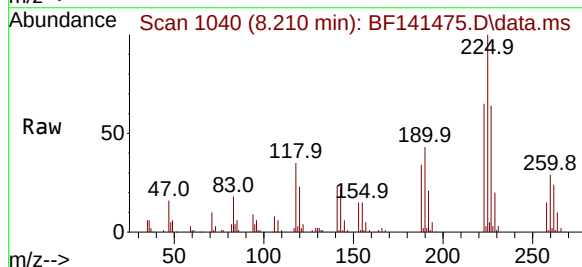
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

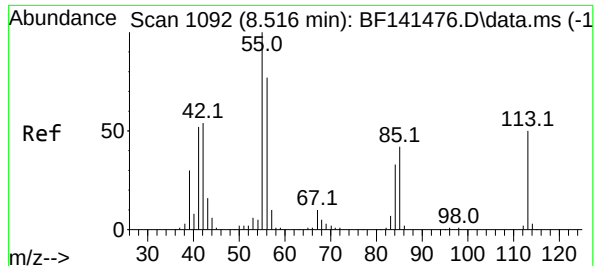
Tgt Ion:	127	Resp:	132911
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	31.6	26.4	39.6
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 20.804 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:	225	Resp:	69492
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.1	75.1
227	63.5	51.0	76.6

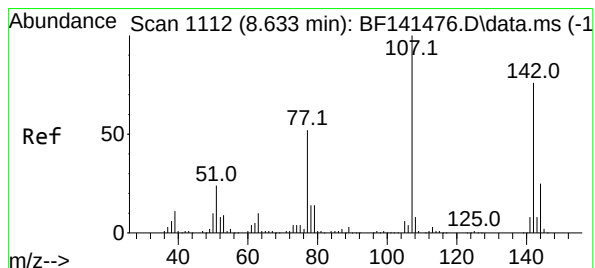
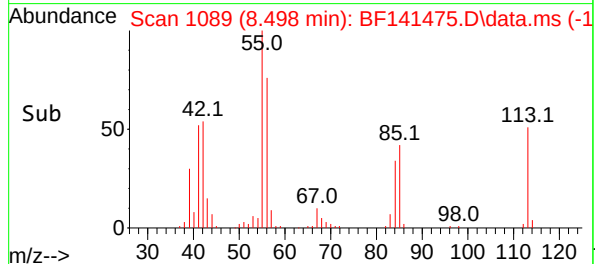
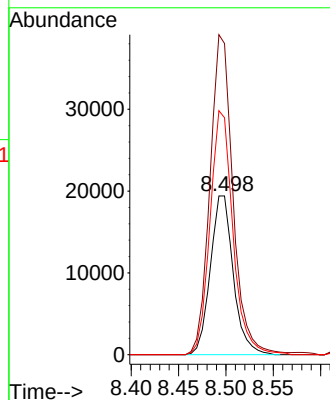
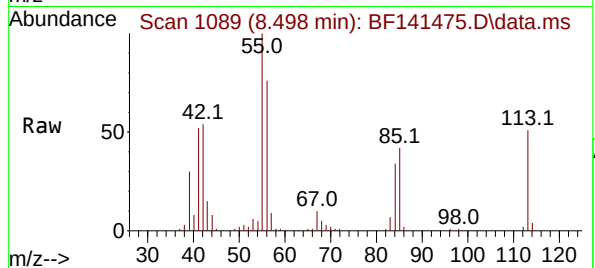




#35
Caprolactam
Concen: 21.050 ng
RT: 8.498 min Scan# 1109
Delta R.T. -0.047 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

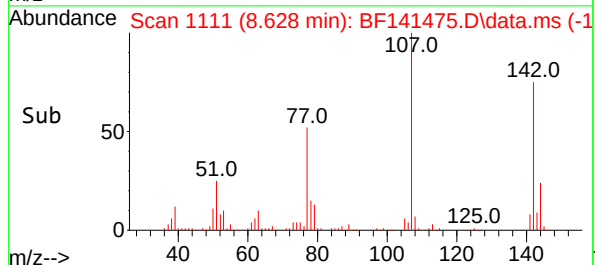
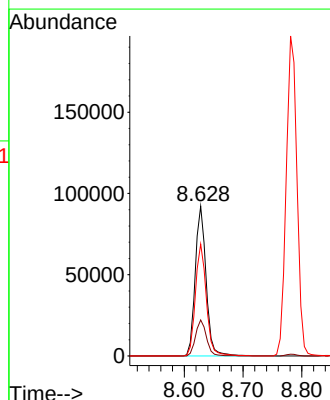
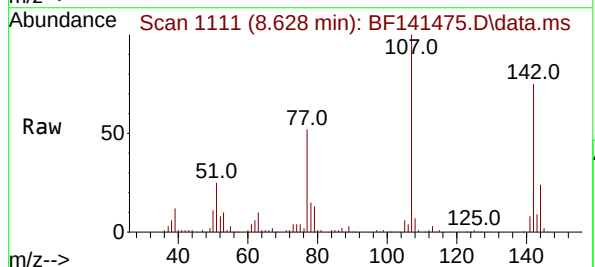
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

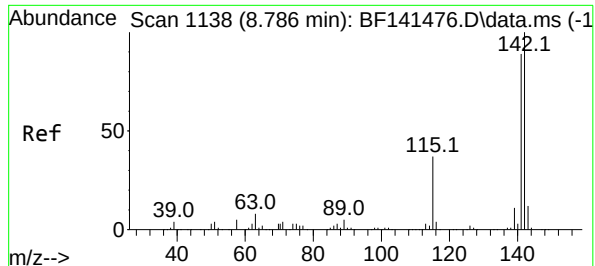
Tgt Ion:113 Resp: 32746
Ion Ratio Lower Upper
113 100
55 196.0 180.8 220.8
56 149.2 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 21.029 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:107 Resp: 119021
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 74.7 60.8 91.2





#37

2-Methylnaphthalene

Concen: 21.238 ng

RT: 8.781 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

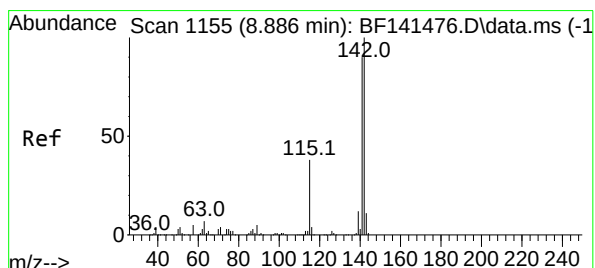
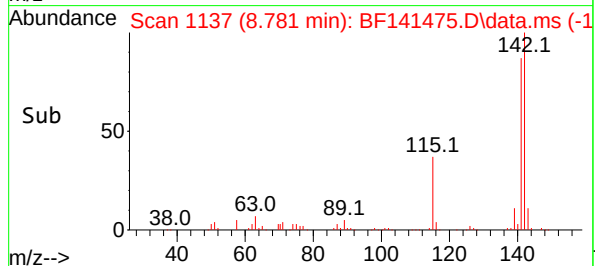
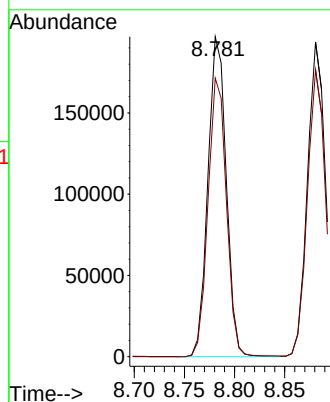
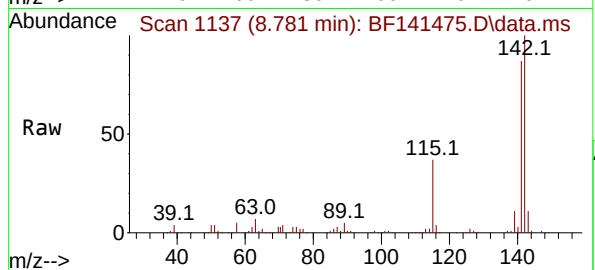
SSTDICC020

Tgt Ion:142 Resp: 250365

Ion Ratio Lower Upper

142 100

141 87.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 21.056 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141475.D

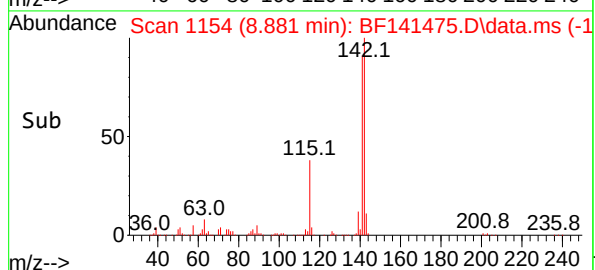
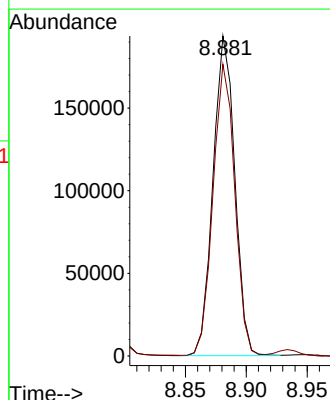
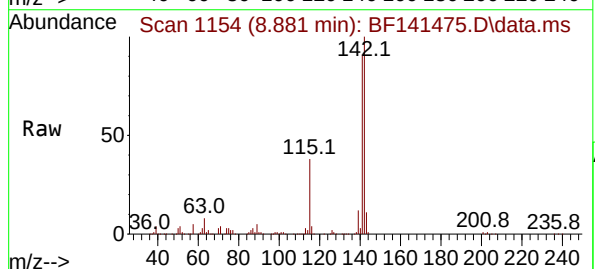
Acq: 06 Feb 2025 12:26

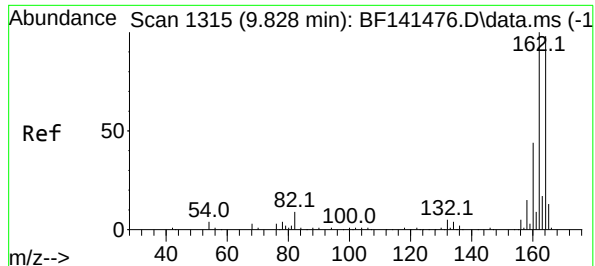
Tgt Ion:142 Resp: 240408

Ion Ratio Lower Upper

142 100

141 91.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

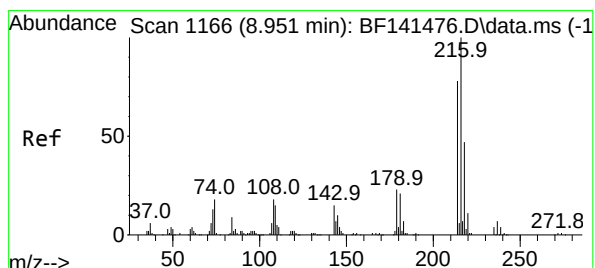
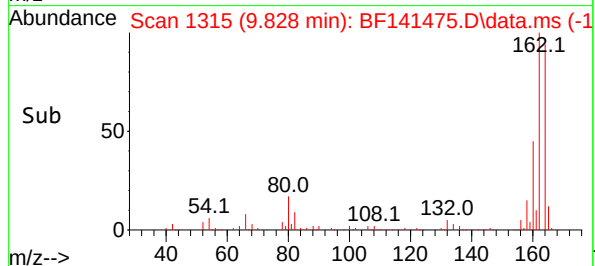
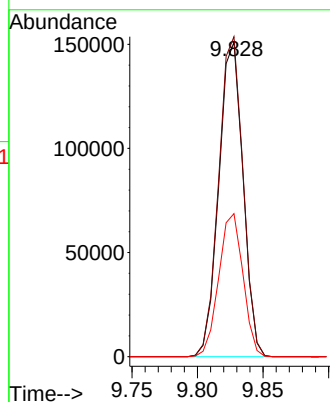
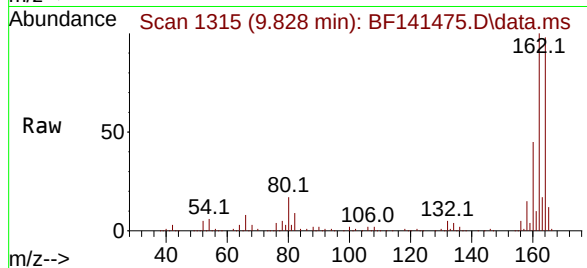
Tgt Ion:164 Resp: 193091

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.753 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Tgt Ion:216 Resp: 115936

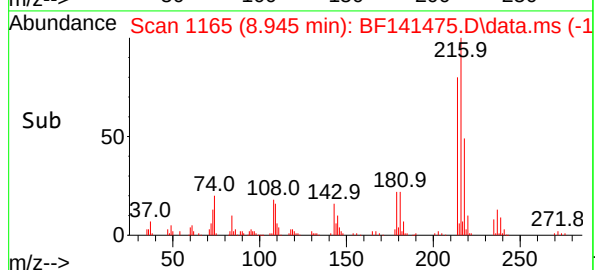
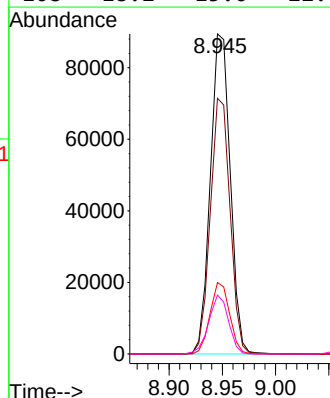
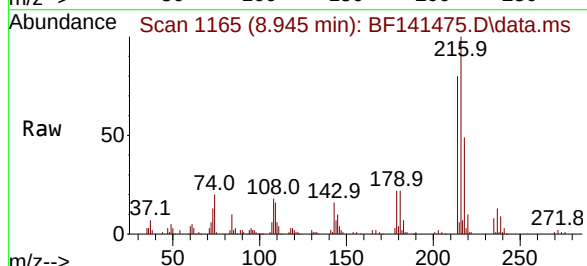
Ion Ratio Lower Upper

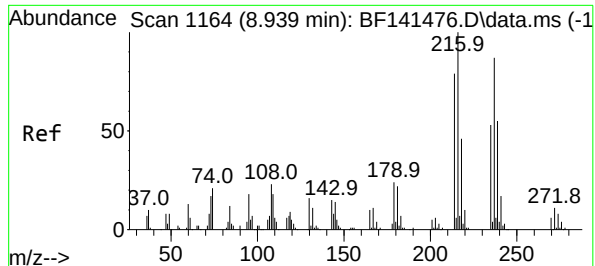
216 100

214 79.3 62.3 93.5

179 21.9 18.0 27.0

108 18.2 15.0 22.6

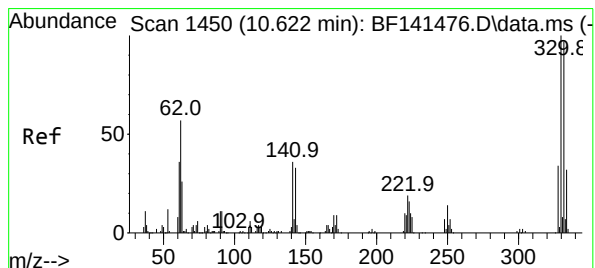
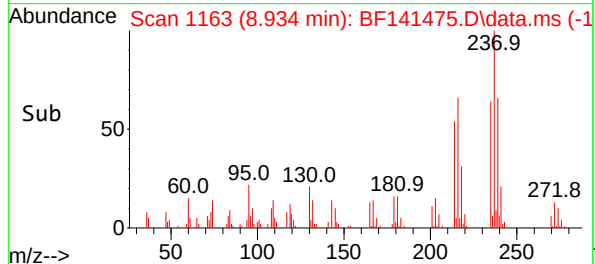
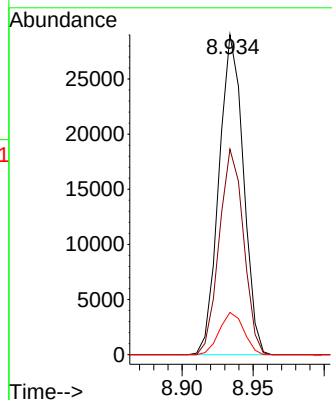
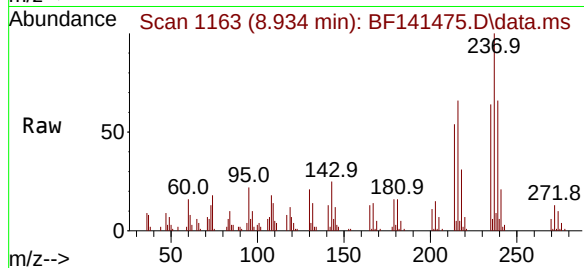




#41
Hexachlorocyclopentadiene
Concen: 18.691 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.005 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

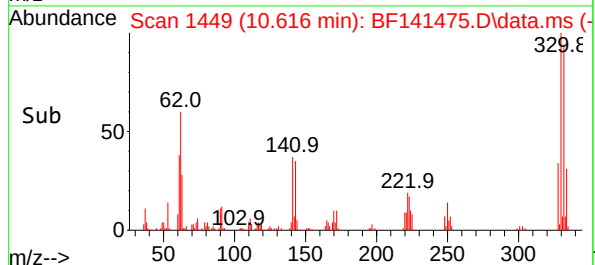
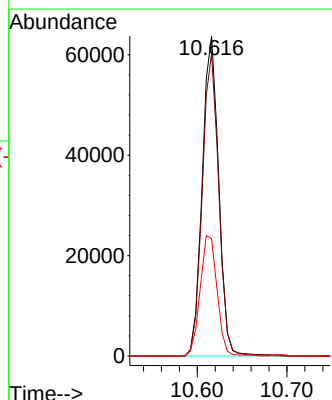
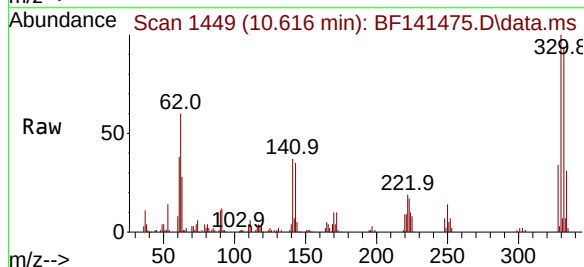
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

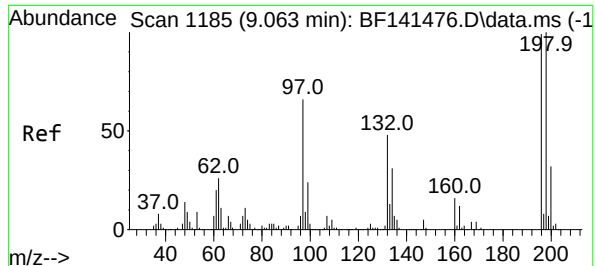
Tgt Ion:237 Resp: 34729
Ion Ratio Lower Upper
237 100
235 64.2 41.4 81.4
272 13.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 41.714 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:330 Resp: 80912
Ion Ratio Lower Upper
330 100
332 94.7 78.5 117.7
141 38.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 20.817 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141475.D

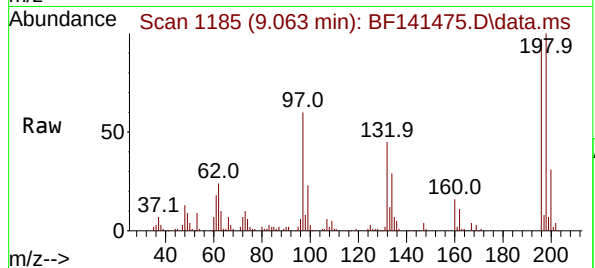
Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



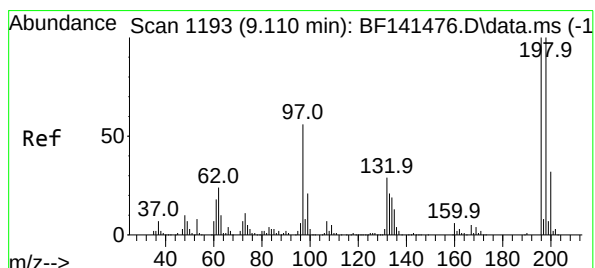
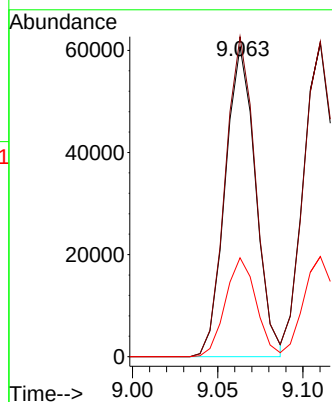
Tgt Ion:196 Resp: 75161

Ion Ratio Lower Upper

196 100

198 103.2 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

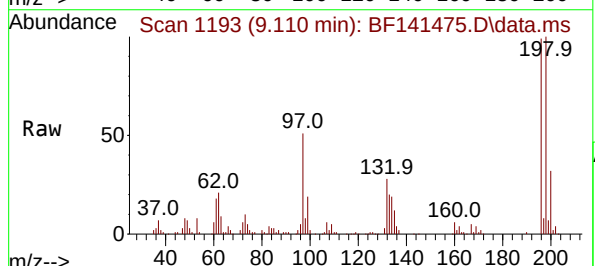
Concen: 21.240 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26



Tgt Ion:196 Resp: 83112

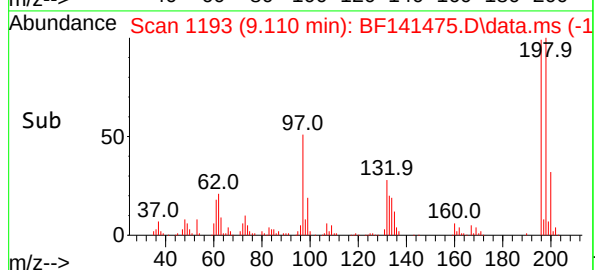
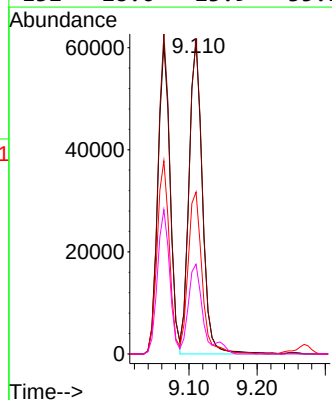
Ion Ratio Lower Upper

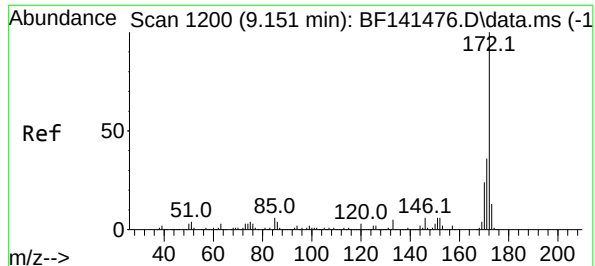
196 100

198 100.6 79.8 119.8

97 51.7 44.8 67.2

132 28.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 42.674 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

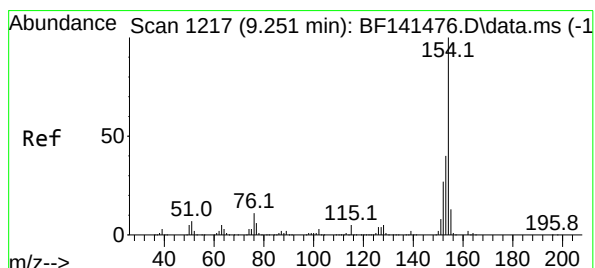
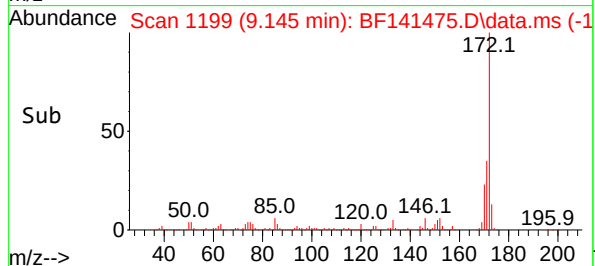
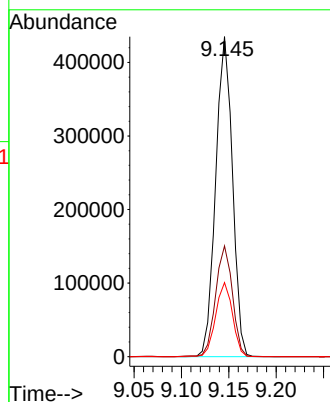
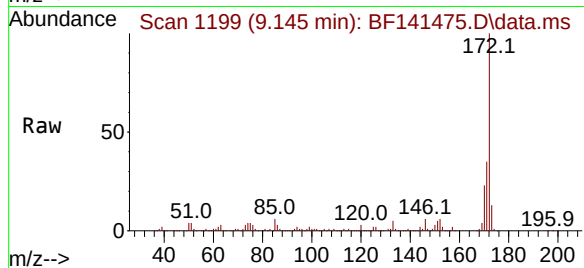
Tgt Ion:172 Resp: 534841

Ion Ratio Lower Upper

172 100

171 34.6 28.7 43.1

170 23.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 21.045 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

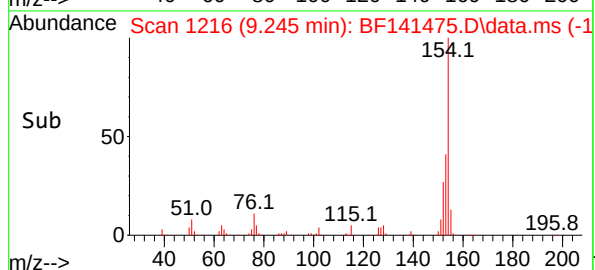
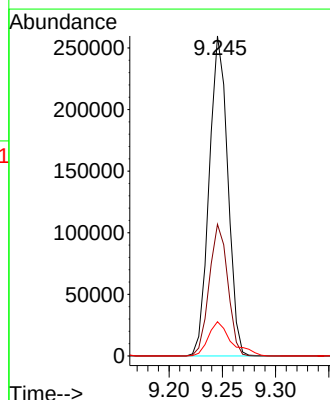
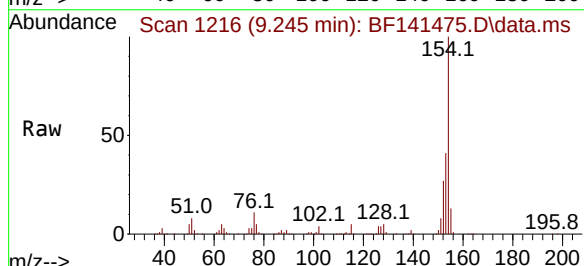
Tgt Ion:154 Resp: 315040

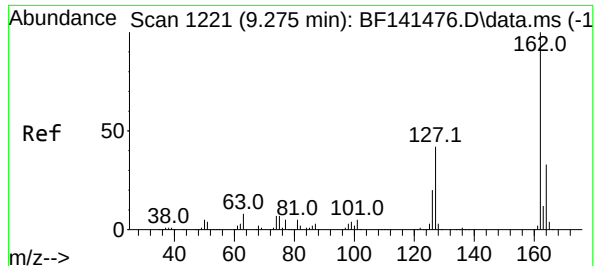
Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

76 10.7 0.0 30.8





#47

2-Chloronaphthalene

Concen: 21.119 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

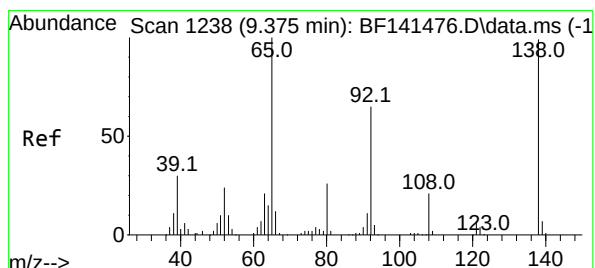
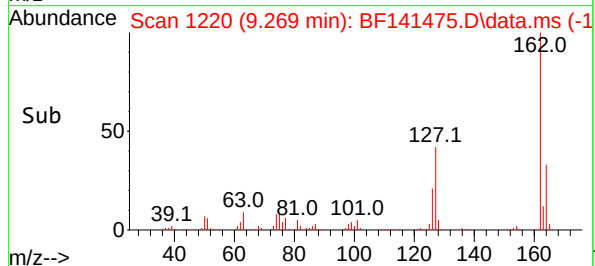
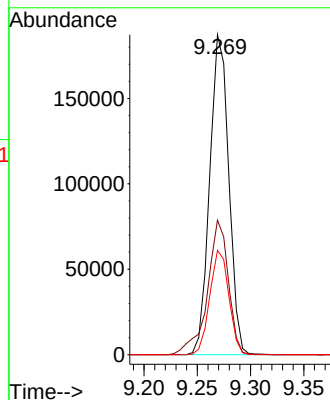
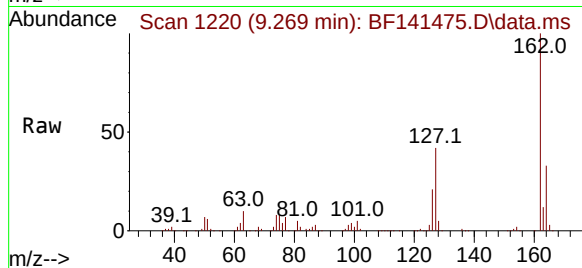
Tgt Ion:162 Resp: 233789

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 20.455 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

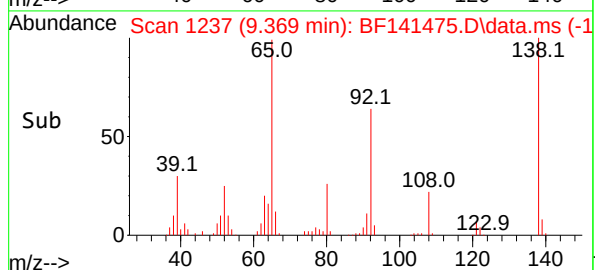
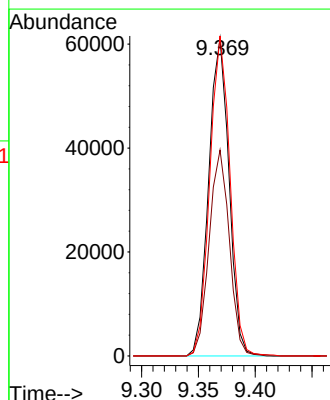
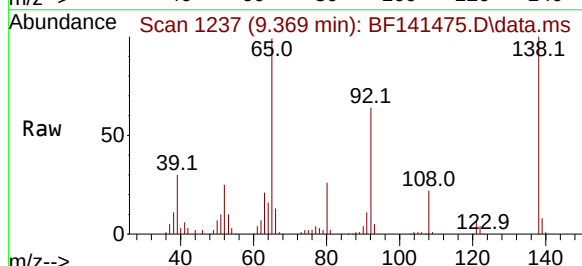
Tgt Ion: 65 Resp: 75990

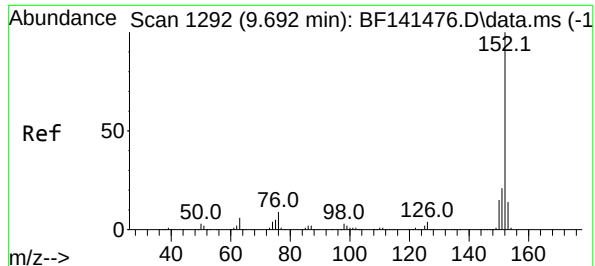
Ion Ratio Lower Upper

65 100

92 64.8 52.2 78.2

138 100.7 79.5 119.3





#49

Acenaphthylene

Concen: 21.004 ng

RT: 9.687 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

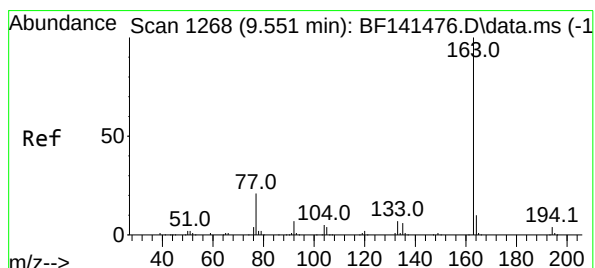
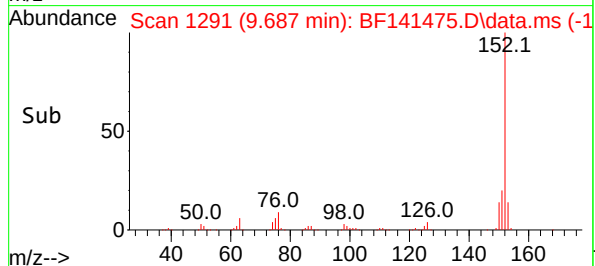
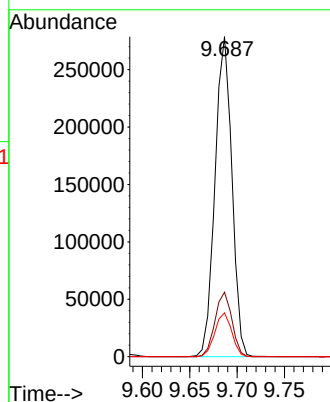
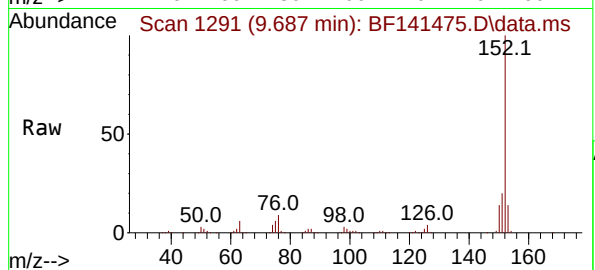
Tgt Ion:152 Resp: 345829

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 20.744 ng

RT: 9.545 min Scan# 1267

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

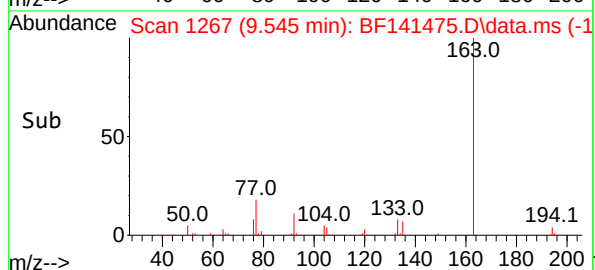
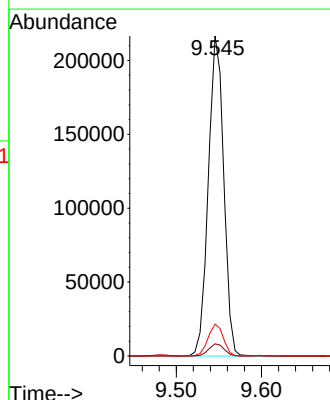
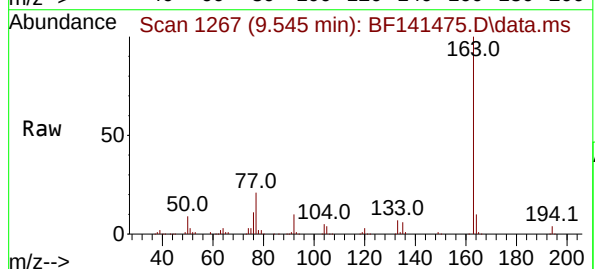
Tgt Ion:163 Resp: 271920

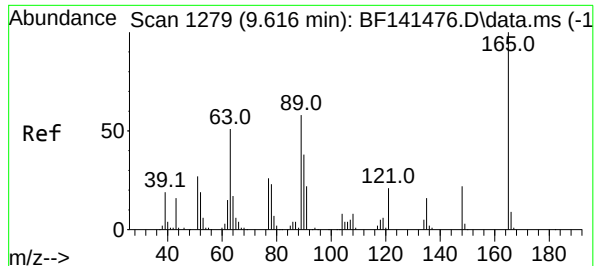
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9

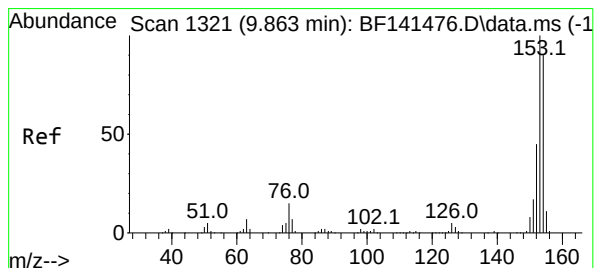
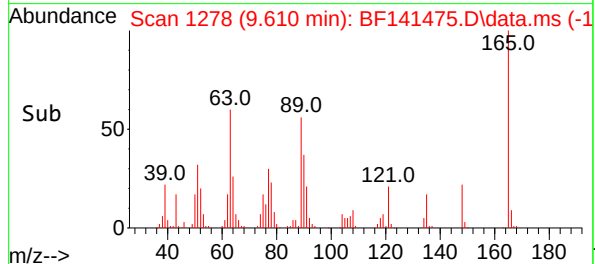
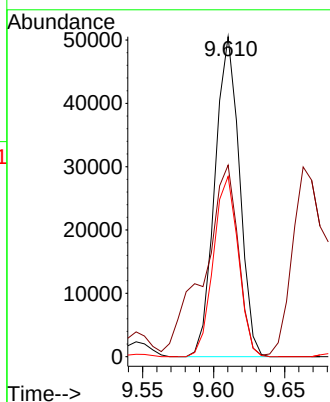
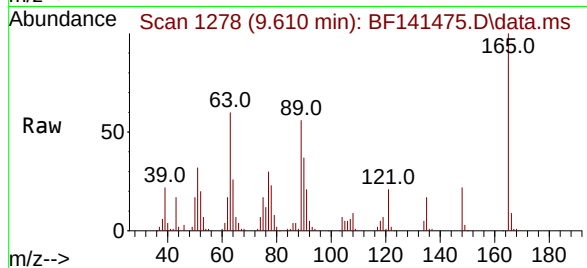




#51
2,6-Dinitrotoluene
Concen: 21.182 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

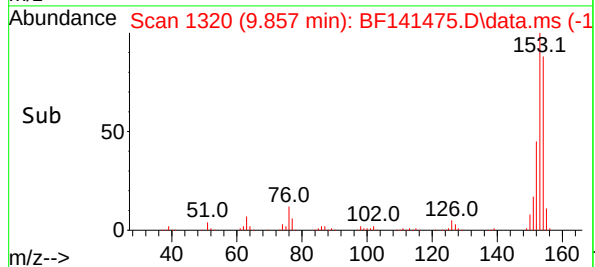
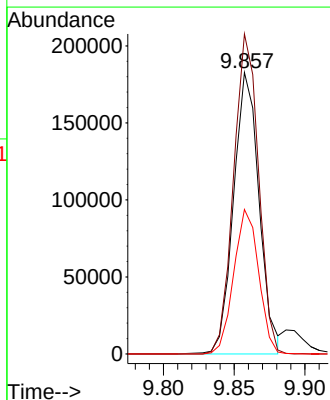
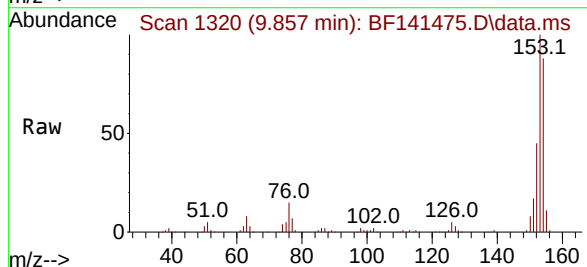
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

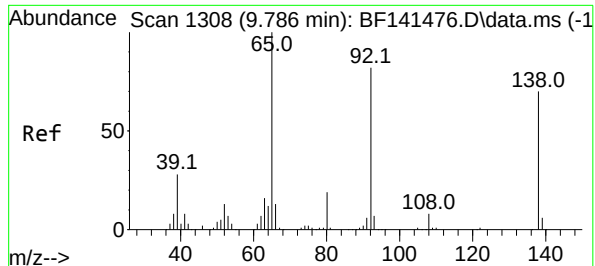
Tgt Ion:165 Resp: 60700
Ion Ratio Lower Upper
165 100
63 59.8 49.4 74.0
89 56.3 46.5 69.7



#52
Acenaphthene
Concen: 20.728 ng m
RT: 9.857 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:154 Resp: 229442
Ion Ratio Lower Upper
154 100
153 113.7 89.2 133.8
152 51.3 39.8 59.8

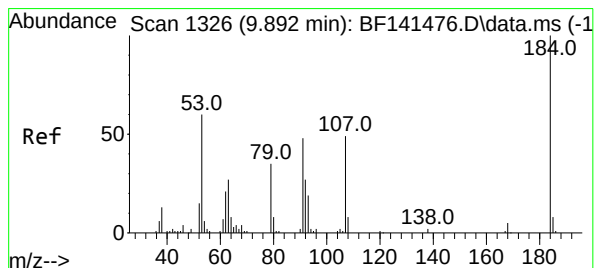
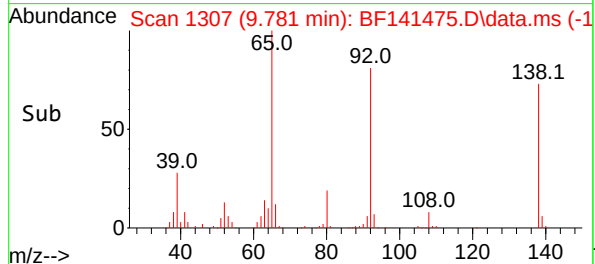
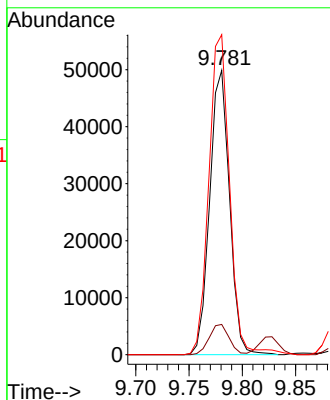
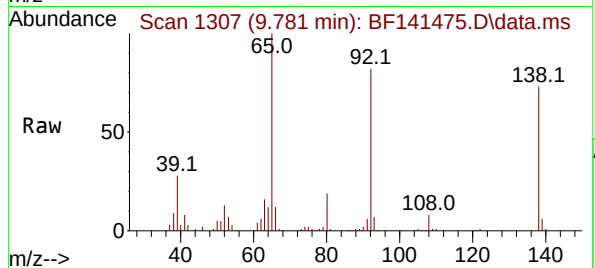




#53
3-Nitroaniline
Concen: 20.954 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

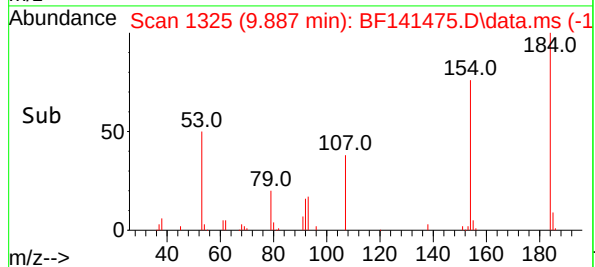
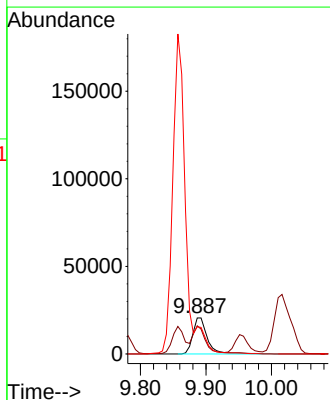
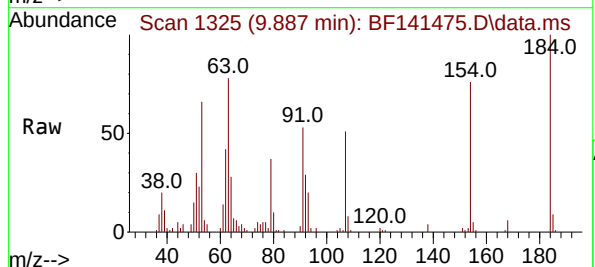
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

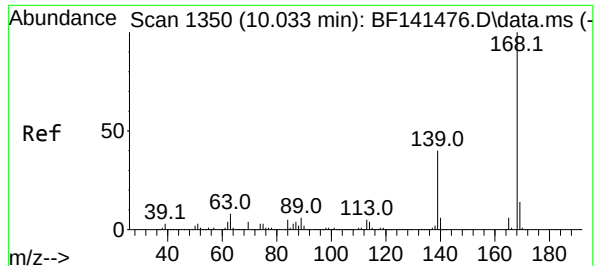
Tgt Ion:138 Resp: 64626
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 112.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 18.898 ng
RT: 9.887 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:184 Resp: 32186
Ion Ratio Lower Upper
184 100
63 78.3 61.0 91.6
154 75.8 59.9 89.9





#55

Dibenzenofuran

Concen: 21.087 ng

RT: 10.028 min Scan# 1349

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

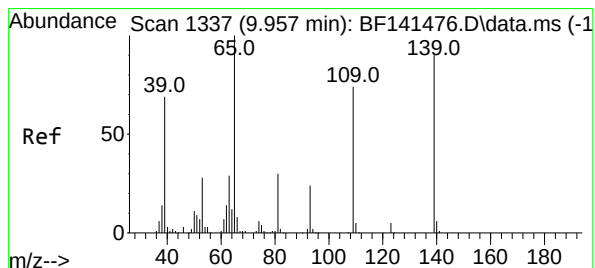
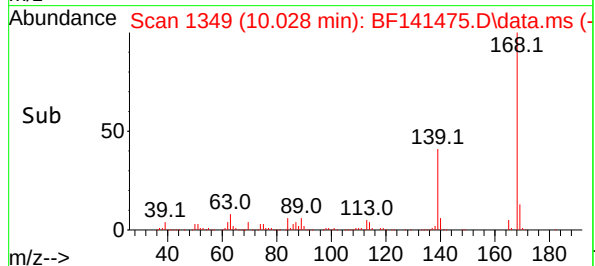
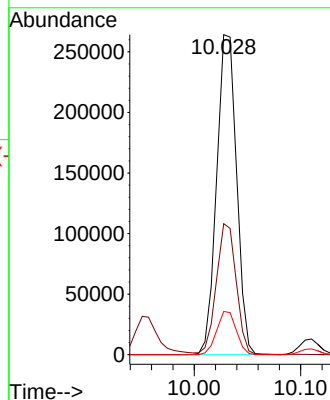
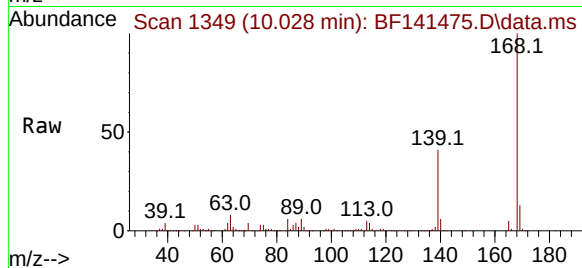
Tgt Ion:168 Resp: 342620

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 20.843 ng

RT: 9.951 min Scan# 1336

Delta R.T. -0.018 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

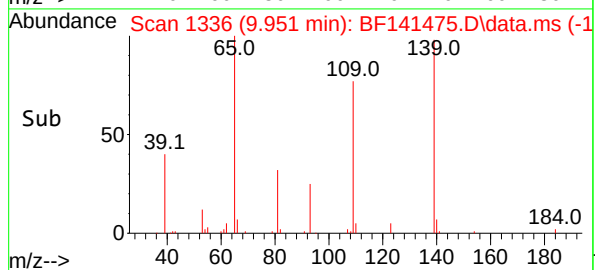
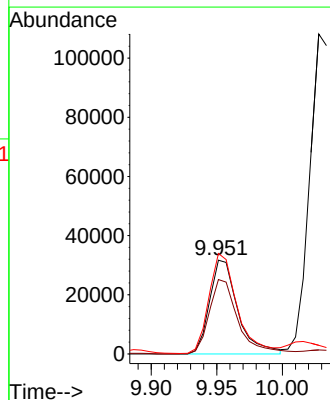
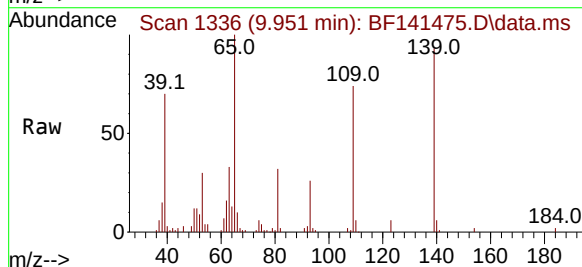
Tgt Ion:139 Resp: 47721

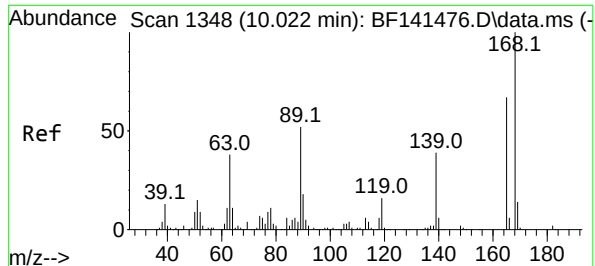
Ion Ratio Lower Upper

139 100

109 79.3 62.0 102.0

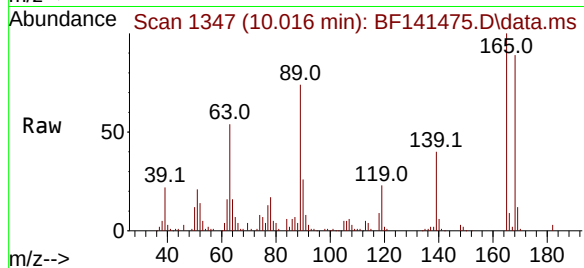
65 107.1 91.2 131.2



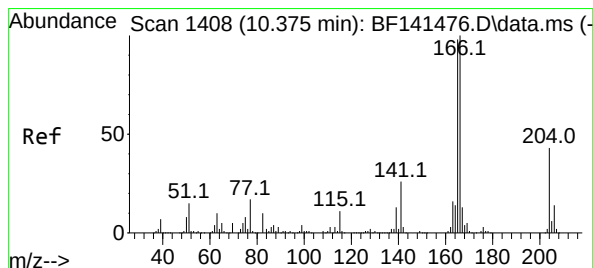
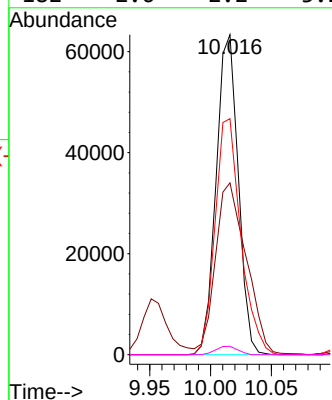
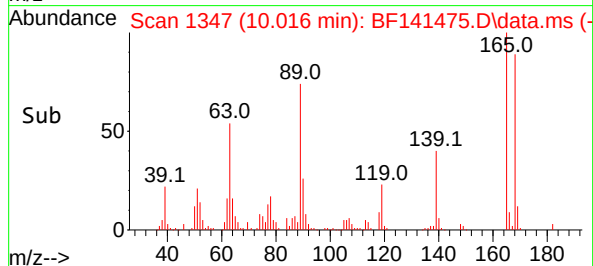


#57
2,4-Dinitrotoluene
Concen: 20.936 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

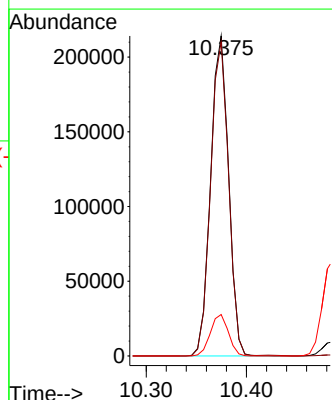
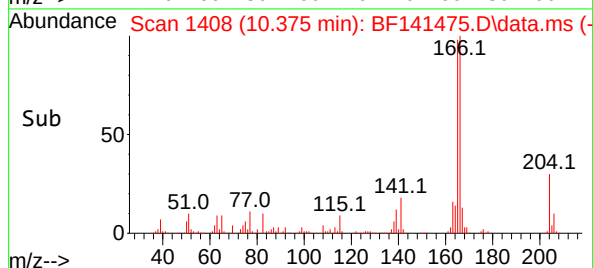
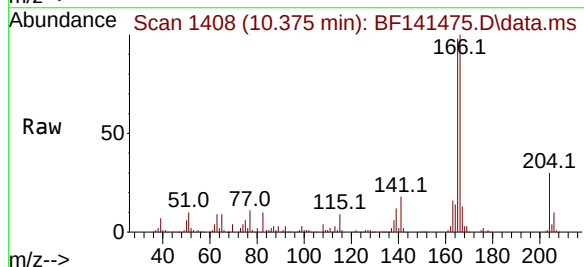


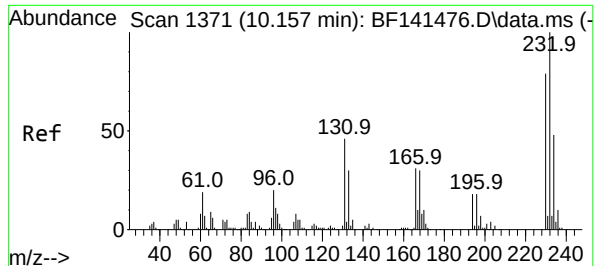
Tgt Ion:165 Resp: 79865
Ion Ratio Lower Upper
165 100
63 53.7 46.4 69.6
89 73.8 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 21.159 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:166 Resp: 265810
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 13.0 10.7 16.1

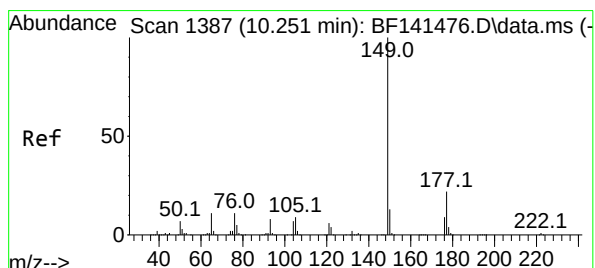
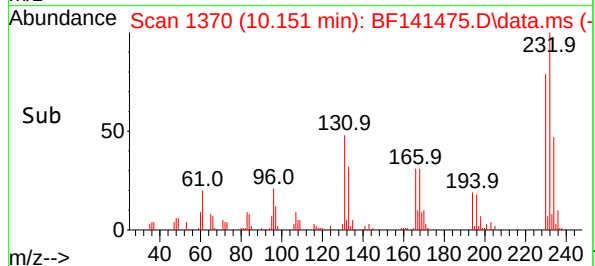
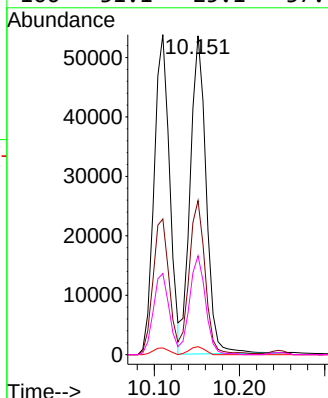
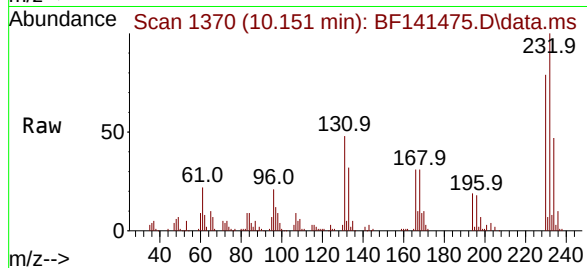




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.579 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

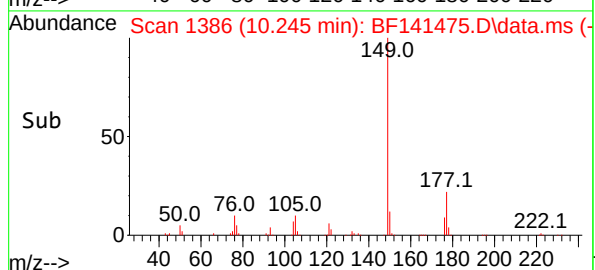
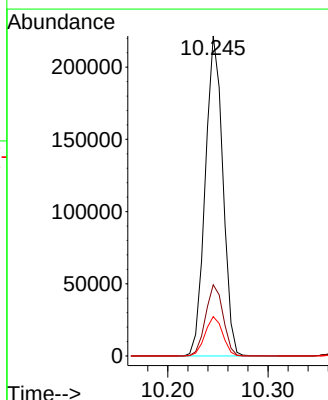
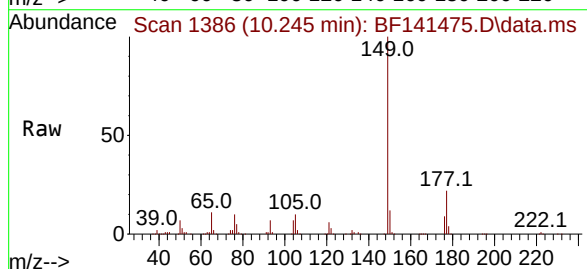
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

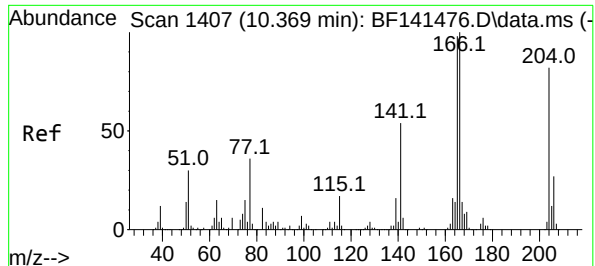
Tgt Ion:232 Resp: 69328
Ion Ratio Lower Upper
232 100
131 49.0 39.2 58.8
130 2.4 2.1 3.1
166 31.1 25.1 37.7



#60
Diethylphthalate
Concen: 20.936 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:149 Resp: 270018
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.3 10.1 15.1

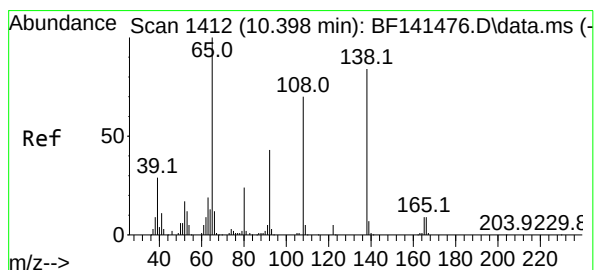
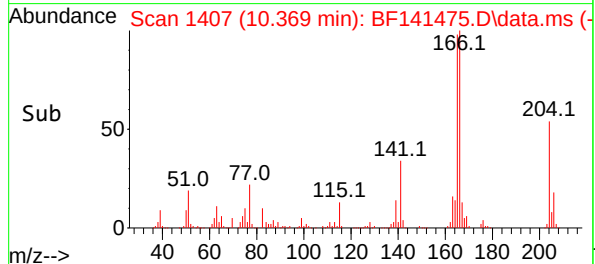
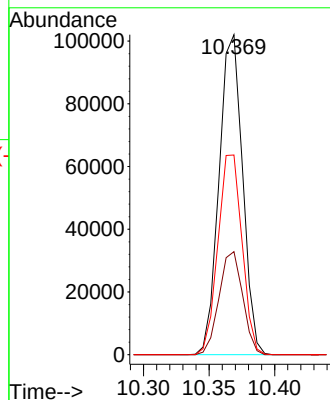
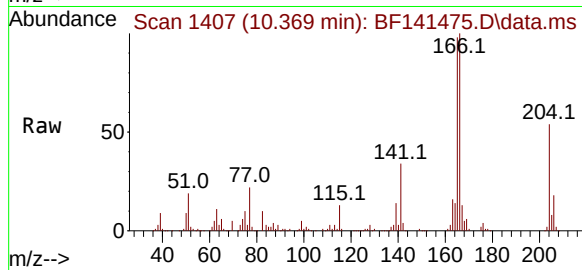




#61
4-Chlorophenyl-phenylether
Concen: 21.049 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

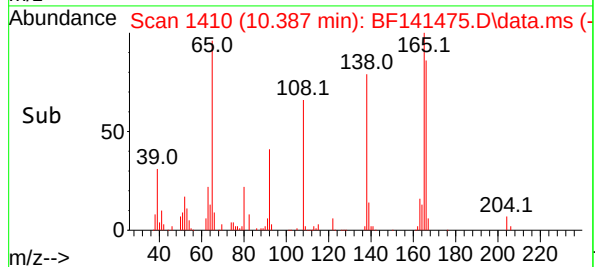
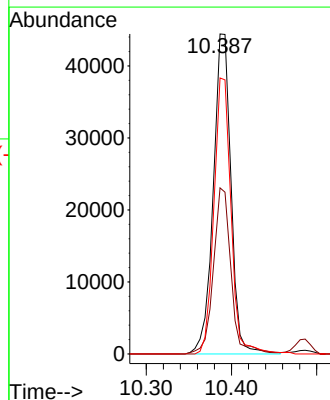
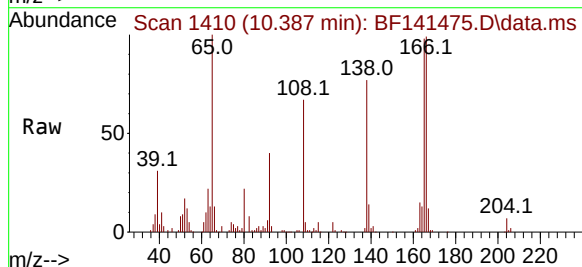
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

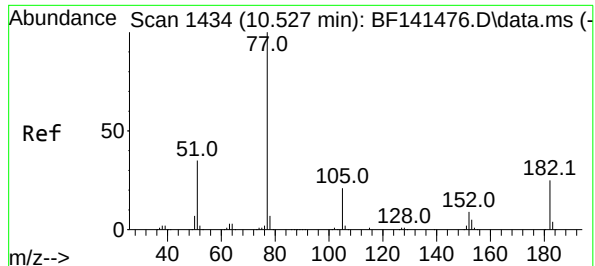
Tgt Ion:204 Resp: 127216
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 62.4 51.9 77.9



#62
4-Nitroaniline
Concen: 20.519 ng
RT: 10.387 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:138 Resp: 64262
Ion Ratio Lower Upper
138 100
92 51.9 31.3 71.3
108 86.2 63.7 103.7

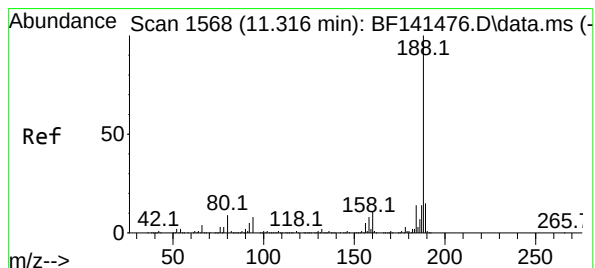
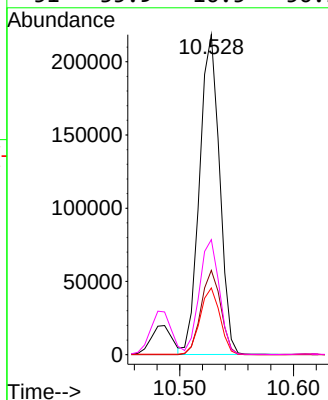
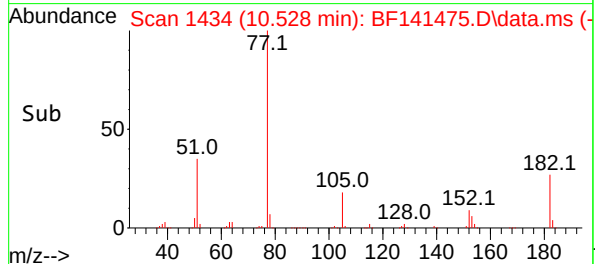
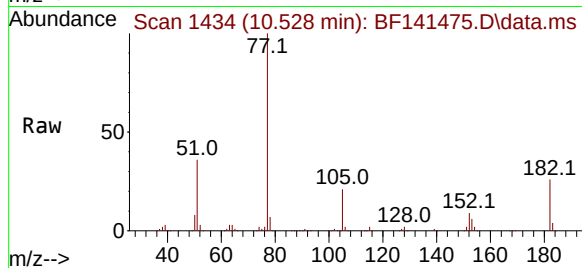




#63
Azobenzene
Concen: 20.853 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.005 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

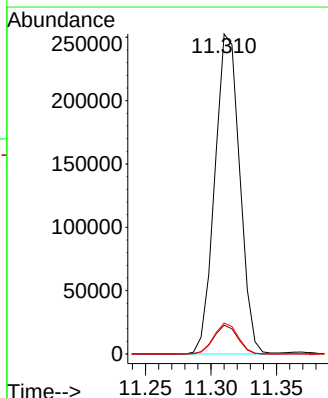
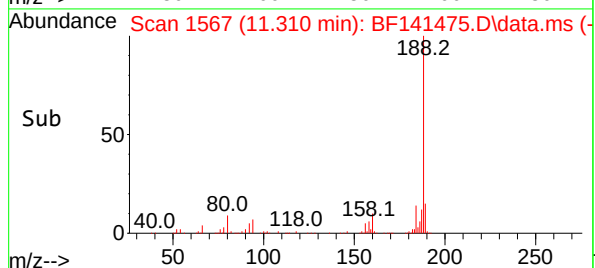
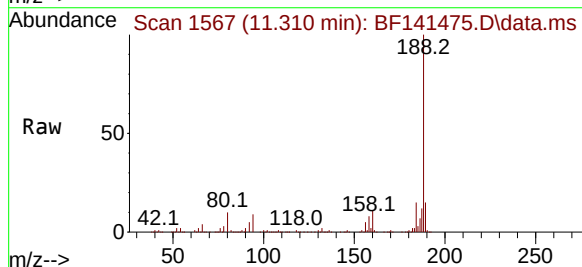
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

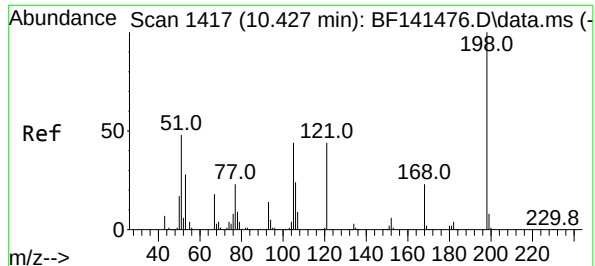
Tgt Ion: 77	Resp: 267372
Ion Ratio	Lower Upper
77 100	
182 26.4	4.7 44.7
105 20.9	0.4 40.4
51 35.9	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion: 188	Resp: 333651
Ion Ratio	Lower Upper
188 100	
94 9.0	6.6 10.0
80 9.7	7.3 10.9

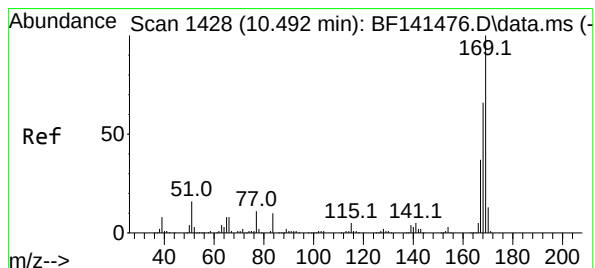
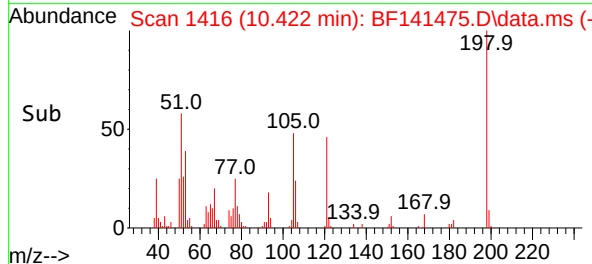
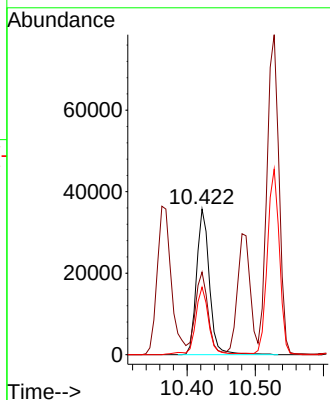
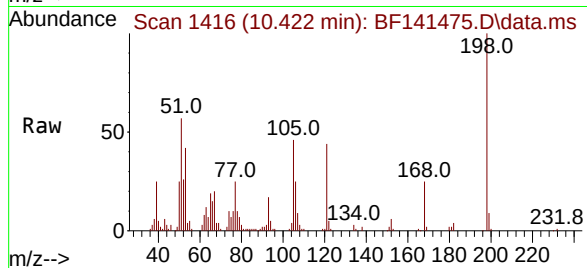




#65
4,6-Dinitro-2-methylphenol
Concen: 20.226 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

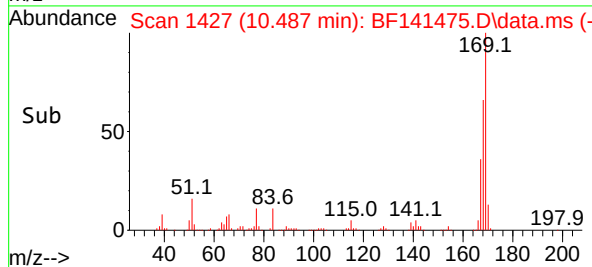
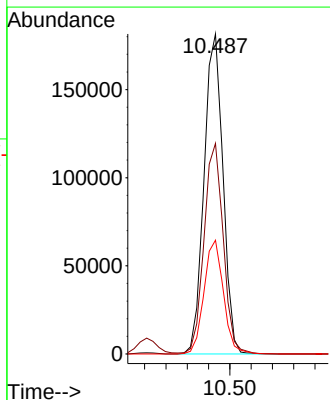
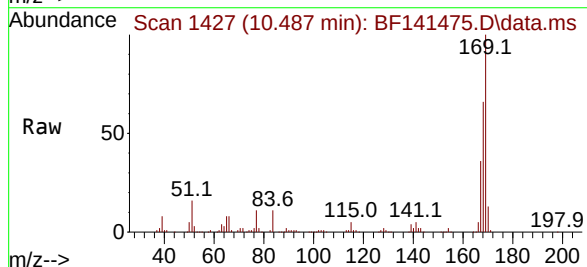
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

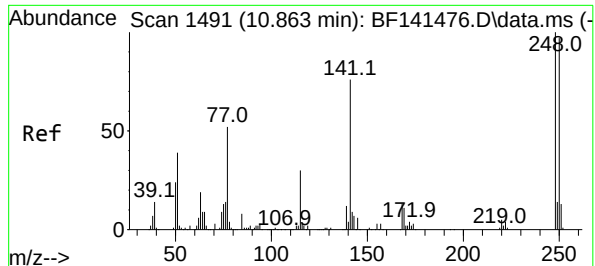
Tgt Ion:198 Resp: 46877
Ion Ratio Lower Upper
198 100
51 56.7 37.4 77.4
105 46.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 21.045 ng
RT: 10.487 min Scan# 1427
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:169 Resp: 224776
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 35.6 29.4 44.2

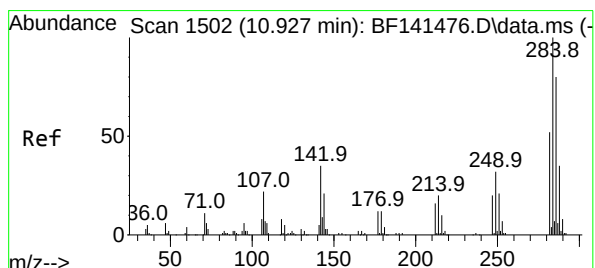
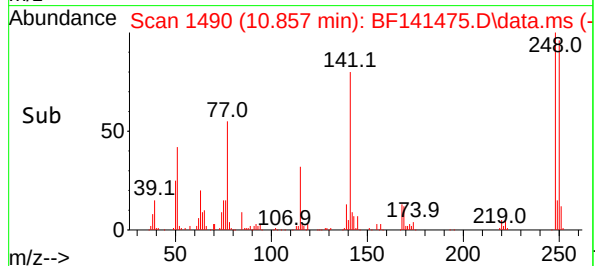
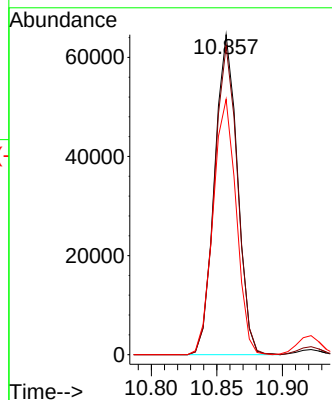
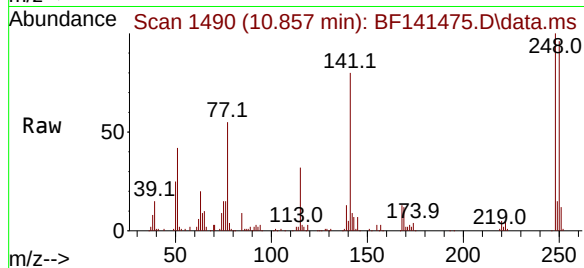




#67
4-Bromophenyl-phenylether
Concen: 20.962 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

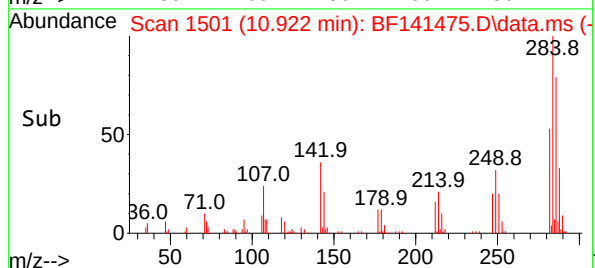
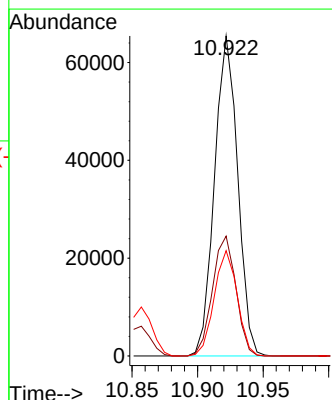
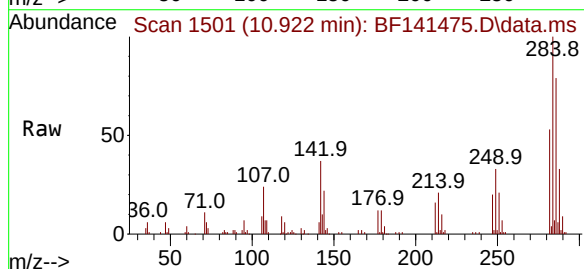
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

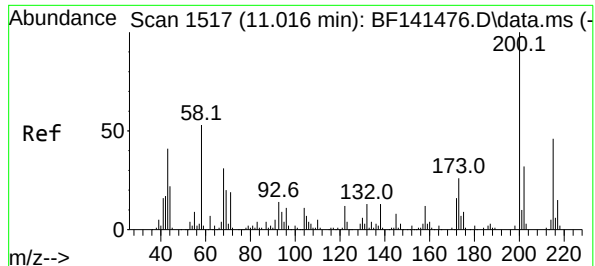
Tgt Ion:248 Resp: 78167
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 79.8 60.6 90.8



#68
Hexachlorobenzene
Concen: 20.913 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:284 Resp: 80301
Ion Ratio Lower Upper
284 100
142 37.5 28.0 42.0
249 32.9 25.8 38.8





#69

Atrazine

Concen: 22.271 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

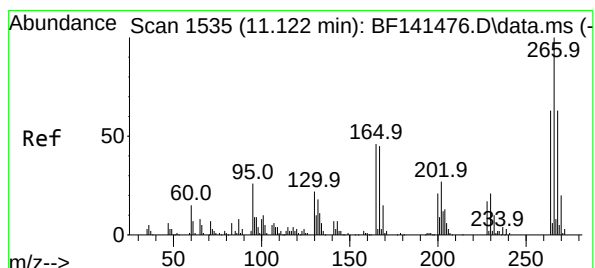
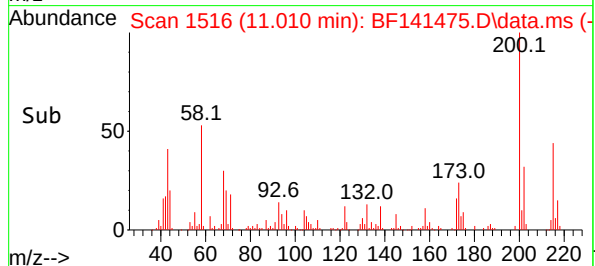
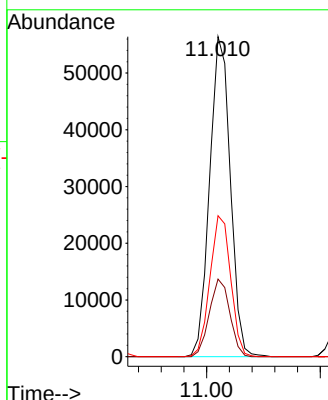
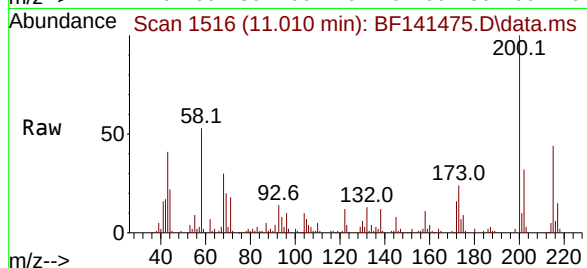
Tgt Ion:200 Resp: 71359

Ion Ratio Lower Upper

200 100

173 24.3 5.9 45.9

215 44.1 25.9 65.9



#70

Pentachlorophenol

Concen: 20.584 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

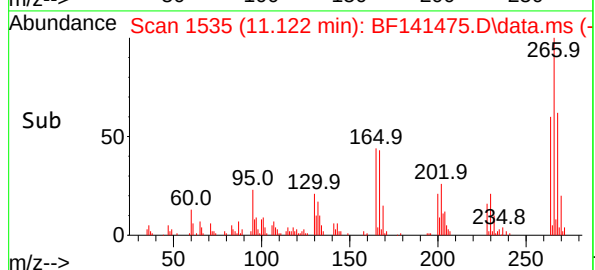
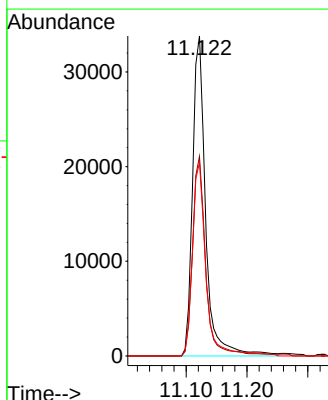
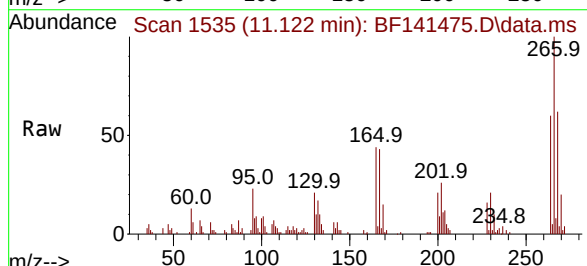
Tgt Ion:266 Resp: 50539

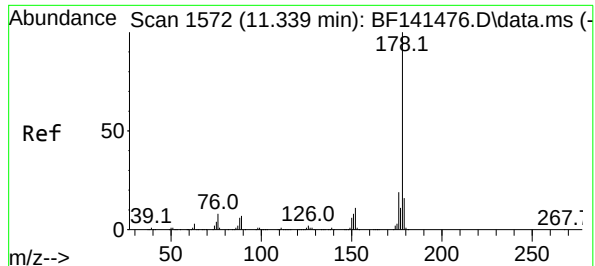
Ion Ratio Lower Upper

266 100

268 62.4 50.1 75.1

264 60.5 50.1 75.1

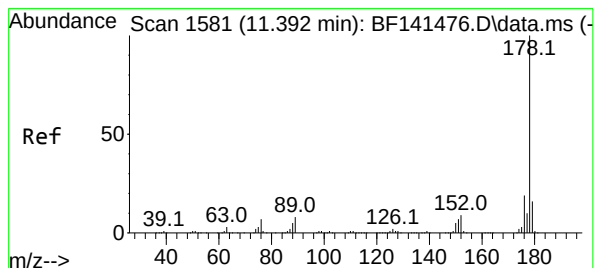
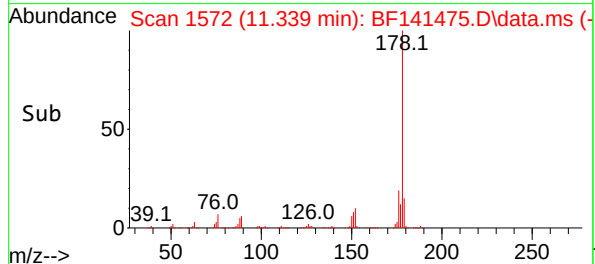
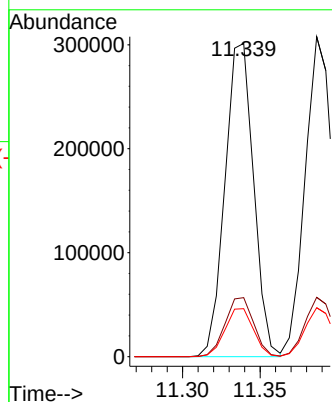
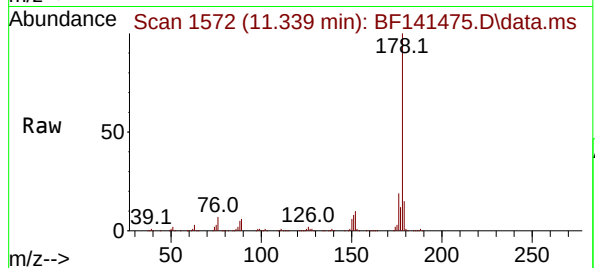




#71
Phenanthrene
Concen: 21.085 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

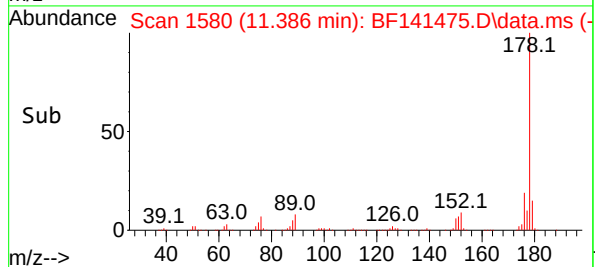
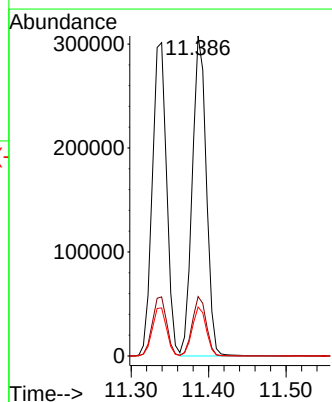
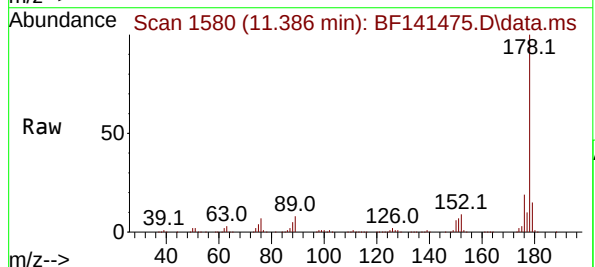
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

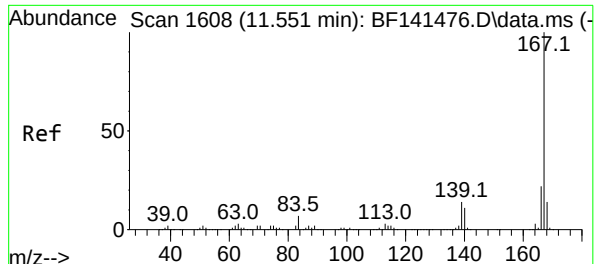
Tgt Ion:178 Resp: 387256
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 20.930 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:178 Resp: 386414
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.4 18.6

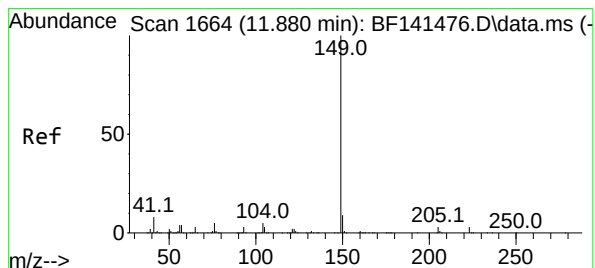
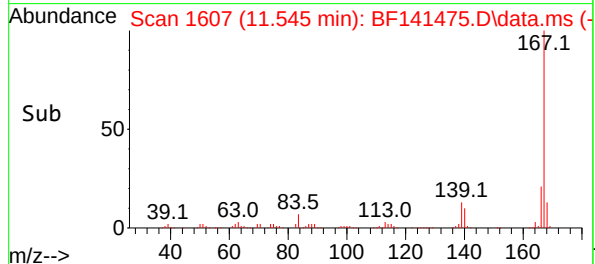
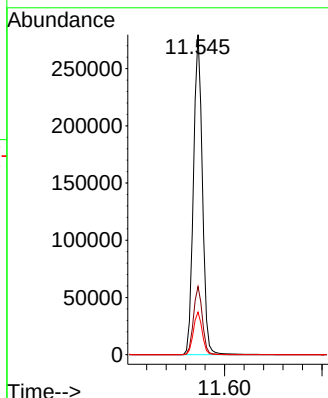
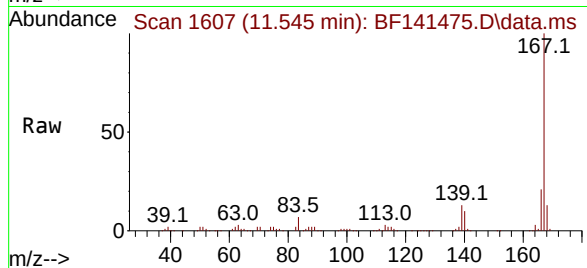




#73
Carbazole
Concen: 21.610 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

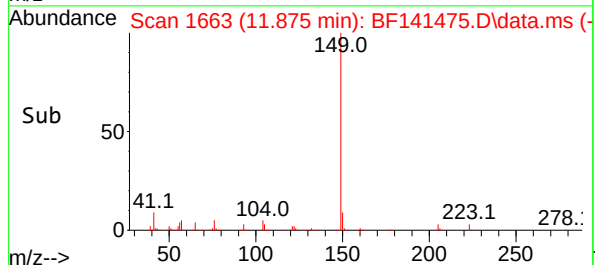
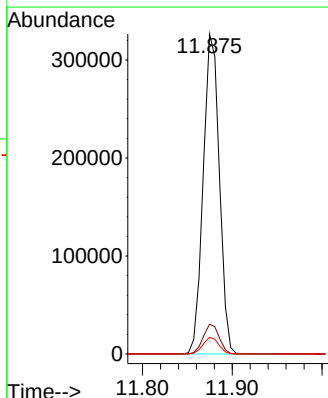
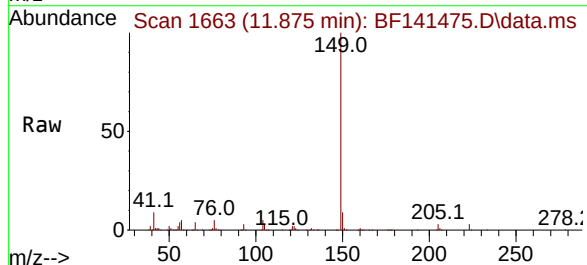
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

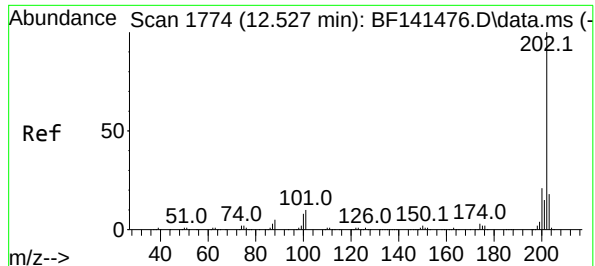
Tgt Ion:167 Resp: 358987
Ion Ratio Lower Upper
167 100
166 21.3 17.4 26.2
139 13.3 10.9 16.3



#74
Di-n-butylphthalate
Concen: 21.273 ng
RT: 11.875 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:149 Resp: 408041
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2

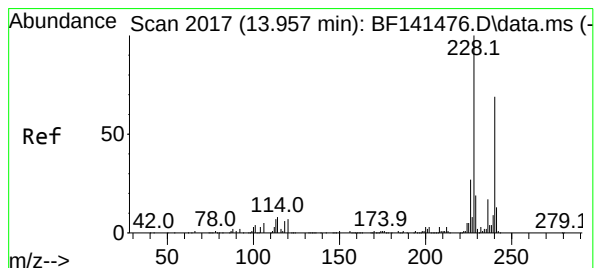
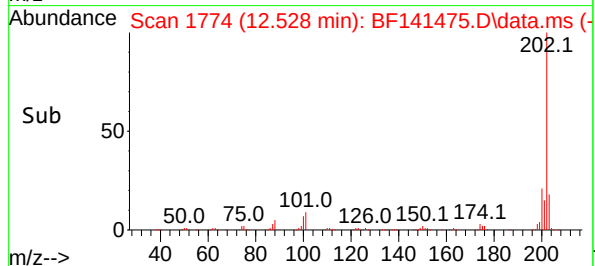
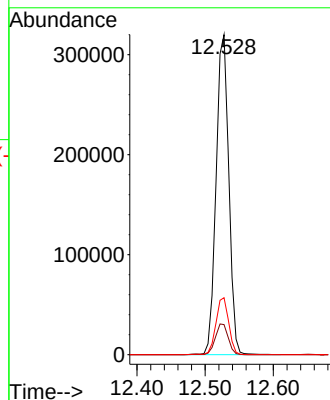
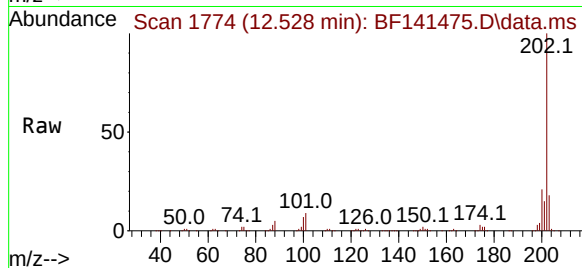




#75
Fluoranthene
Concen: 21.298 ng
RT: 12.528 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

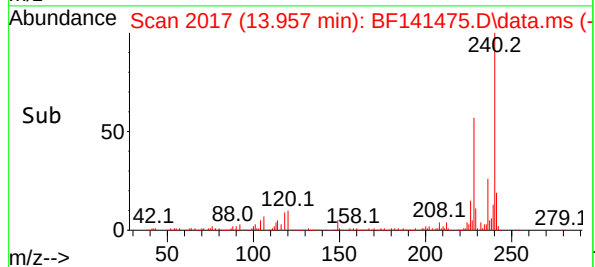
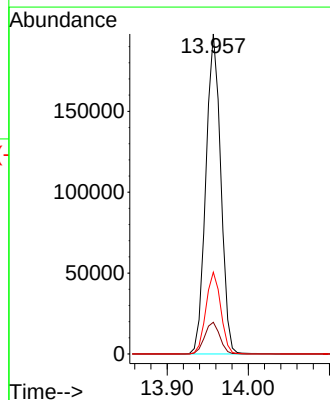
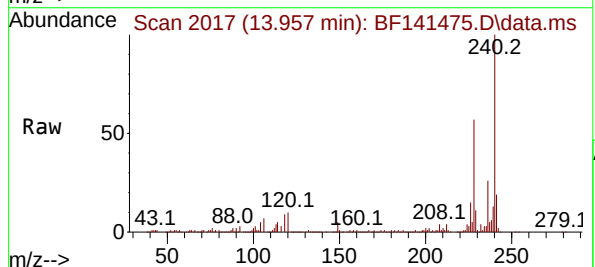
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

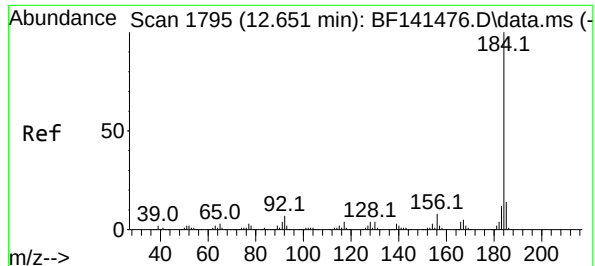
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.2
203	17.8	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.0	12.0
236	25.5	19.8	29.8

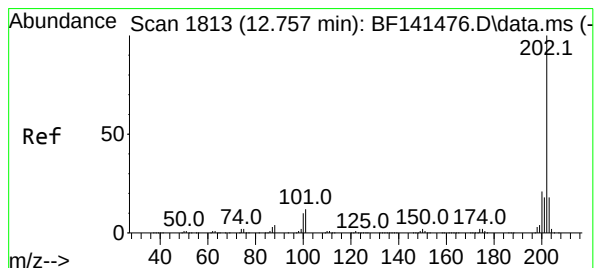
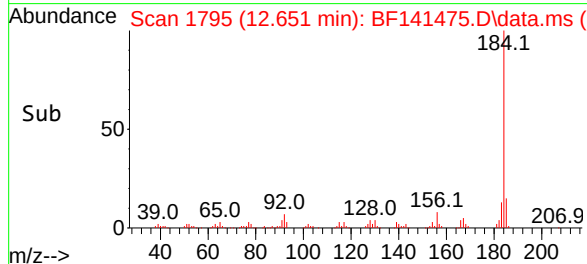
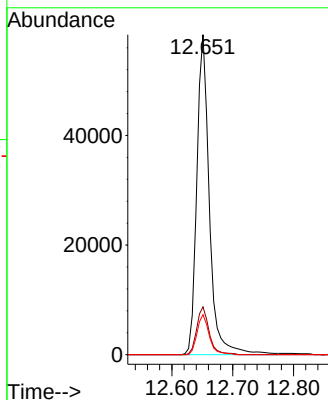
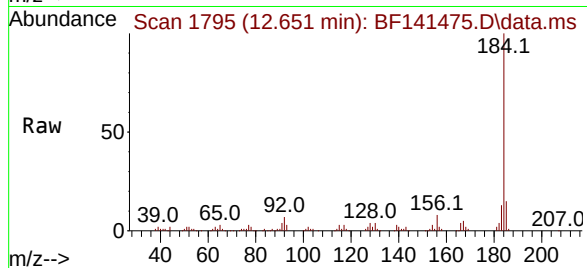




#77
Benzidine
Concen: 15.132 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

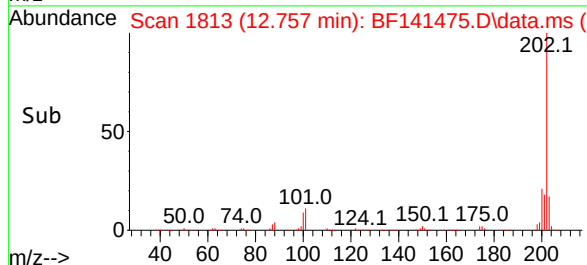
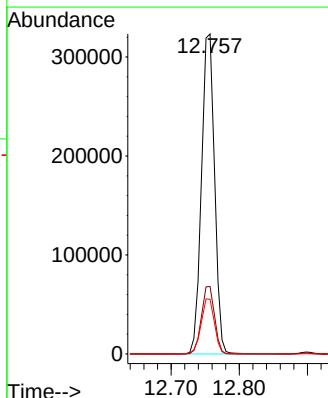
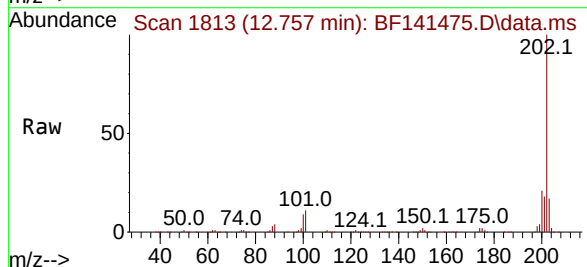
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

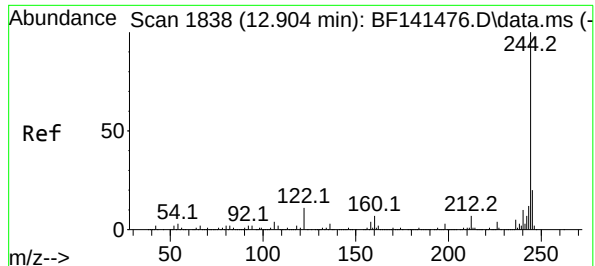
Tgt Ion:184 Resp: 84013
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 12.5 9.3 13.9



#78
Pyrene
Concen: 20.169 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:202 Resp: 432216
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.1 14.3 21.5

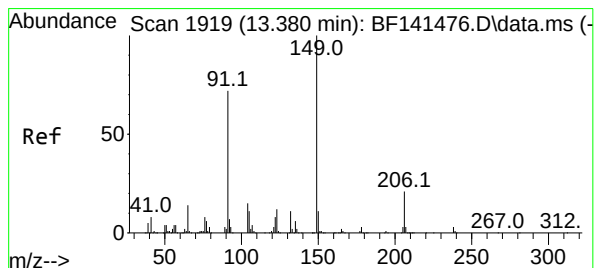
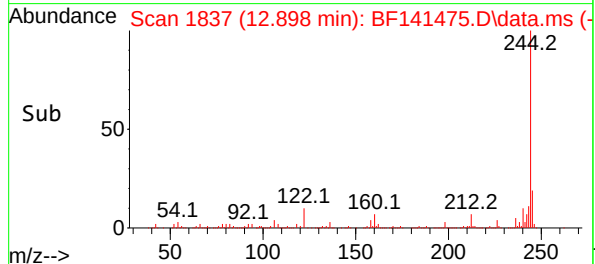
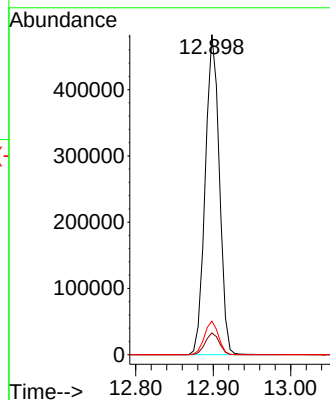
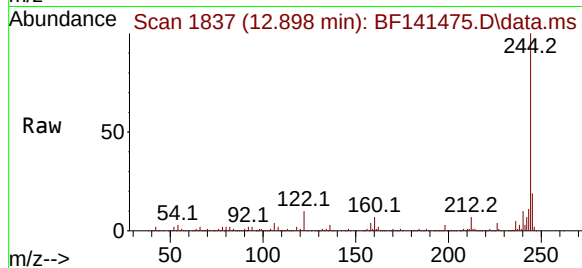




#79
Terphenyl-d14
Concen: 40.894 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

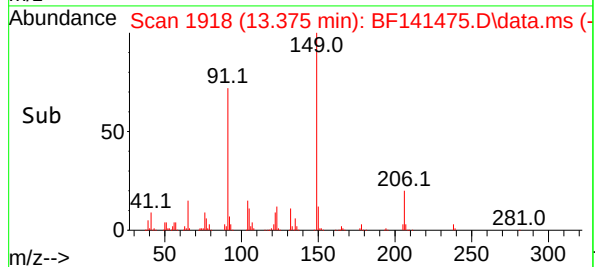
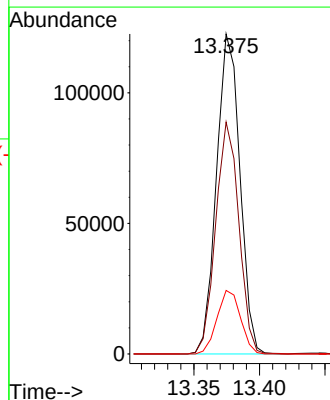
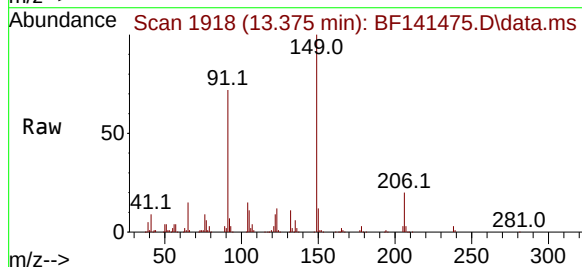
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

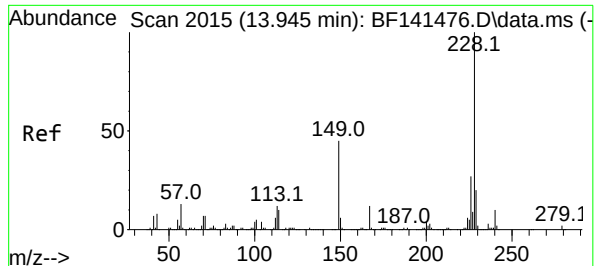
Tgt Ion:244 Resp: 609819
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 8.4 12.6



#80
Butylbenzylphthalate
Concen: 20.502 ng
RT: 13.375 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:149 Resp: 152184
Ion Ratio Lower Upper
149 100
91 72.5 57.8 86.8
206 19.8 16.7 25.1

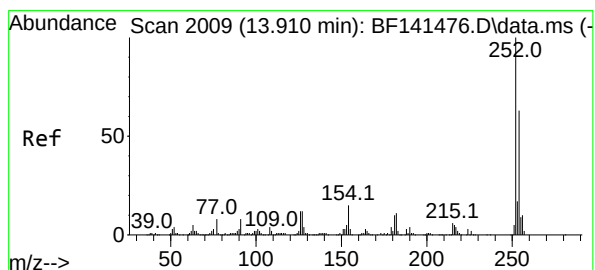
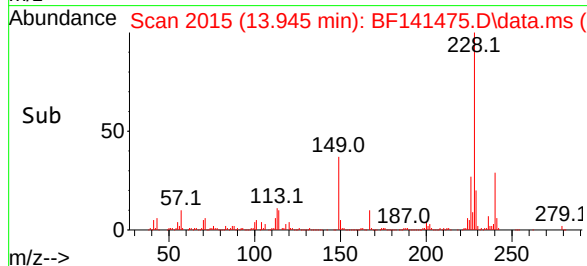
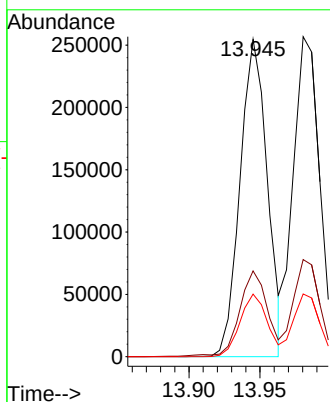
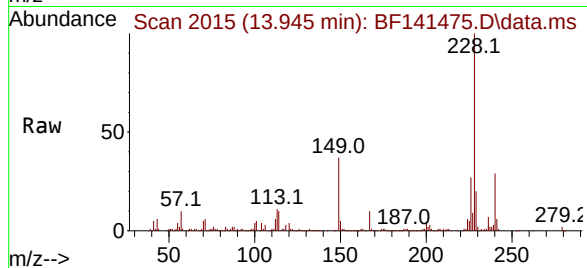




#81
Benzo(a)anthracene
Concen: 20.310 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

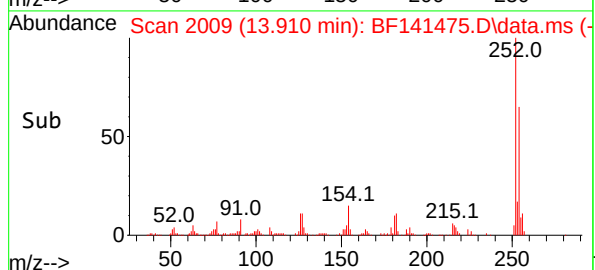
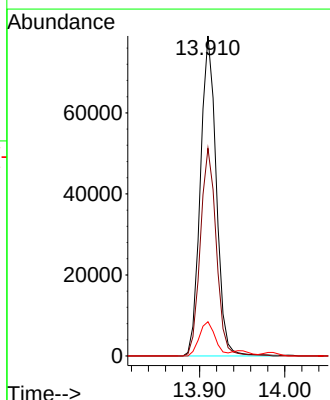
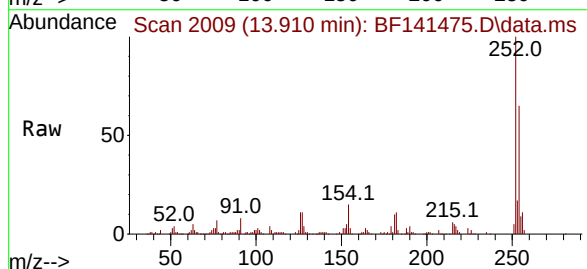
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

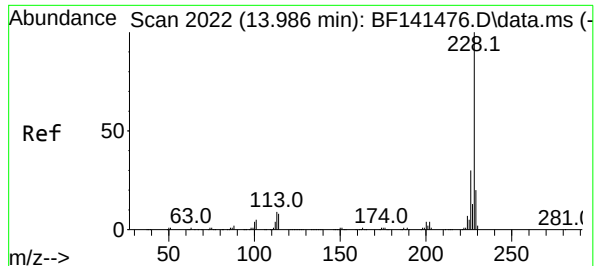
Tgt Ion:228 Resp: 339877
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 21.355 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:252 Resp: 102367
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 10.7 9.3 13.9

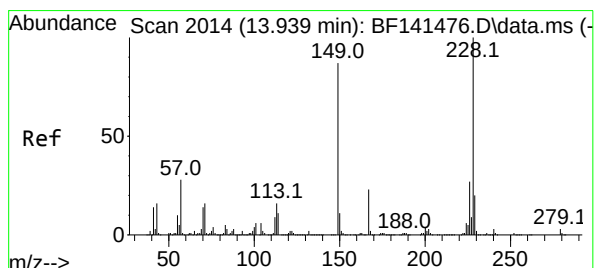
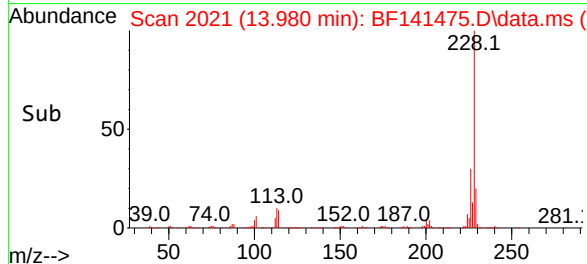
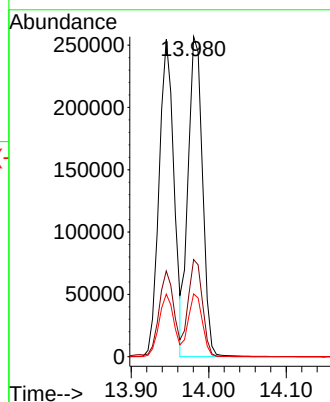
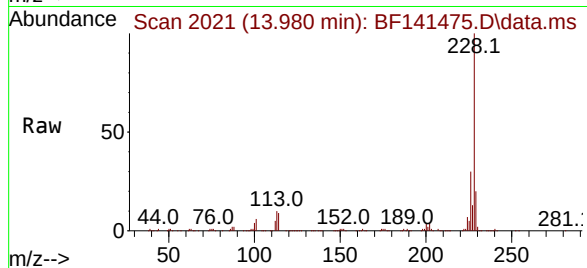




#83
Chrysene
Concen: 21.411 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

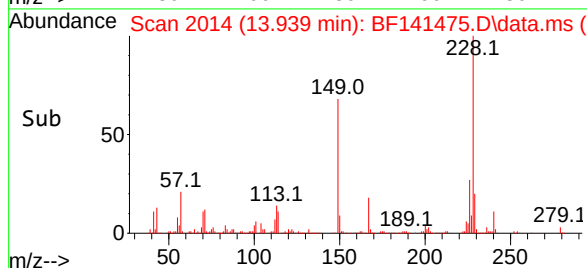
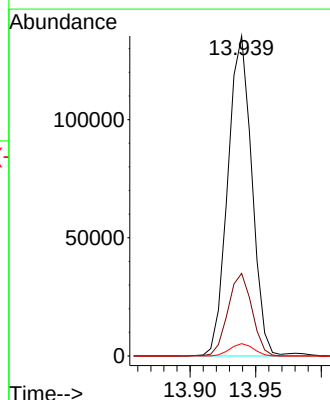
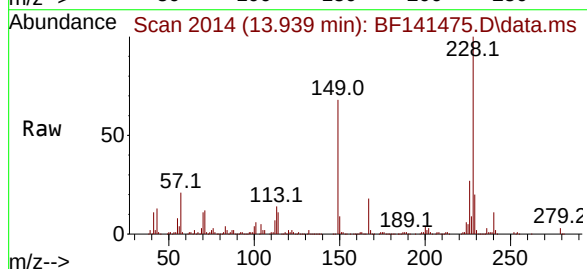
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

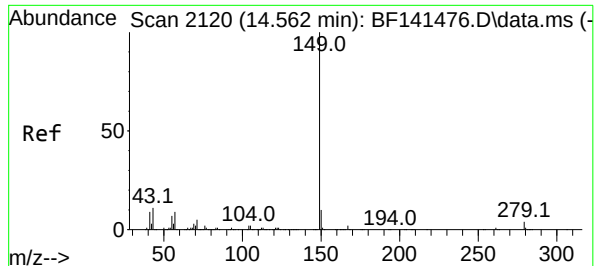
Tgt Ion:228 Resp: 330823
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.588 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:149 Resp: 172352
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.0
279 3.9 3.1 4.7

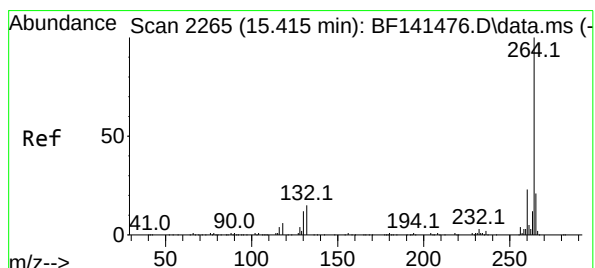
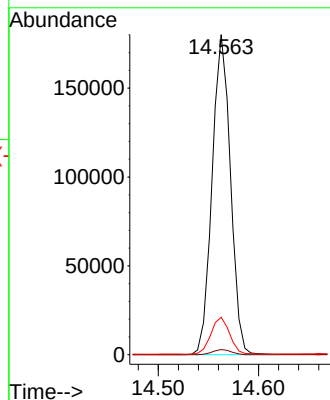
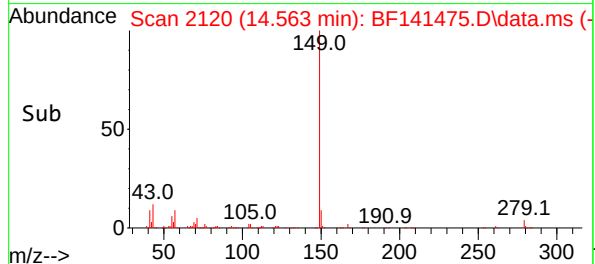
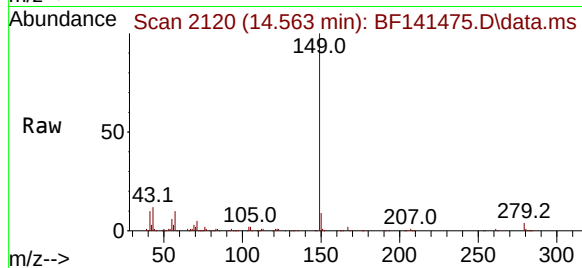




#85
Di-n-octyl phthalate
Concen: 19.180 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

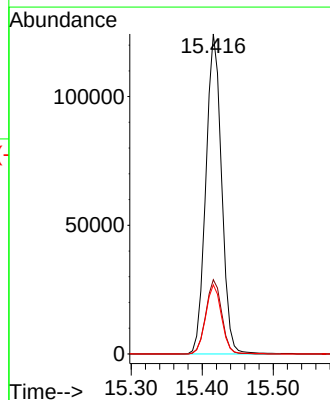
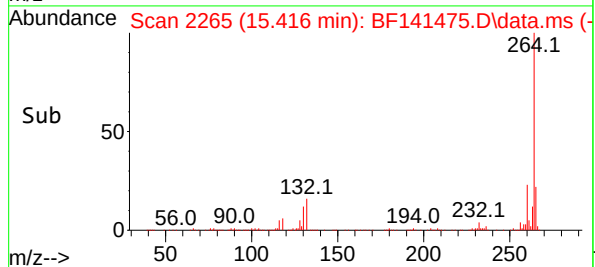
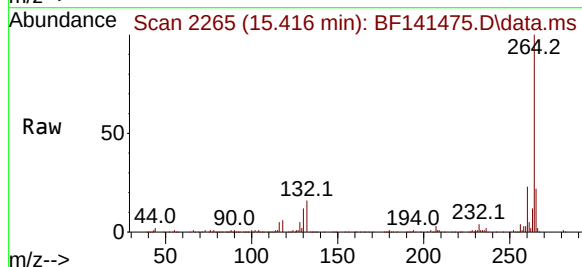
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

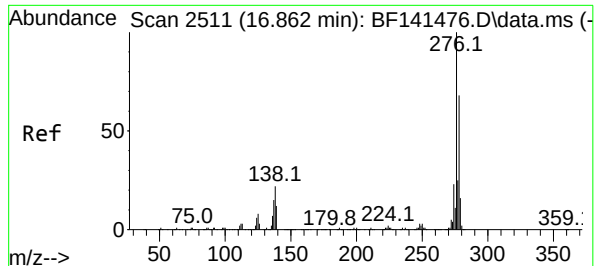
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.6	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.200 ng

RT: 16.857 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

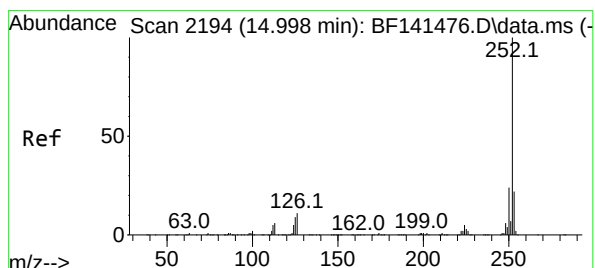
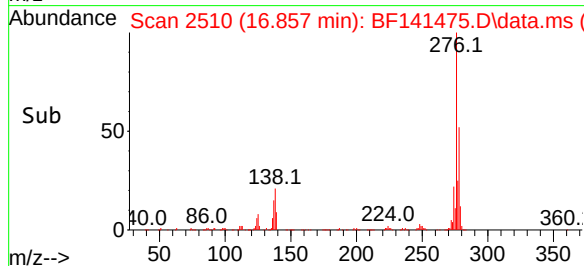
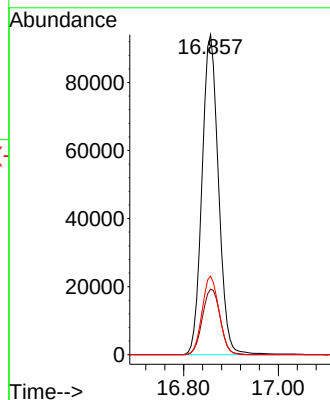
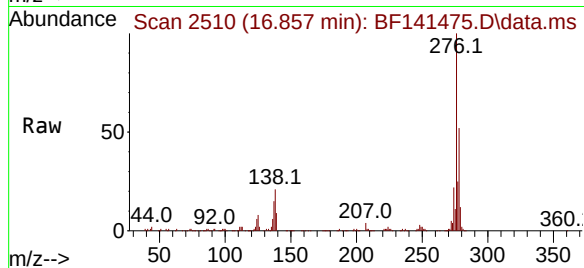
Tgt Ion:276 Resp: 227105

Ion Ratio Lower Upper

276 100

138 22.1 18.0 27.0

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 20.826 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

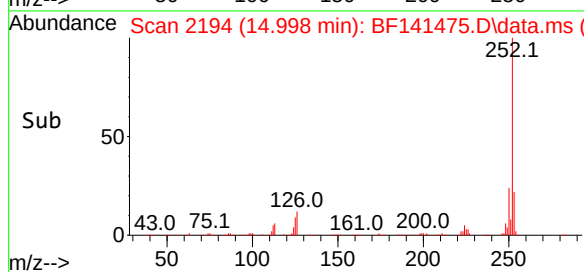
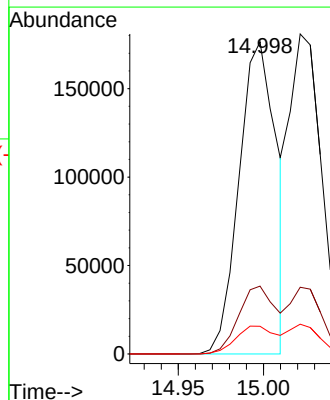
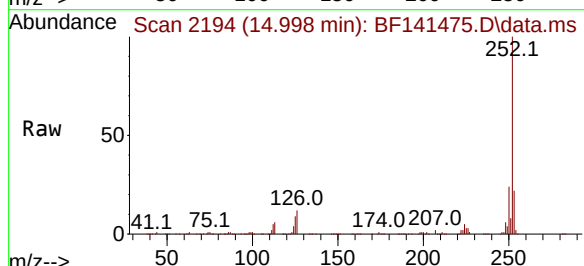
Tgt Ion:252 Resp: 267695

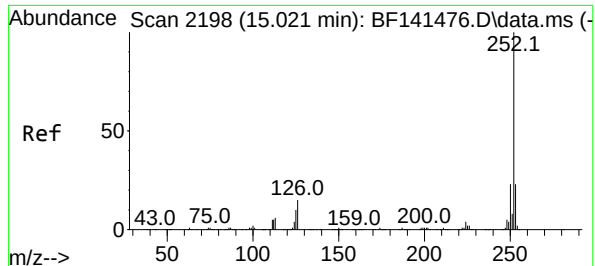
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 21.747 ng

RT: 15.022 min Scan# 2198

Delta R.T. -0.011 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

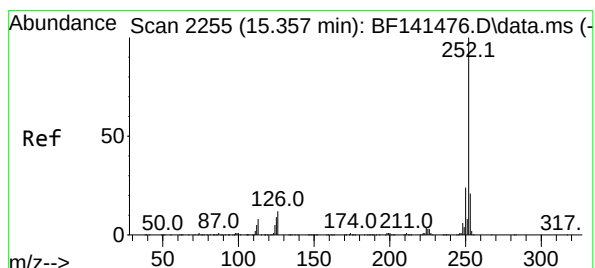
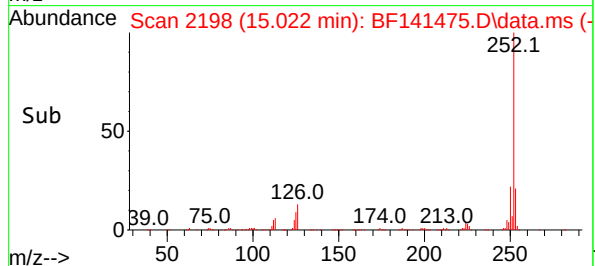
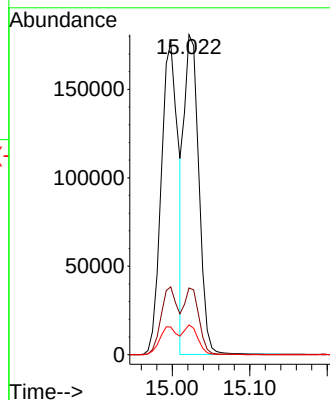
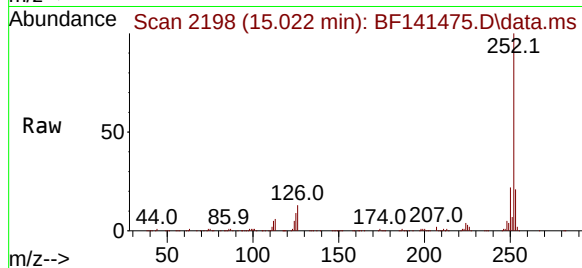
Tgt Ion:252 Resp: 238695

Ion Ratio Lower Upper

252 100

253 20.9 18.0 27.0

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 20.528 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141475.D

Acq: 06 Feb 2025 12:26

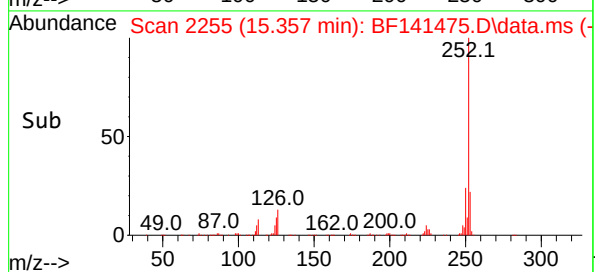
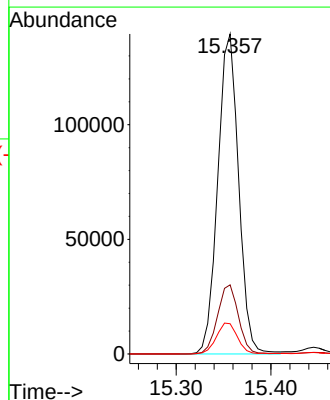
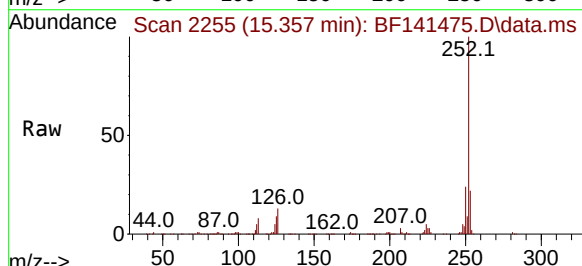
Tgt Ion:252 Resp: 213510

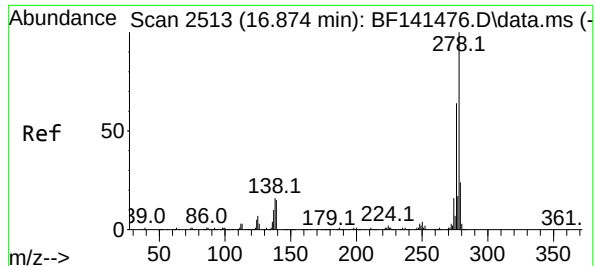
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.5 7.4 11.2

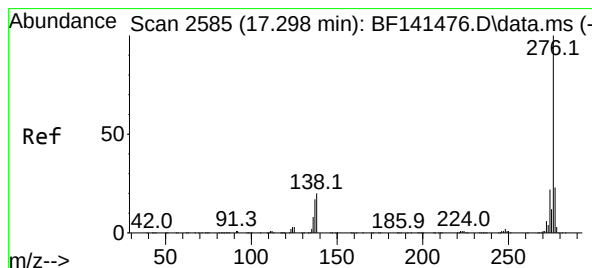
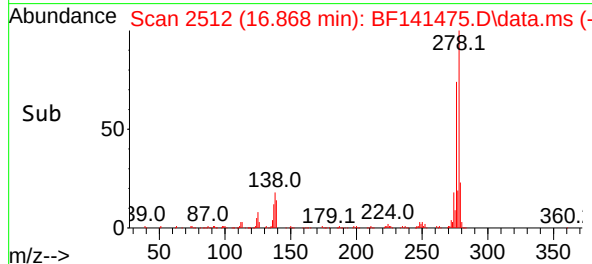
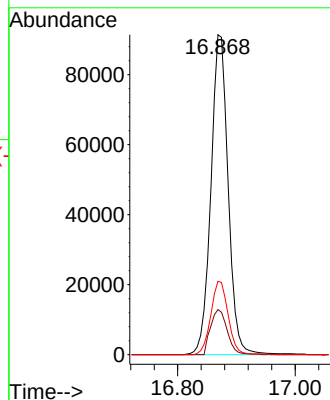
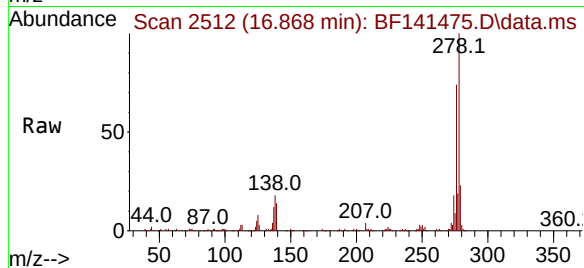




#91
Dibenzo(a,h)anthracene
Concen: 19.379 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

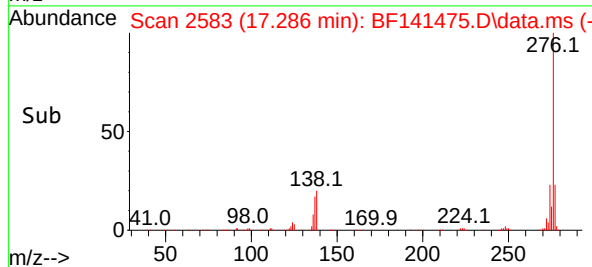
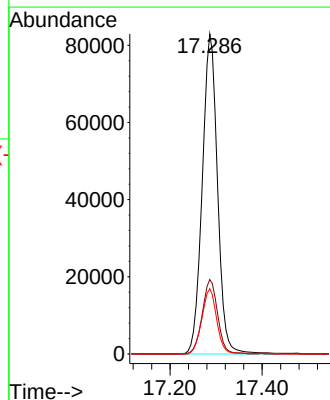
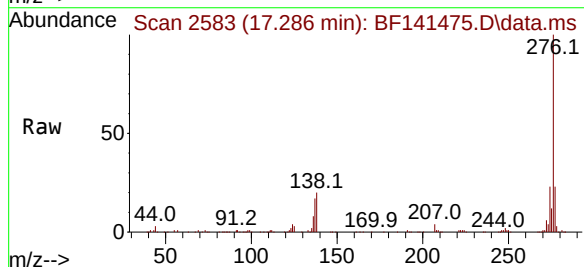
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 185740
Ion Ratio Lower Upper
278 100
139 14.1 11.8 17.6
279 23.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 19.103 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141475.D
Acq: 06 Feb 2025 12:26

Tgt Ion:276 Resp: 191595
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 20.4 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141476.D
 Acq On : 06 Feb 2025 12:55
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 06 16:00:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89095	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	351555	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	193385	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	336425	20.000	ng	0.00
76) Chrysene-d12	13.957	240	225462	20.000	ng	0.00
86) Perylene-d12	15.415	264	182907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	459422	80.841	ng	0.00
7) Phenol-d6	6.428	99	574808	80.025	ng	-0.01
23) Nitrobenzene-d5	7.357	82	540793	80.234	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	154725	79.647	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	981440	78.189	ng	0.00
79) Terphenyl-d14	12.904	244	1080174	80.879	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	92090	40.262	ng	100
3) Pyridine	3.210	79	225032	41.344	ng	100
4) n-Nitrosodimethylamine	3.163	42	145802	40.456	ng	100
6) Aniline	6.451	93	274102	40.681	ng	100
8) 2-Chlorophenol	6.581	128	245676	40.008	ng	100
9) Benzaldehyde	6.339	77	146382	38.350	ng	100
10) Phenol	6.445	94	300315	40.171	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	225665	40.188	ng	100
12) 1,3-Dichlorobenzene	6.728	146	256806	39.613	ng	100
13) 1,4-Dichlorobenzene	6.804	146	262121	39.574	ng	100
14) 1,2-Dichlorobenzene	6.963	146	244757	39.814	ng	100
15) Benzyl Alcohol	6.934	79	224961	40.841	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385739	40.130	ng	100
17) 2-Methylphenol	7.051	107	191970	39.951	ng	100
18) Hexachloroethane	7.298	117	98581	40.215	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	172712	40.198	ng	100
20) 3+4-Methylphenols	7.204	107	244439	40.024	ng	100
22) Acetophenone	7.198	105	346731	39.649	ng	100
24) Nitrobenzene	7.375	77	263188	40.044	ng	100
25) Isophorone	7.610	82	429323	39.948	ng	100
26) 2-Nitrophenol	7.686	139	135355	41.394	ng	100
27) 2,4-Dimethylphenol	7.728	122	156665	41.012	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	276730	40.185	ng	100
29) 2,4-Dichlorophenol	7.939	162	208390	40.375	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	222679	39.619	ng	100
31) Naphthalene	8.092	128	729358	39.856	ng	100
32) Benzoic acid	7.857	122	161196	40.625	ng	100
33) 4-Chloroaniline	8.151	127	255749	40.029	ng	100
34) Hexachlorobutadiene	8.210	225	135140	40.051	ng	100
35) Caprolactam	8.516	113	65155	41.461	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	231344	40.464	ng	100
37) 2-Methylnaphthalene	8.786	142	470332	39.496	ng	100
38) 1-Methylnaphthalene	8.886	142	461189	39.987	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	225938	40.383	ng	100
41) Hexachlorocyclopentadiene	8.939	237	78762	42.325	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	145682	40.288	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141476.D
 Acq On : 06 Feb 2025 12:55
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 06 16:00:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

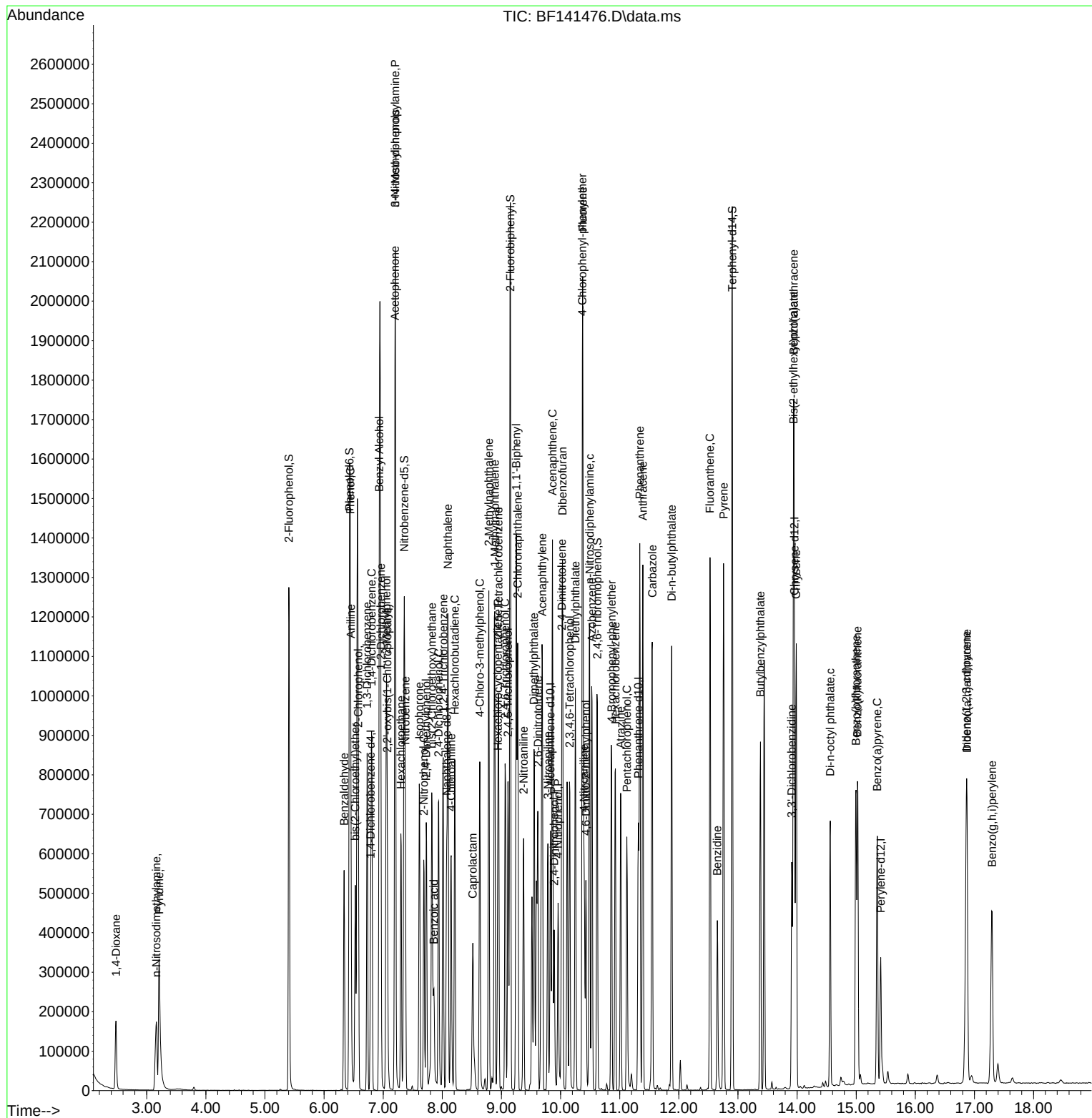
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	158685	40.492	ng	100
46) 1,1'-Biphenyl	9.251	154	597404	39.846	ng	100
47) 2-Chloronaphthalene	9.275	162	438926	39.590	ng	100
48) 2-Nitroaniline	9.375	65	150922	40.563	ng	100
49) Acenaphthylene	9.692	152	656124	39.789	ng	100
50) Dimethylphthalate	9.551	163	520384	39.638	ng	100
51) 2,6-Dinitrotoluene	9.616	165	116338	40.536	ng	100
52) Acenaphthene	9.863	154	445515	40.186	ng	100
53) 3-Nitroaniline	9.786	138	123530	39.991	ng	100
54) 2,4-Dinitrophenol	9.892	184	68489	40.153	ng	100
55) Dibenzofuran	10.033	168	647242	39.775	ng	100
56) 4-Nitrophenol	9.957	139	96456	42.065	ng	100
57) 2,4-Dinitrotoluene	10.022	165	153824	40.262	ng	100
58) Fluorene	10.375	166	498929	39.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	134581	39.888	ng	100
60) Diethylphthalate	10.251	149	514358	39.821	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	240707	39.767	ng	100
62) 4-Nitroaniline	10.398	138	129392	41.253	ng	100
63) Azobenzene	10.527	77	512692	39.926	ng	100
65) 4,6-Dinitro-2-methylph...	10.427	198	95521	40.874	ng	100
66) n-Nitrosodiphenylamine	10.492	169	421937	39.180	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	148603	39.522	ng	100
68) Hexachlorobenzene	10.927	284	152664	39.430	ng	100
69) Atrazine	11.016	200	124494	38.533	ng	100
70) Pentachlorophenol	11.122	266	103806	41.930	ng	100
71) Phenanthrene	11.339	178	729585	39.397	ng	100
72) Anthracene	11.392	178	728337	39.125	ng	100
73) Carbazole	11.551	167	663523	39.613	ng	100
74) Di-n-butylphthalate	11.880	149	767961	39.706	ng	100
75) Fluoranthene	12.527	202	774369	39.441	ng	100
77) Benzidine	12.651	184	238261	47.917	ng	100
78) Pyrene	12.757	202	786956	41.002	ng	100
80) Butylbenzylphthalate	13.380	149	274711	41.323	ng	100
81) Benzo(a)anthracene	13.945	228	606669	40.479	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	170181	39.640	ng	100
83) Chrysene	13.986	228	541376	39.121	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	310696	41.438	ng	100
85) Di-n-octyl phthalate	14.562	149	435142	40.682	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	471272	41.699	ng	100
88) Benzo(b)fluoranthene	14.998	252	488585	39.783	ng	100
89) Benzo(k)fluoranthene	15.021	252	417770	39.836	ng	100
90) Benzo(a)pyrene	15.357	252	395193	39.767	ng	100
91) Dibenzo(a,h)anthracene	16.874	278	384623	42.001	ng	100
92) Benzo(g,h,i)perylene	17.298	276	402413	41.992	ng	100

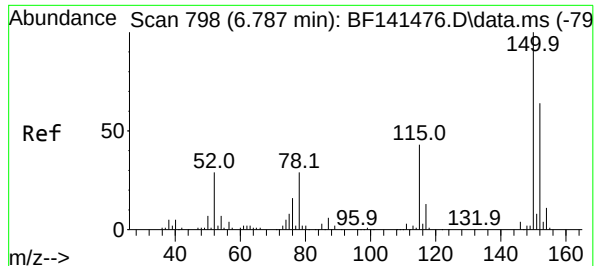
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF141476.D  
Acq On    : 06 Feb 2025  12:55  
Operator  : RC/JU  
Sample    : SSTD1CCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Feb 06 16:00:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration

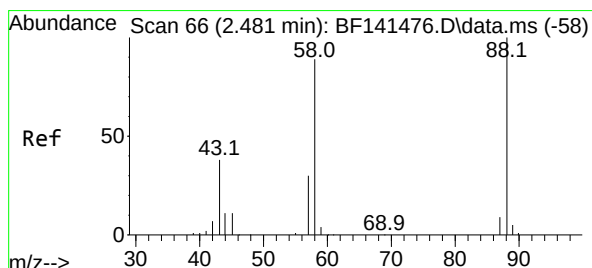
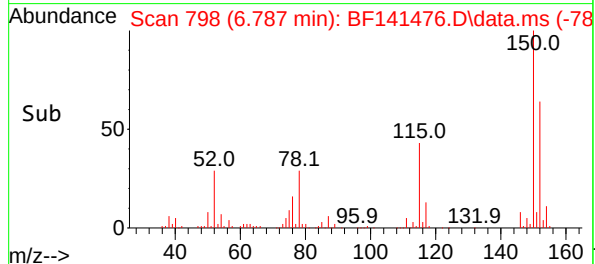
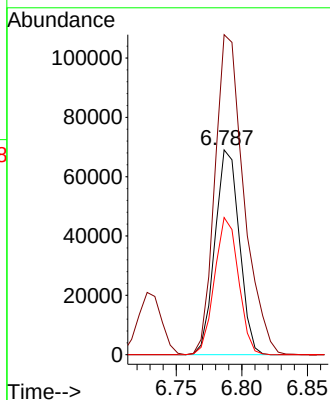
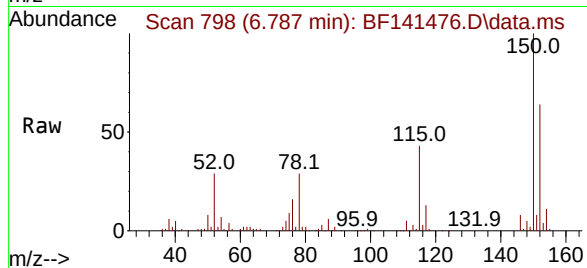




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

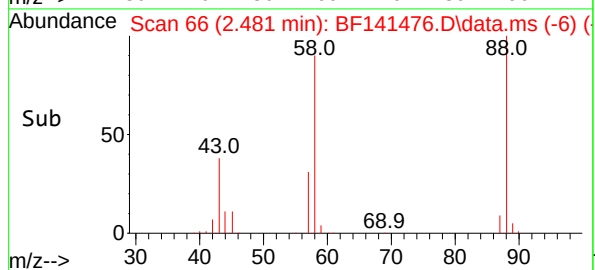
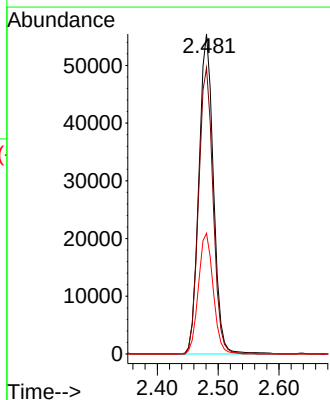
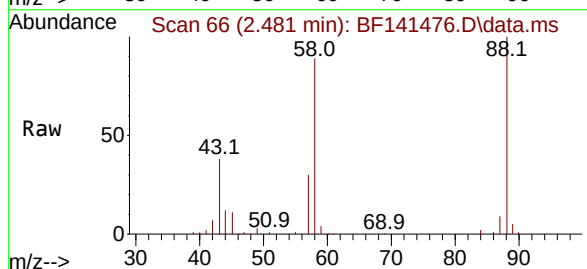
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

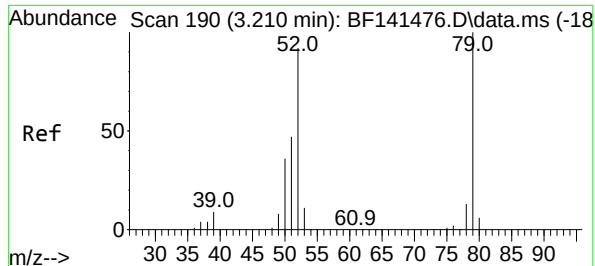
Tgt Ion:152 Resp: 89095
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 67.0 53.6 80.4



#2
1,4-Dioxane
Concen: 40.262 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 88 Resp: 92090
Ion Ratio Lower Upper
88 100
58 88.9 71.1 106.7
43 38.3 30.6 46.0





#3

Pyridine

Concen: 41.344 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

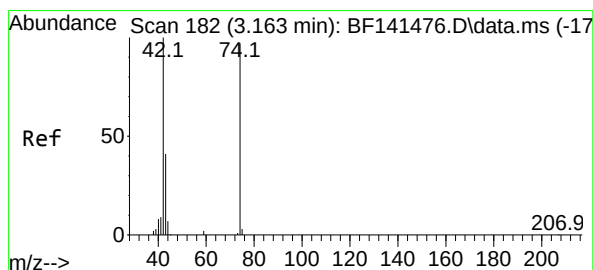
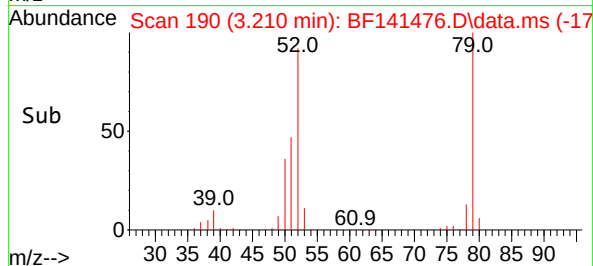
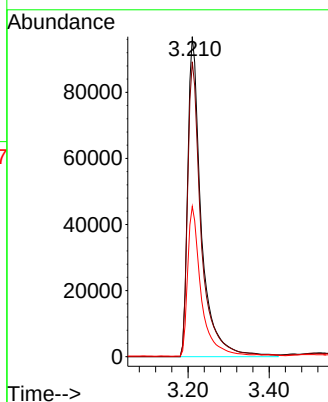
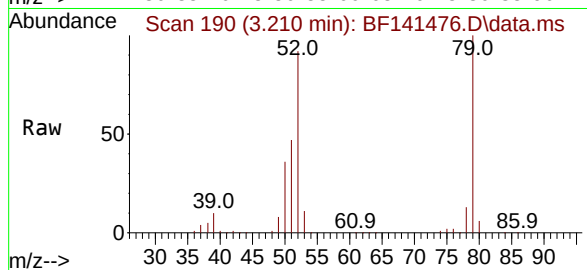
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 225032

Ion	Ratio	Lower	Upper
79	100		
52	92.1	73.7	110.5
51	46.9	37.5	56.3



#4

n-Nitrosodimethylamine

Concen: 40.456 ng

RT: 3.163 min Scan# 182

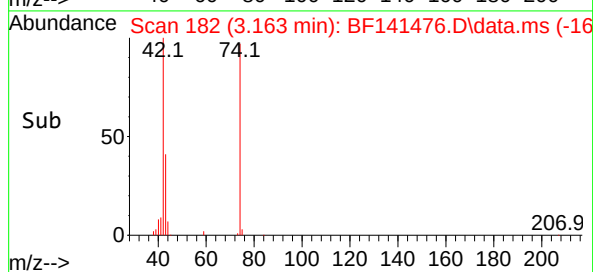
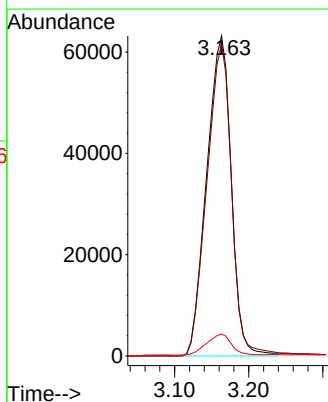
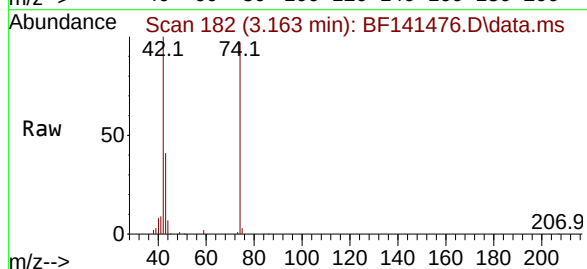
Delta R.T. -0.023 min

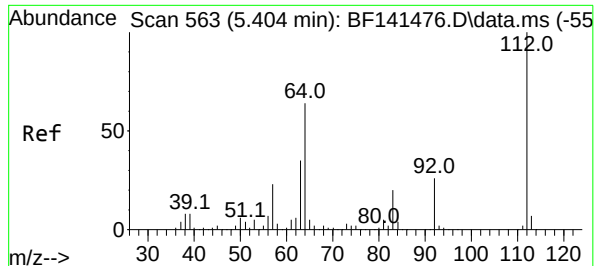
Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion: 42 Resp: 145802

Ion	Ratio	Lower	Upper
42	100		
74	97.5	78.0	117.0
44	6.8	5.4	8.2

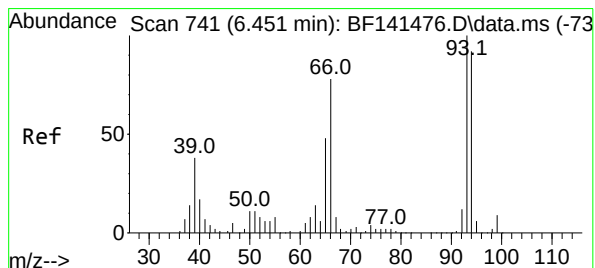
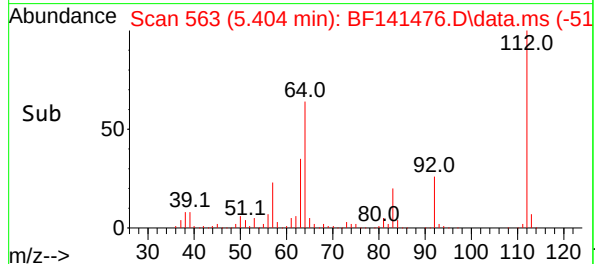
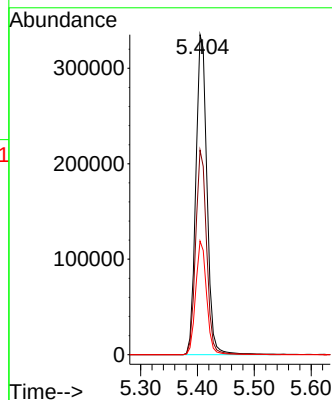
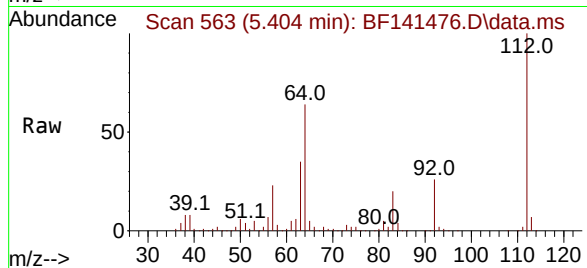




#5
2-Fluorophenol
Concen: 80.841 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

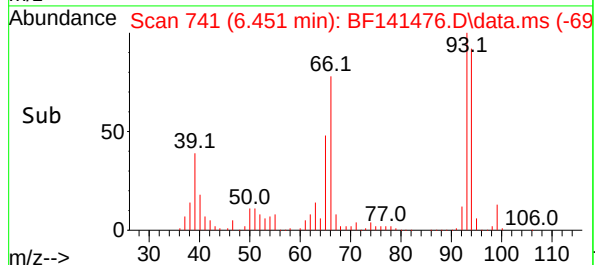
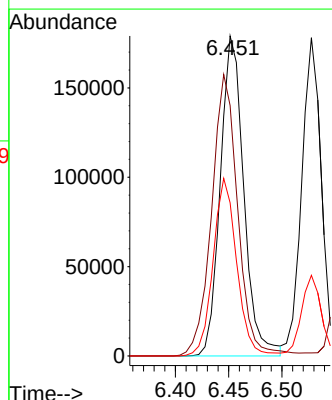
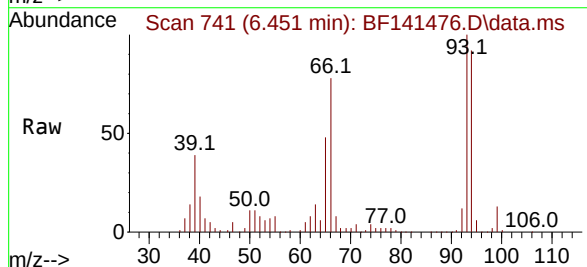
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

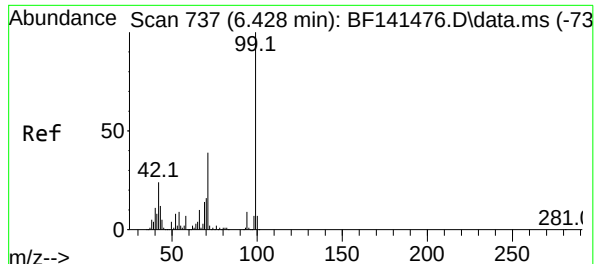
Tgt Ion:112 Resp: 459422
Ion Ratio Lower Upper
112 100
64 63.9 51.1 76.7
63 35.5 28.4 42.6



#6
Aniline
Concen: 40.681 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 93 Resp: 274102
Ion Ratio Lower Upper
93 100
66 78.3 62.6 94.0
65 47.9 38.3 57.5





#7

Phenol-d6

Concen: 80.025 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

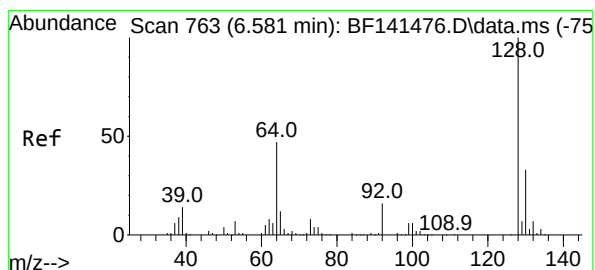
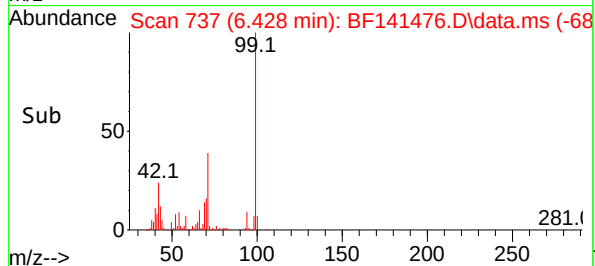
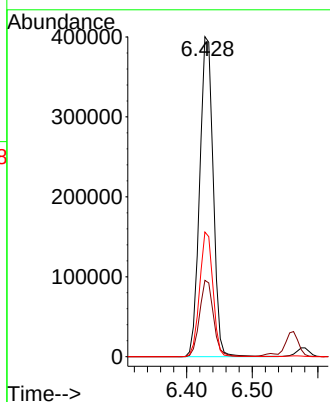
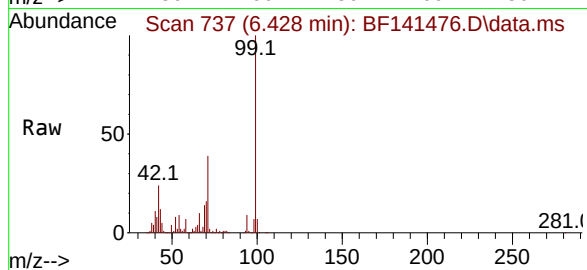
Tgt Ion: 99 Resp: 574808

Ion Ratio Lower Upper

99 100

42 23.9 19.1 28.7

71 38.9 31.1 46.7



#8

2-Chlorophenol

Concen: 40.008 ng

RT: 6.581 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

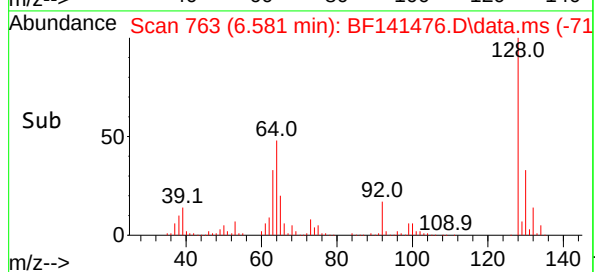
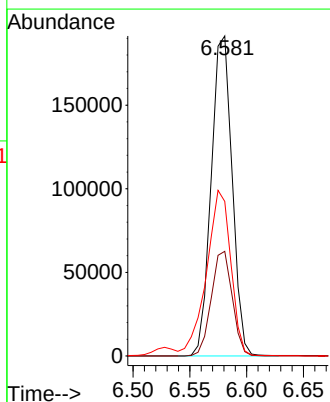
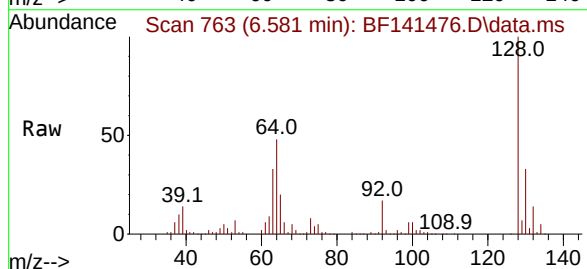
Tgt Ion: 128 Resp: 245676

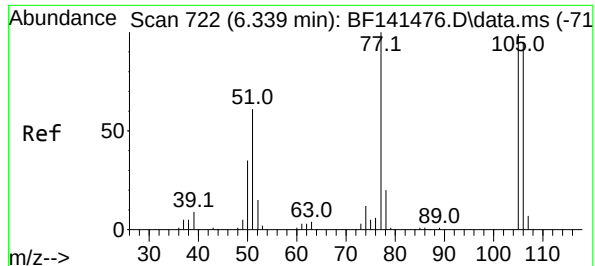
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 48.3 28.3 68.3





#9

Benzaldehyde

Concen: 38.350 ng

RT: 6.339 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

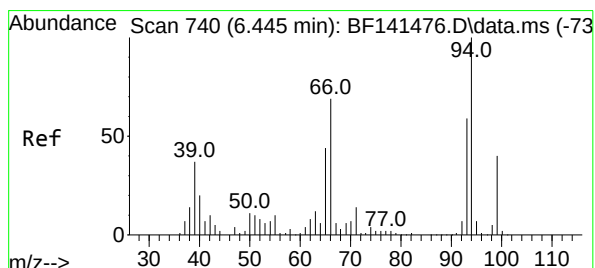
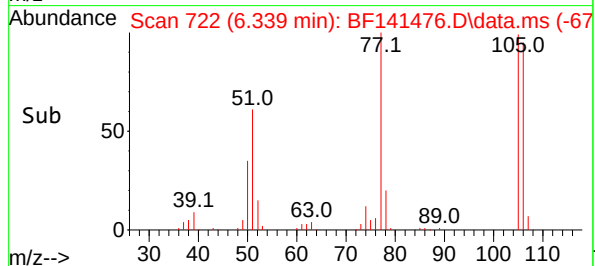
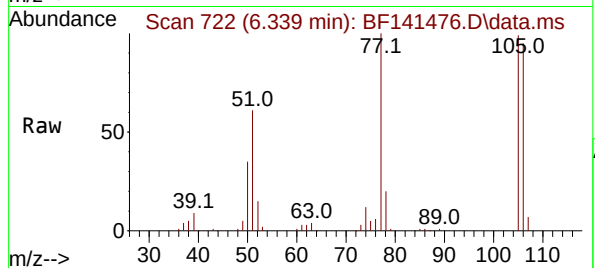
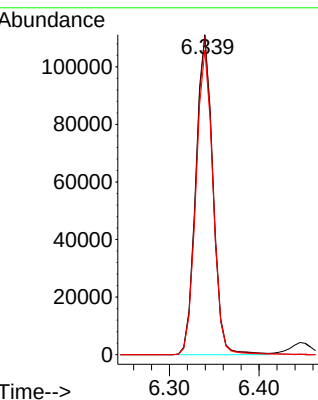
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 146382

Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.4	119.4
106	95.1	75.1	115.1



#10

Phenol

Concen: 40.171 ng

RT: 6.445 min Scan# 740

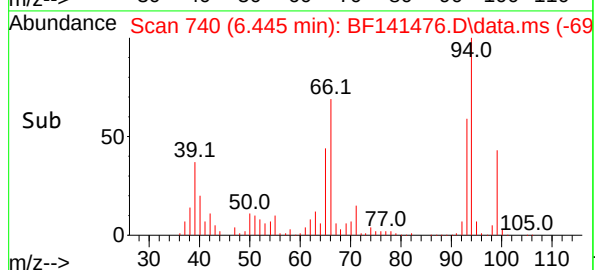
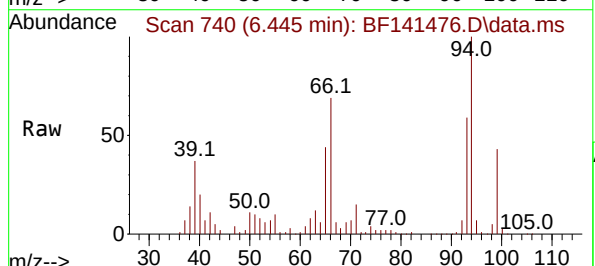
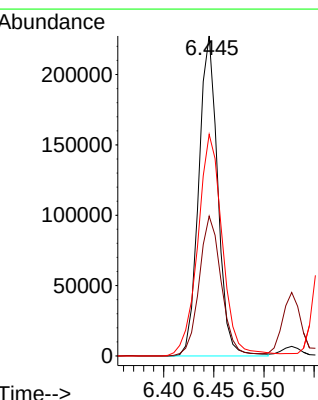
Delta R.T. -0.012 min

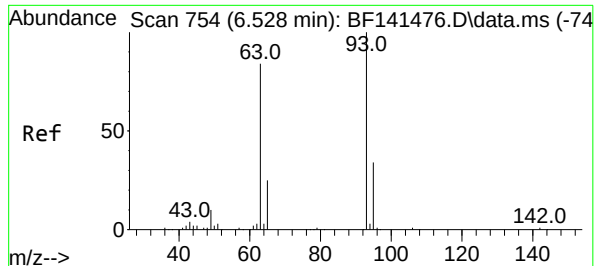
Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion: 94 Resp: 300315

Ion	Ratio	Lower	Upper
94	100		
65	43.7	23.7	63.7
66	69.3	49.3	89.3





#11

bis(2-Chloroethyl)ether

Concen: 40.188 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

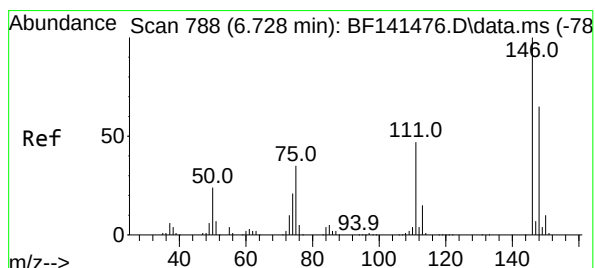
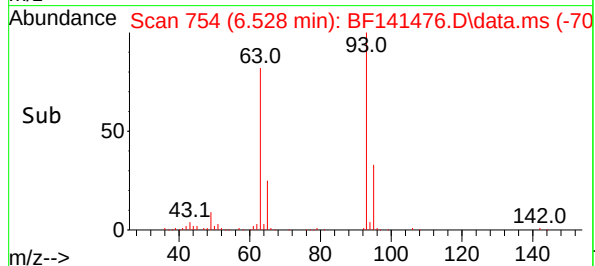
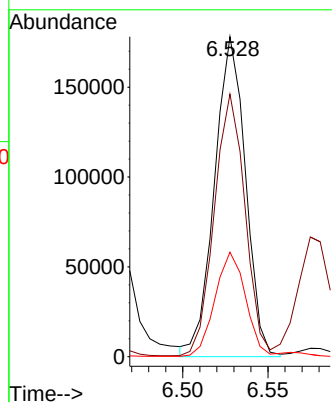
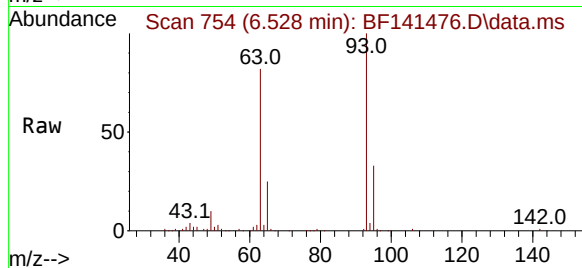
Tgt Ion: 93 Resp: 225665

Ion Ratio Lower Upper

93 100

63 82.0 62.0 102.0

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.613 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

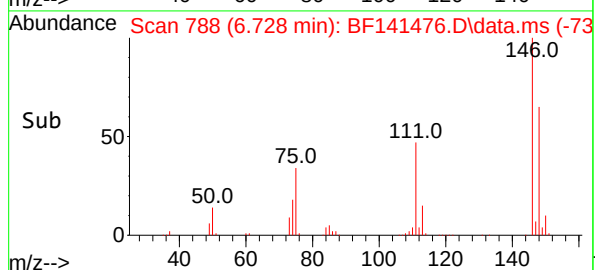
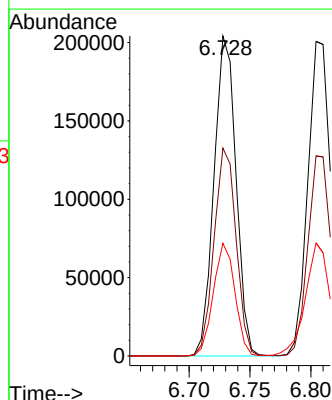
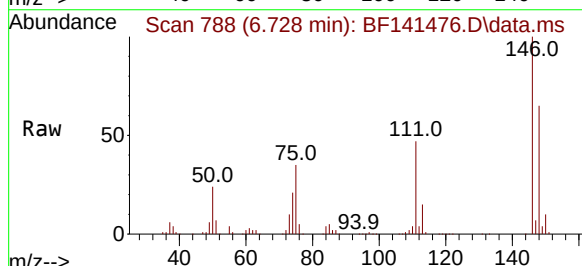
Tgt Ion:146 Resp: 256806

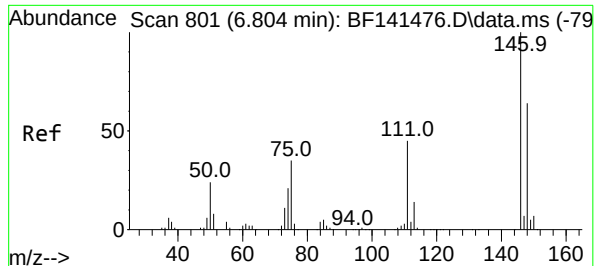
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

75 35.2 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.574 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

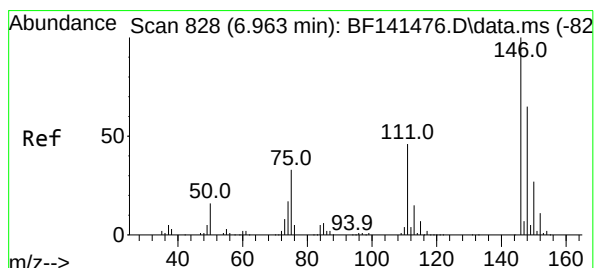
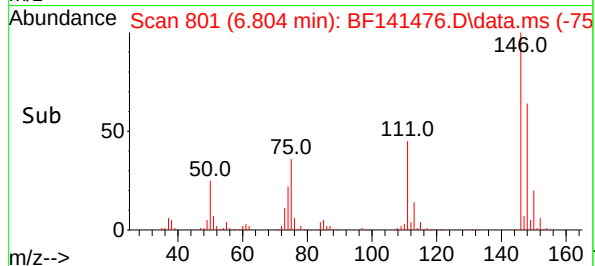
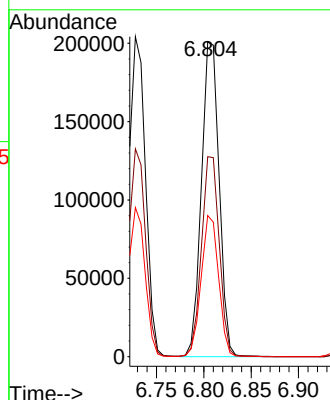
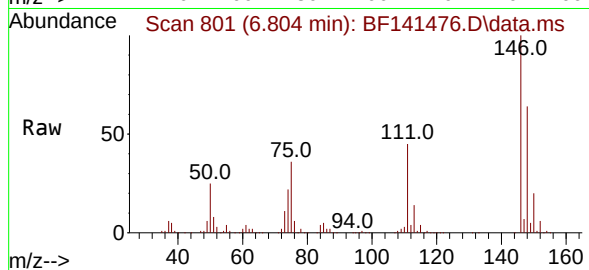
Tgt Ion:146 Resp: 262121

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

111 44.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.814 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

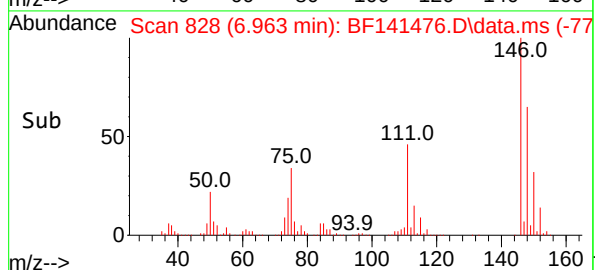
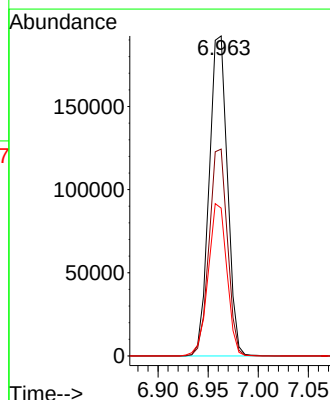
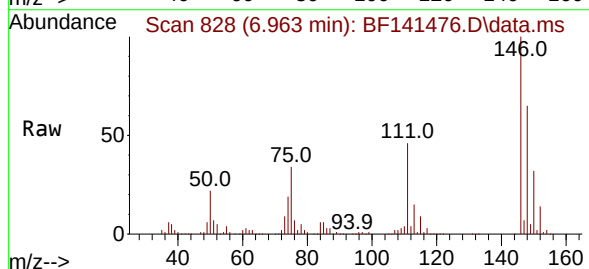
Tgt Ion:146 Resp: 244757

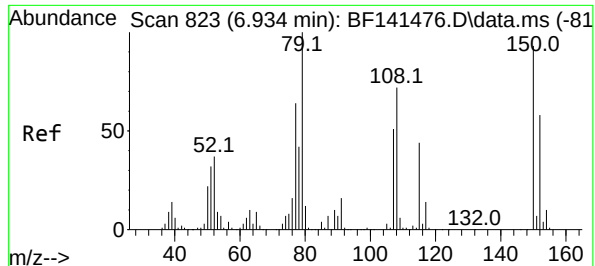
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 46.2 37.0 55.4

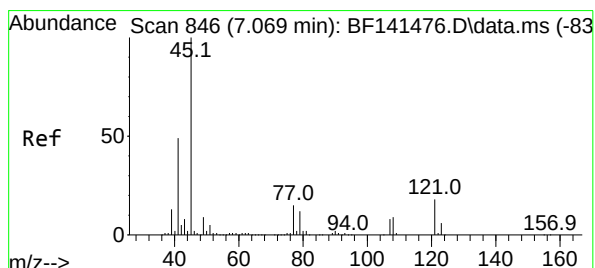
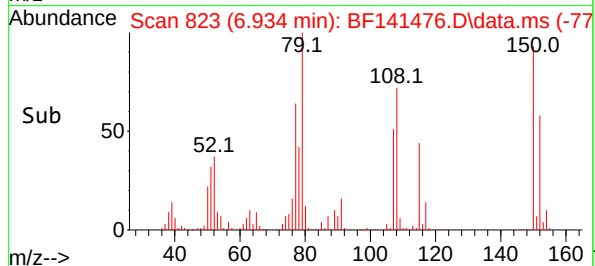
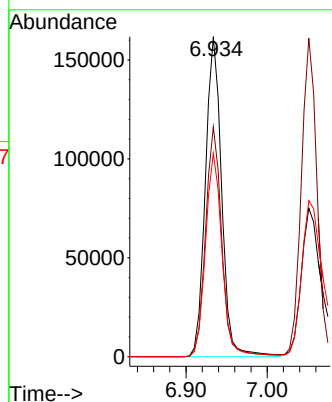
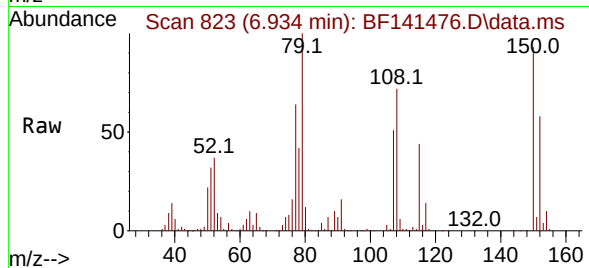




#15
Benzyl Alcohol
Concen: 40.841 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

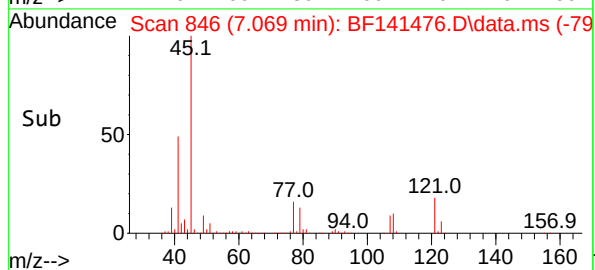
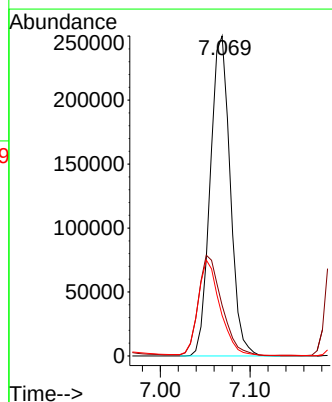
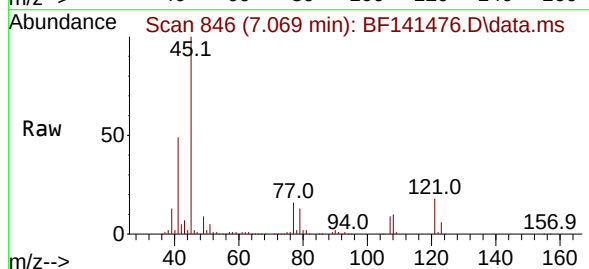
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

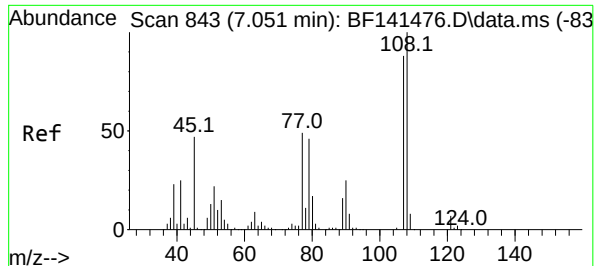
Tgt Ion: 79 Resp: 224961
Ion Ratio Lower Upper
79 100
108 71.8 57.4 86.2
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.130 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 45 Resp: 385739
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.8
79 12.7 0.0 32.7

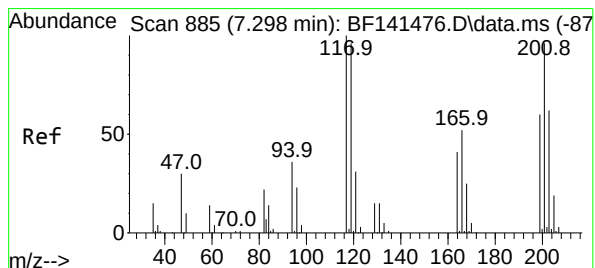
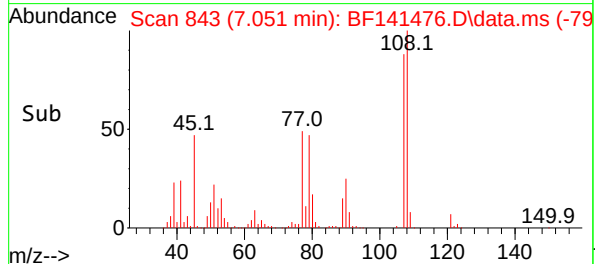
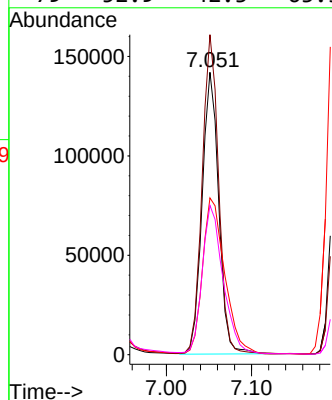
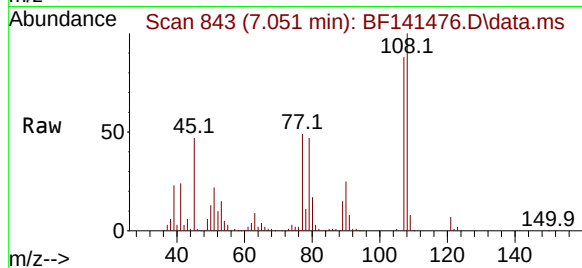




#17
2-Methylphenol
Concen: 39.951 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

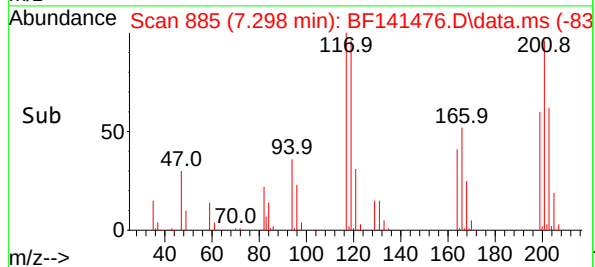
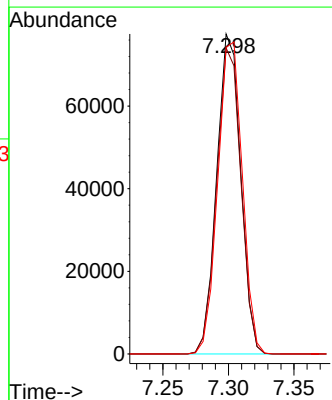
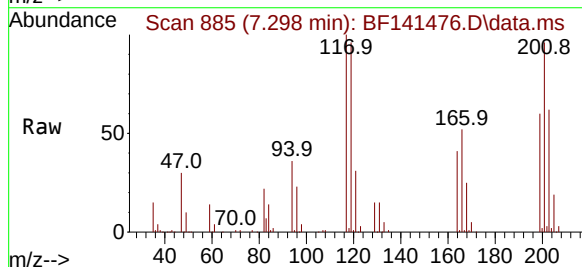
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

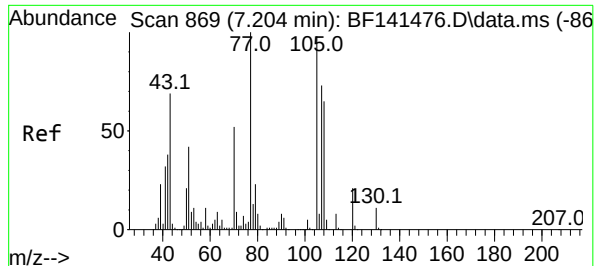
Tgt Ion:107 Resp: 191970
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 55.5 44.4 66.6
79 52.9 42.3 63.5



#18
Hexachloroethane
Concen: 40.215 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:117 Resp: 98581
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 95.9 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.198 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 172712

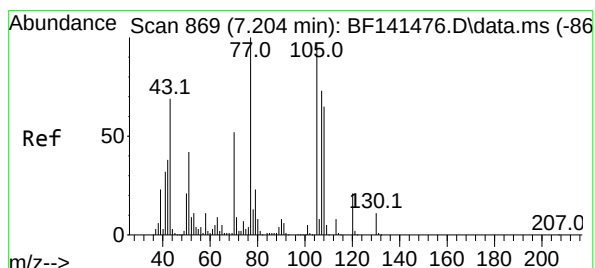
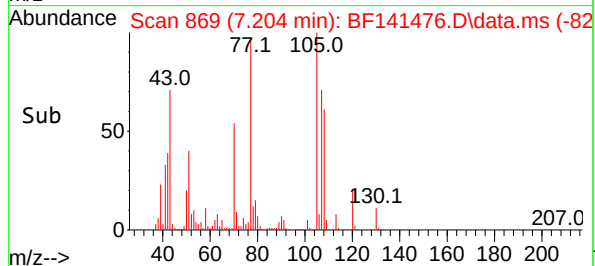
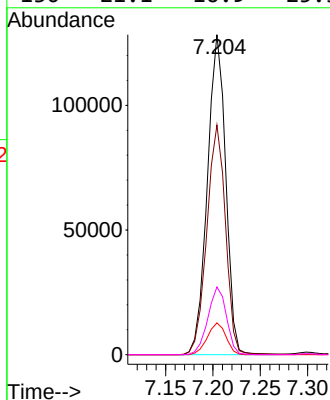
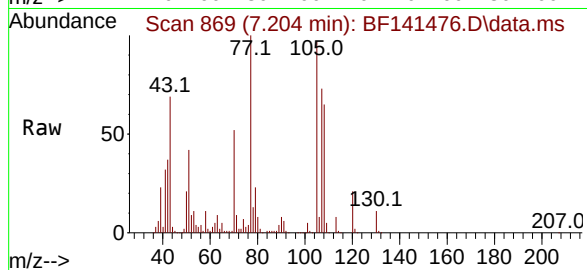
Ion Ratio Lower Upper

70 100

42 71.8 57.4 86.2

101 10.0 8.0 12.0

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.024 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:107 Resp: 244439

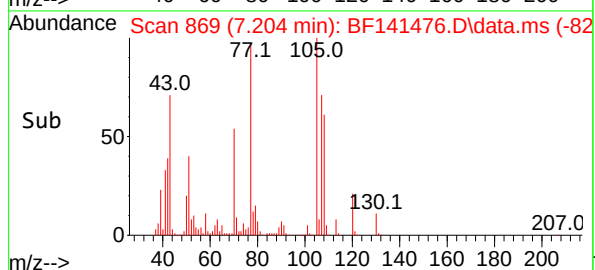
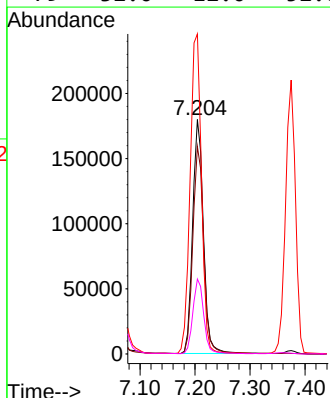
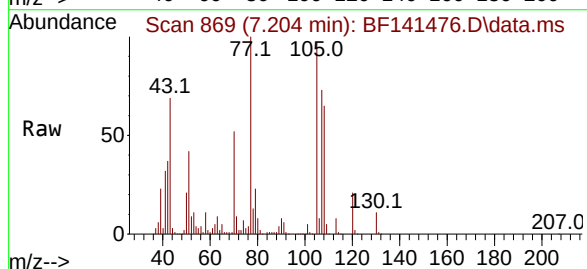
Ion Ratio Lower Upper

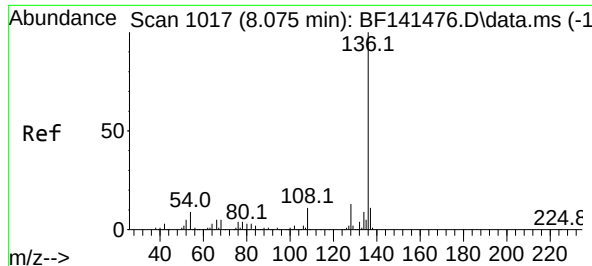
107 100

108 88.5 68.5 108.5

77 136.5 116.5 156.5

79 32.0 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 351555

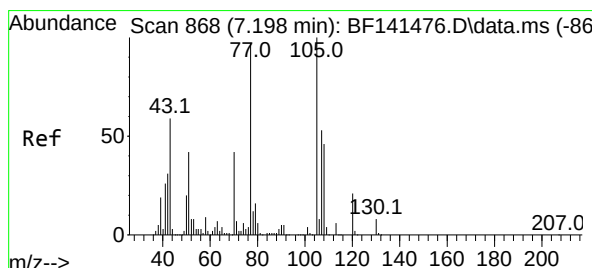
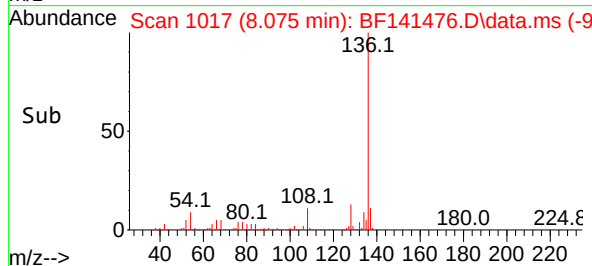
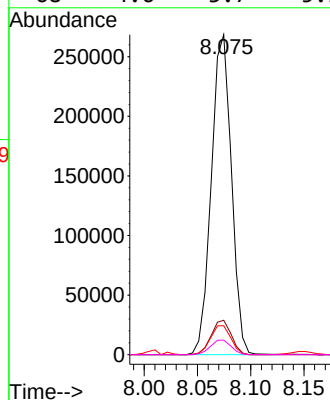
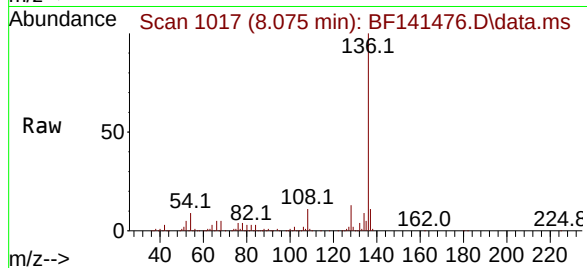
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.0 7.2 10.8

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 39.649 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:105 Resp: 346731

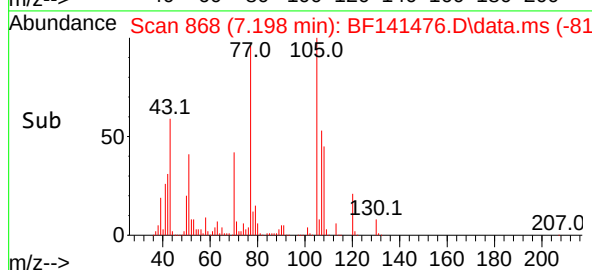
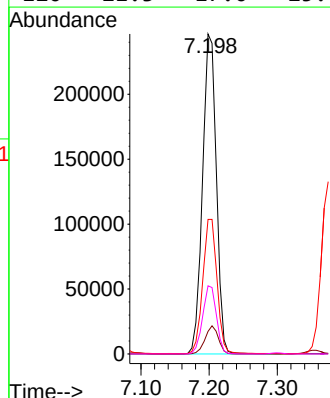
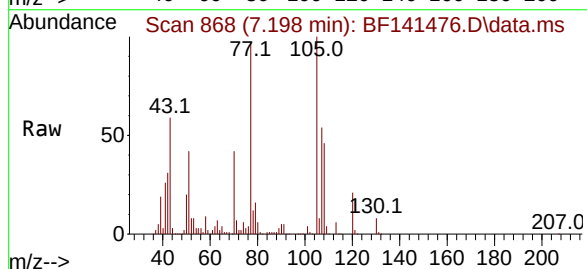
Ion Ratio Lower Upper

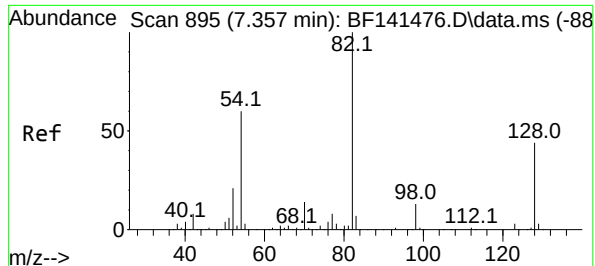
105 100

71 7.1 5.7 8.5

51 42.1 33.7 50.5

120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.234 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

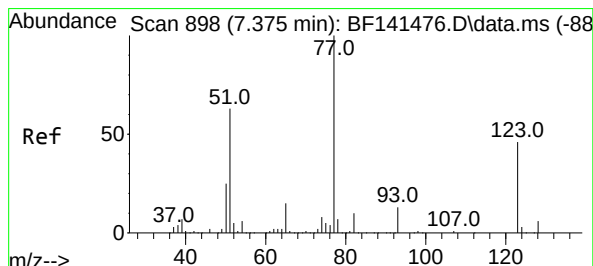
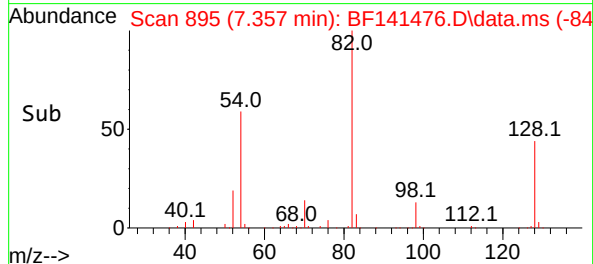
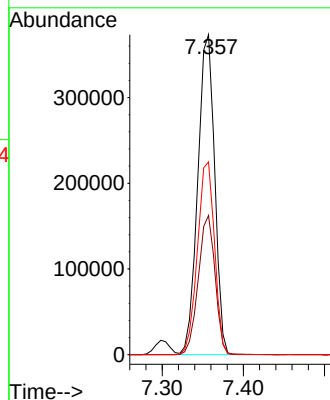
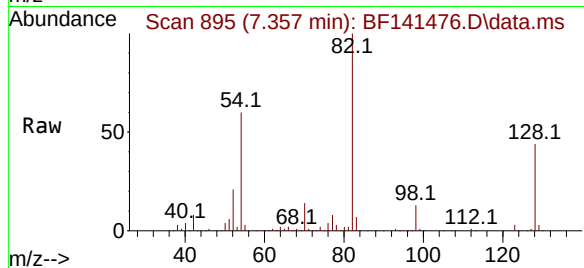
Tgt Ion: 82 Resp: 540793

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

54 60.3 48.2 72.4



#24

Nitrobenzene

Concen: 40.044 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

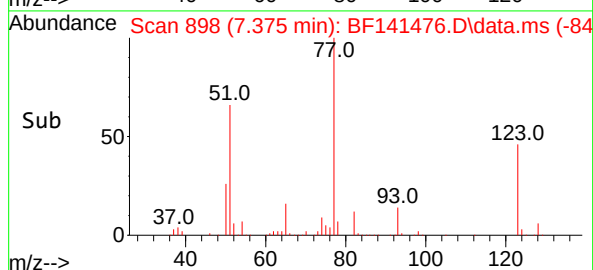
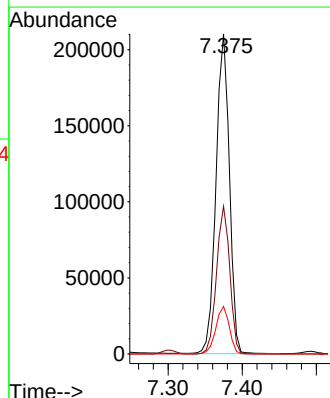
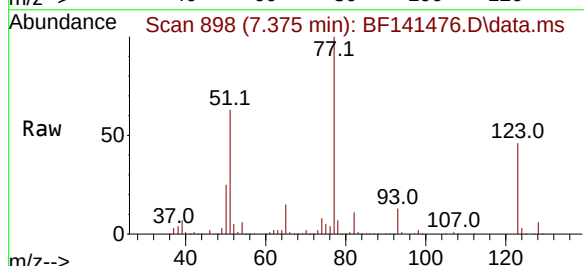
Tgt Ion: 77 Resp: 263188

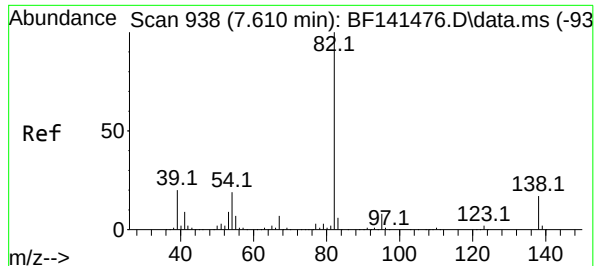
Ion Ratio Lower Upper

77 100

123 46.1 36.9 55.3

65 14.9 11.9 17.9

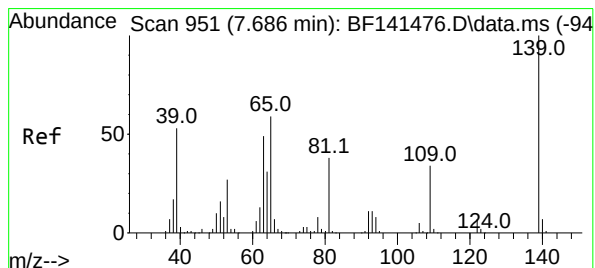
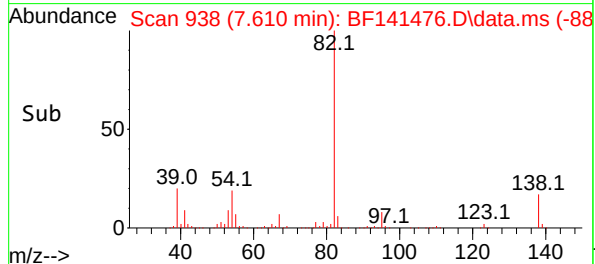
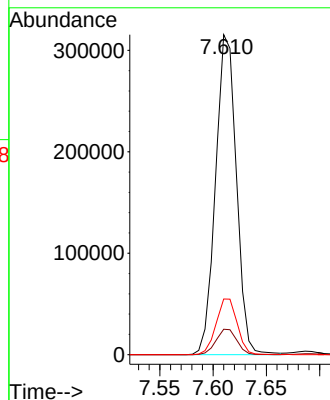
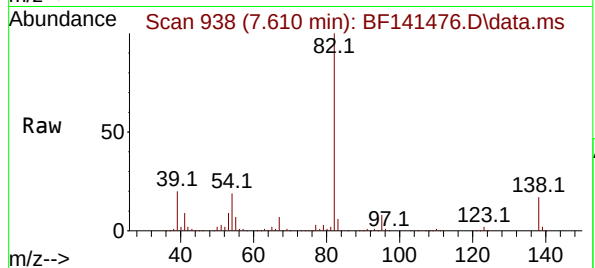




#25
Isophorone
Concen: 39.948 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

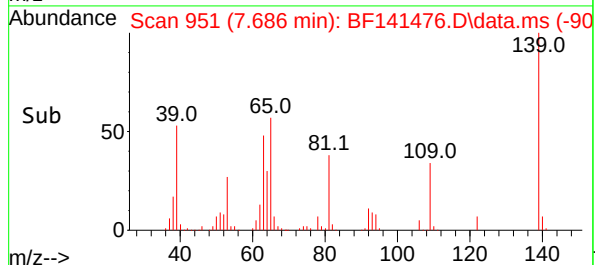
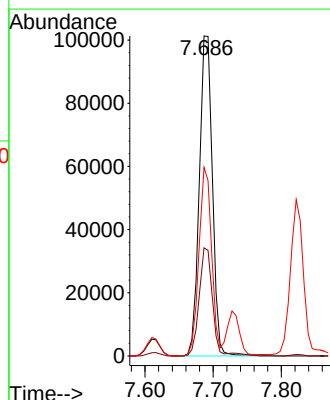
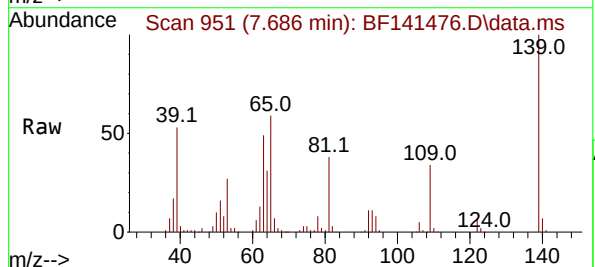
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

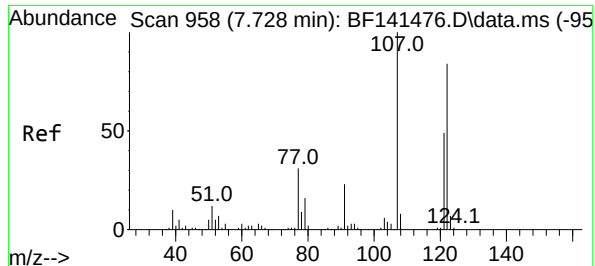
Tgt Ion: 82 Resp: 429323
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 41.394 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 139 Resp: 135355
Ion Ratio Lower Upper
139 100
109 33.8 27.0 40.6
65 58.9 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 41.012 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

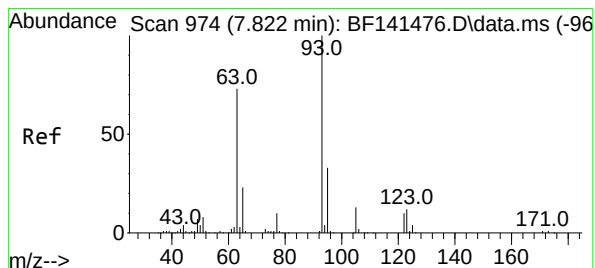
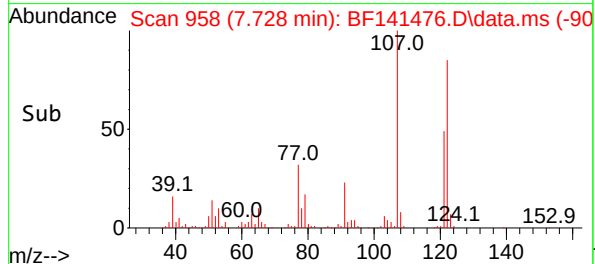
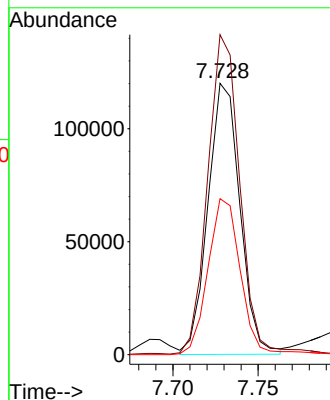
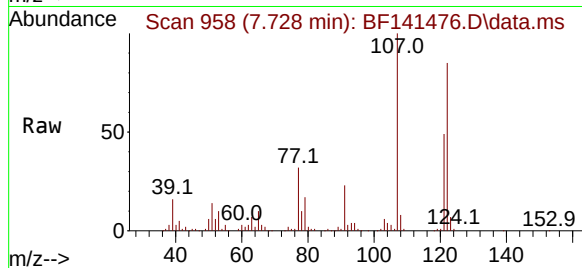
Tgt Ion:122 Resp: 156665

Ion Ratio Lower Upper

122 100

107 117.9 94.3 141.5

121 57.5 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.185 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

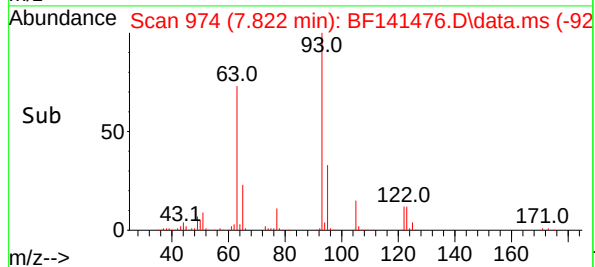
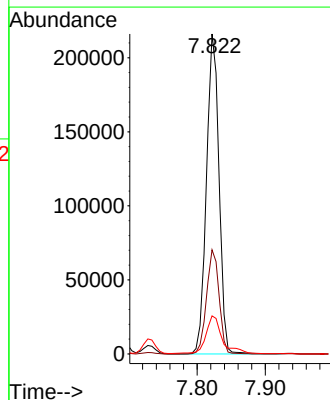
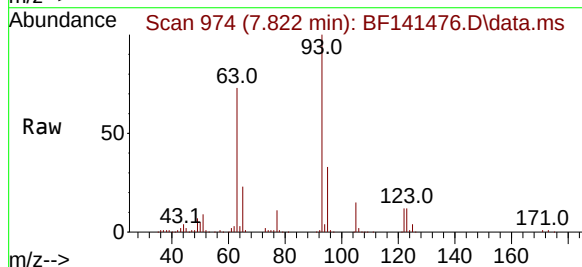
Tgt Ion: 93 Resp: 276730

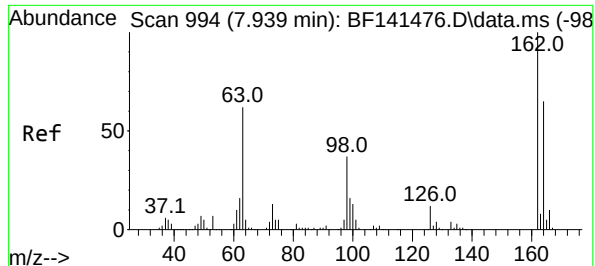
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.375 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

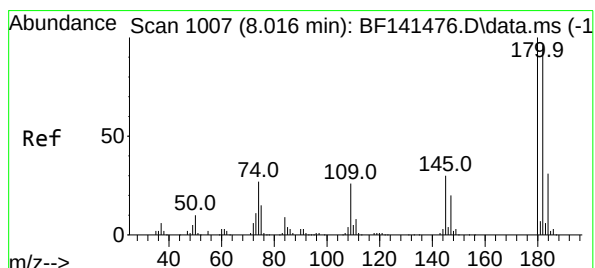
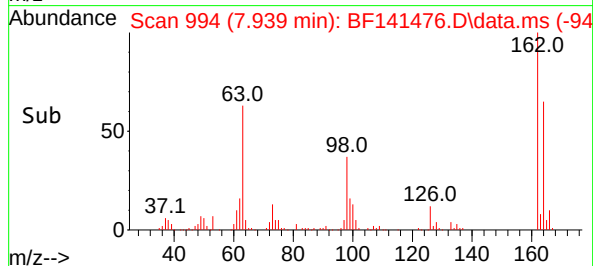
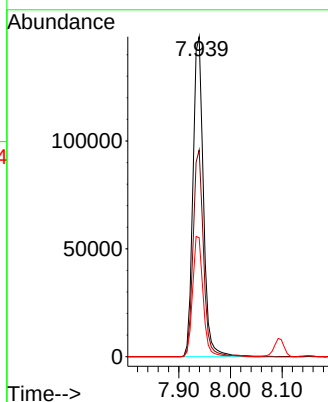
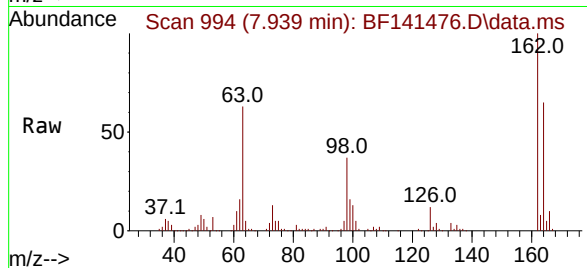
Tgt Ion:162 Resp: 208390

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 37.2 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.619 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

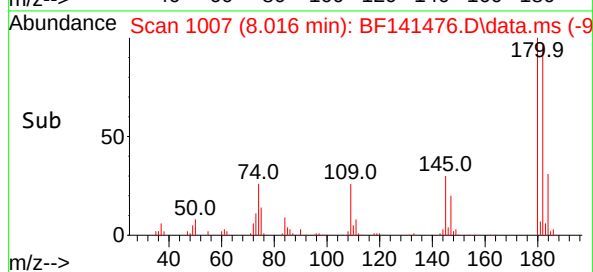
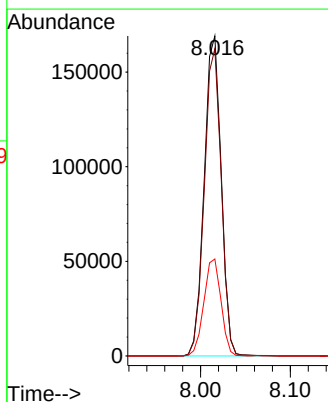
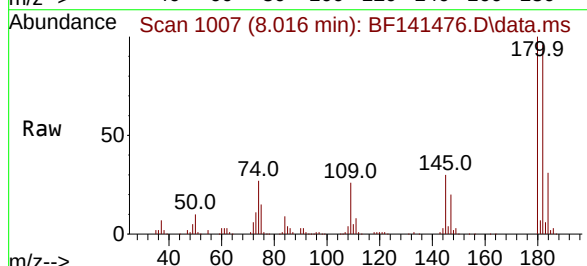
Tgt Ion:180 Resp: 222679

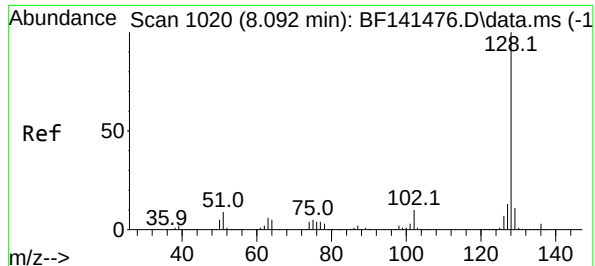
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 30.3 24.2 36.4





#31

Naphthalene

Concen: 39.856 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

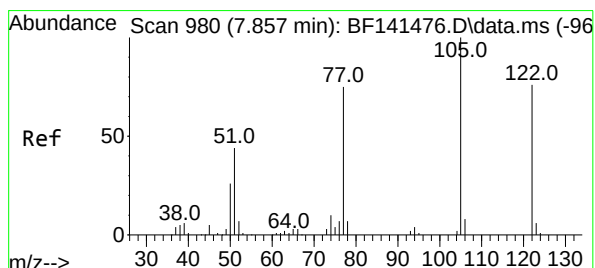
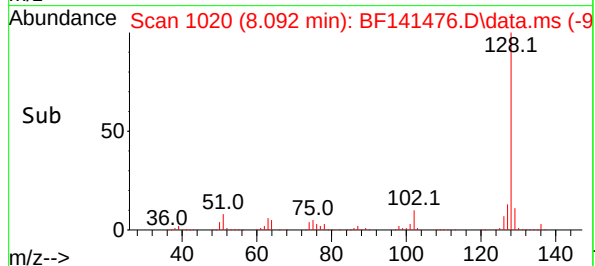
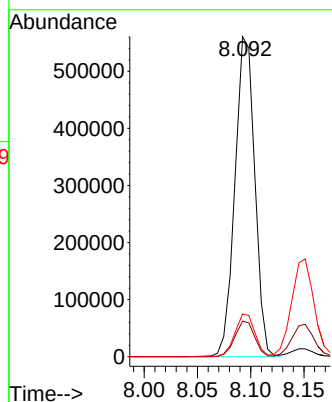
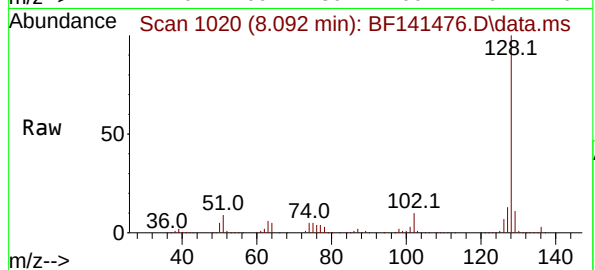
Tgt Ion:128 Resp: 729358

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 40.625 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.035 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

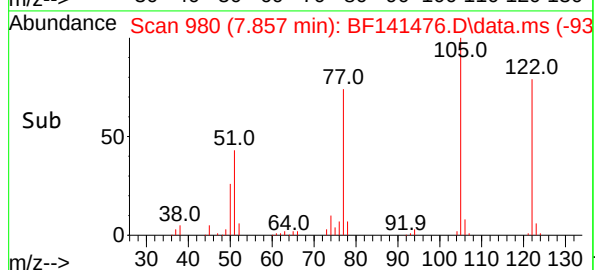
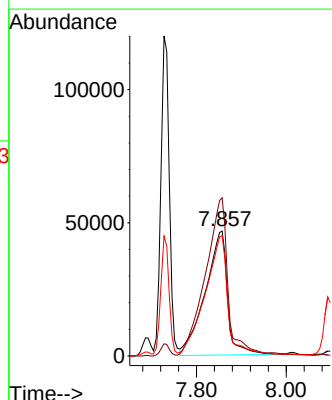
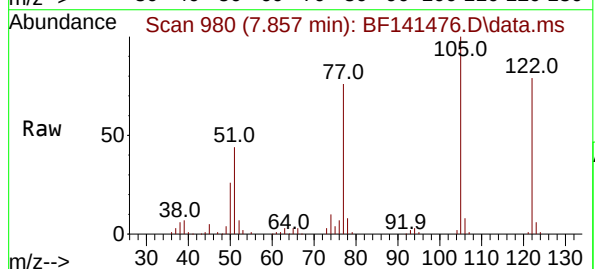
Tgt Ion:122 Resp: 161196

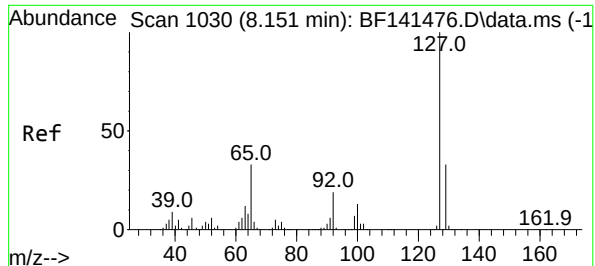
Ion Ratio Lower Upper

122 100

105 126.5 106.5 146.5

77 96.3 76.3 116.3





#33

4-Chloroaniline

Concen: 40.029 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 255749

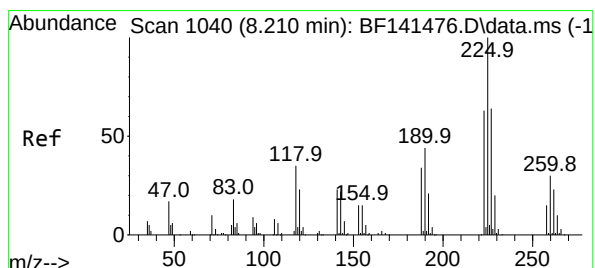
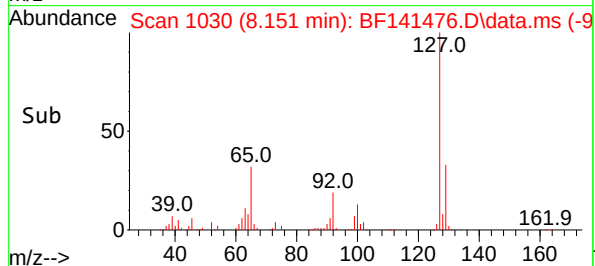
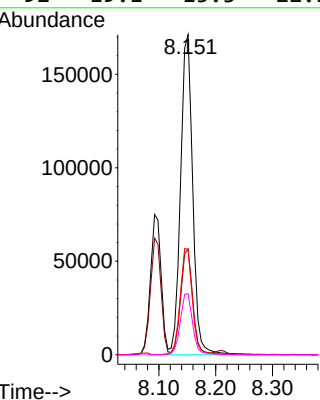
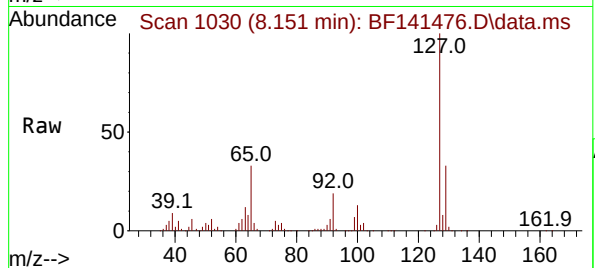
Ion Ratio Lower Upper

127 100

129 33.1 26.5 39.7

65 33.0 26.4 39.6

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 40.051 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

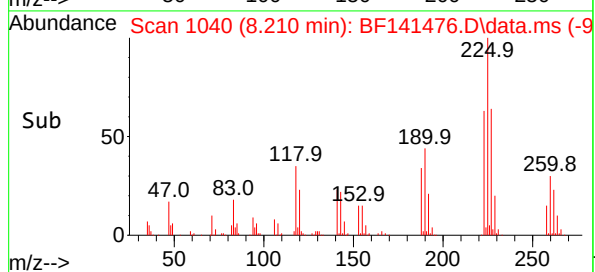
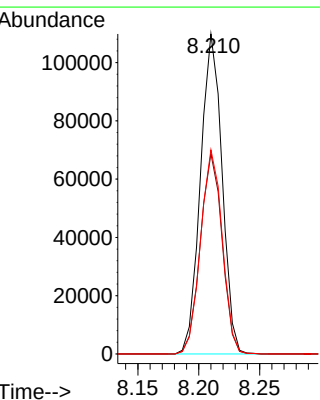
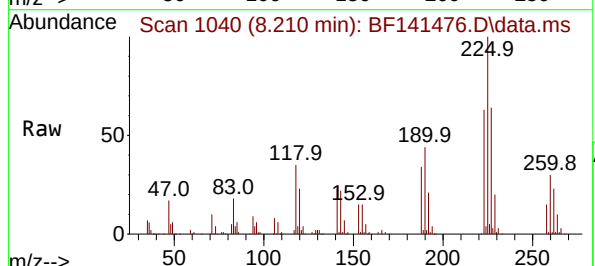
Tgt Ion:225 Resp: 135140

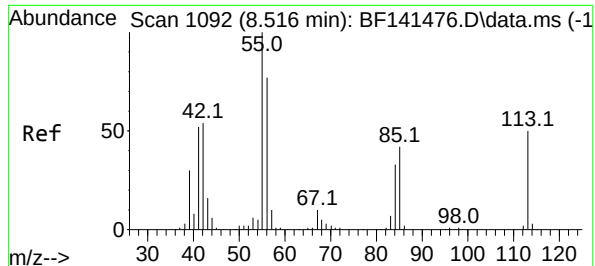
Ion Ratio Lower Upper

225 100

223 62.6 50.1 75.1

227 63.8 51.0 76.6





#35

Caprolactam

Concen: 41.461 ng

RT: 8.516 min Scan# 1092

Delta R.T. -0.029 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

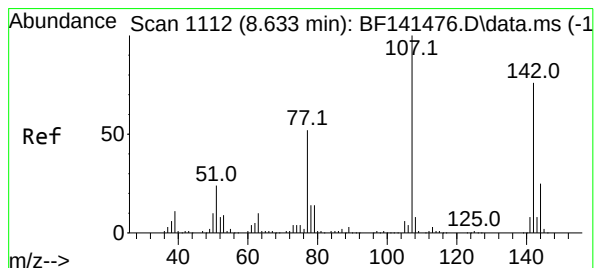
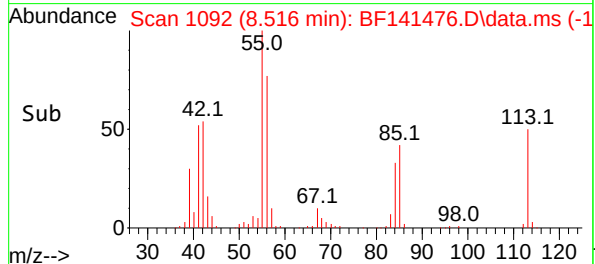
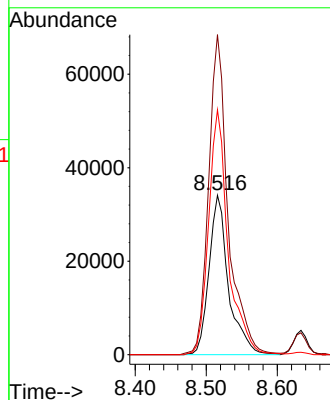
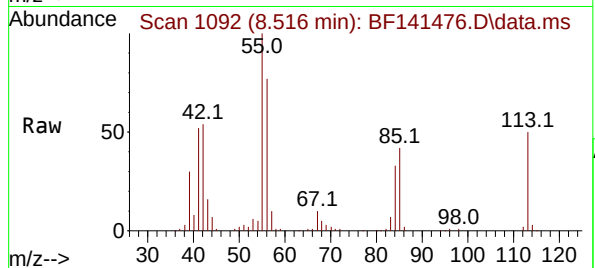
Tgt Ion:113 Resp: 65155

Ion Ratio Lower Upper

113 100

55 200.8 180.8 220.8

56 153.6 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 40.464 ng

RT: 8.633 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

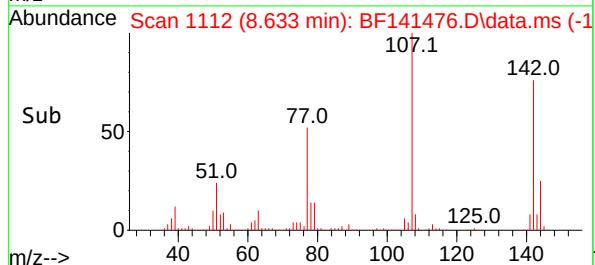
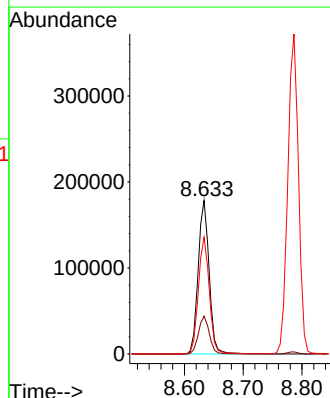
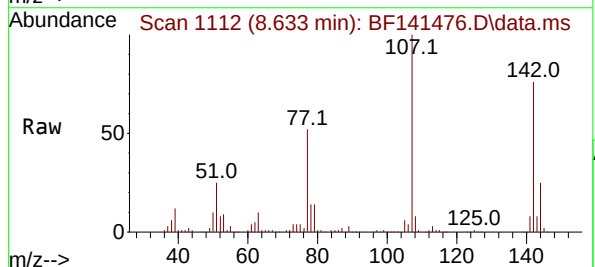
Tgt Ion:107 Resp: 231344

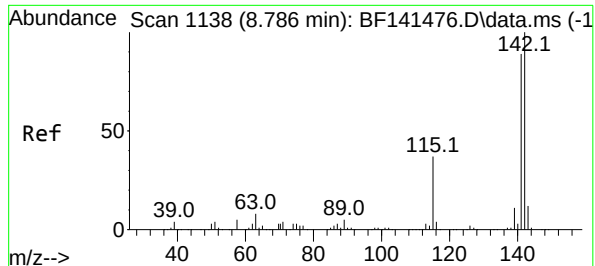
Ion Ratio Lower Upper

107 100

144 24.6 19.7 29.5

142 76.0 60.8 91.2

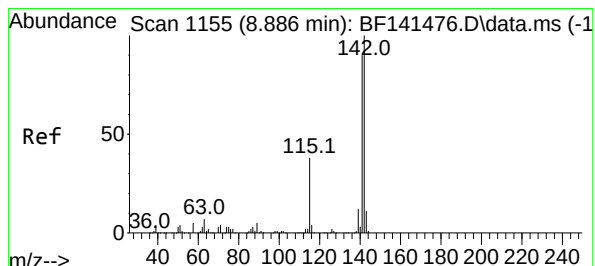
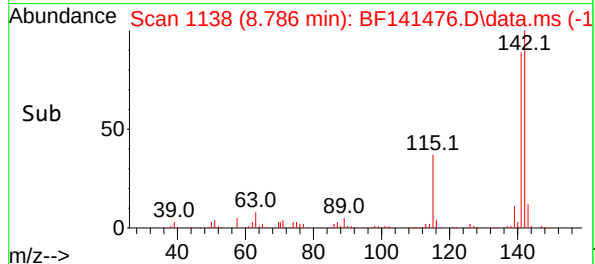
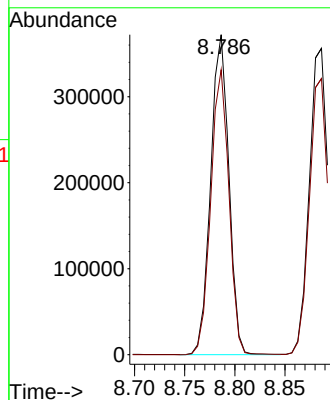
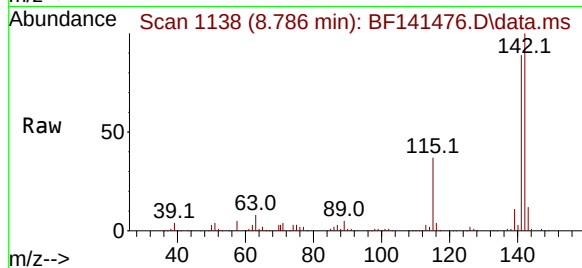




#37
2-Methylnaphthalene
Concen: 39.496 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

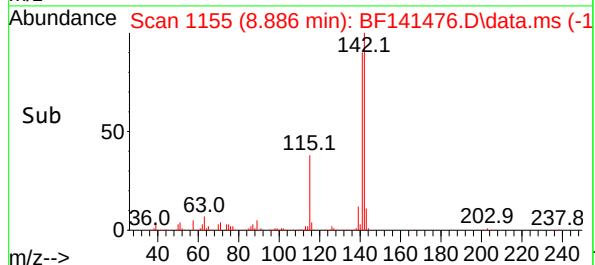
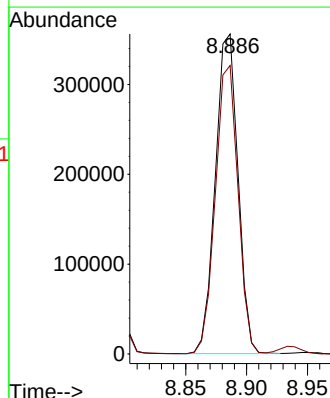
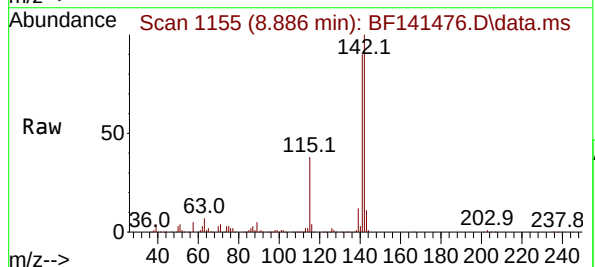
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

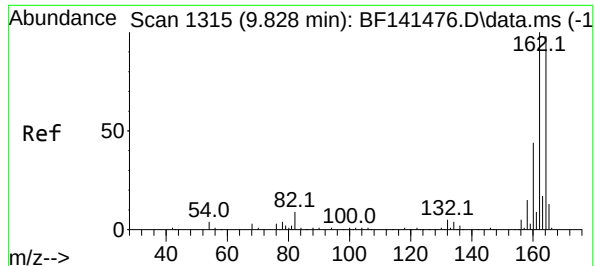
Tgt Ion:142 Resp: 470332
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.987 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:142 Resp: 461189
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11315

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

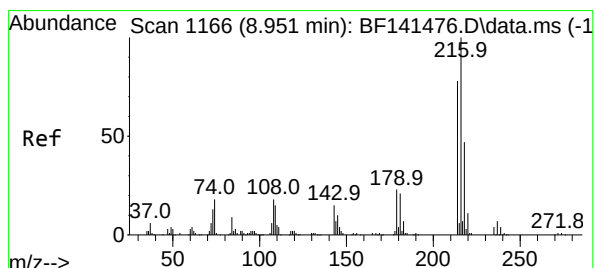
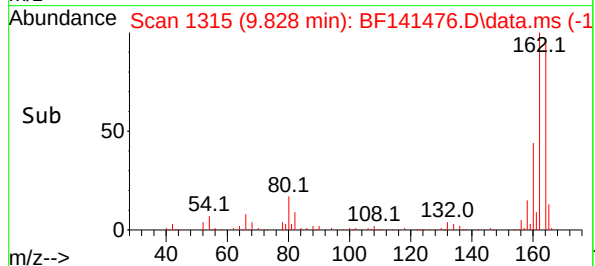
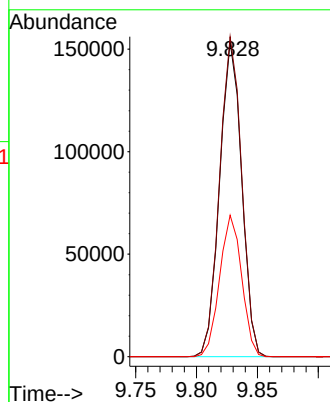
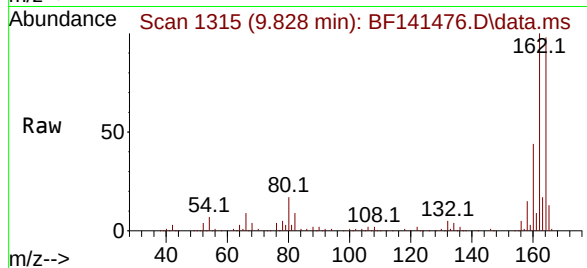
Tgt Ion:164 Resp: 193385

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.383 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:216 Resp: 225938

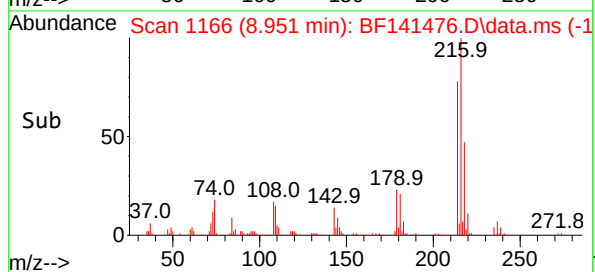
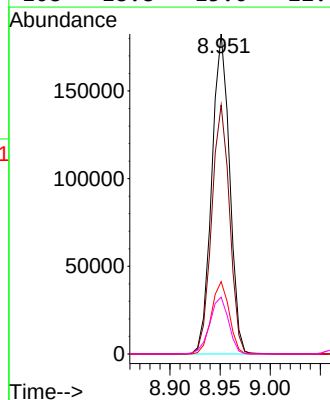
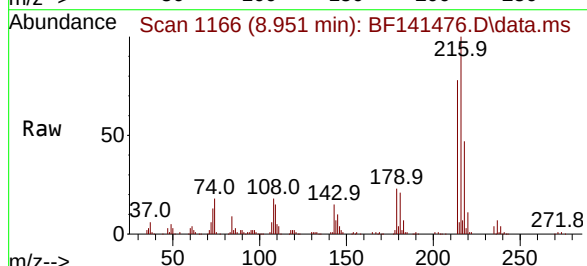
Ion Ratio Lower Upper

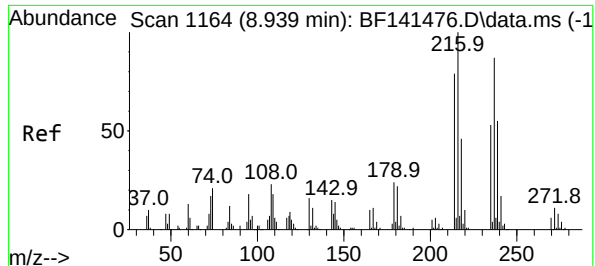
216 100

214 77.9 62.3 93.5

179 22.5 18.0 27.0

108 18.8 15.0 22.6

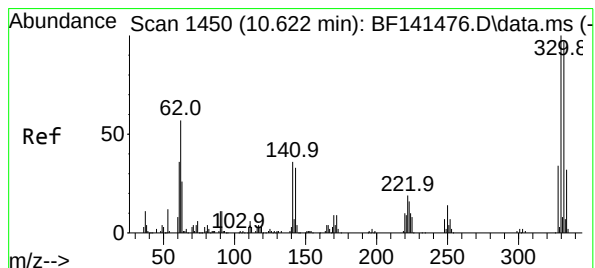
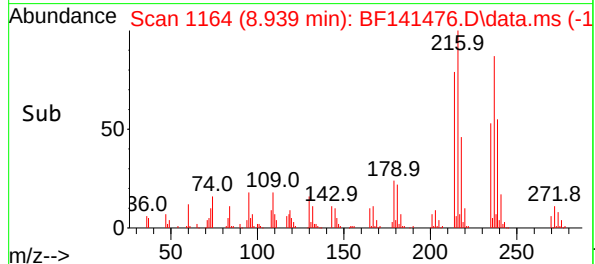
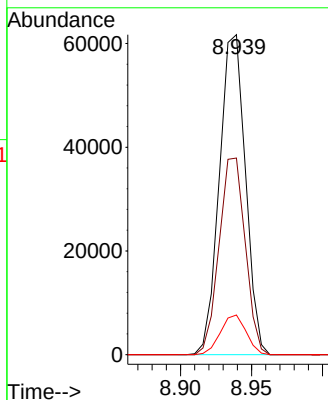
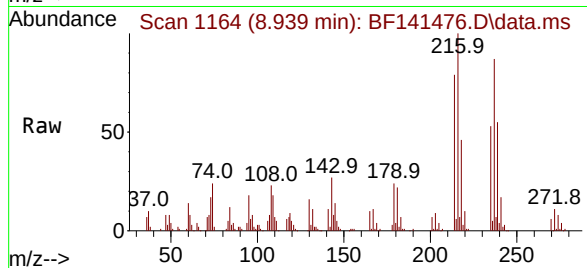




#41
Hexachlorocyclopentadiene
Concen: 42.325 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

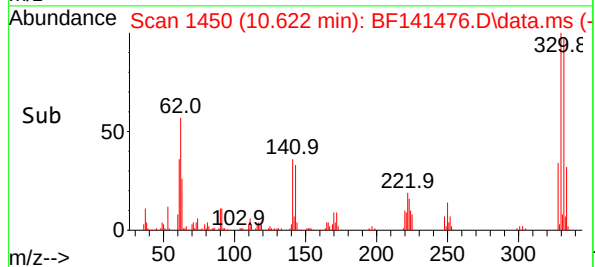
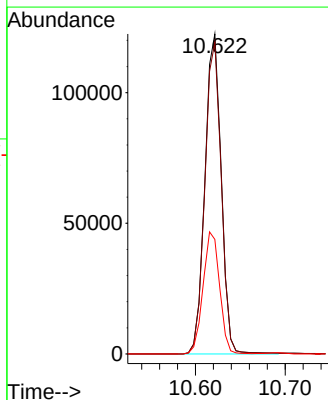
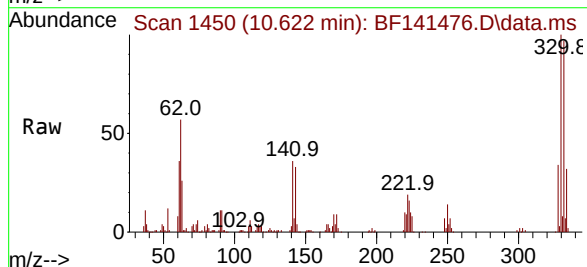
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

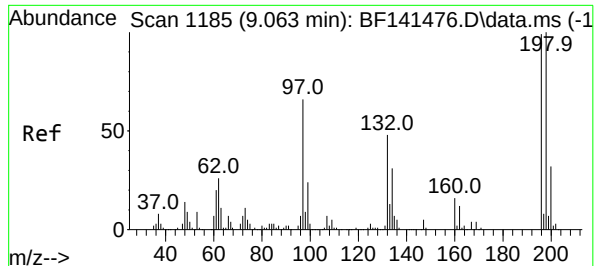
Tgt Ion: 237 Resp: 78762
Ion Ratio Lower Upper
237 100
235 61.4 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 79.647 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 330 Resp: 154725
Ion Ratio Lower Upper
330 100
332 98.1 78.5 117.7
141 38.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 40.288 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

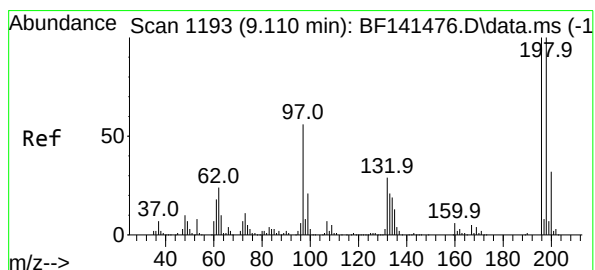
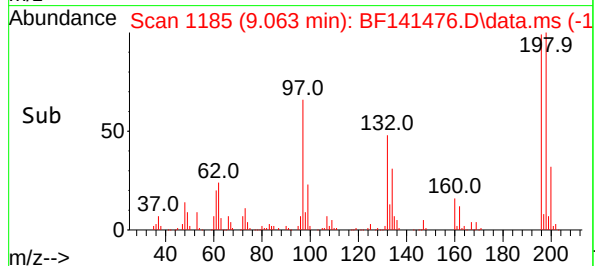
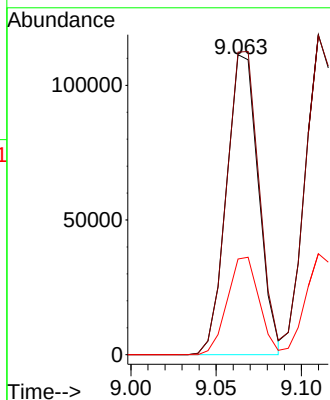
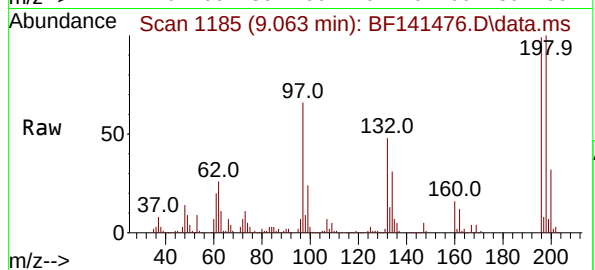
Tgt Ion:196 Resp: 145682

Ion Ratio Lower Upper

196 100

198 100.8 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.492 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Tgt Ion:196 Resp: 158685

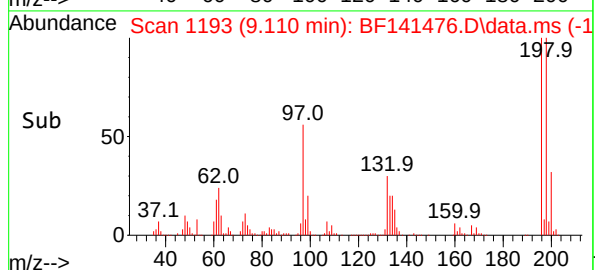
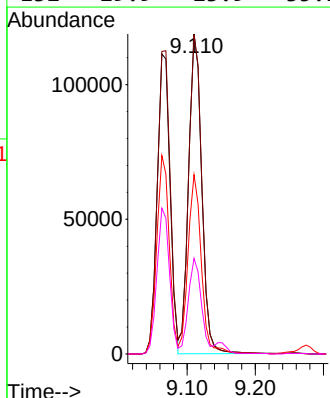
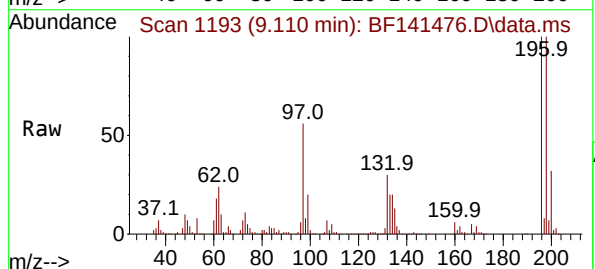
Ion Ratio Lower Upper

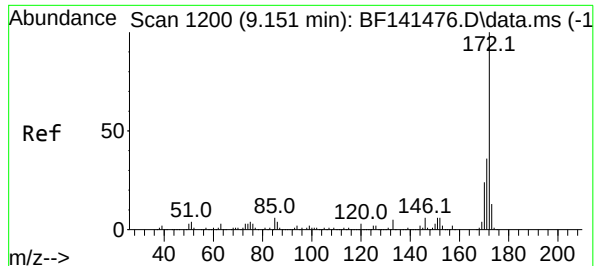
196 100

198 99.8 79.8 119.8

97 56.0 44.8 67.2

132 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.189 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

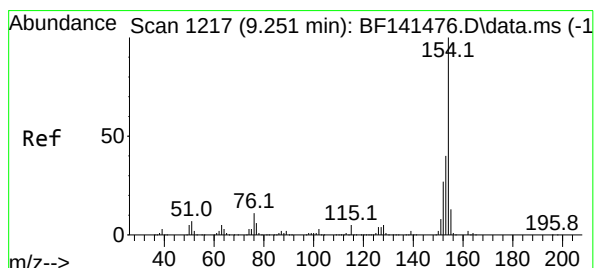
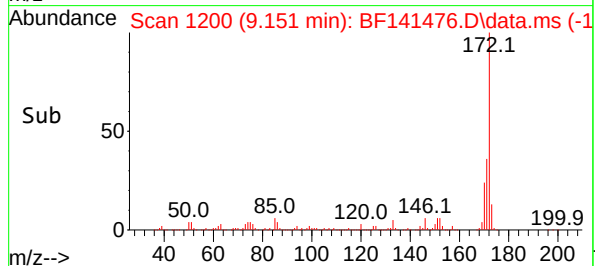
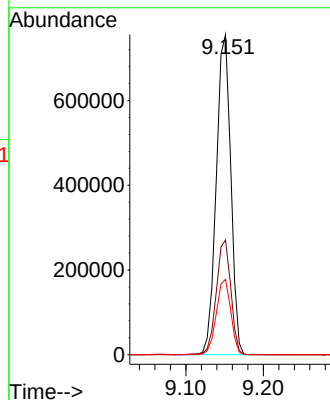
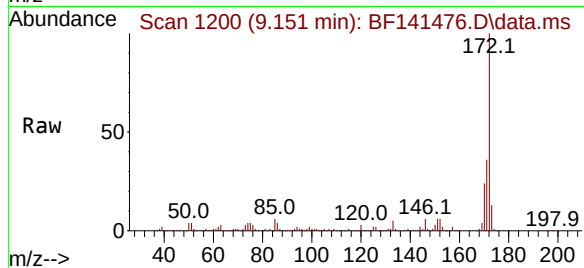
Tgt Ion:172 Resp: 981440

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.846 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

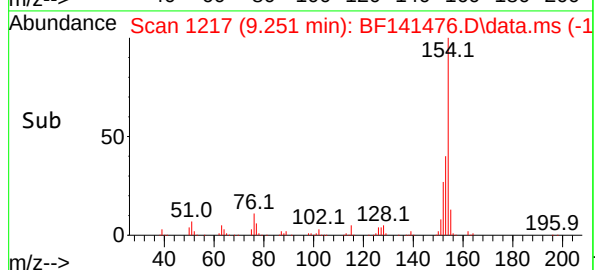
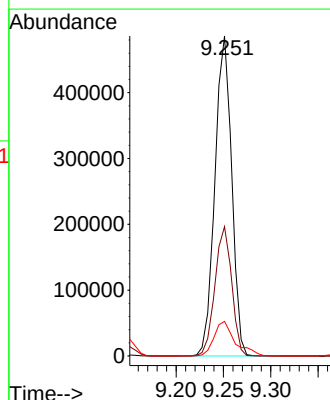
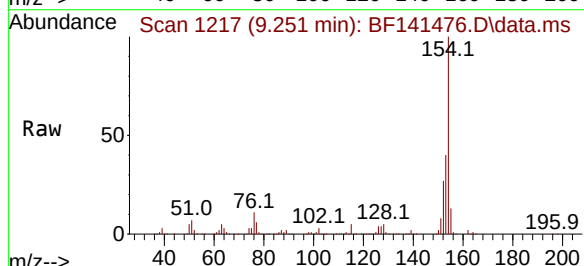
Tgt Ion:154 Resp: 597404

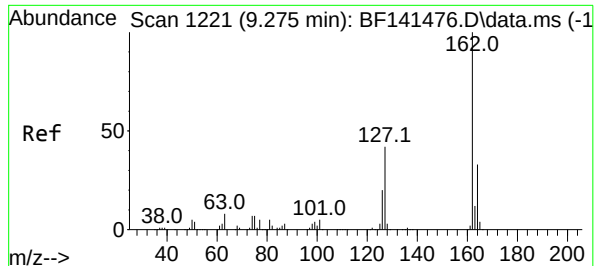
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.590 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

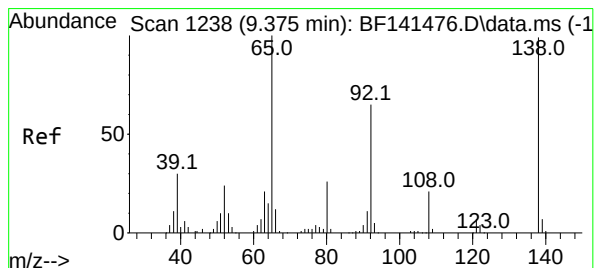
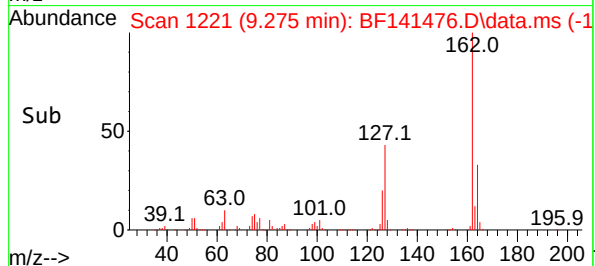
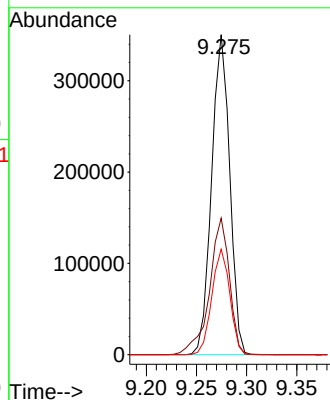
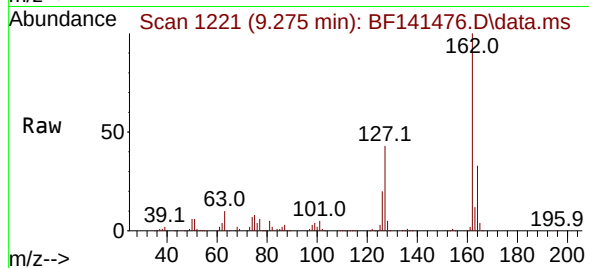
Tgt Ion:162 Resp: 438926

Ion Ratio Lower Upper

162 100

127 42.6 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 40.563 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

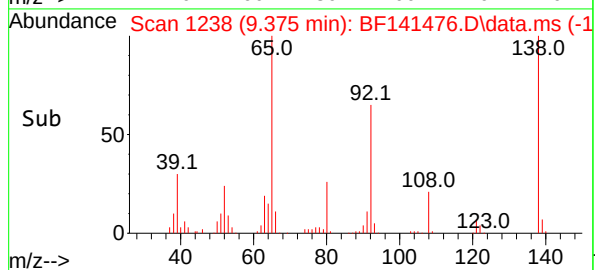
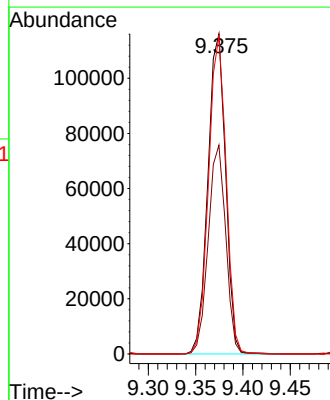
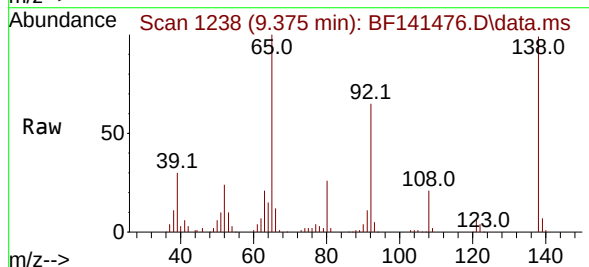
Tgt Ion: 65 Resp: 150922

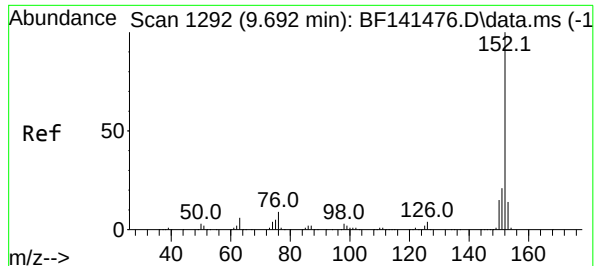
Ion Ratio Lower Upper

65 100

92 65.2 52.2 78.2

138 99.4 79.5 119.3





#49

Acenaphthylene

Concen: 39.789 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

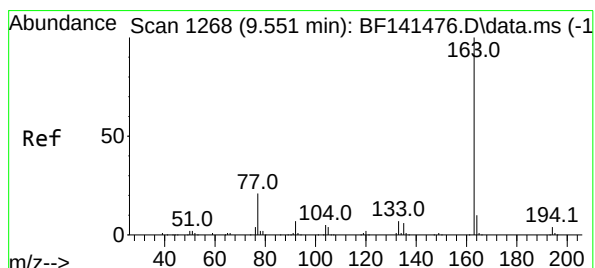
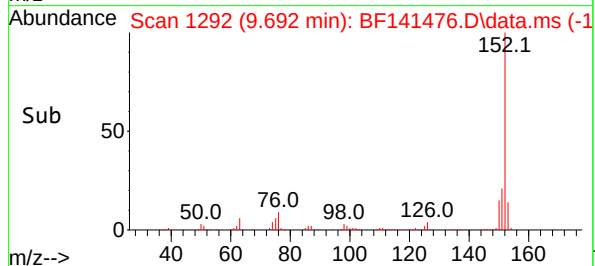
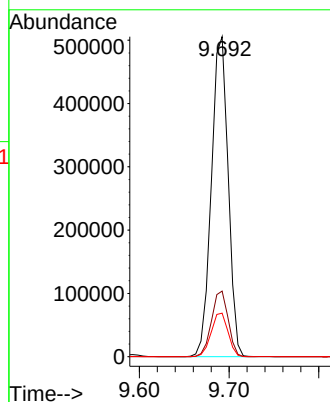
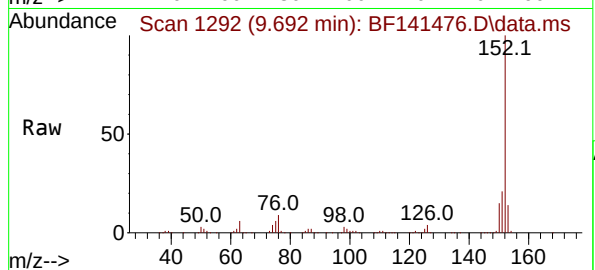
Tgt Ion:152 Resp: 656124

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 39.638 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

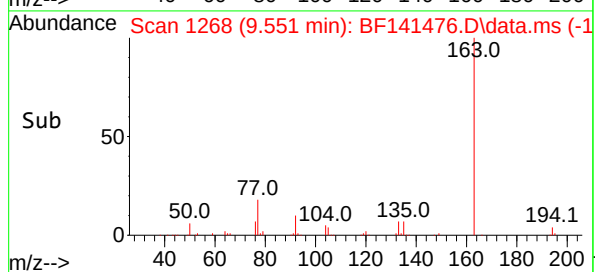
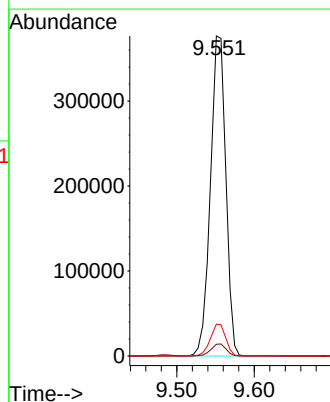
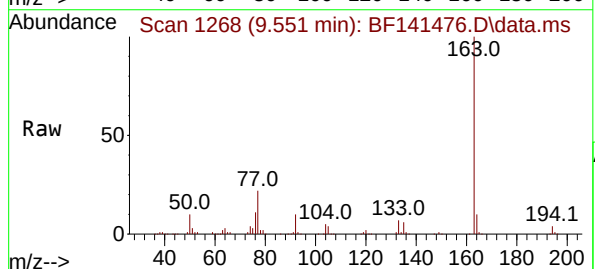
Tgt Ion:163 Resp: 520384

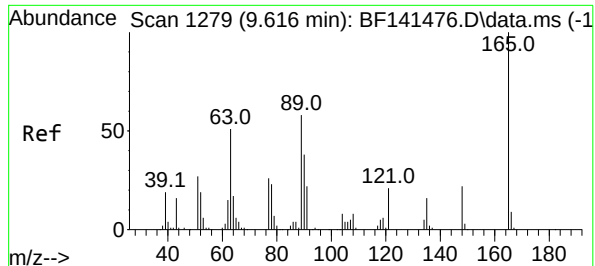
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 40.536 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

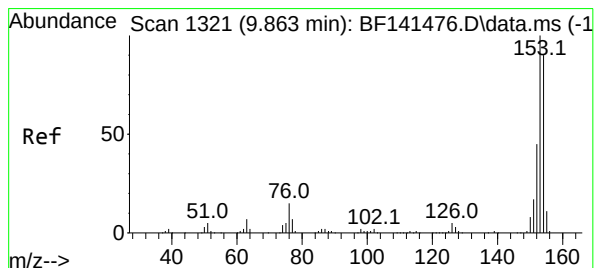
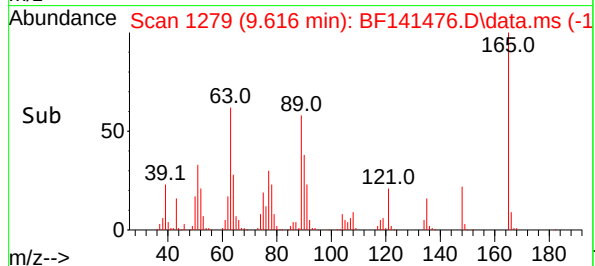
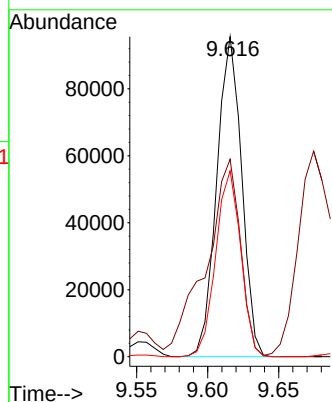
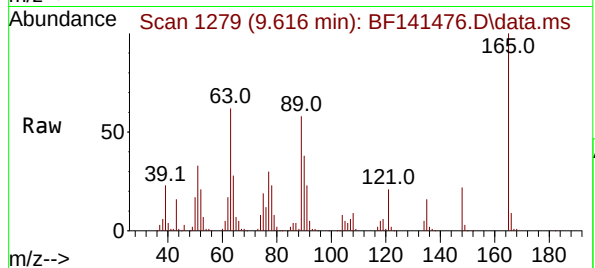
Tgt Ion:165 Resp: 116338

Ion Ratio Lower Upper

165 100

63 61.7 49.4 74.0

89 58.1 46.5 69.7



#52

Acenaphthene

Concen: 40.186 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

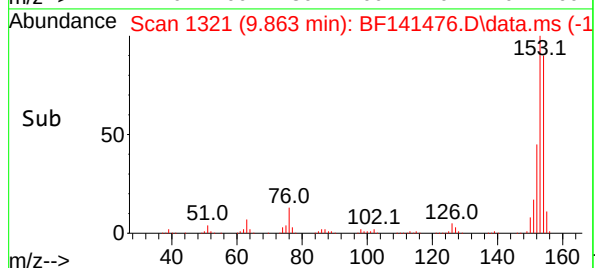
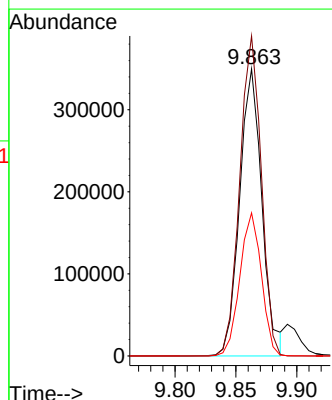
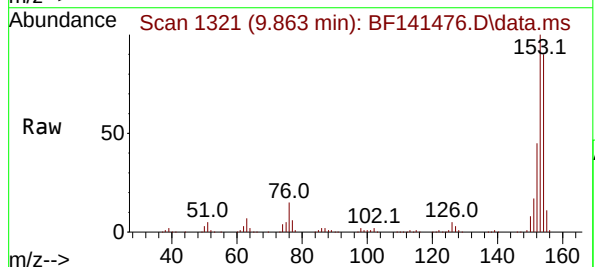
Tgt Ion:154 Resp: 445515

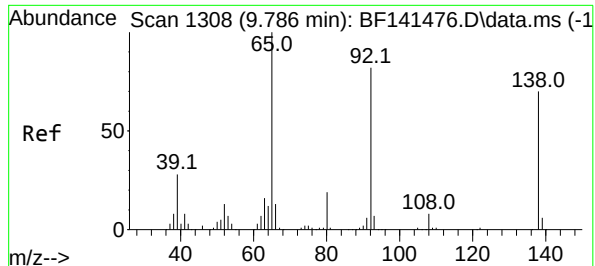
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 49.8 39.8 59.8

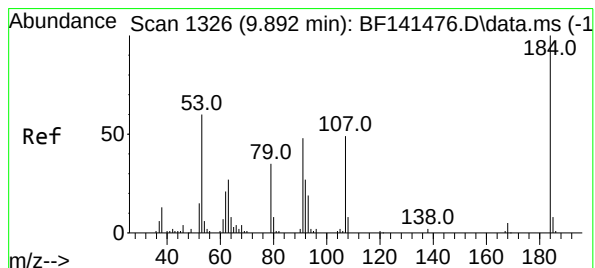
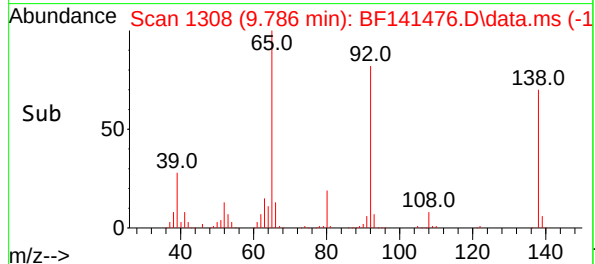
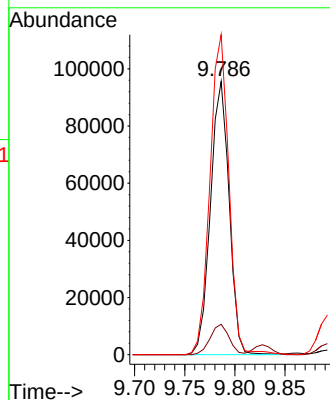
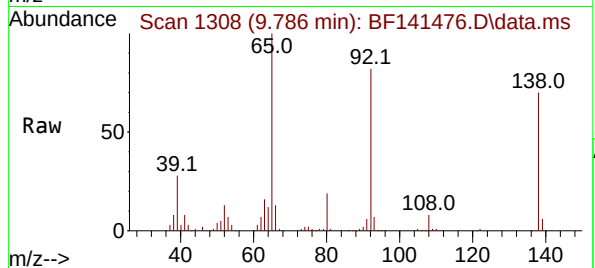




#53
3-Nitroaniline
Concen: 39.991 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

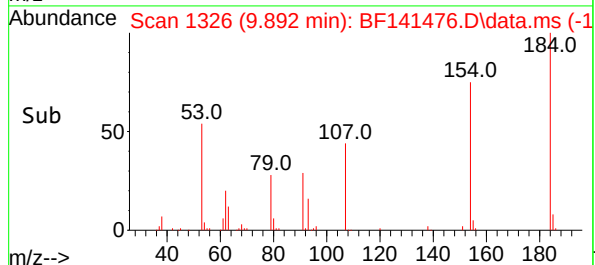
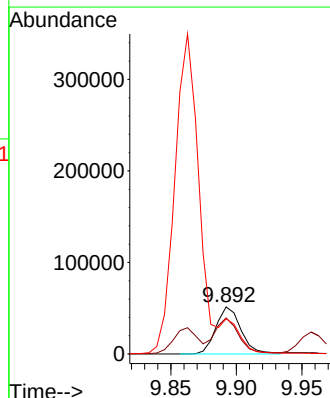
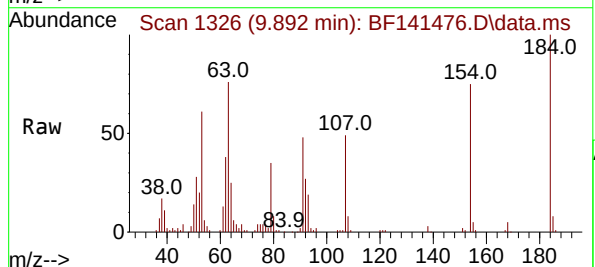
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

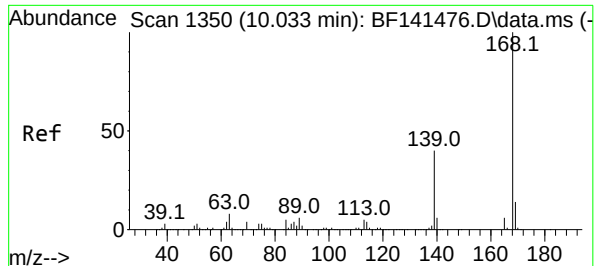
Tgt Ion:138 Resp: 123530
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 117.1 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 40.153 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:184 Resp: 68489
Ion Ratio Lower Upper
184 100
63 76.3 61.0 91.6
154 74.9 59.9 89.9





#55

Dibenzenofuran

Concen: 39.775 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

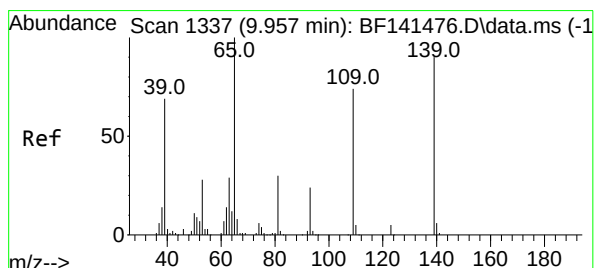
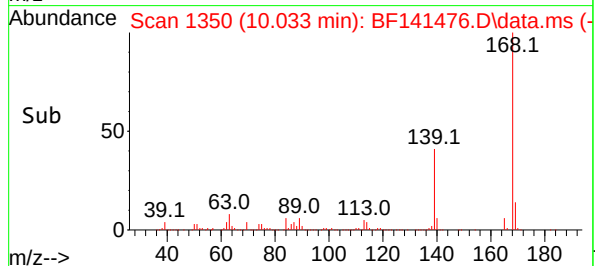
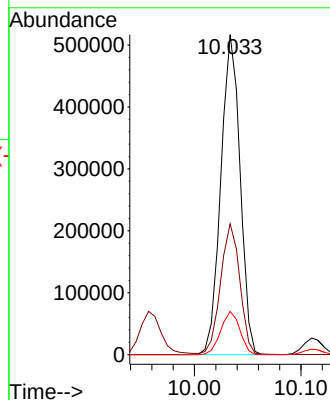
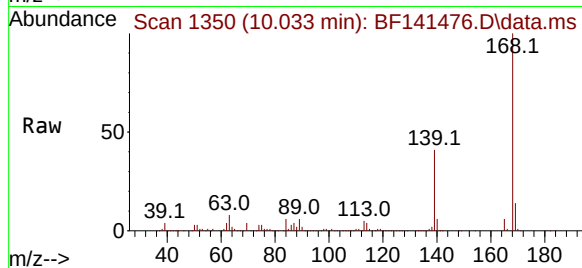
Tgt Ion:168 Resp: 647242

Ion Ratio Lower Upper

168 100

139 40.9 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 42.065 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

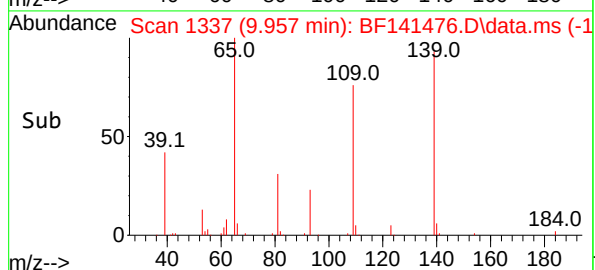
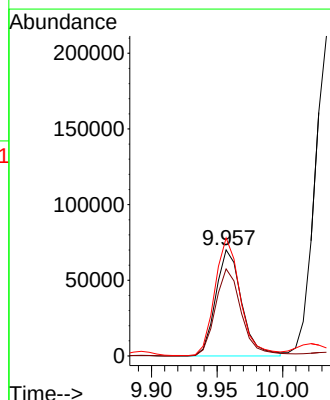
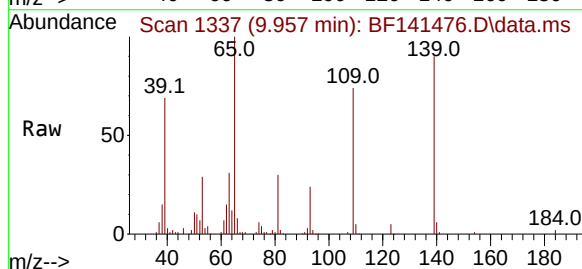
Tgt Ion:139 Resp: 96456

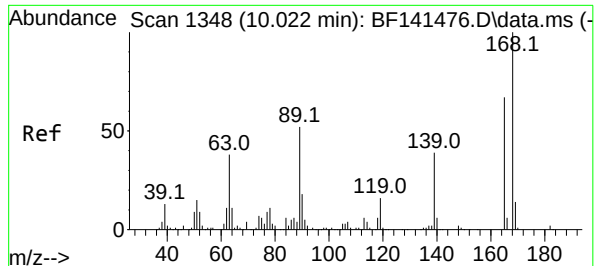
Ion Ratio Lower Upper

139 100

109 82.0 62.0 102.0

65 111.2 91.2 131.2

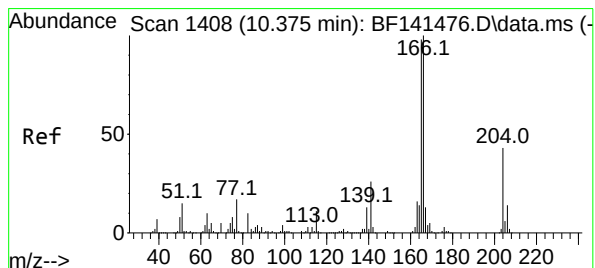
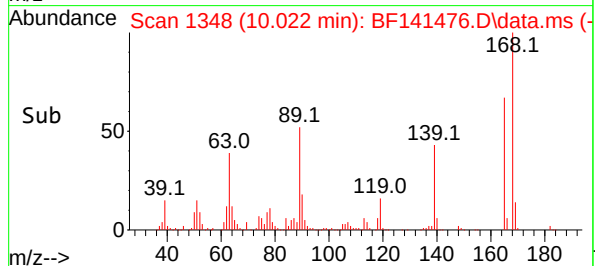
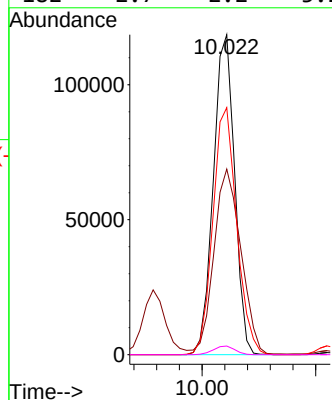
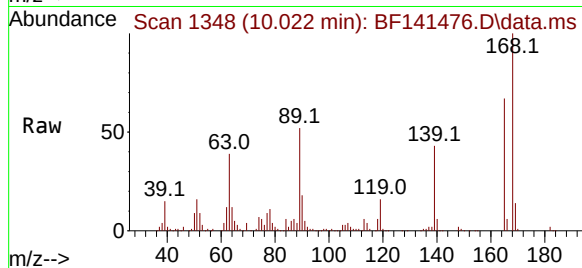




#57
2,4-Dinitrotoluene
Concen: 40.262 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

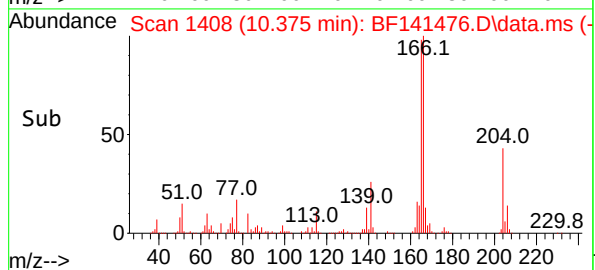
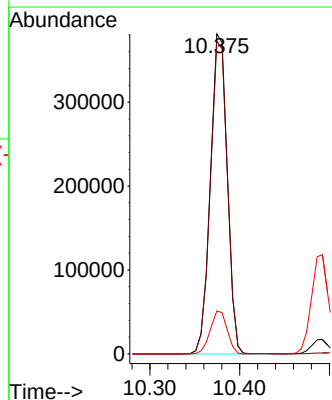
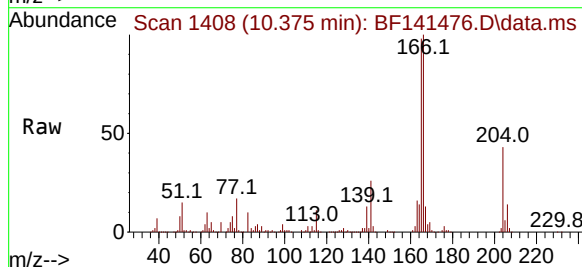
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

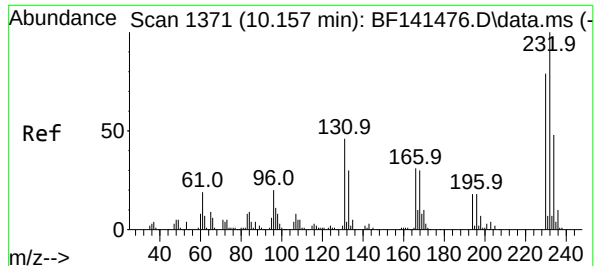
Tgt Ion:165 Resp: 153824
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 77.2 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.654 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:166 Resp: 498929
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.4 10.7 16.1

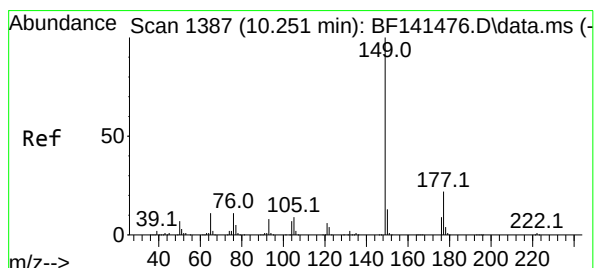
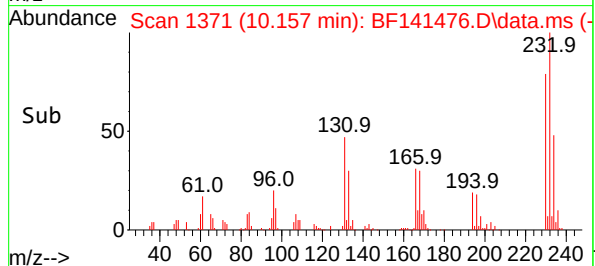
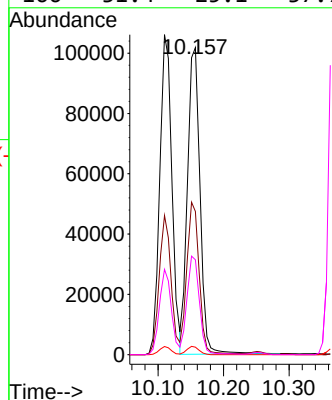
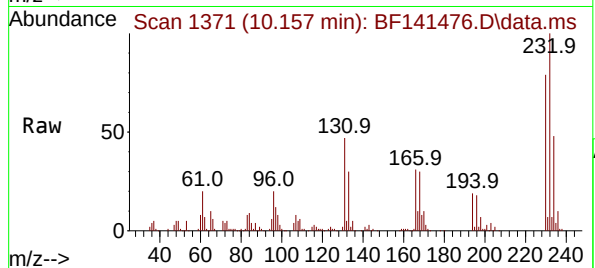




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.888 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

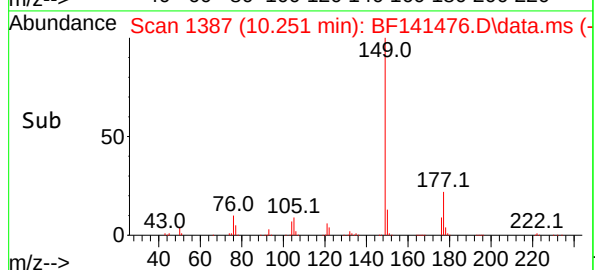
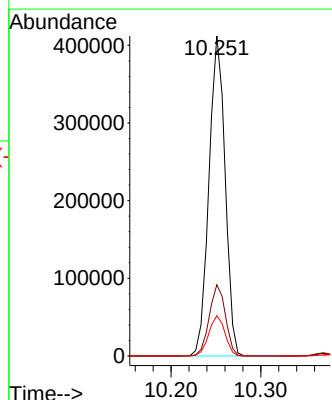
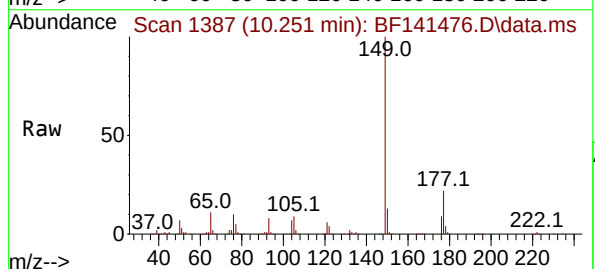
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

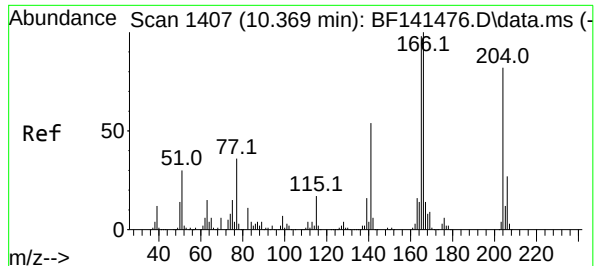
Tgt Ion:232 Resp: 134581
Ion Ratio Lower Upper
232 100
131 49.0 39.2 58.8
130 2.6 2.1 3.1
166 31.4 25.1 37.7



#60
Diethylphthalate
Concen: 39.821 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 514358
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.6 10.1 15.1

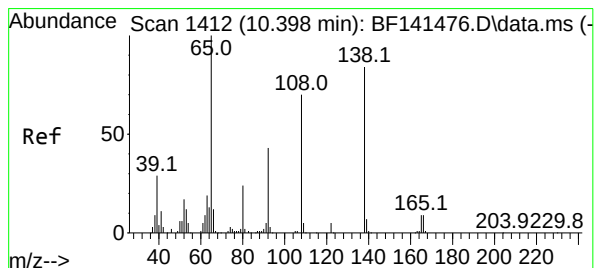
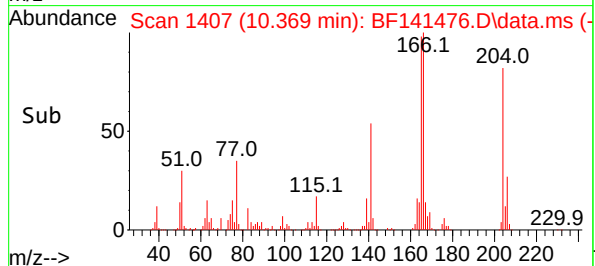
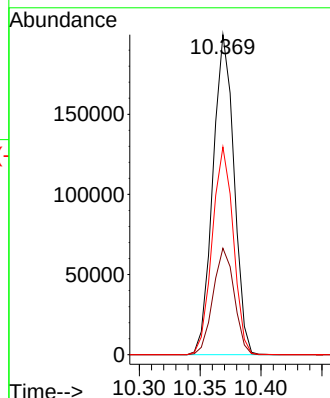
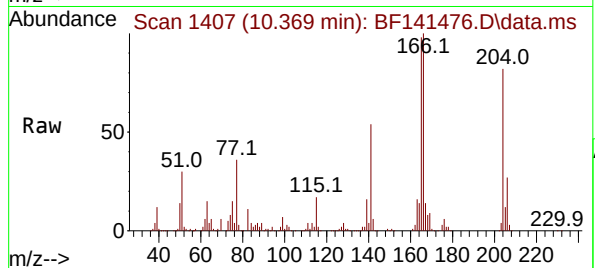




#61
4-Chlorophenyl-phenylether
Concen: 39.767 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

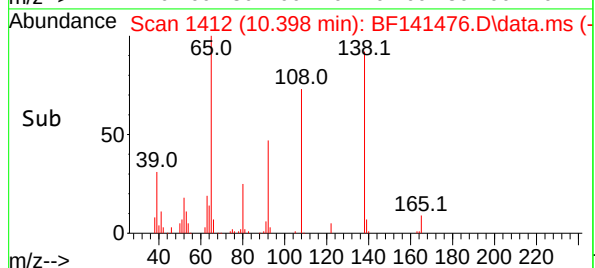
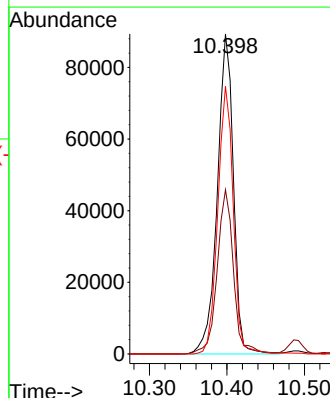
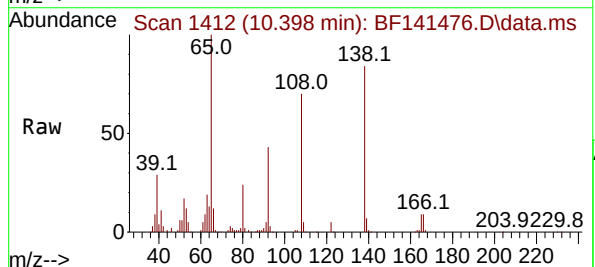
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

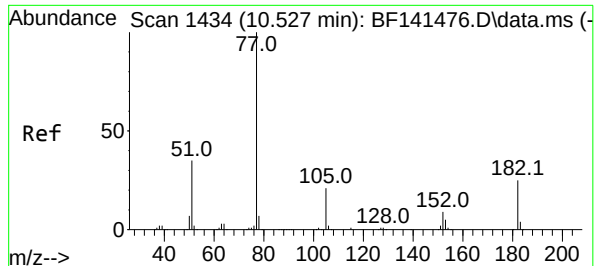
Tgt Ion:204 Resp: 240707
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 64.9 51.9 77.9



#62
4-Nitroaniline
Concen: 41.253 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:138 Resp: 129392
Ion Ratio Lower Upper
138 100
92 51.3 31.3 71.3
108 83.7 63.7 103.7

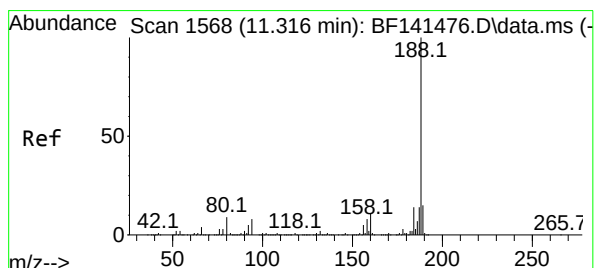
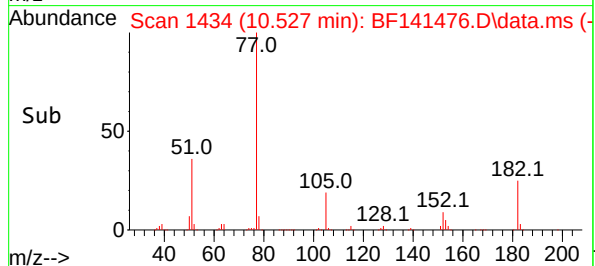
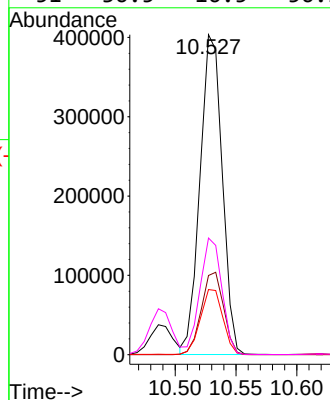
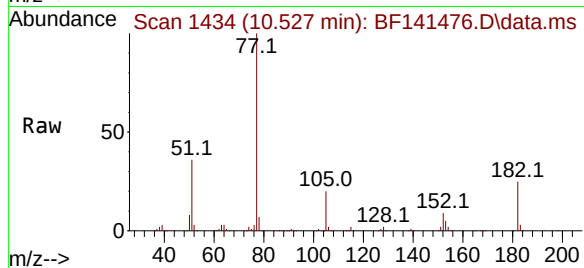




#63
Azobenzene
Concen: 39.926 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

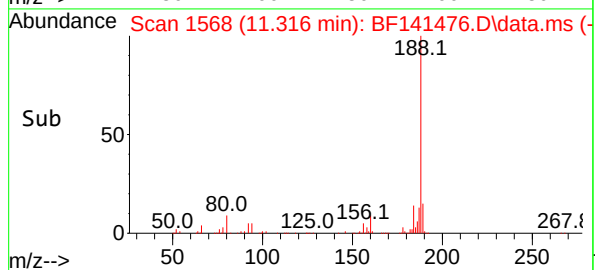
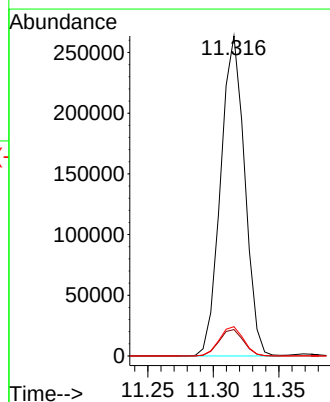
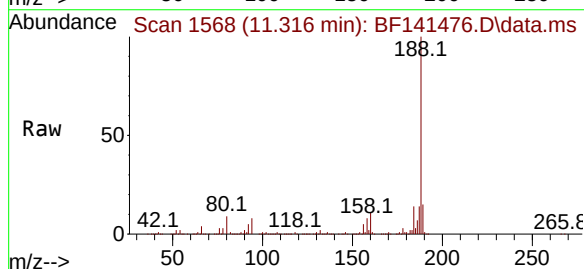
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

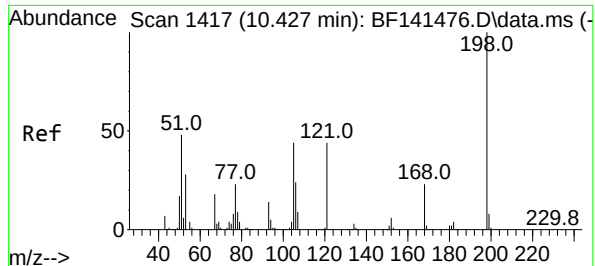
Tgt Ion: 77 Resp: 512692
Ion Ratio Lower Upper
77 100
182 24.7 4.7 44.7
105 20.4 0.4 40.4
51 36.5 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion: 188 Resp: 336425
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.1 7.3 10.9

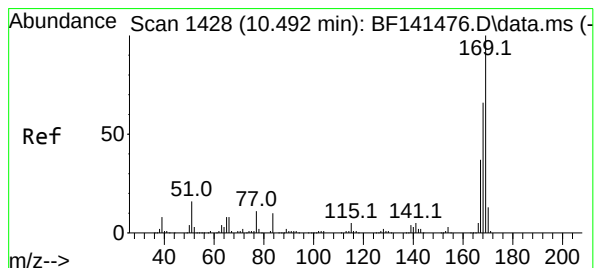
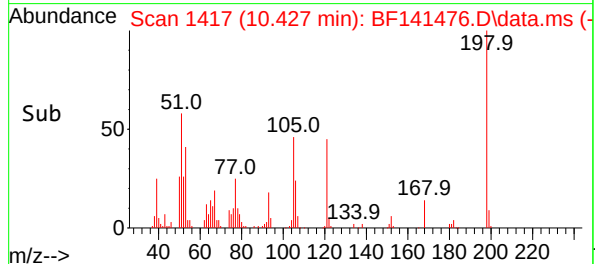
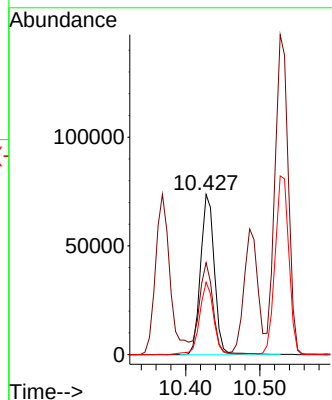
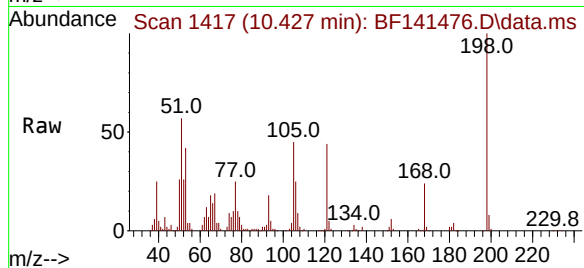




#65
4,6-Dinitro-2-methylphenol
Concen: 40.874 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

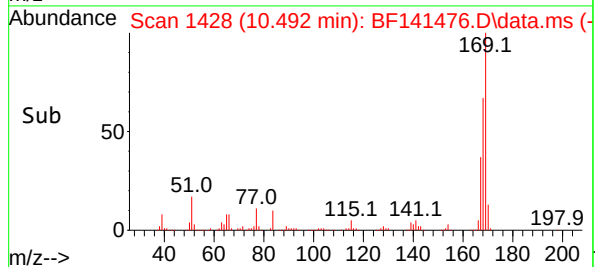
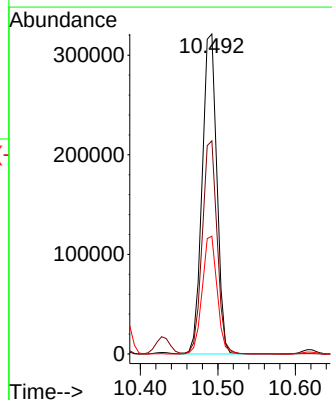
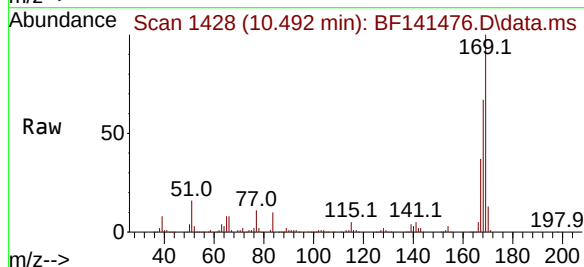
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

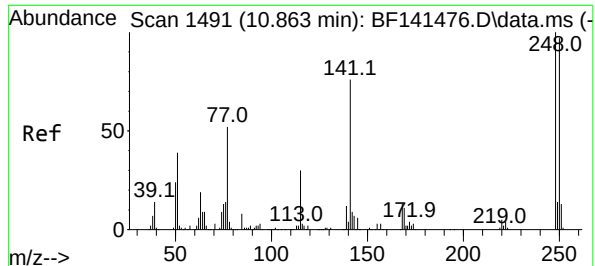
Tgt Ion:198 Resp: 95521
Ion Ratio Lower Upper
198 100
51 57.4 37.4 77.4
105 45.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 39.180 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:169 Resp: 421937
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 36.8 29.4 44.2

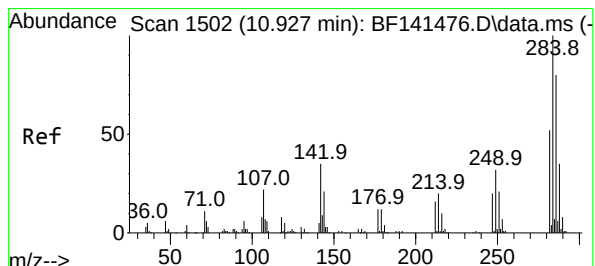
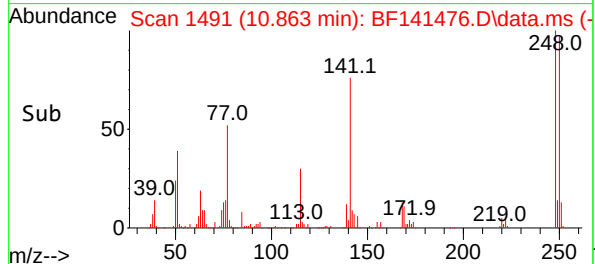
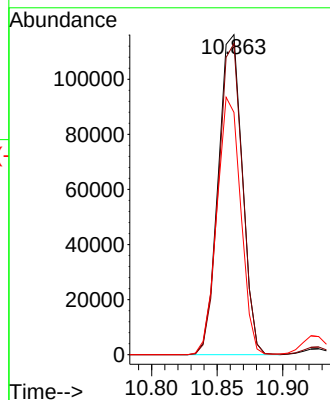
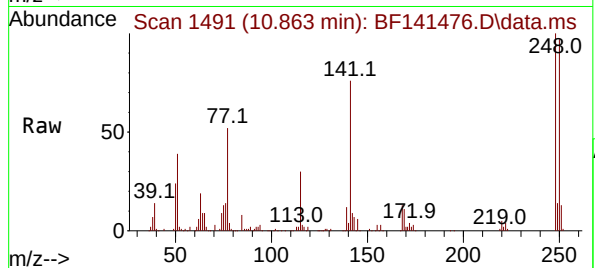




#67
4-Bromophenyl-phenylether
Concen: 39.522 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

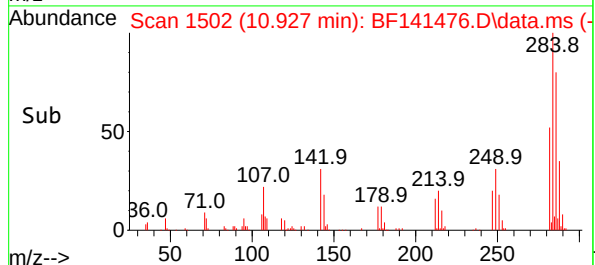
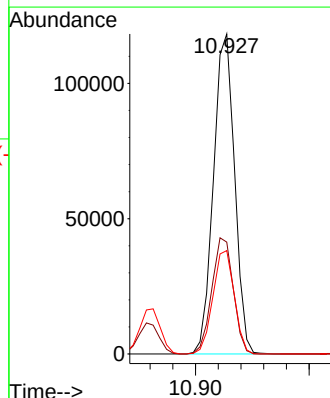
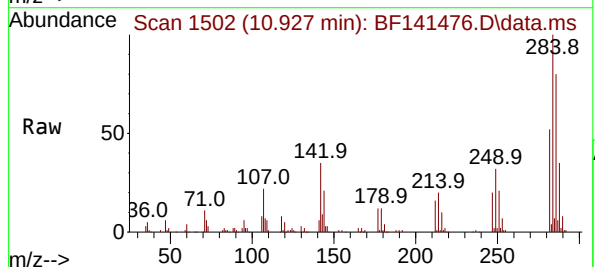
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

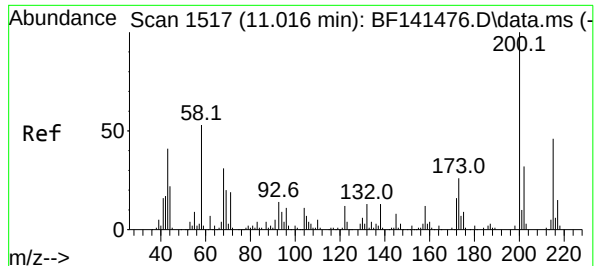
Tgt Ion:248 Resp: 148603
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 75.7 60.6 90.8



#68
Hexachlorobenzene
Concen: 39.430 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:284 Resp: 152664
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 32.3 25.8 38.8

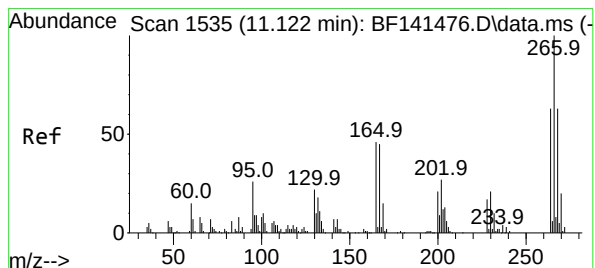
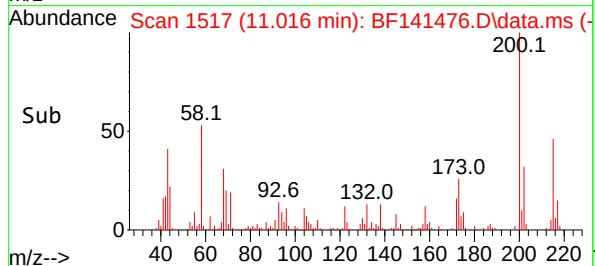
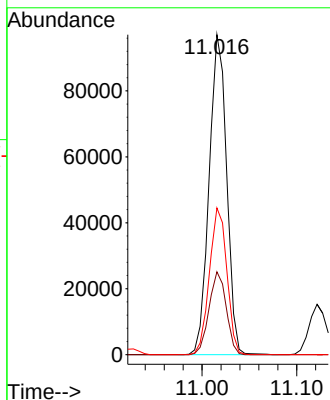
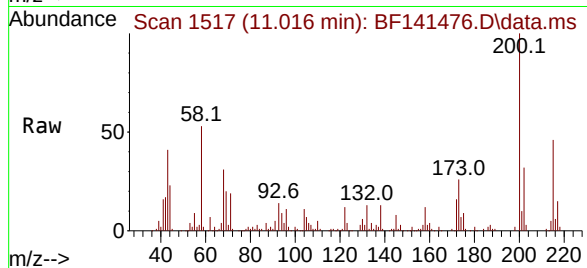




#69
Atrazine
Concen: 38.533 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

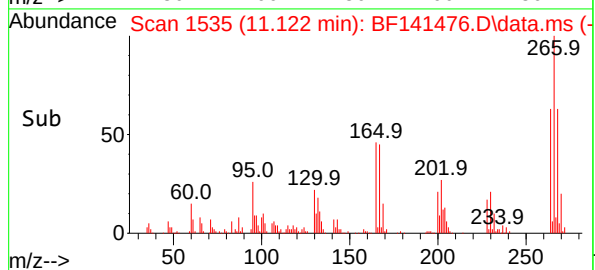
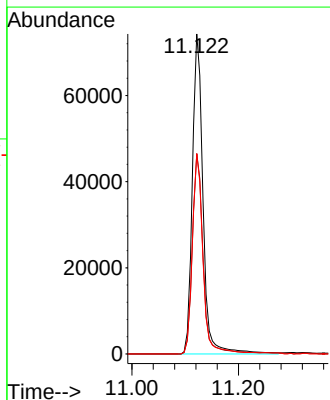
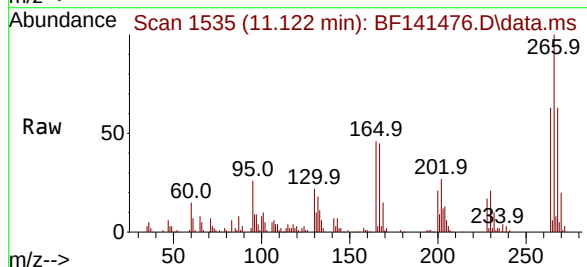
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

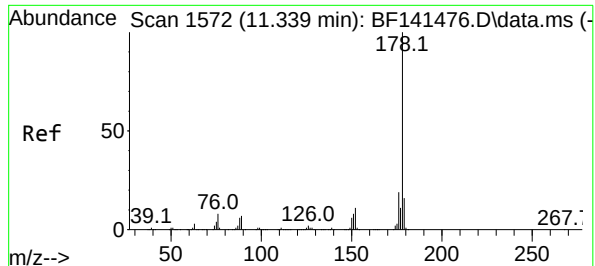
Tgt Ion:200 Resp: 124494
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 45.9 25.9 65.9



#70
Pentachlorophenol
Concen: 41.930 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:266 Resp: 103806
Ion Ratio Lower Upper
266 100
268 62.6 50.1 75.1
264 62.6 50.1 75.1

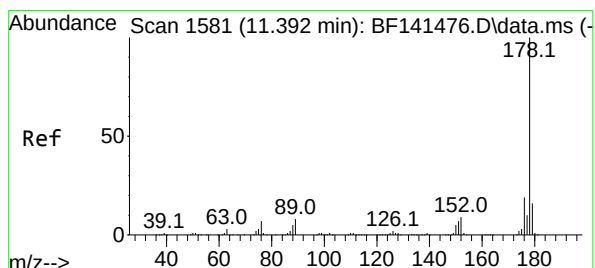
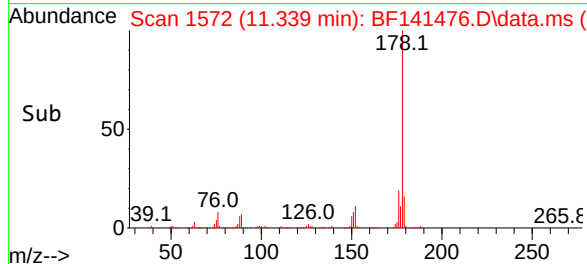
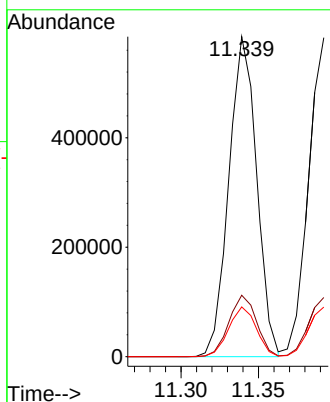
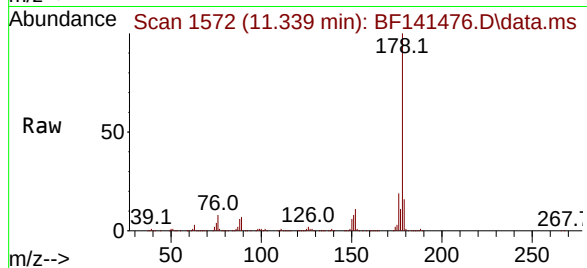




#71
Phenanthrene
Concen: 39.397 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

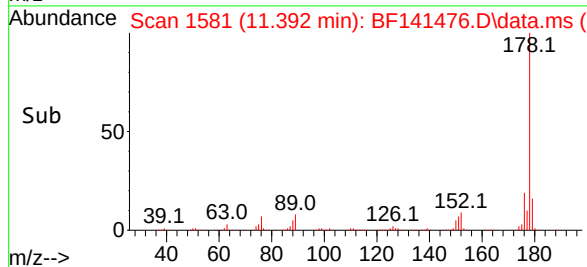
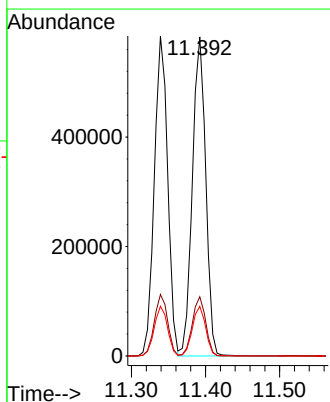
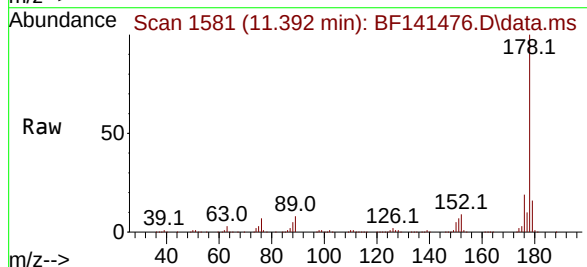
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

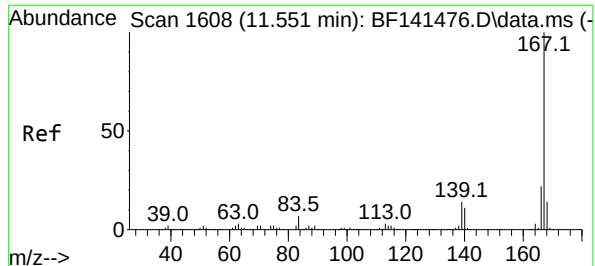
Tgt Ion:178 Resp: 729585
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 39.125 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:178 Resp: 728337
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.4 18.6

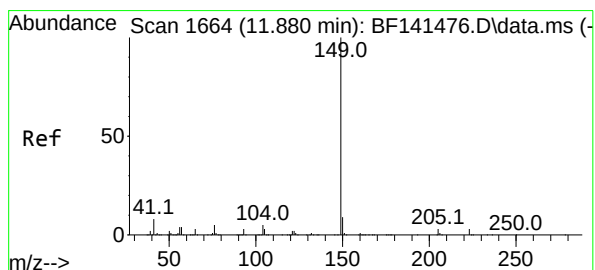
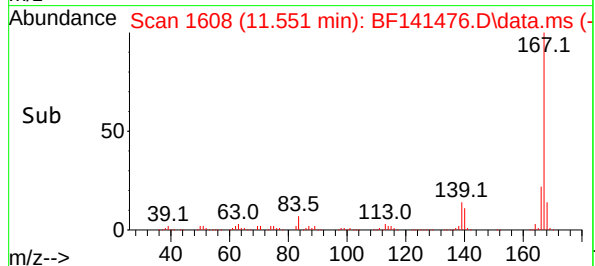
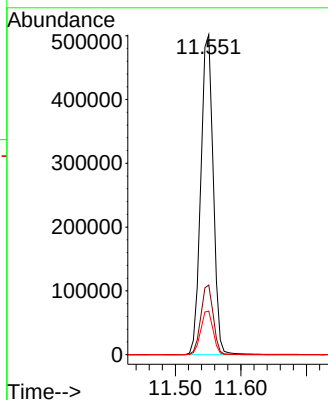
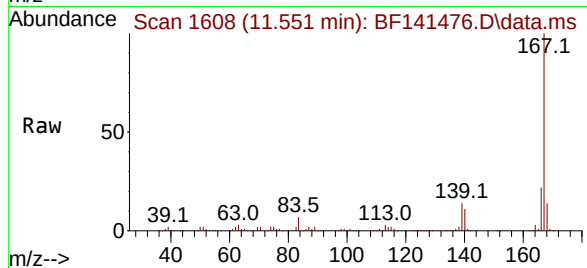




#73
Carbazole
Concen: 39.613 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

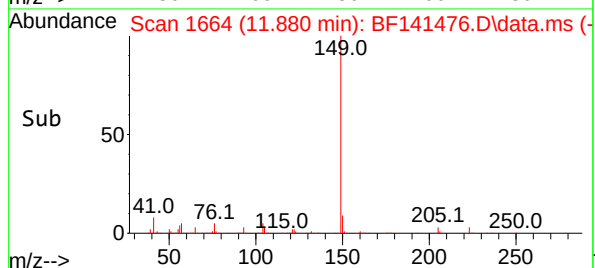
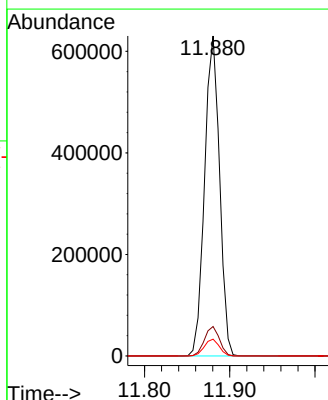
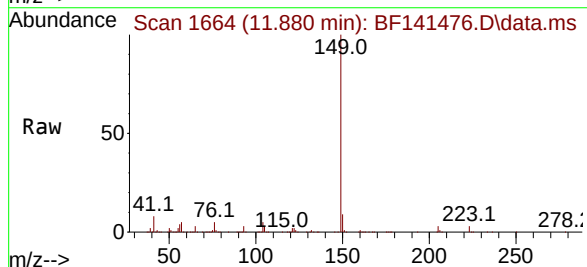
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

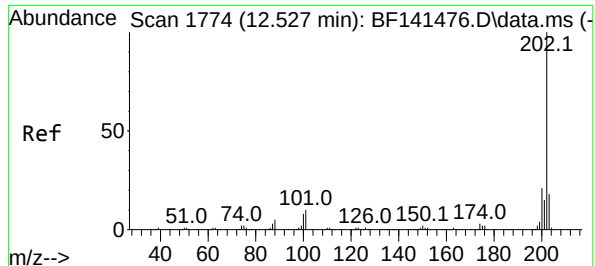
Tgt Ion:167 Resp: 663523
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 39.706 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 767961
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.2 4.2 6.2

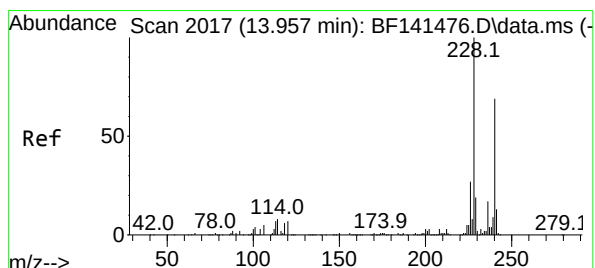
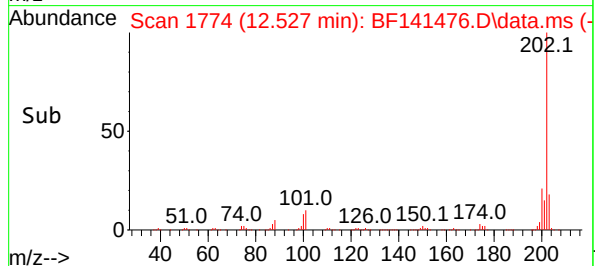
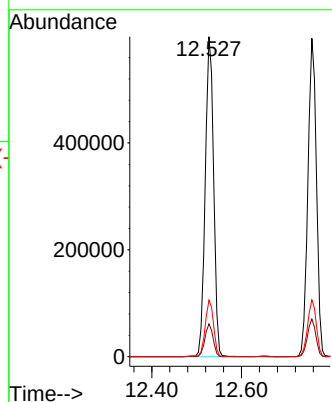
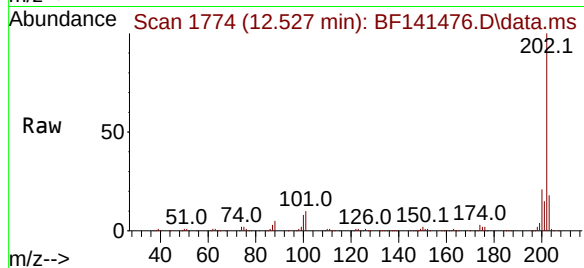




#75
Fluoranthene
Concen: 39.441 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

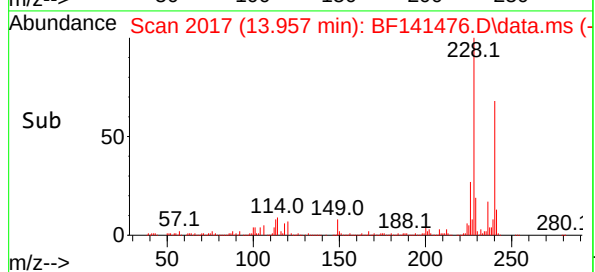
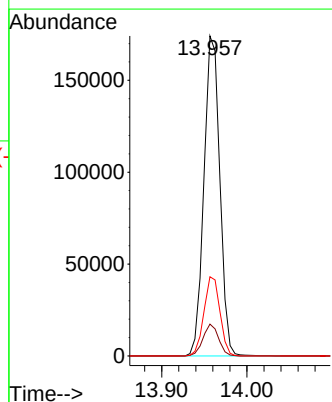
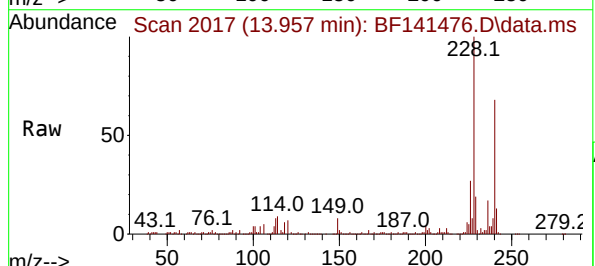
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

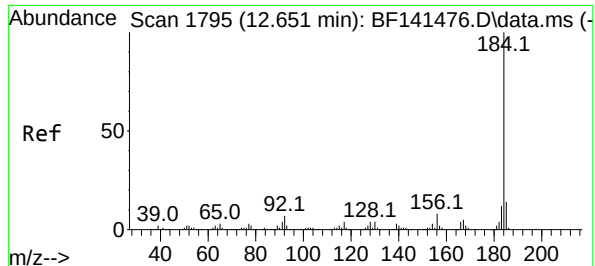
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.2
203	17.6	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	24.8	19.8	29.8

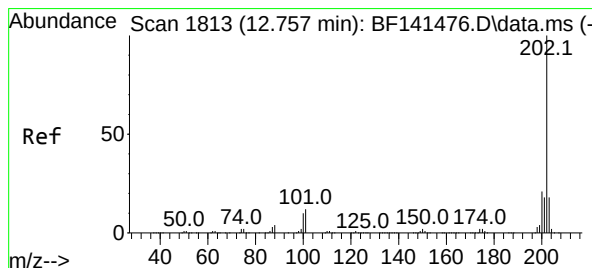
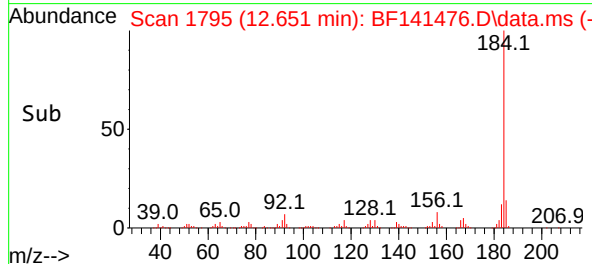
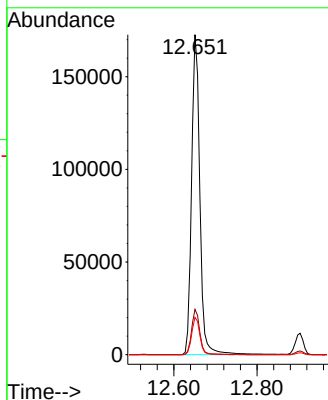
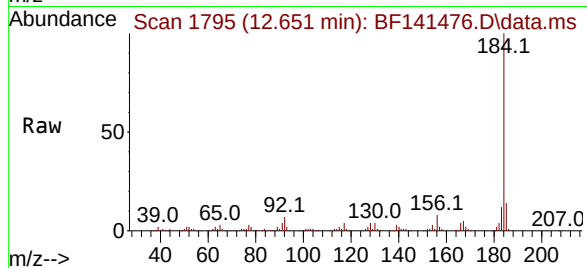




#77
Benzidine
Concen: 47.917 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

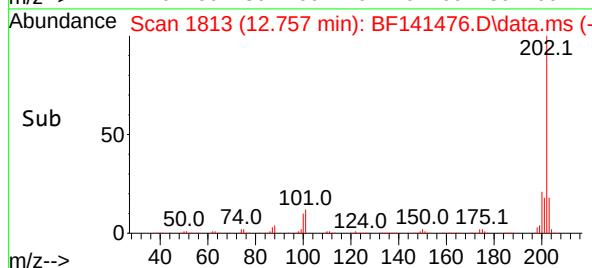
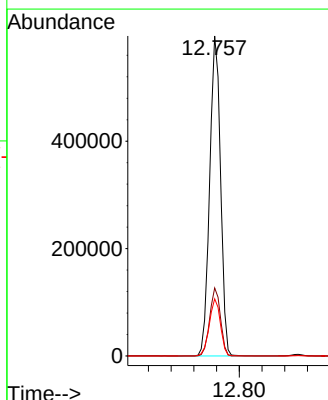
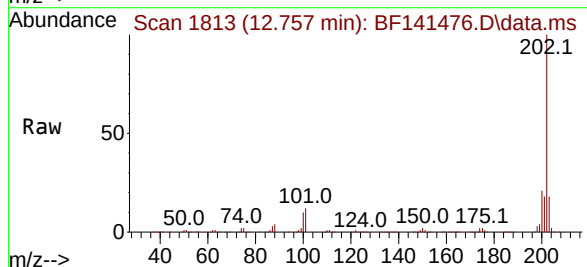
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

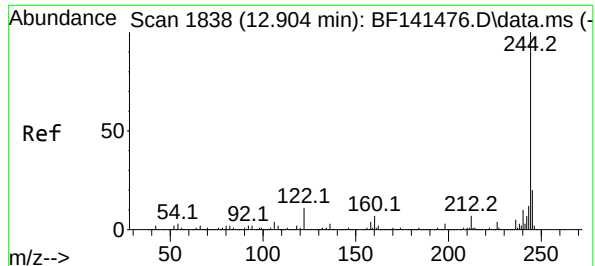
Tgt Ion:184 Resp: 238261
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 41.002 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:202 Resp: 786956
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.3 21.5

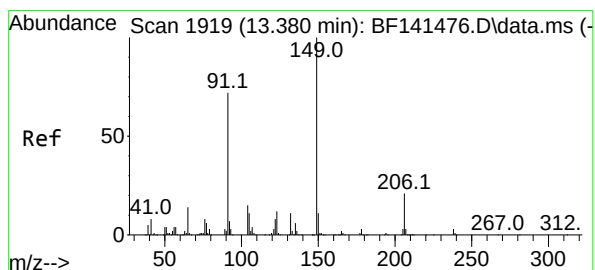
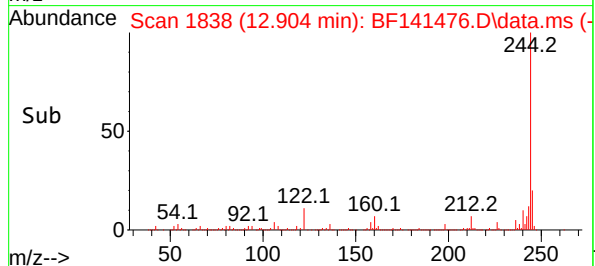
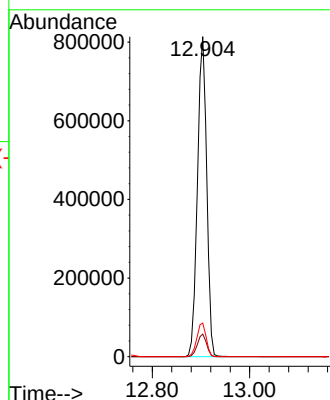
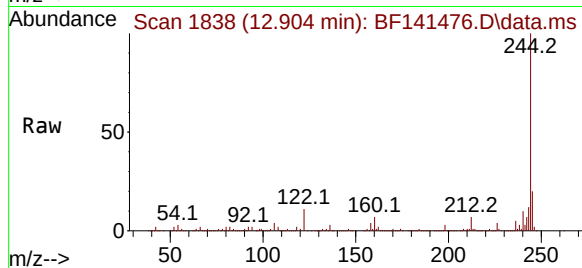




#79
Terphenyl-d14
Concen: 80.879 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

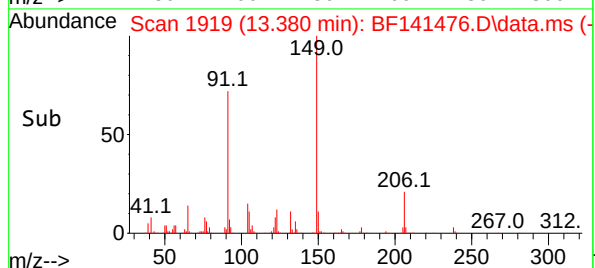
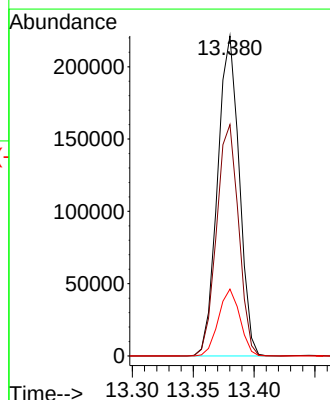
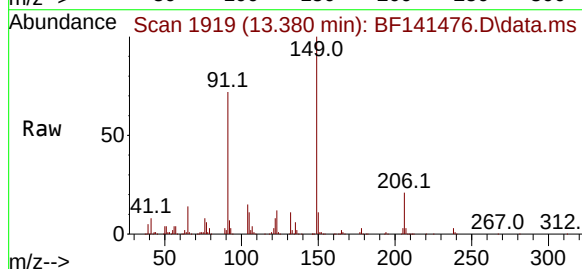
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

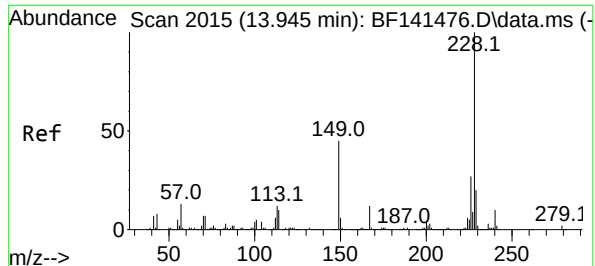
Tgt Ion:244 Resp: 1080174
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.5 8.4 12.6



#80
Butylbenzylphthalate
Concen: 41.323 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 274711
Ion Ratio Lower Upper
149 100
91 72.3 57.8 86.8
206 20.9 16.7 25.1

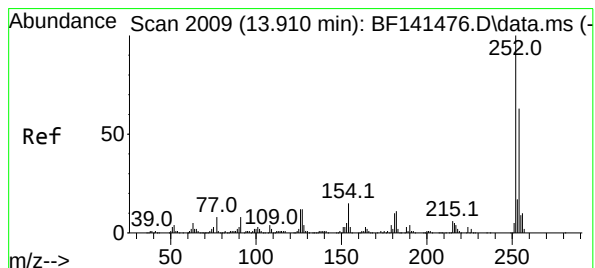
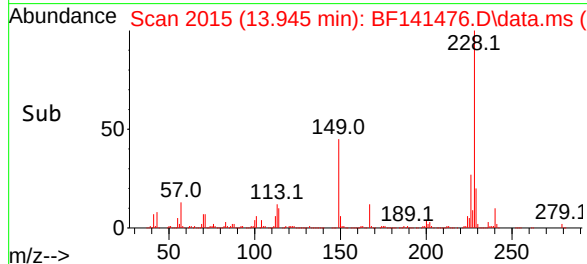
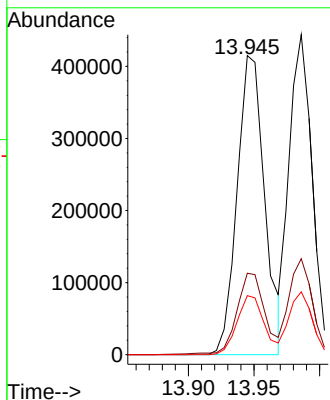
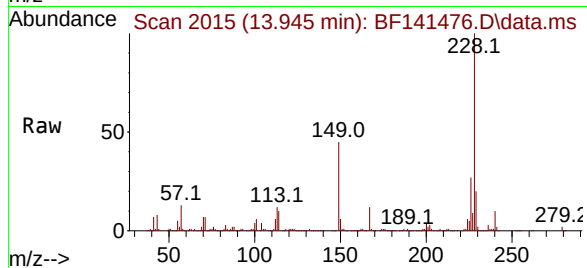




#81
Benzo(a)anthracene
Concen: 40.479 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

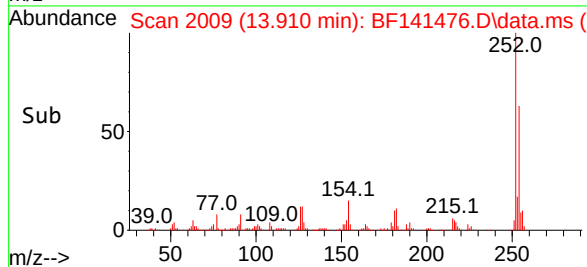
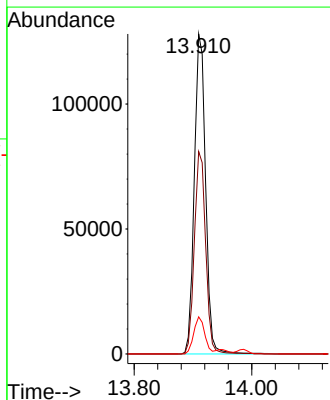
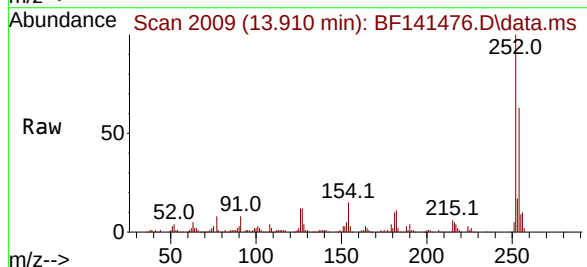
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

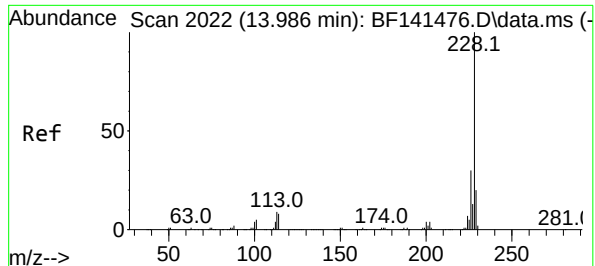
Tgt Ion:228 Resp: 606669
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.640 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:252 Resp: 170181
Ion Ratio Lower Upper
252 100
254 63.3 50.6 76.0
126 11.6 9.3 13.9

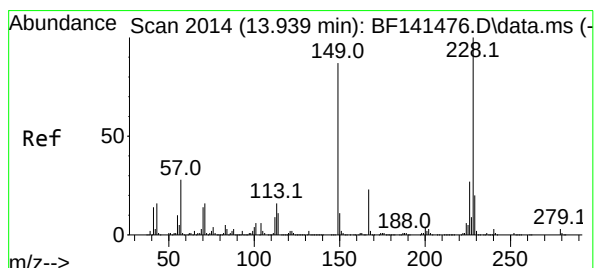
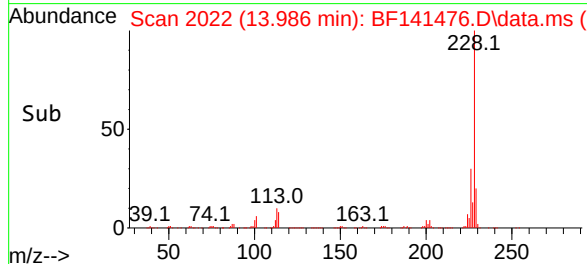
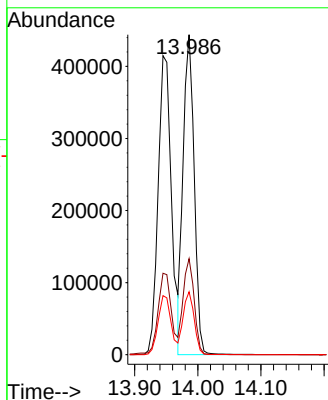
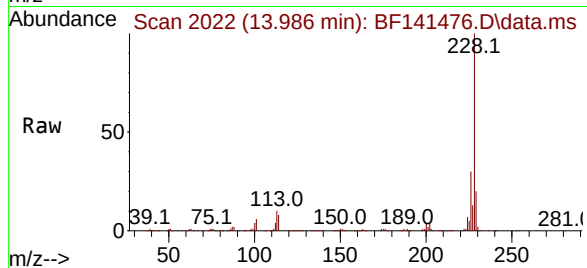




#83
Chrysene
Concen: 39.121 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

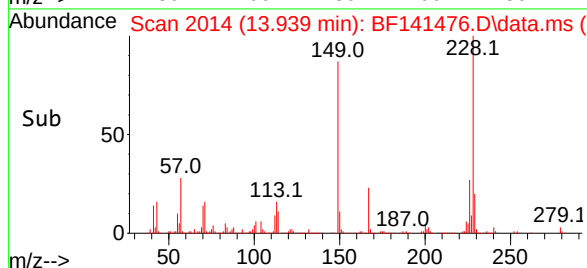
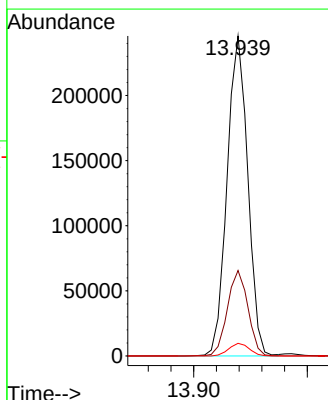
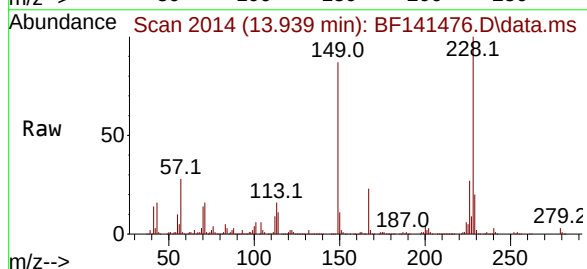
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

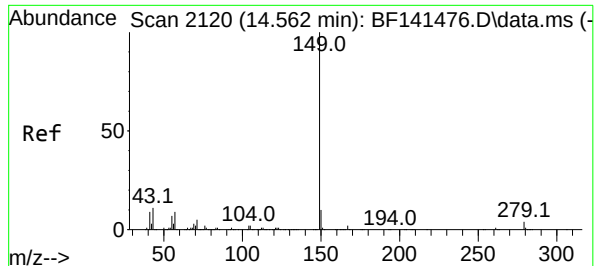
Tgt Ion:228 Resp: 541376
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.438 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion:149 Resp: 310696
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 3.9 3.1 4.7

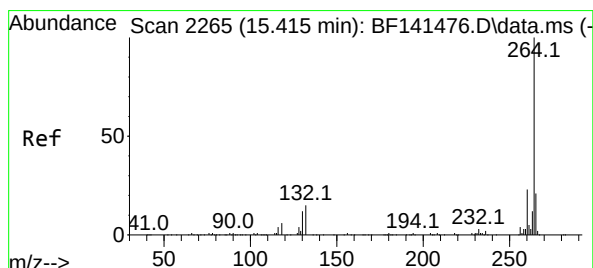
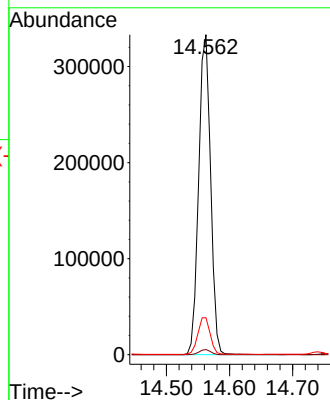
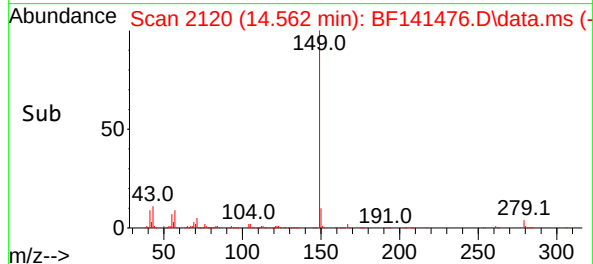
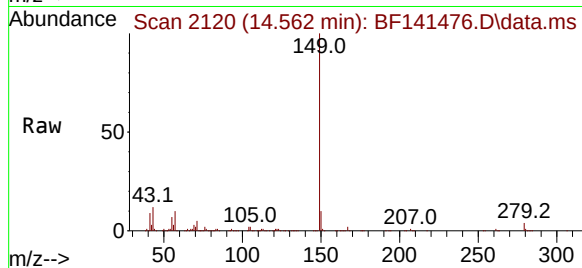




#85
Di-n-octyl phthalate
Concen: 40.682 ng
RT: 14.562 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

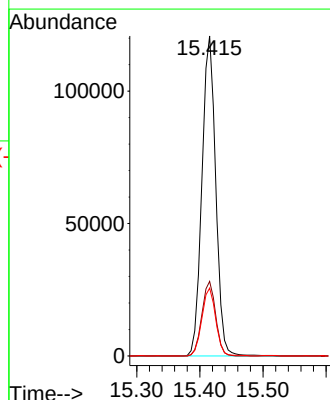
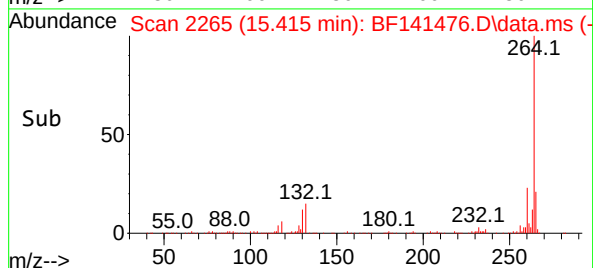
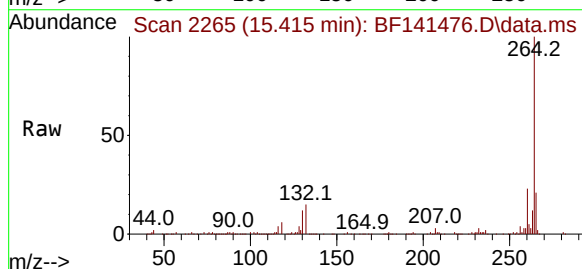
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

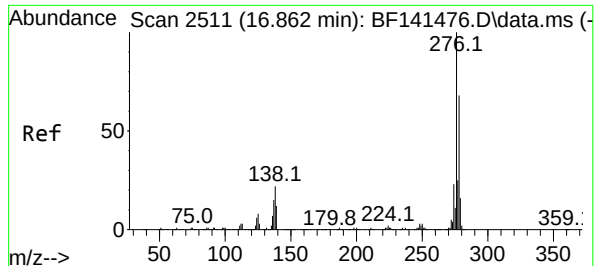
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141476.D
Acq: 06 Feb 2025 12:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.2	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.699 ng

RT: 16.862 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

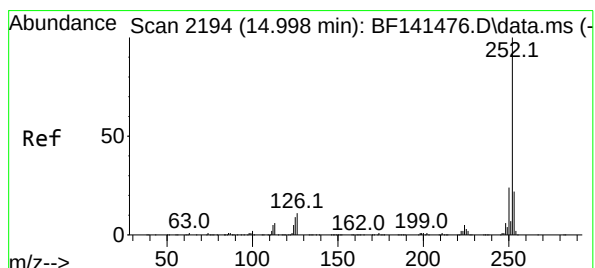
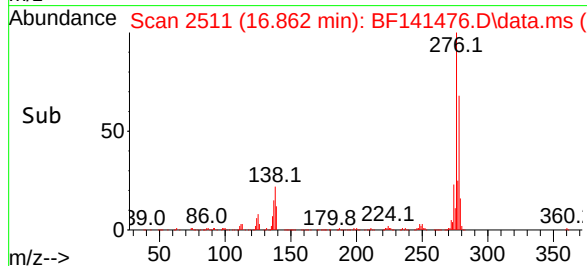
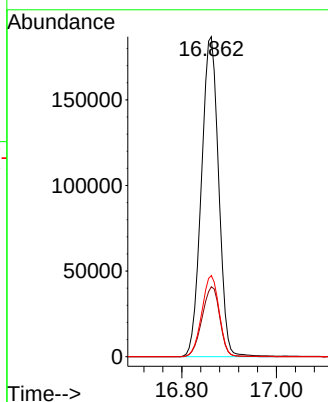
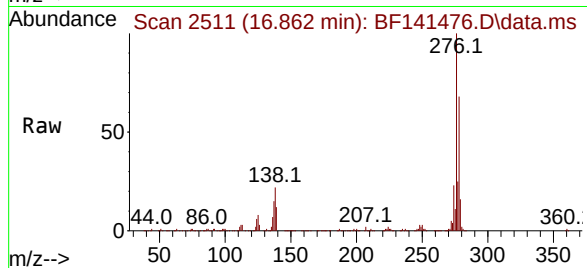
Tgt Ion:276 Resp: 471272

Ion Ratio Lower Upper

276 100

138 22.5 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.783 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

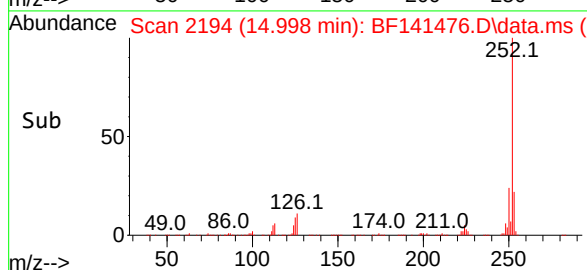
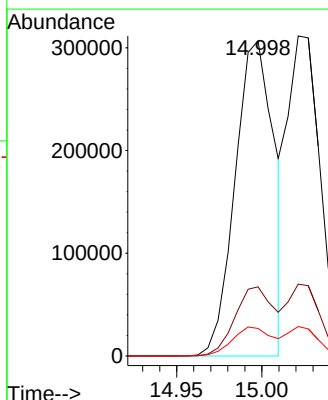
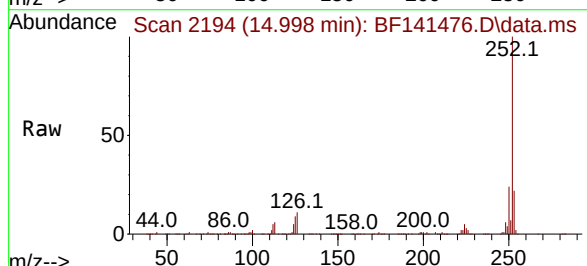
Tgt Ion:252 Resp: 488585

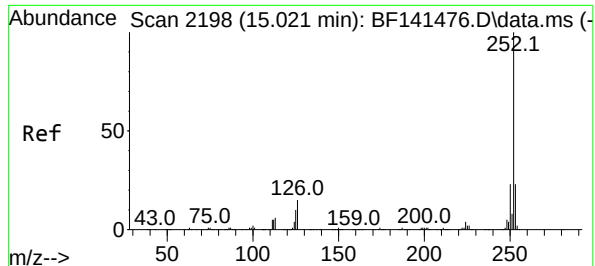
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 39.836 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

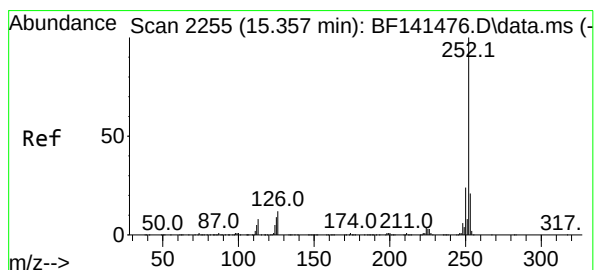
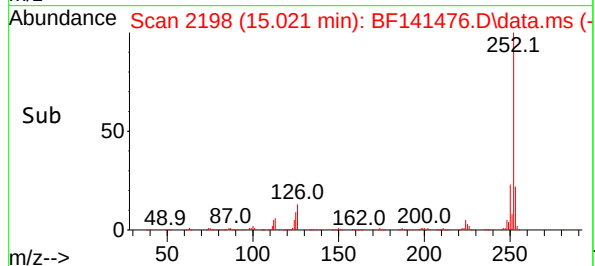
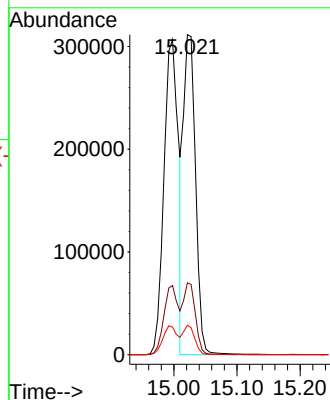
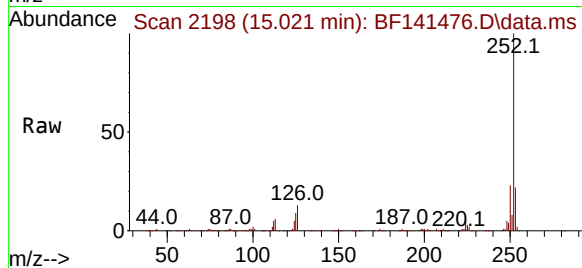
Tgt Ion:252 Resp: 417770

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.767 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

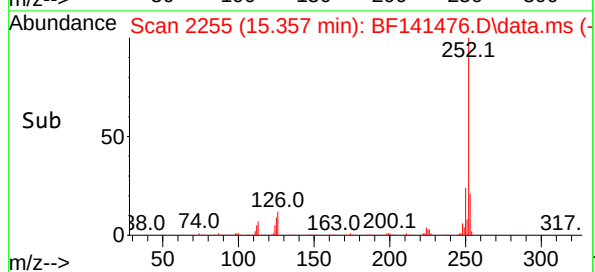
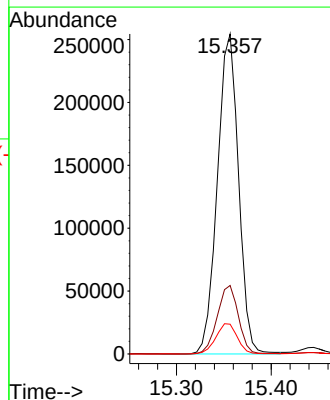
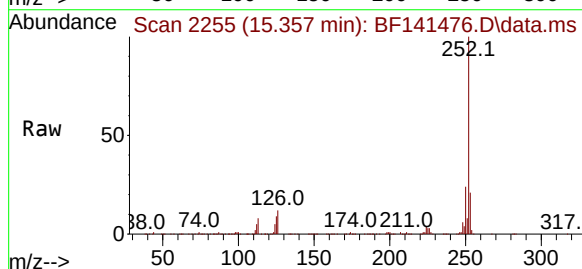
Tgt Ion:252 Resp: 395193

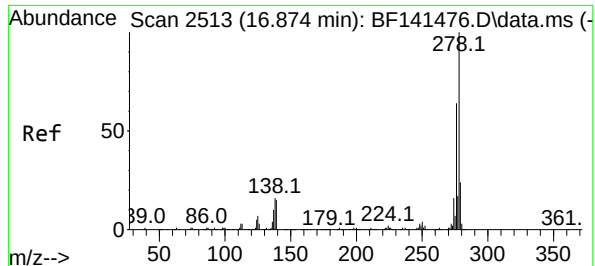
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 9.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 42.001 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.018 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

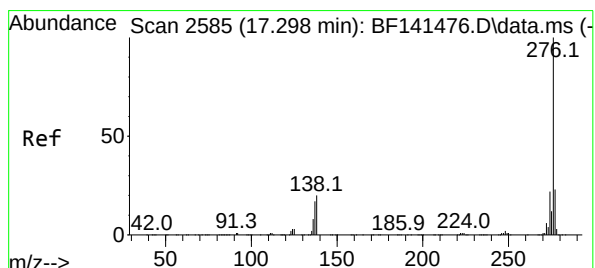
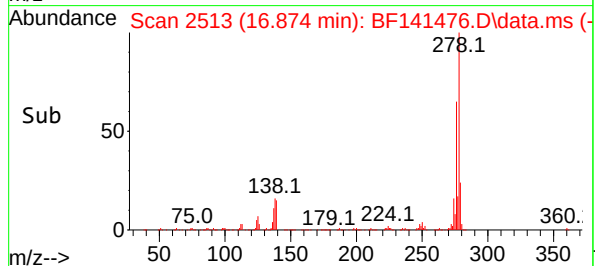
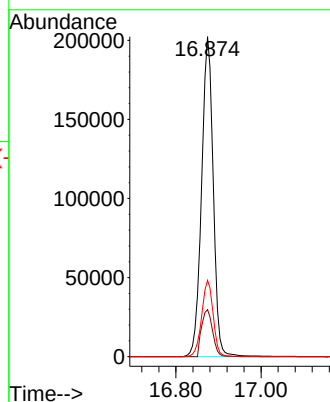
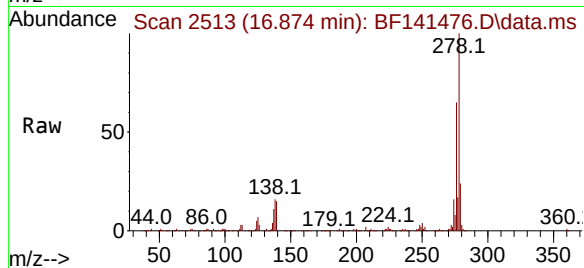
Tgt Ion:278 Resp: 384623

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.6

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.992 ng

RT: 17.298 min Scan# 2585

Delta R.T. -0.018 min

Lab File: BF141476.D

Acq: 06 Feb 2025 12:55

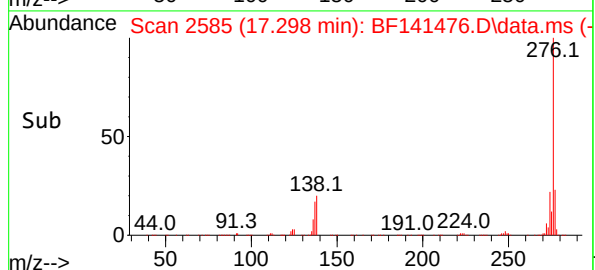
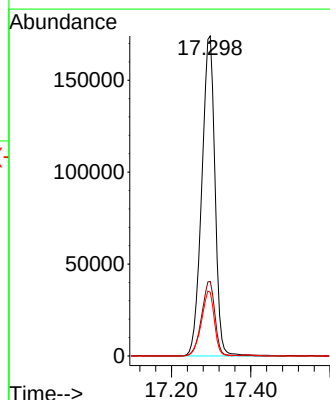
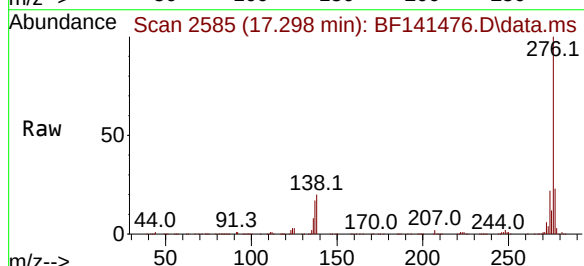
Tgt Ion:276 Resp: 402413

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 19.9 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141477.D
 Acq On : 06 Feb 2025 13:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 06 16:00:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	87860	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	347298	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190523	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	323702	20.000	ng	0.00
76) Chrysene-d12	13.963	240	205879	20.000	ng	0.00
86) Perylene-d12	15.415	264	174906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	559309	99.801	ng	0.00
7) Phenol-d6	6.434	99	702435	99.168	ng	0.00
23) Nitrobenzene-d5	7.357	82	657106	98.686	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	189178	98.845	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1182292	95.605	ng	0.00
79) Terphenyl-d14	12.904	244	1244053	102.010	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	110258	48.882	ng	98
3) Pyridine	3.210	79	275985	51.419	ng	100
4) n-Nitrosodimethylamine	3.169	42	183299	51.575	ng	97
6) Aniline	6.457	93	330719	49.774	ng	86
8) 2-Chlorophenol	6.581	128	300380	49.604	ng	98
9) Benzaldehyde	6.340	77	164133	43.605	ng	99
10) Phenol	6.445	94	364380	49.425	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	274892	49.643	ng	98
12) 1,3-Dichlorobenzene	6.728	146	316493	49.506	ng	98
13) 1,4-Dichlorobenzene	6.810	146	321786	49.264	ng	98
14) 1,2-Dichlorobenzene	6.963	146	296834	48.964	ng	99
15) Benzyl Alcohol	6.934	79	274040	50.451	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	465332	49.091	ng	97
17) 2-Methylphenol	7.051	107	232571	49.081	ng	100
18) Hexachloroethane	7.298	117	122071	50.498	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	207915	49.072	ng	98
20) 3+4-Methylphenols	7.204	107	295179	49.011	ng	96
22) Acetophenone	7.204	105	419759	48.588	ng	99
24) Nitrobenzene	7.375	77	320155	49.308	ng	100
25) Isophorone	7.616	82	521533	49.123	ng	99
26) 2-Nitrophenol	7.692	139	164623	50.962	ng	96
27) 2,4-Dimethylphenol	7.734	122	189037	50.093	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	336274	49.430	ng	100
29) 2,4-Dichlorophenol	7.939	162	251518	49.328	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	270897	48.788	ng	99
31) Naphthalene	8.098	128	878692	48.605	ng	100
32) Benzoic acid	7.863	122	202728	51.719	ng	99
33) 4-Chloroaniline	8.151	127	312251	49.471	ng	99
34) Hexachlorobutadiene	8.210	225	163240	48.971	ng	99
35) Caprolactam	8.522	113	76350	49.180	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	280911	49.736	ng	99
37) 2-Methylnaphthalene	8.786	142	572244	48.643	ng	99
38) 1-Methylnaphthalene	8.886	142	553503	48.579	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	266614	48.369	ng	98
41) Hexachlorocyclopentadiene	8.939	237	97674	53.276	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	177503	49.825	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141477.D
 Acq On : 06 Feb 2025 13:21
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

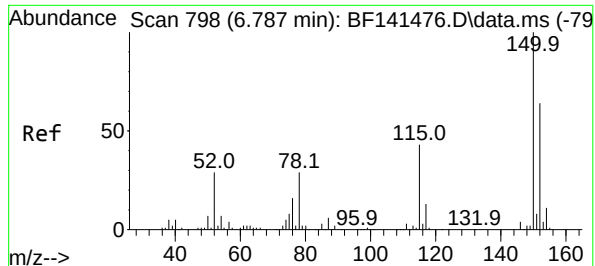
Quant Time: Feb 06 16:00:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	187902	48.667	ng	96
46) 1,1'-Biphenyl	9.251	154	722373	48.905	ng	100
47) 2-Chloronaphthalene	9.275	162	530577	48.576	ng	100
48) 2-Nitroaniline	9.375	65	181860	49.612	ng	99
49) Acenaphthylene	9.692	152	790730	48.672	ng	99
50) Dimethylphthalate	9.557	163	630673	48.760	ng	99
51) 2,6-Dinitrotoluene	9.616	165	140697	49.760	ng	98
52) Acenaphthene	9.863	154	527828	48.327	ng	100
53) 3-Nitroaniline	9.786	138	152426	50.087	ng	99
54) 2,4-Dinitrophenol	9.892	184	87953	52.339	ng	97
55) Dibenzofuran	10.033	168	777905	48.523	ng	100
56) 4-Nitrophenol	9.957	139	118835	52.603	ng	99
57) 2,4-Dinitrotoluene	10.022	165	185741	49.346	ng	98
58) Fluorene	10.380	166	590000	47.597	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	165559	49.807	ng	98
60) Diethylphthalate	10.251	149	619064	48.647	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	286530	48.048	ng	99
62) 4-Nitroaniline	10.404	138	151765	49.113	ng	99
63) Azobenzene	10.533	77	616638	48.742	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	114725	51.021	ng	97
66) n-Nitrosodiphenylamine	10.492	169	505770	48.810	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	177761	49.135	ng	98
68) Hexachlorobenzene	10.927	284	180930	48.567	ng	98
69) Atrazine	11.022	200	149758	48.175	ng	98
70) Pentachlorophenol	11.122	266	128081	53.769	ng	99
71) Phenanthrene	11.339	178	866517	48.631	ng	100
72) Anthracene	11.392	178	877393	48.984	ng	99
73) Carbazole	11.551	167	781733	48.504	ng	100
74) Di-n-butylphthalate	11.880	149	915782	49.210	ng	100
75) Fluoranthene	12.527	202	913699	48.367	ng	100
77) Benzidine	12.651	184	222606	49.026	ng	99
78) Pyrene	12.757	202	913198	52.106	ng	100
80) Butylbenzylphthalate	13.380	149	310612	51.168	ng	99
81) Benzo(a)anthracene	13.951	228	673785	49.234	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	186802	47.650	ng	98
83) Chrysene	13.986	228	625572	49.505	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	350121	51.138	ng	100
85) Di-n-octyl phthalate	14.563	149	519741	53.213	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	586584	54.277	ng	99
88) Benzo(b)fluoranthene	14.998	252	590149	50.251	ng	99
89) Benzo(k)fluoranthene	15.027	252	469466	46.814	ng	100
90) Benzo(a)pyrene	15.357	252	467288	49.173	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	477285	54.503	ng	99
92) Benzo(g,h,i)perylene	17.304	276	500274	54.592	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

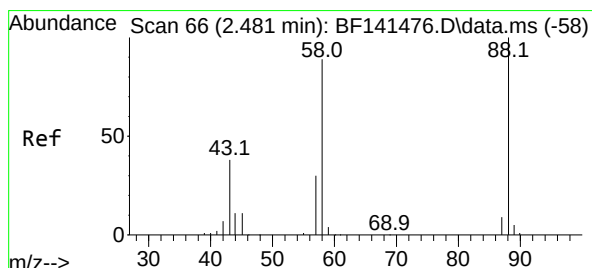
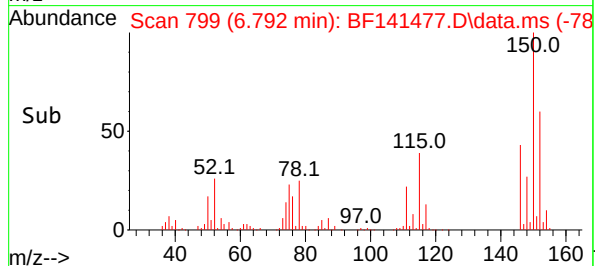
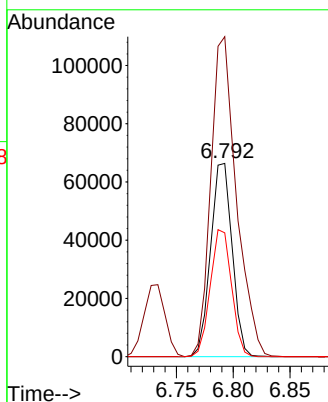
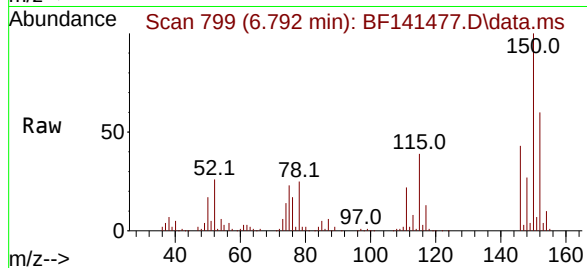
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

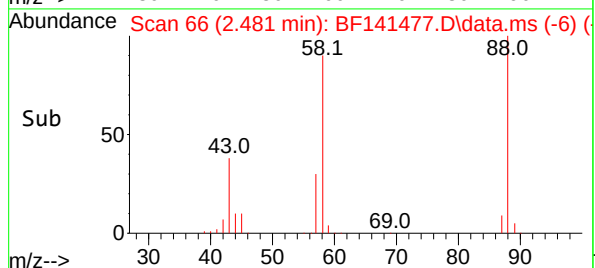
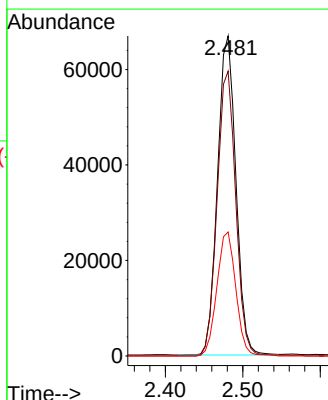
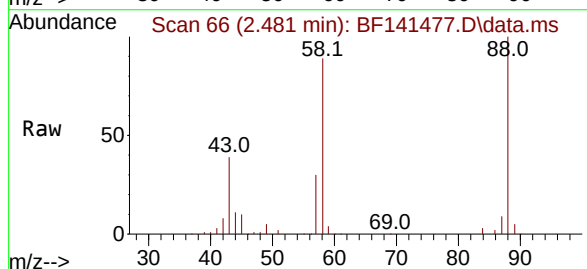
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

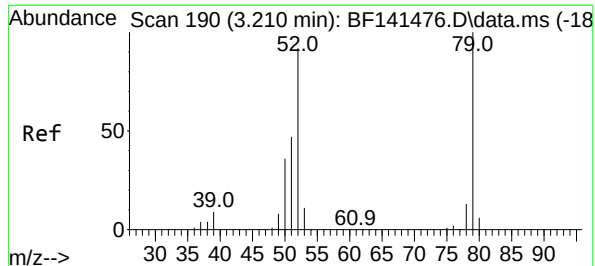
Tgt Ion:152 Resp: 87860
Ion Ratio Lower Upper
152 100
150 165.6 125.0 187.4
115 64.1 53.6 80.4



#2
1,4-Dioxane
Concen: 48.882 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 88 Resp: 110258
Ion Ratio Lower Upper
88 100
58 90.6 71.1 106.7
43 40.1 30.6 46.0

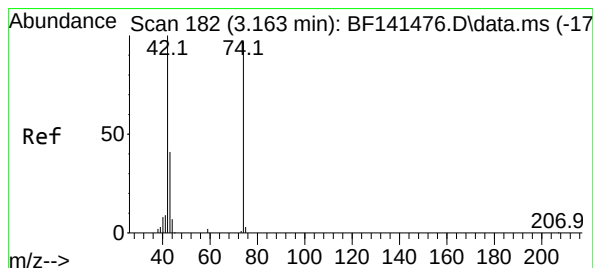
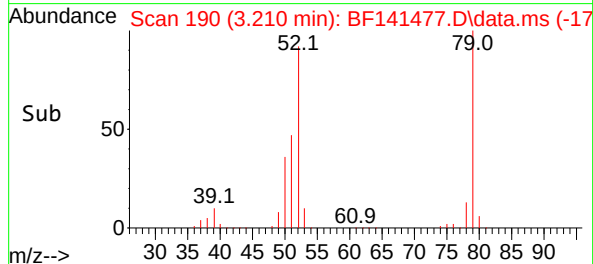
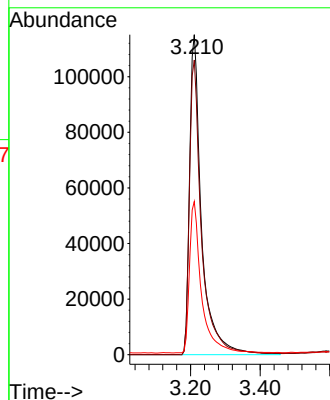
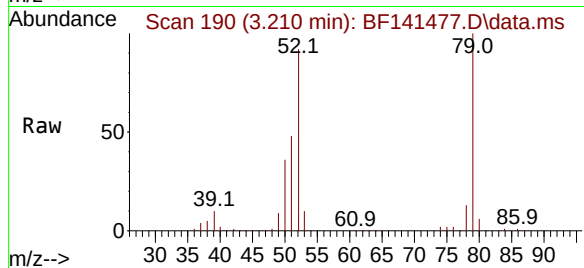




#3
Pyridine
Concen: 51.419 ng
RT: 3.210 min Scan# 190
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

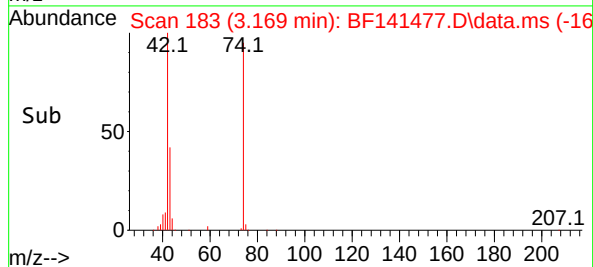
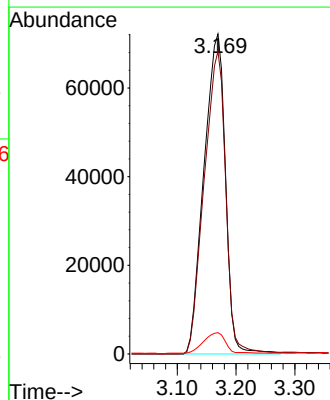
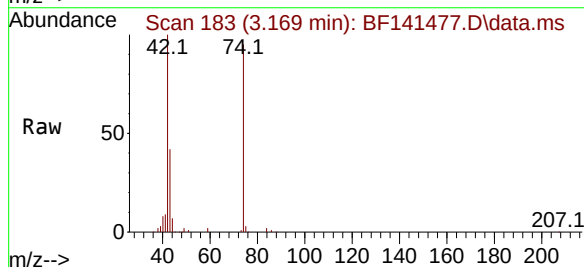
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

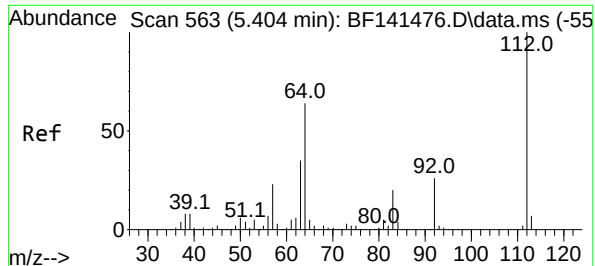
Tgt Ion: 79 Resp: 275985
Ion Ratio Lower Upper
79 100
52 92.1 73.7 110.5
51 47.9 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 51.575 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.018 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 42 Resp: 183299
Ion Ratio Lower Upper
42 100
74 94.6 78.0 117.0
44 6.7 5.4 8.2

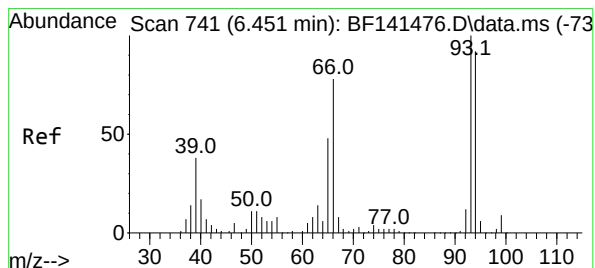
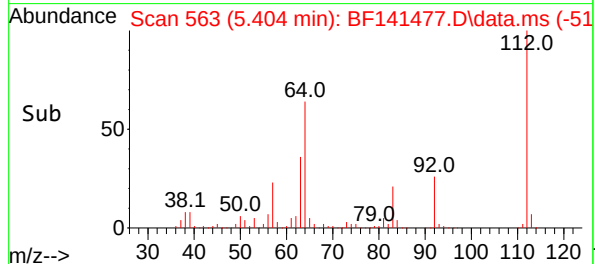
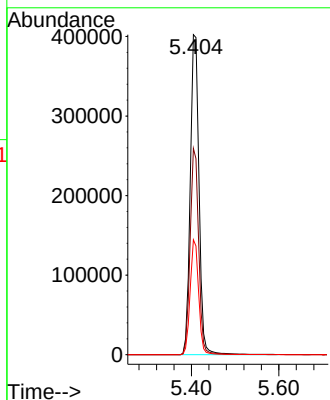
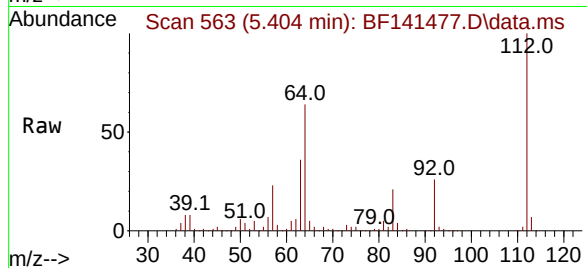




#5
2-Fluorophenol
Concen: 99.801 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

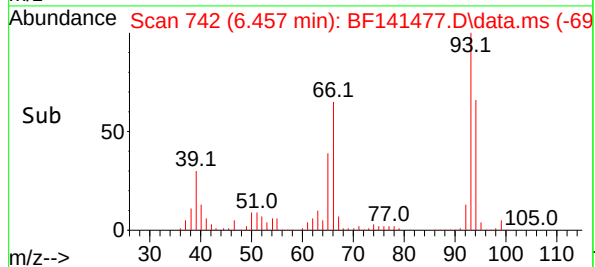
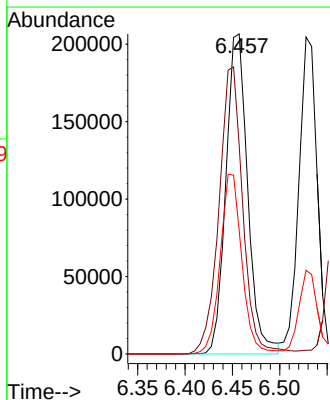
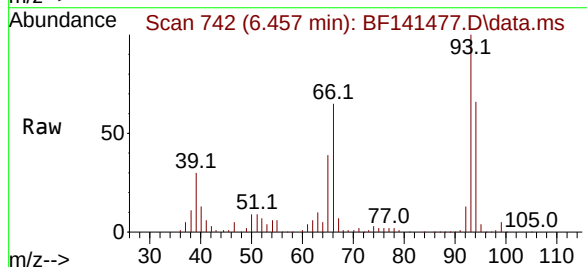
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

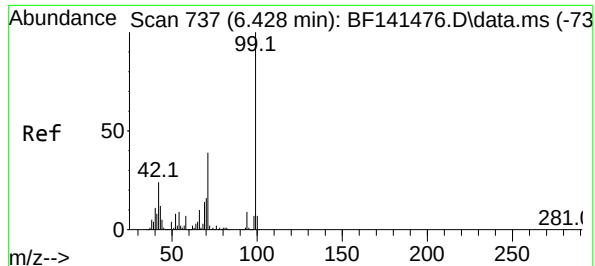
Tgt Ion:112 Resp: 559309
Ion Ratio Lower Upper
112 100
64 64.4 51.1 76.7
63 35.9 28.4 42.6



#6
Aniline
Concen: 49.774 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 93 Resp: 330719
Ion Ratio Lower Upper
93 100
66 65.4 62.6 94.0
65 38.7 38.3 57.5

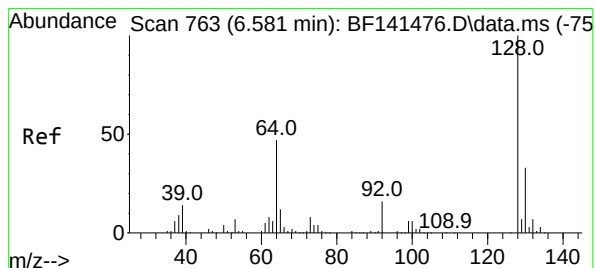
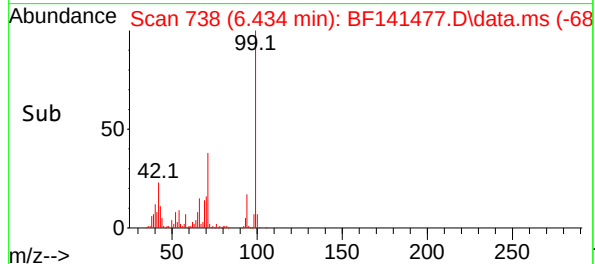
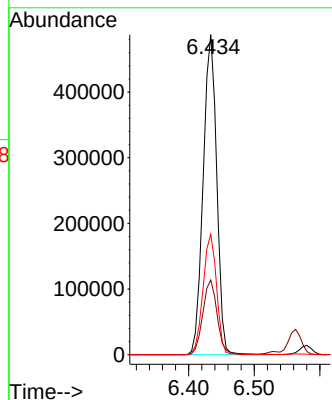
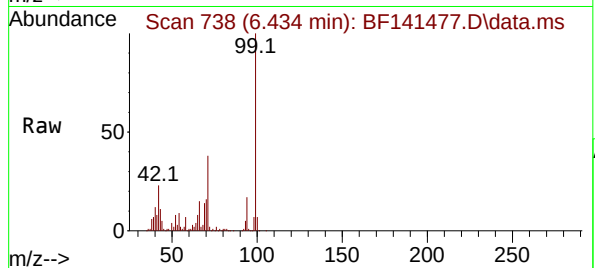




#7
Phenol-d6
Concen: 99.168 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

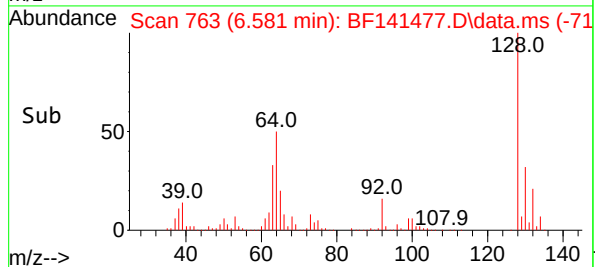
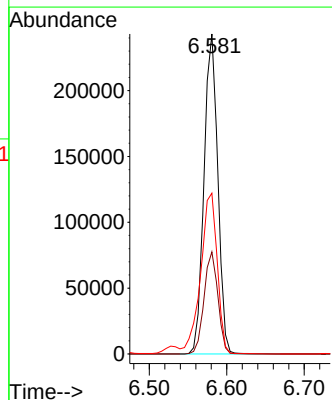
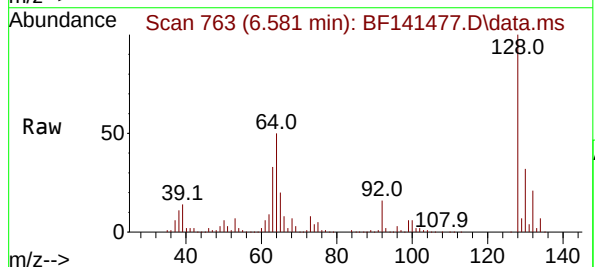
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

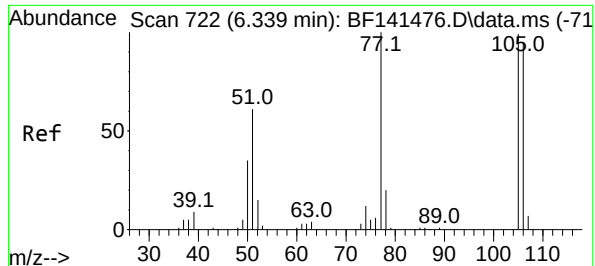
Tgt Ion: 99 Resp: 702435
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.6 31.1 46.7



#8
2-Chlorophenol
Concen: 49.604 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 128 Resp: 300380
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 50.3 28.3 68.3

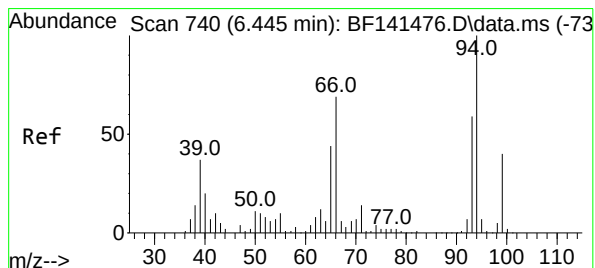
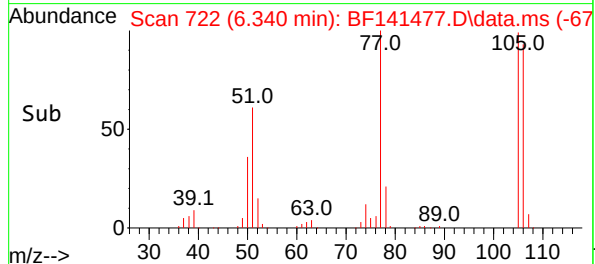
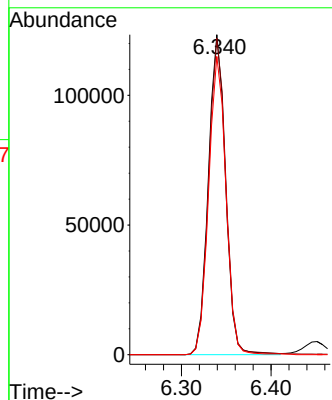
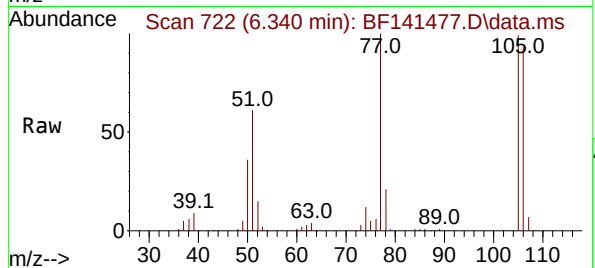




#9
Benzaldehyde
Concen: 43.605 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

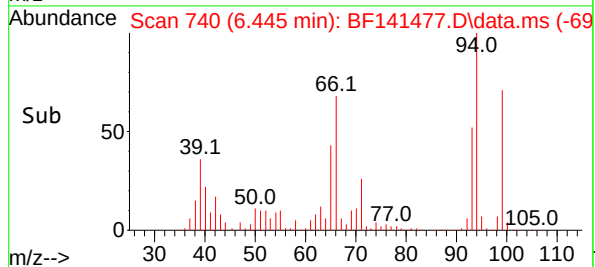
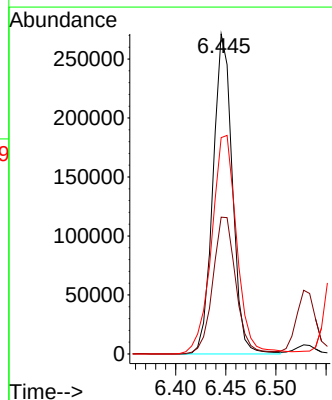
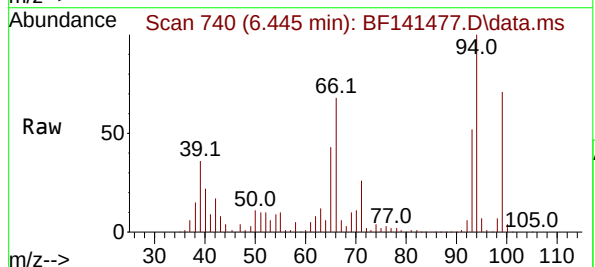
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

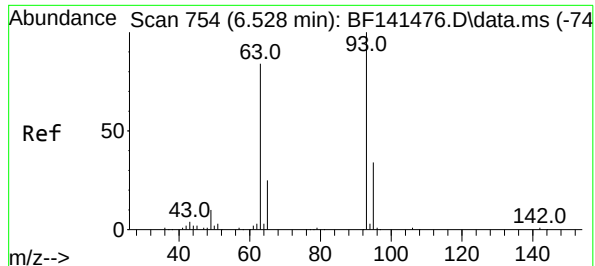
Tgt Ion: 77 Resp: 164133
Ion Ratio Lower Upper
77 100
105 98.9 79.4 119.4
106 93.2 75.1 115.1



#10
Phenol
Concen: 49.425 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 94 Resp: 364380
Ion Ratio Lower Upper
94 100
65 42.8 23.7 63.7
66 67.6 49.3 89.3

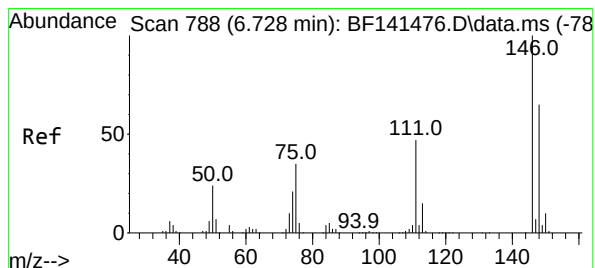
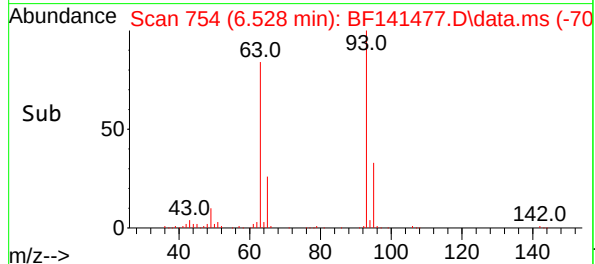
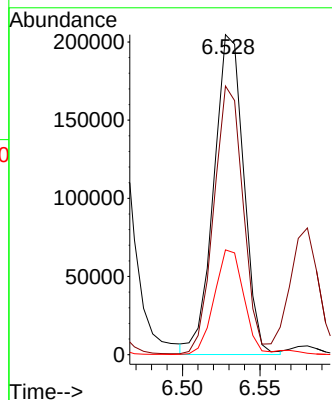
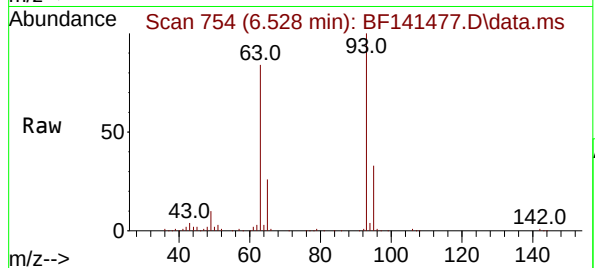




#11
bis(2-Chloroethyl)ether
Concen: 49.643 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

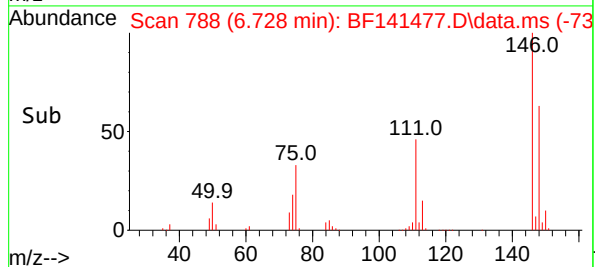
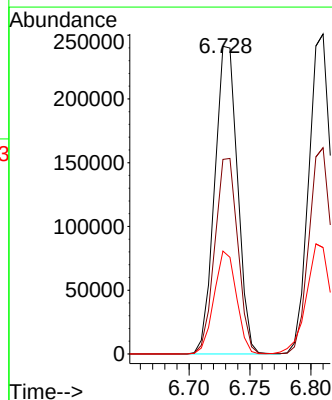
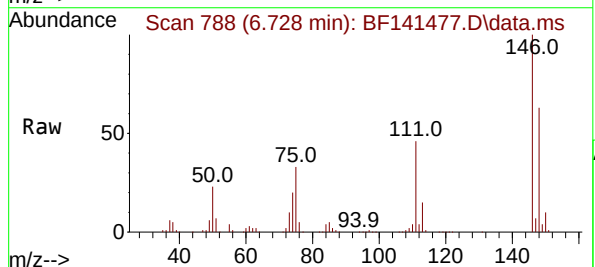
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BNA_F
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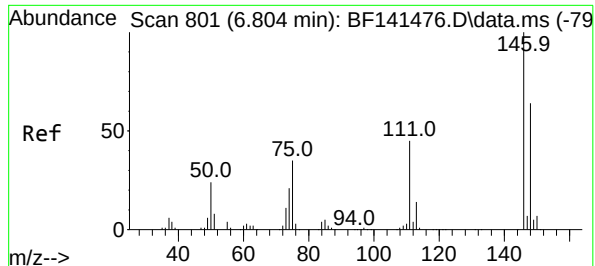
Tgt Ion: 93 Resp: 274892
Ion Ratio Lower Upper
93 100
63 83.9 62.0 102.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 49.506 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 146 Resp: 316493
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 49.264 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

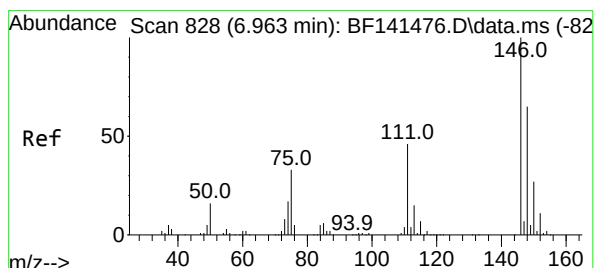
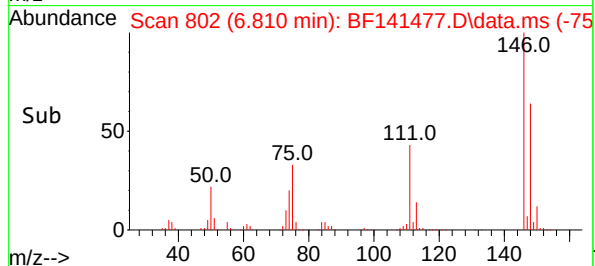
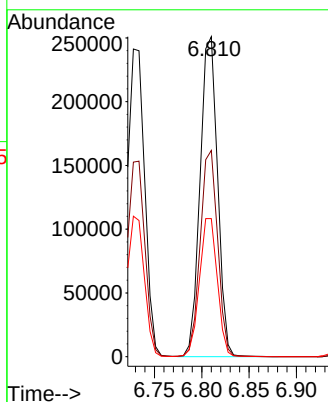
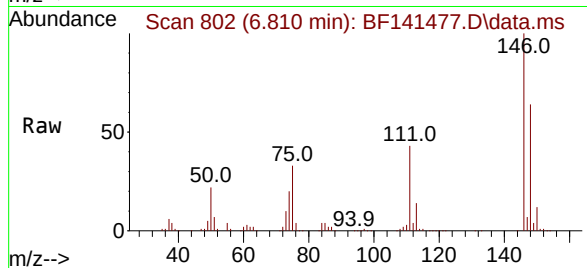
Tgt Ion:146 Resp: 321786

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

111 43.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 48.964 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

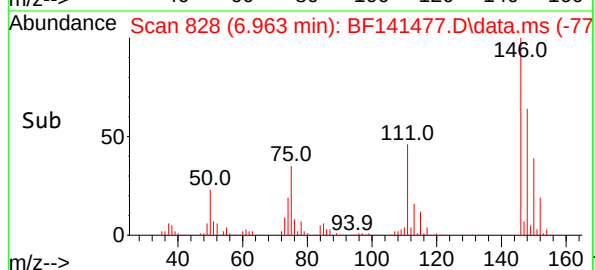
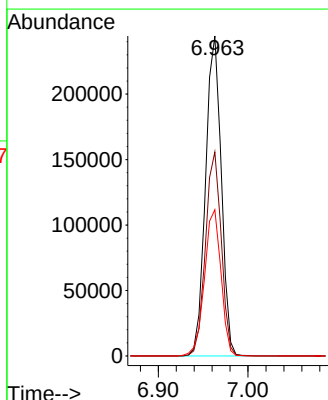
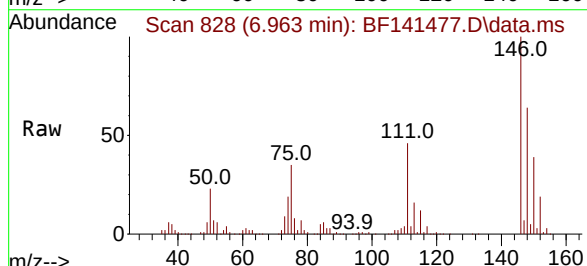
Tgt Ion:146 Resp: 296834

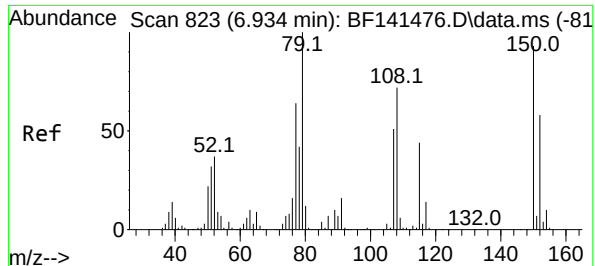
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 45.7 37.0 55.4

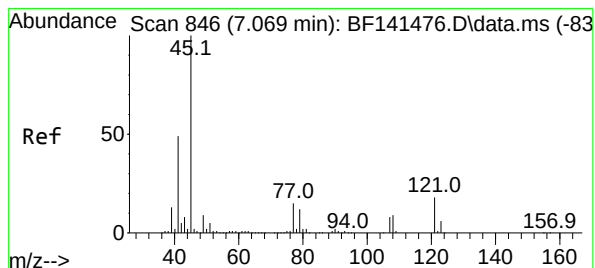
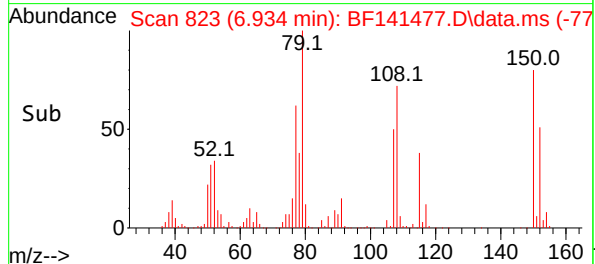
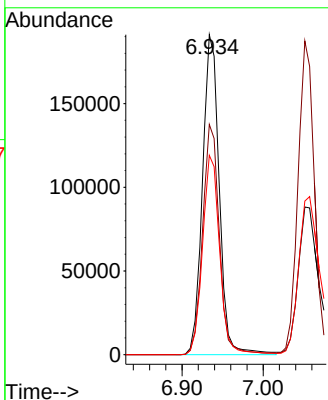
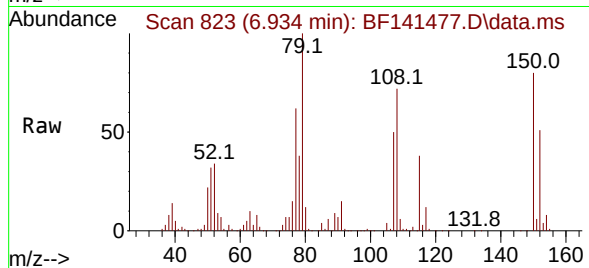




#15
Benzyl Alcohol
Concen: 50.451 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

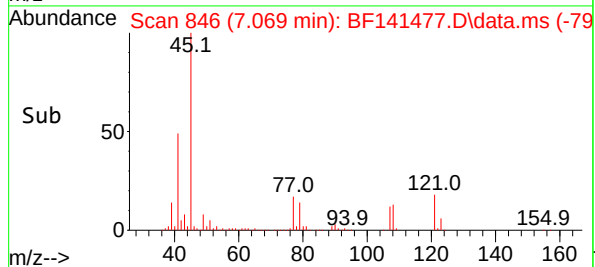
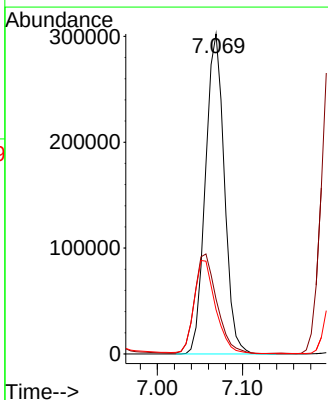
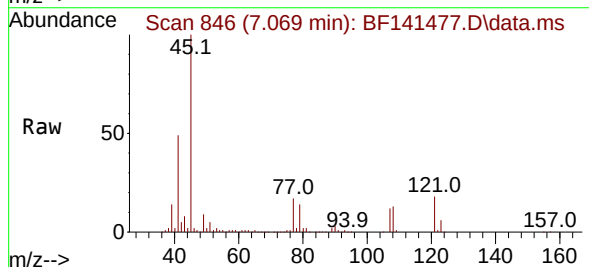
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

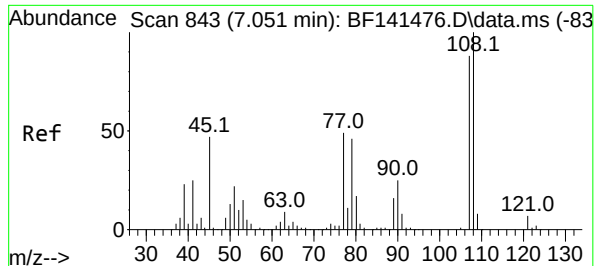
Tgt Ion: 79 Resp: 274040
Ion Ratio Lower Upper
79 100
108 71.9 57.4 86.2
77 62.3 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.091 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 45 Resp: 465332
Ion Ratio Lower Upper
45 100
77 17.2 0.0 35.8
79 13.9 0.0 32.7

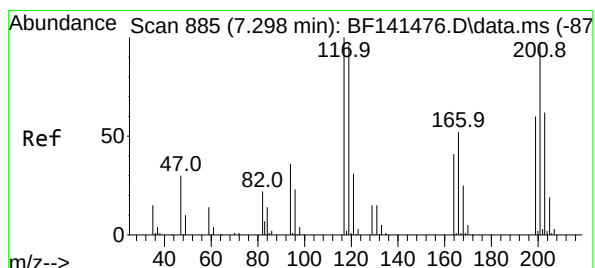
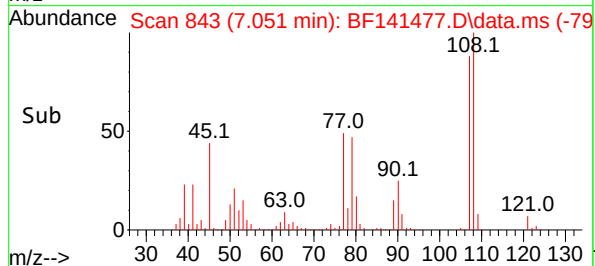
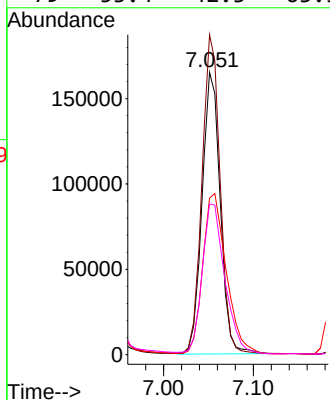
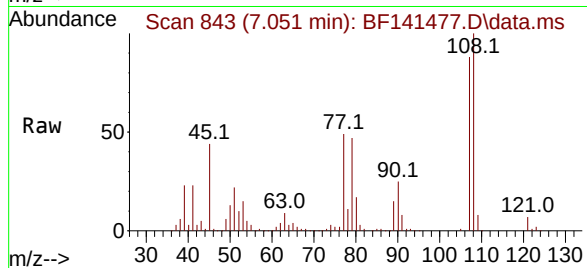




#17
2-Methylphenol
Concen: 49.081 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

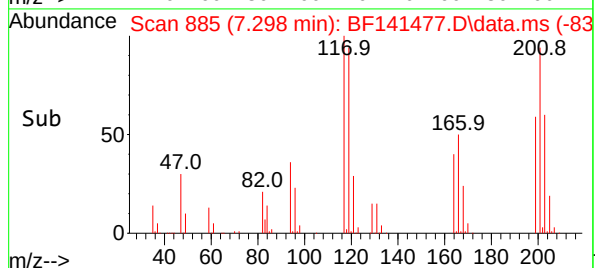
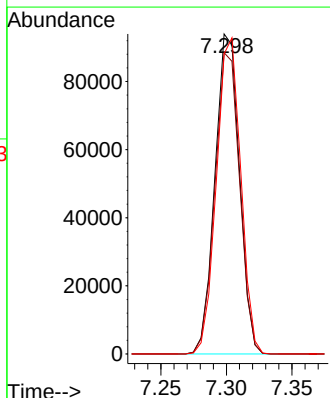
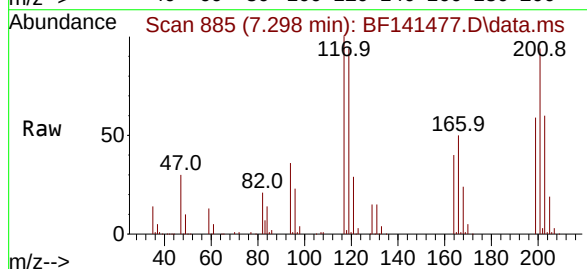
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

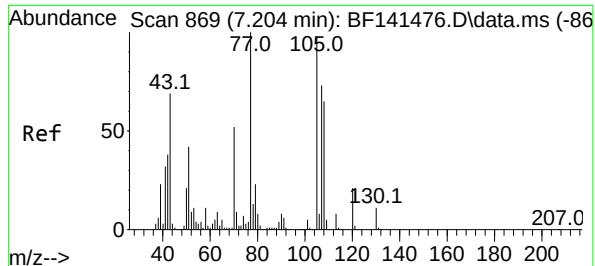
Tgt Ion:107 Resp: 232571
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 55.4 44.4 66.6
79 53.4 42.3 63.5



#18
Hexachloroethane
Concen: 50.498 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:117 Resp: 122071
Ion Ratio Lower Upper
117 100
119 94.2 76.5 114.7
201 93.8 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 49.072 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141477.D

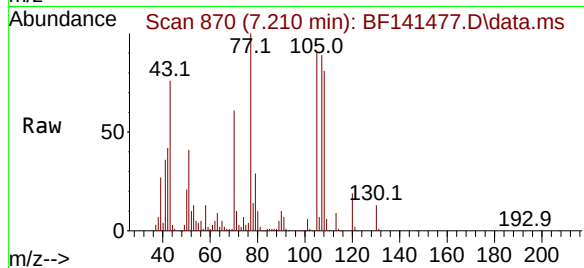
Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 207915

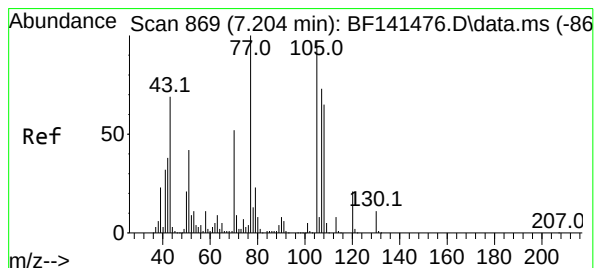
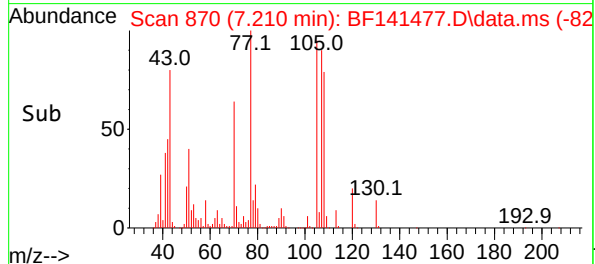
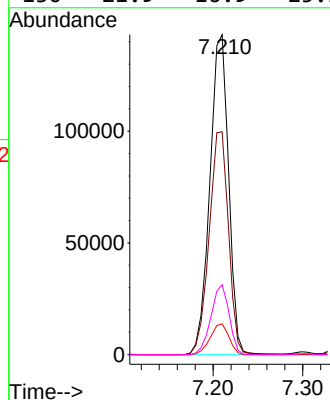
Ion Ratio Lower Upper

70 100

42 69.6 57.4 86.2

101 9.6 8.0 12.0

130 21.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 49.011 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion: 107 Resp: 295179

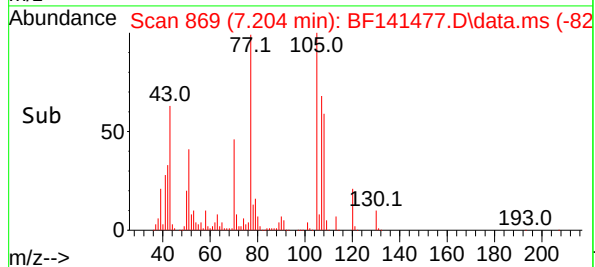
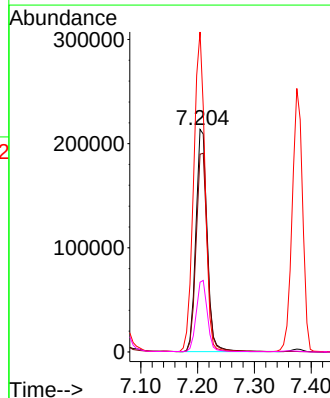
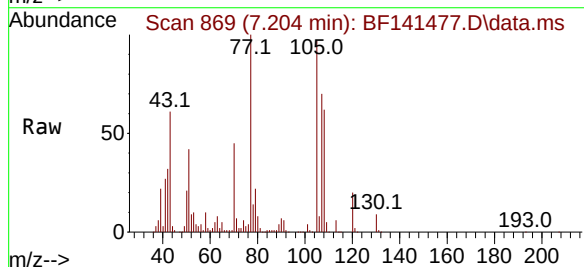
Ion Ratio Lower Upper

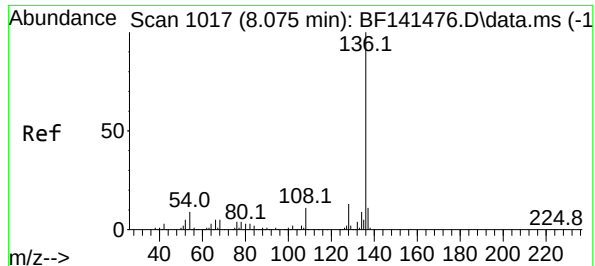
107 100

108 88.9 68.5 108.5

77 143.8 116.5 156.5

79 31.4 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:136 Resp: 347298

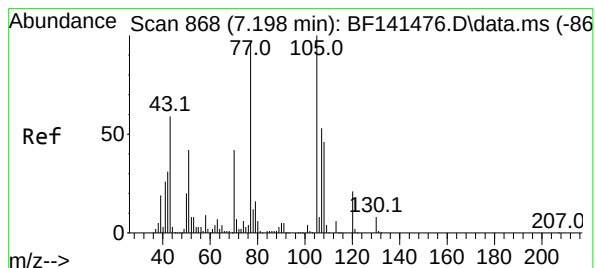
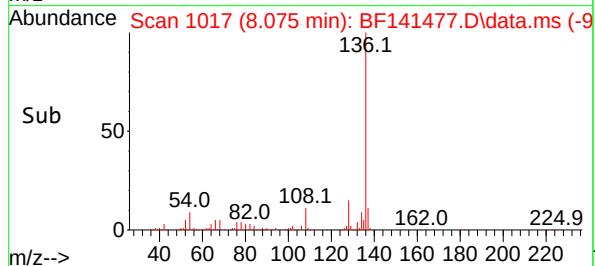
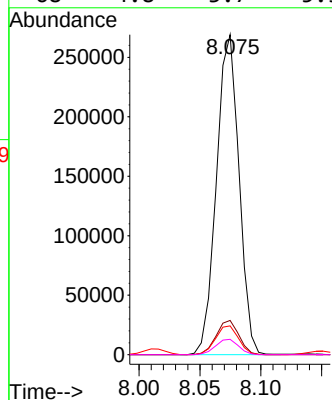
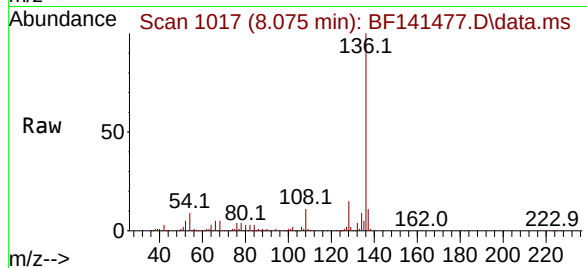
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 9.0 7.2 10.8

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 48.588 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion:105 Resp: 419759

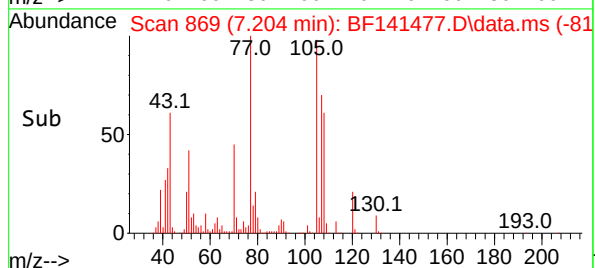
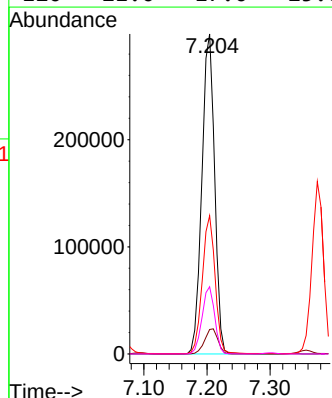
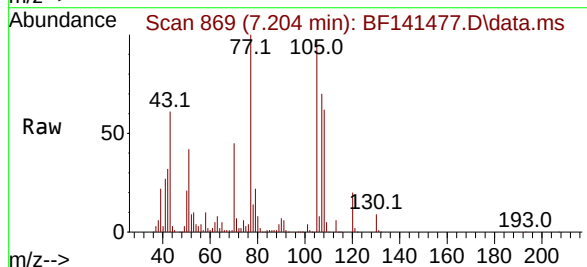
Ion Ratio Lower Upper

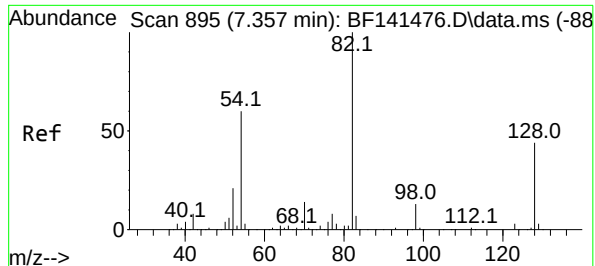
105 100

71 7.7 5.7 8.5

51 43.2 33.7 50.5

120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.686 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

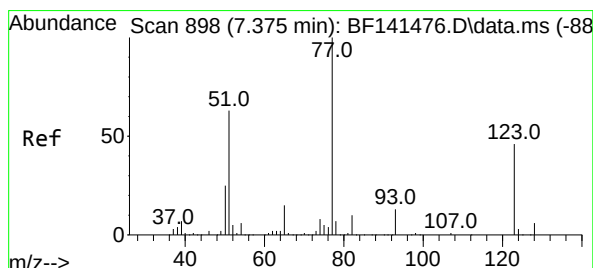
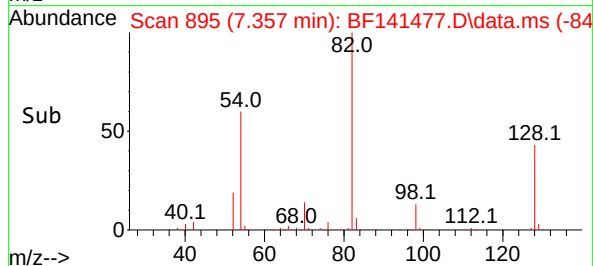
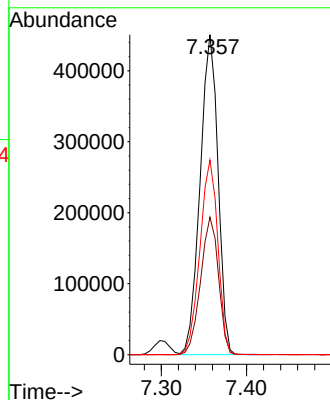
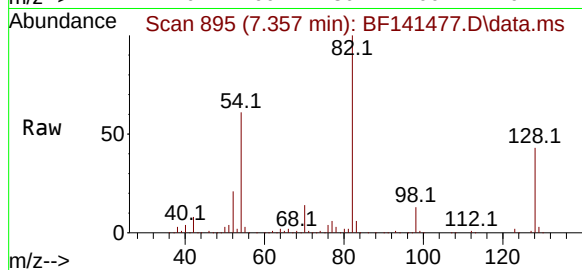
Tgt Ion: 82 Resp: 657106

Ion Ratio Lower Upper

82 100

128 42.9 34.8 52.2

54 60.9 48.2 72.4



#24

Nitrobenzene

Concen: 49.308 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

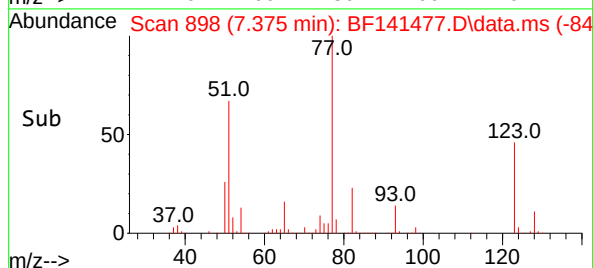
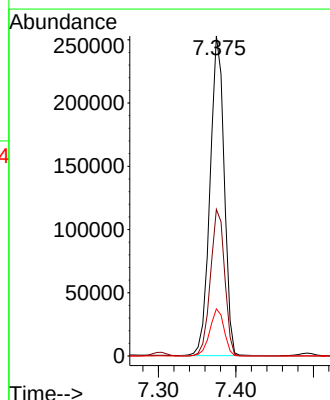
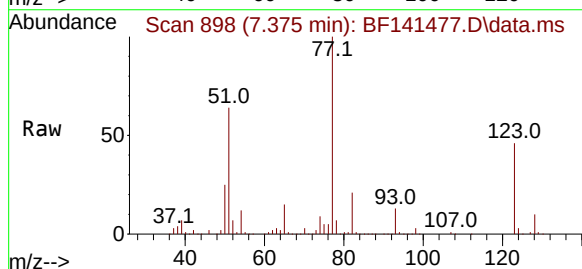
Tgt Ion: 77 Resp: 320155

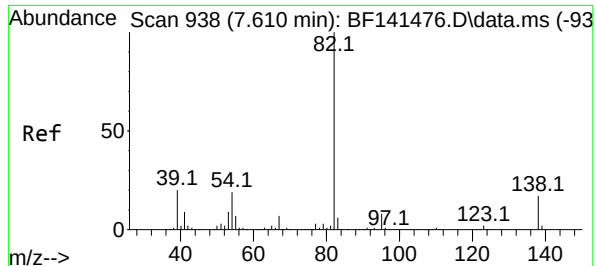
Ion Ratio Lower Upper

77 100

123 45.8 36.9 55.3

65 14.7 11.9 17.9

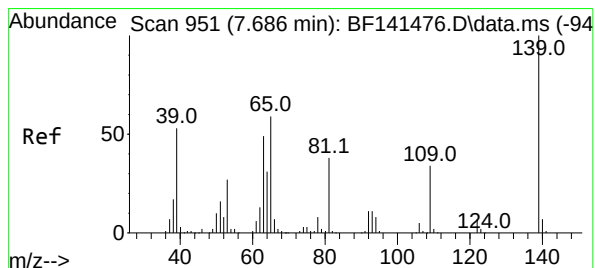
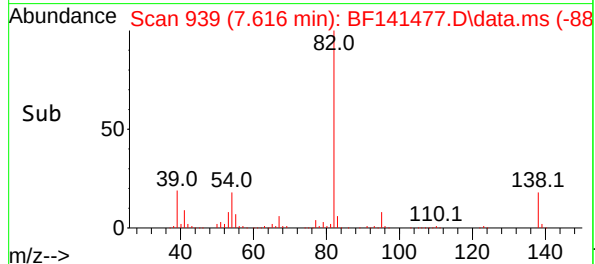
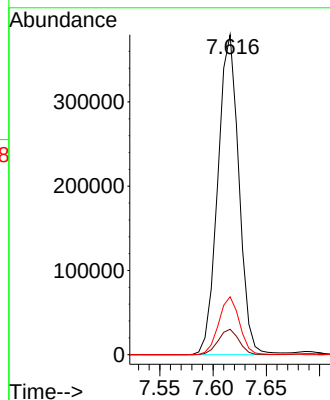
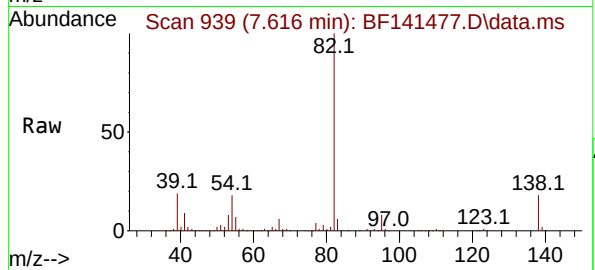




#25
Isophorone
Concen: 49.123 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

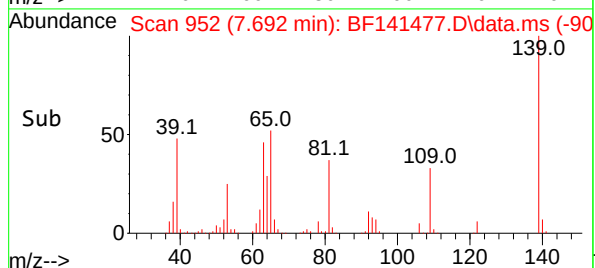
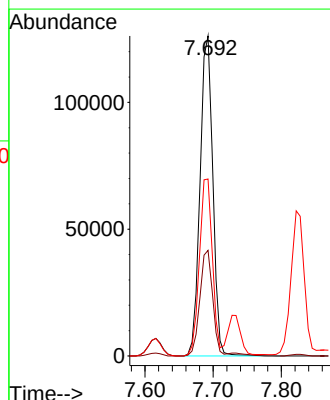
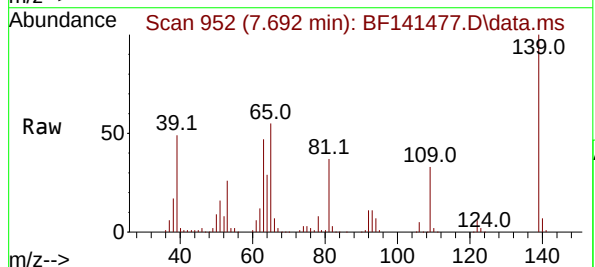
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

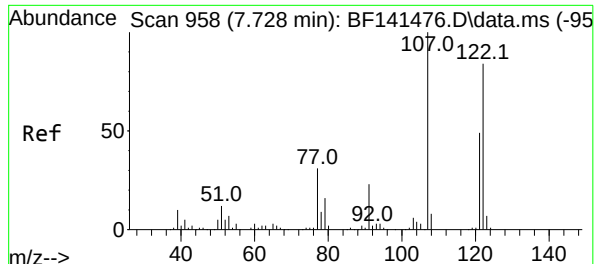
Tgt Ion: 82 Resp: 521533
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 50.962 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 139 Resp: 164623
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 55.3 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 50.093 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

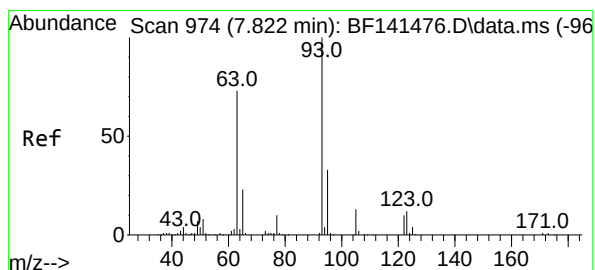
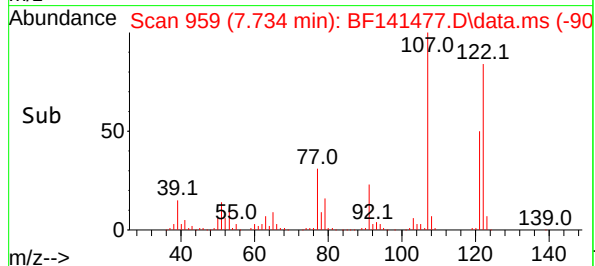
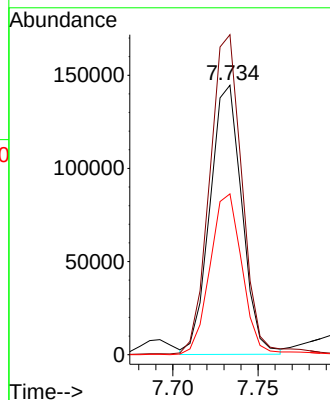
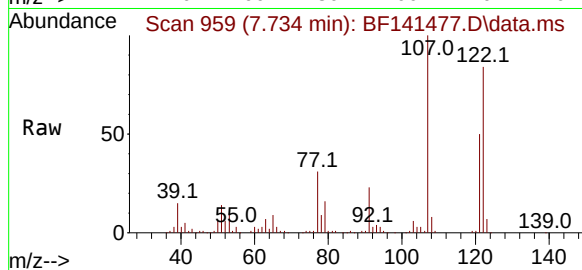
Tgt Ion:122 Resp: 189037

Ion Ratio Lower Upper

122 100

107 118.8 94.3 141.5

121 59.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.430 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

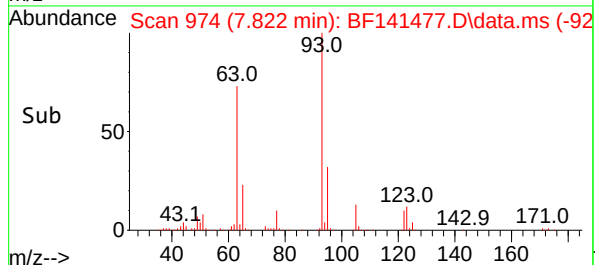
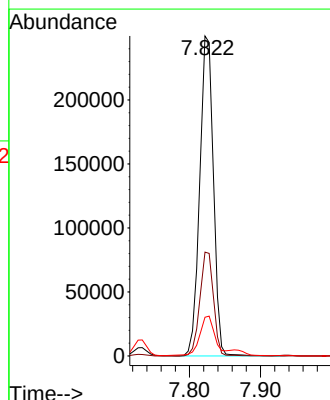
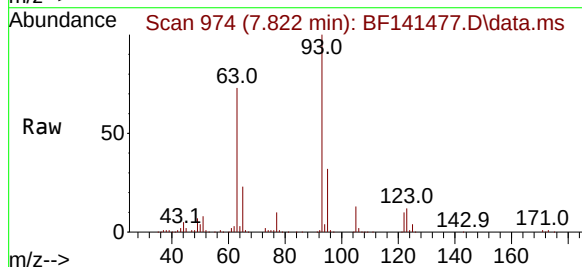
Tgt Ion: 93 Resp: 336274

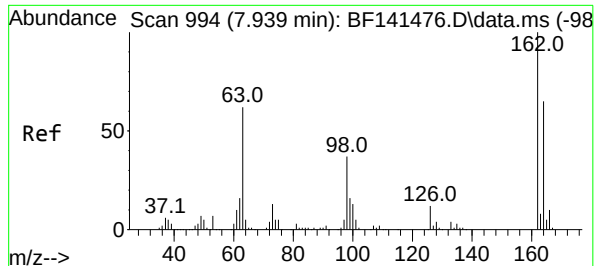
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.328 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

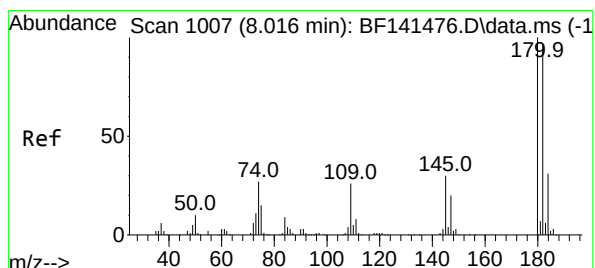
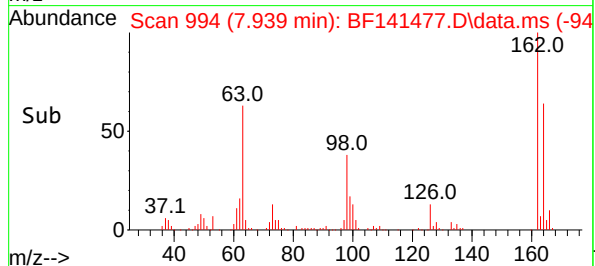
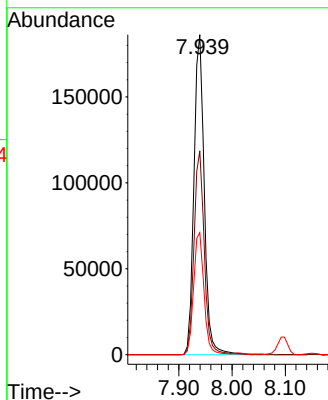
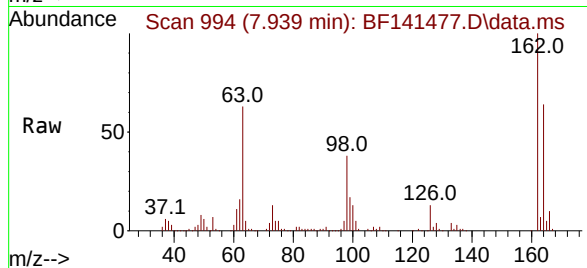
Tgt Ion:162 Resp: 251518

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 38.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 48.788 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

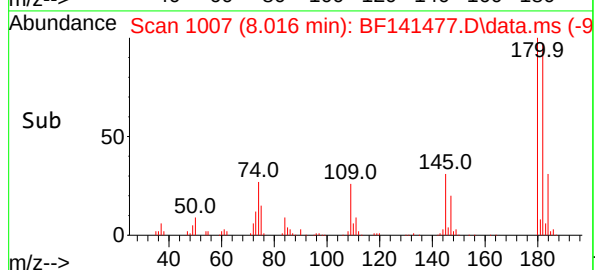
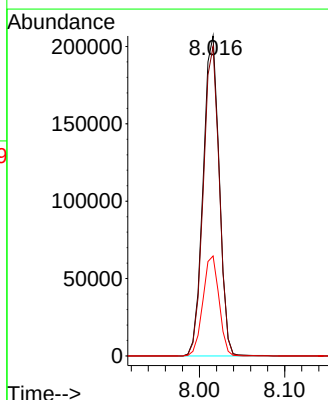
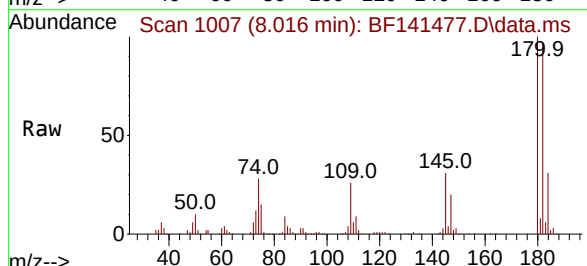
Tgt Ion:180 Resp: 270897

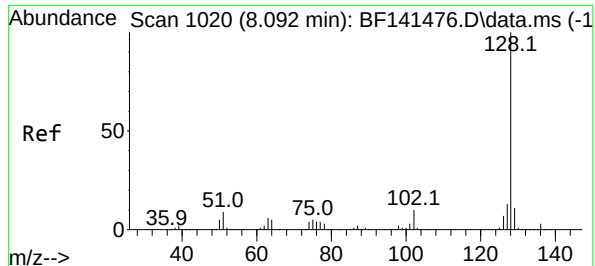
Ion Ratio Lower Upper

180 100

182 96.8 76.8 115.2

145 31.3 24.2 36.4





#31

Naphthalene

Concen: 48.605 ng

RT: 8.098 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

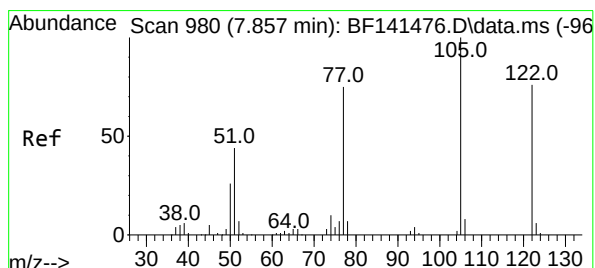
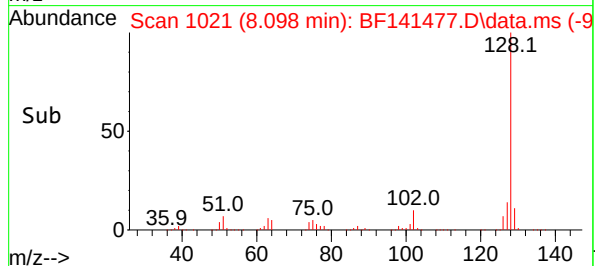
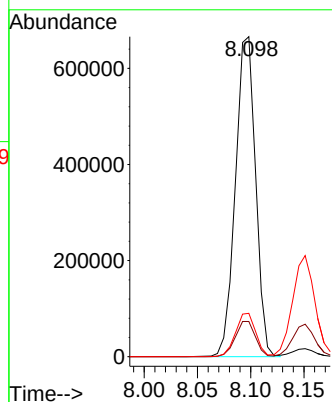
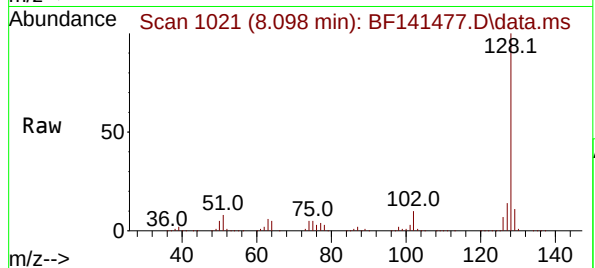
Tgt Ion:128 Resp: 878692

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 51.719 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

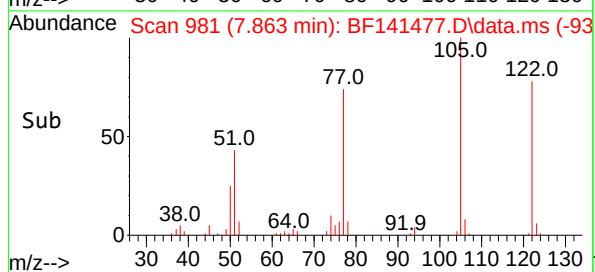
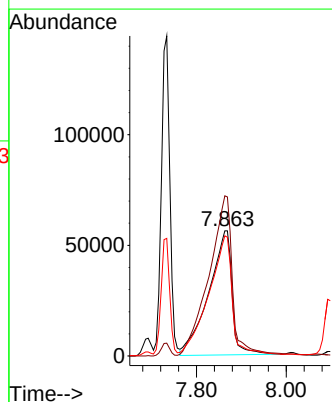
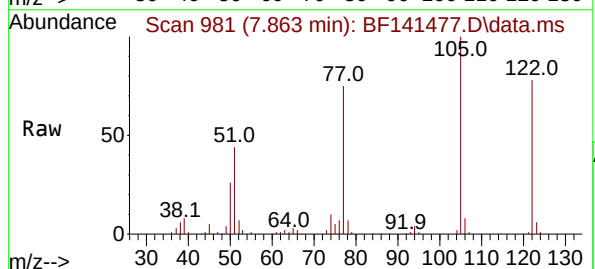
Tgt Ion:122 Resp: 202728

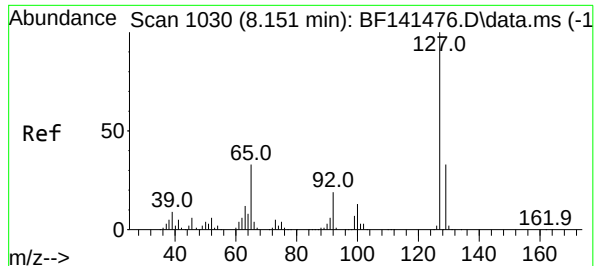
Ion Ratio Lower Upper

122 100

105 128.0 106.5 146.5

77 96.0 76.3 116.3

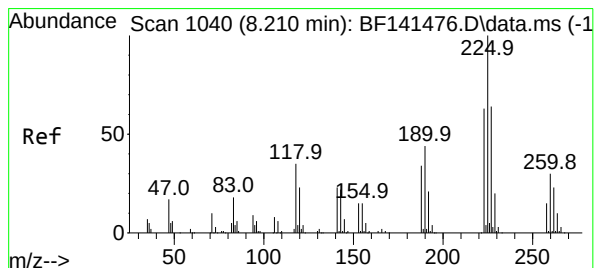
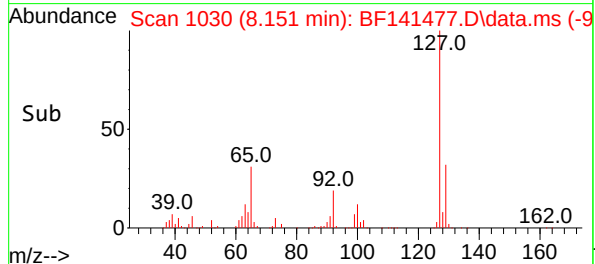
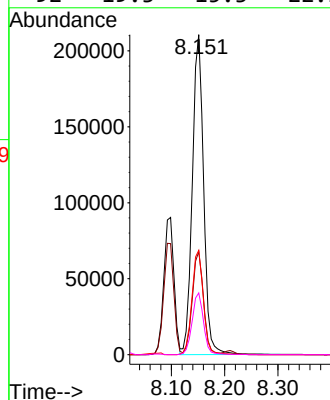
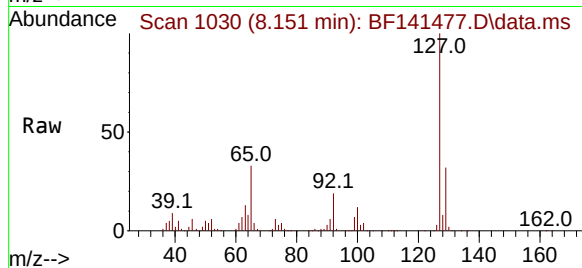




#33
4-Chloroaniline
Concen: 49.471 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

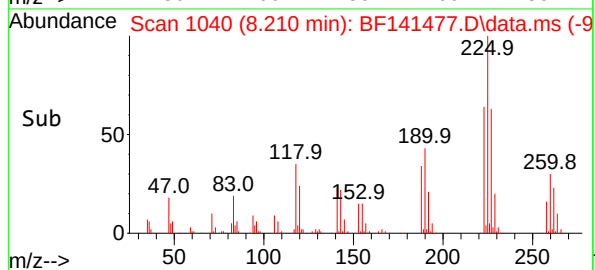
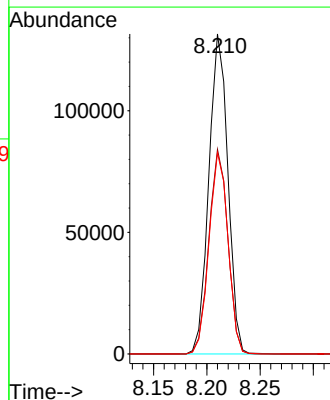
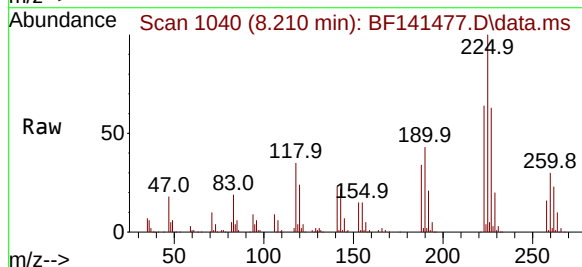
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

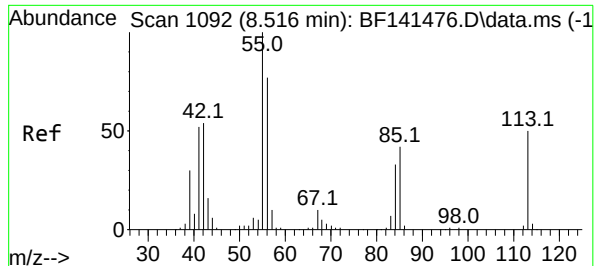
Tgt Ion:127	Resp: 312251
Ion Ratio	Lower Upper
127	100
129	32.2 26.5 39.7
65	32.6 26.4 39.6
92	19.3 15.3 22.9



#34
Hexachlorobutadiene
Concen: 48.971 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:225	Resp: 163240
Ion Ratio	Lower Upper
225	100
223	63.9 50.1 75.1
227	62.8 51.0 76.6

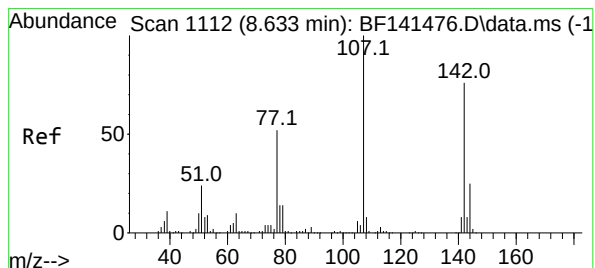
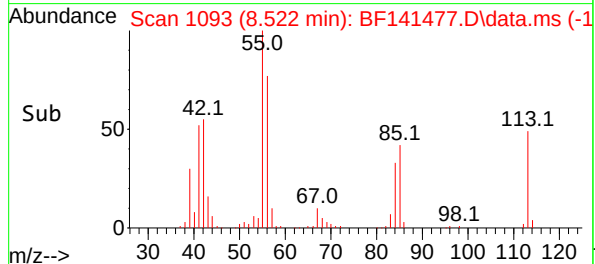
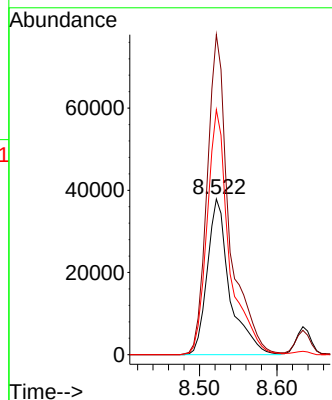
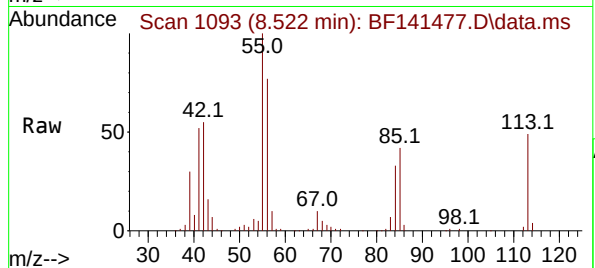




#35
Caprolactam
Concen: 49.180 ng
RT: 8.522 min Scan# 1092
Delta R.T. -0.023 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

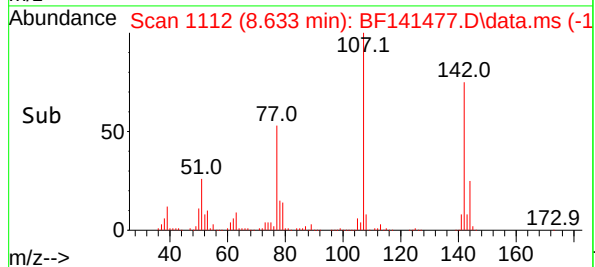
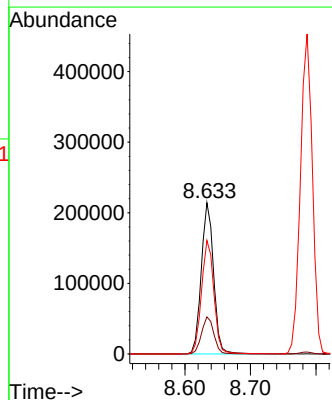
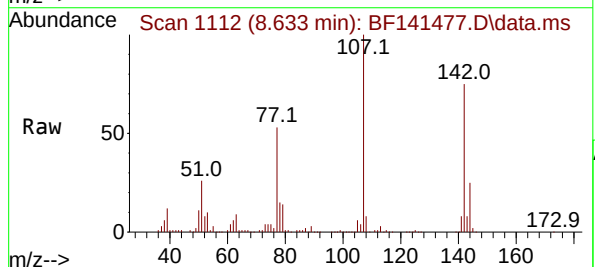
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

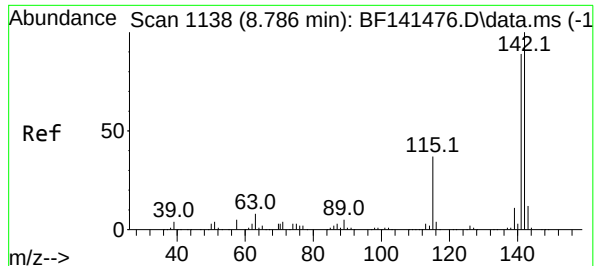
Tgt Ion:113 Resp: 76350
Ion Ratio Lower Upper
113 100
55 205.6 180.8 220.8
56 157.4 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 49.736 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:107 Resp: 280911
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 75.0 60.8 91.2

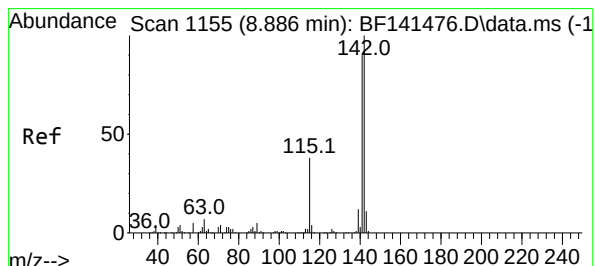
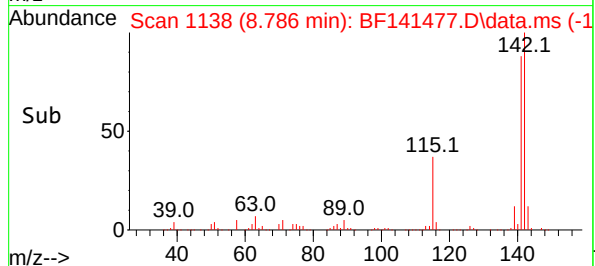
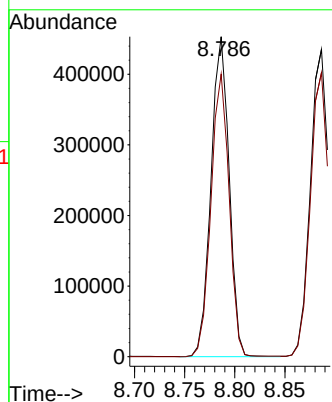
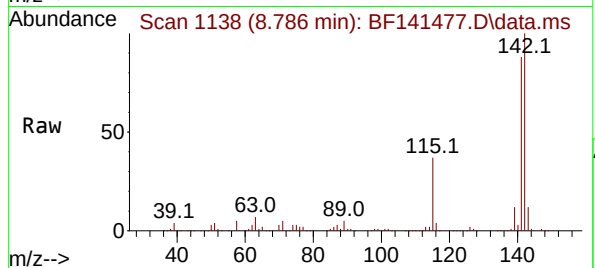




#37
2-Methylnaphthalene
Concen: 48.643 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

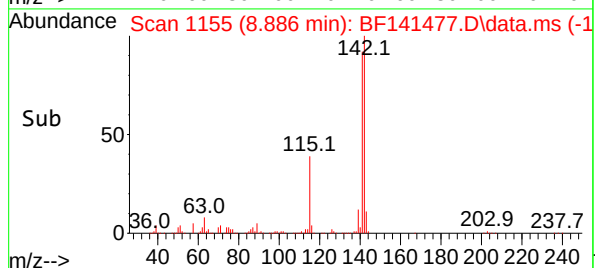
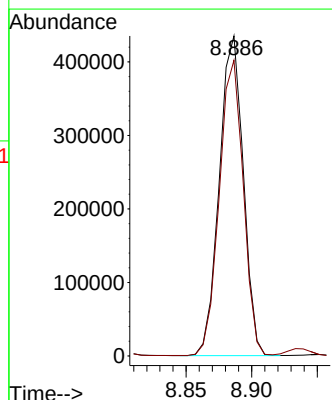
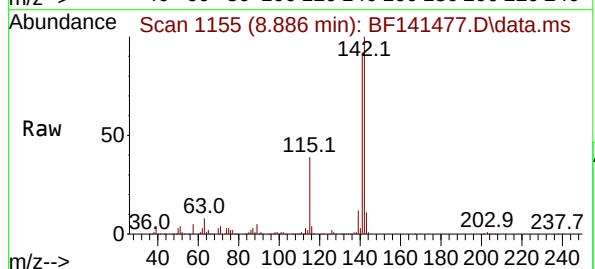
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

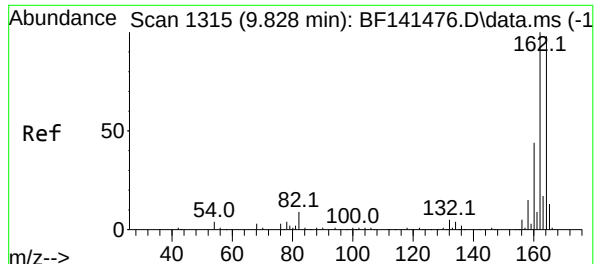
Tgt Ion:142 Resp: 572244
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8



#38
1-Methylnaphthalene
Concen: 48.579 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:142 Resp: 553503
Ion Ratio Lower Upper
142 100
141 92.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

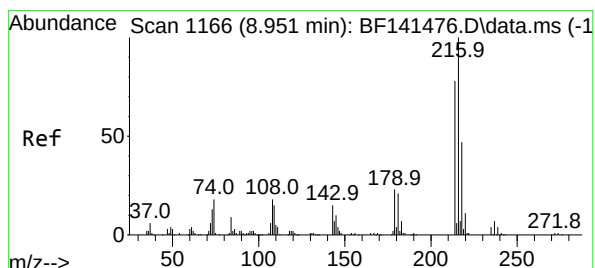
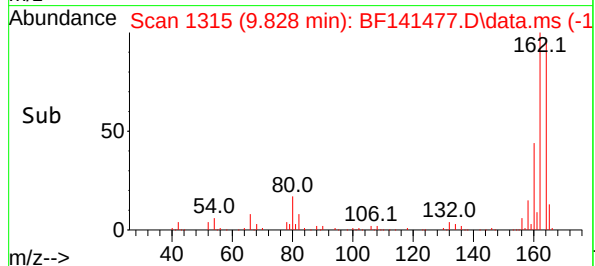
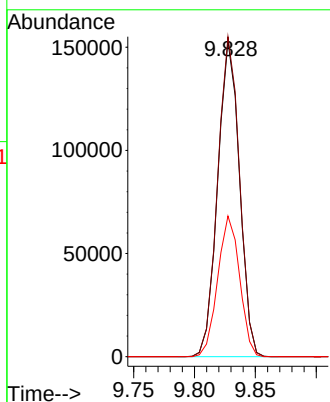
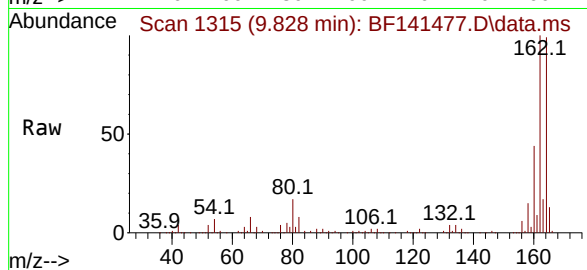
Tgt Ion:164 Resp: 190523

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 44.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.369 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion:216 Resp: 266614

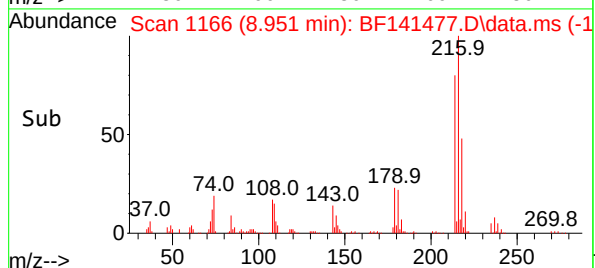
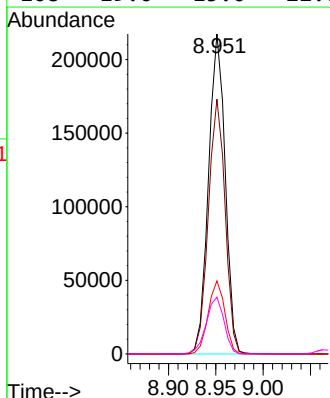
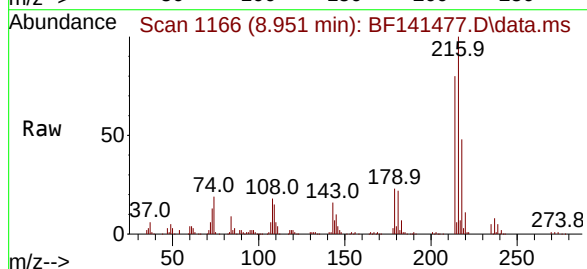
Ion Ratio Lower Upper

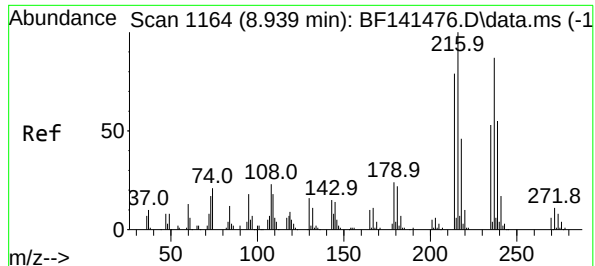
216 100

214 80.0 62.3 93.5

179 22.7 18.0 27.0

108 19.0 15.0 22.6

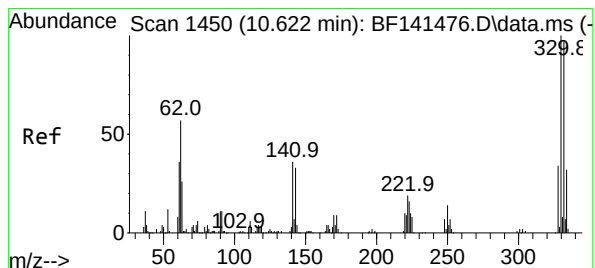
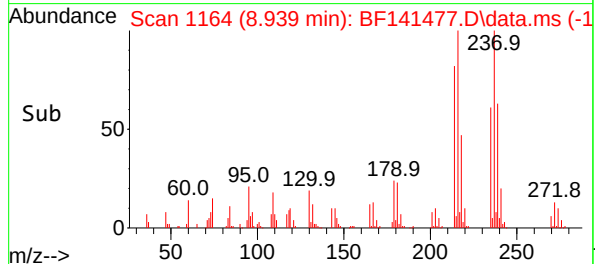
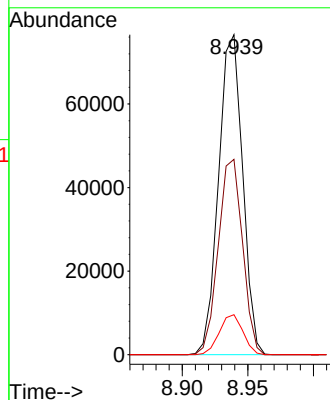
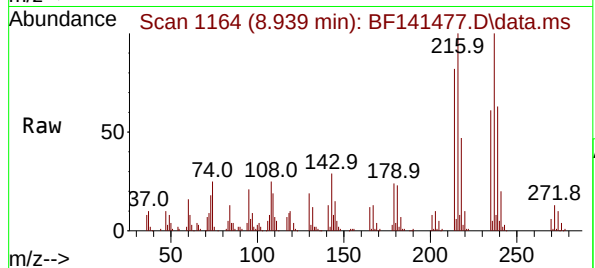




#41
Hexachlorocyclopentadiene
Concen: 53.276 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

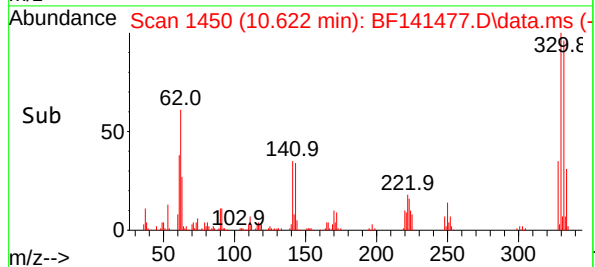
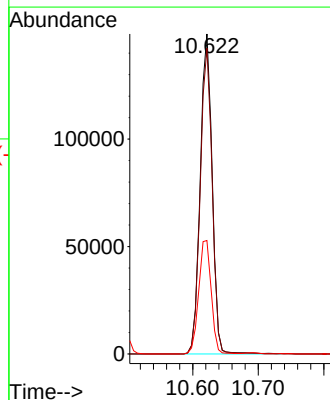
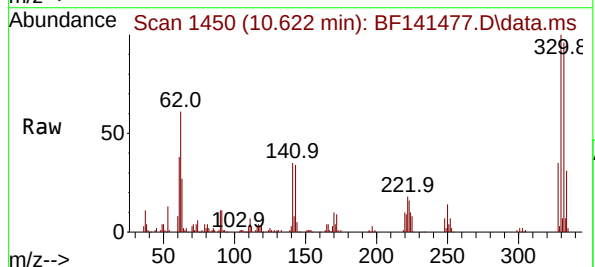
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

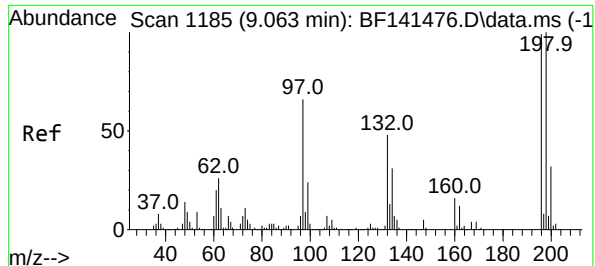
Tgt Ion:237 Resp: 97674
Ion Ratio Lower Upper
237 100
235 61.1 41.4 81.4
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 98.845 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:330 Resp: 189178
Ion Ratio Lower Upper
330 100
332 95.8 78.5 117.7
141 37.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 49.825 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

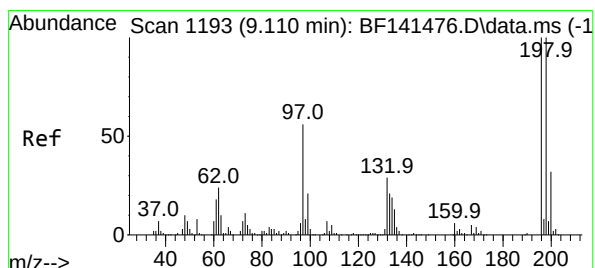
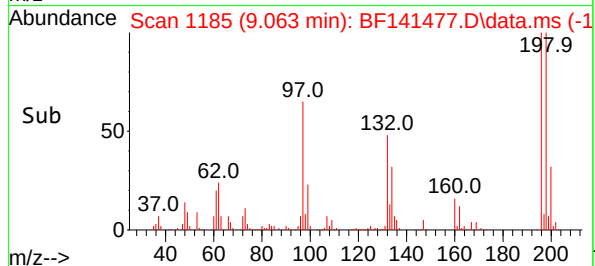
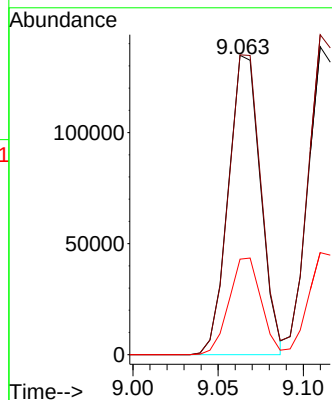
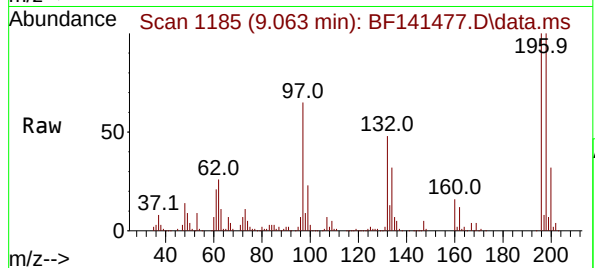
Tgt Ion:196 Resp: 177503

Ion Ratio Lower Upper

196 100

198 100.1 80.6 121.0

200 31.9 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 48.667 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Tgt Ion:196 Resp: 187902

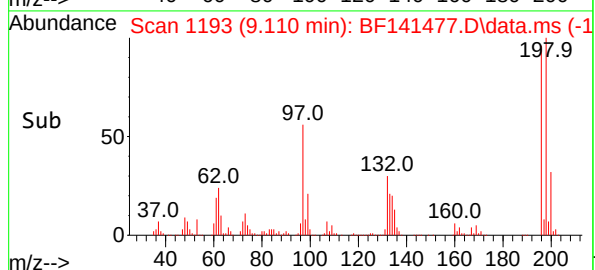
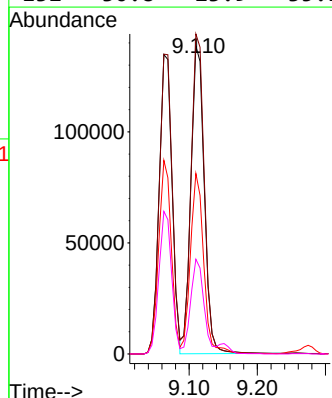
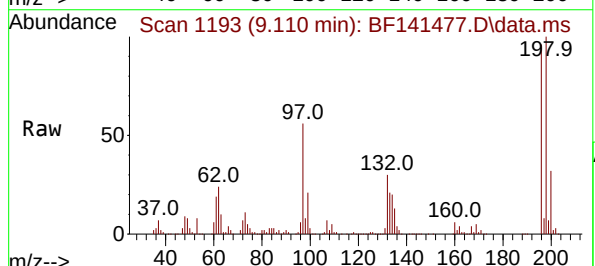
Ion Ratio Lower Upper

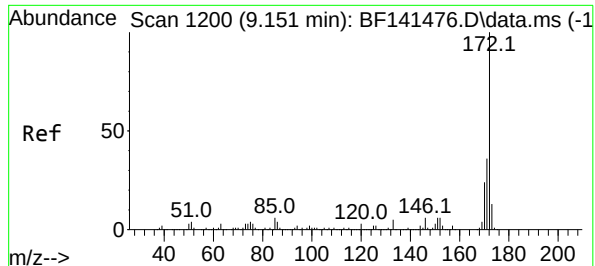
196 100

198 103.9 79.8 119.8

97 58.6 44.8 67.2

132 30.8 23.9 35.9

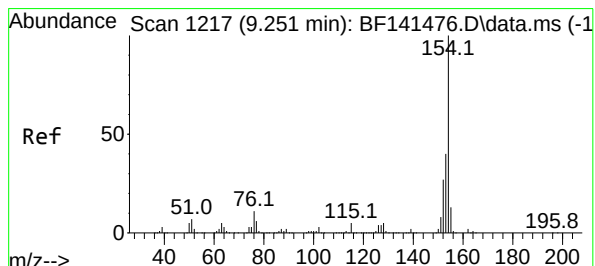
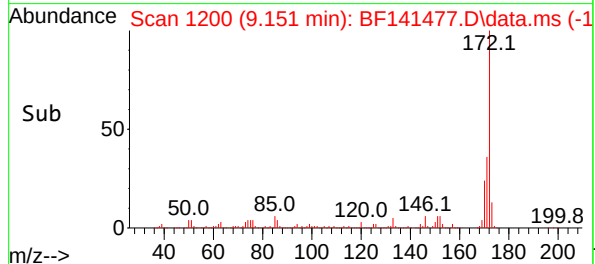
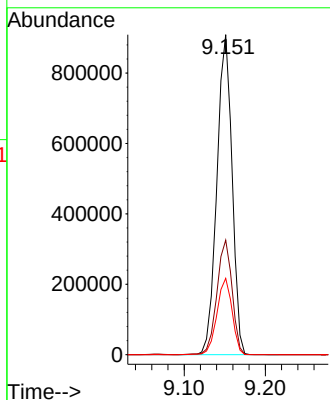
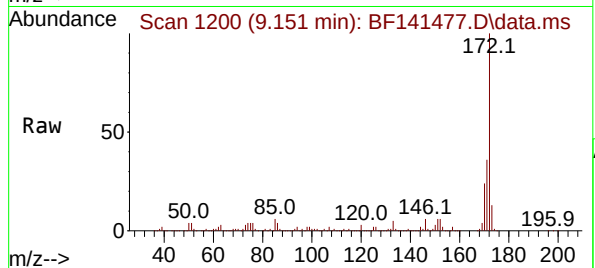




#45
2-Fluorobiphenyl
Concen: 95.605 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

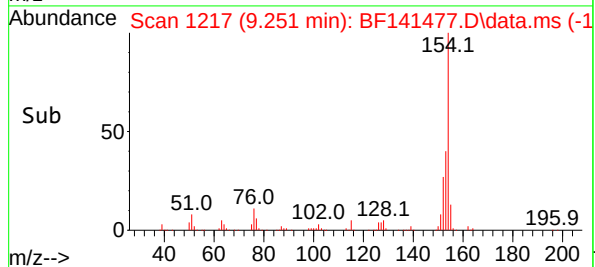
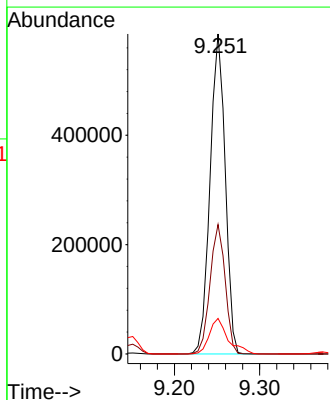
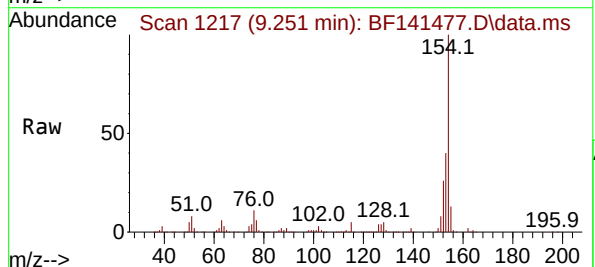
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

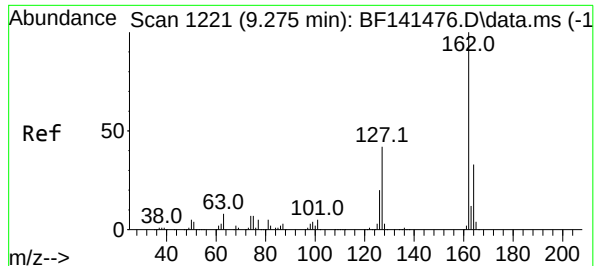
Tgt Ion:172 Resp: 1182292
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.905 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:154 Resp: 722373
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 48.576 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

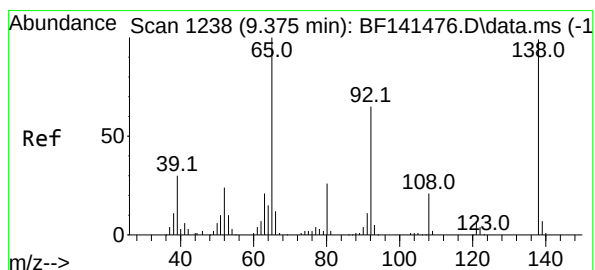
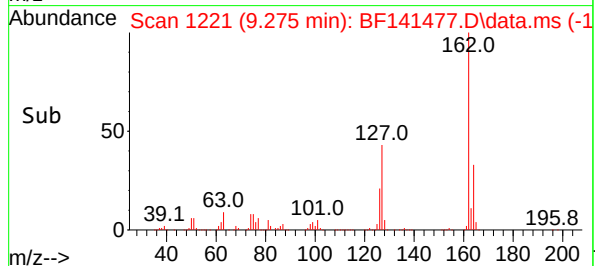
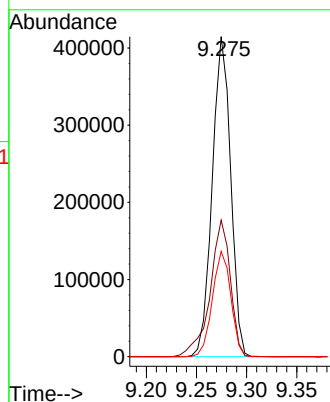
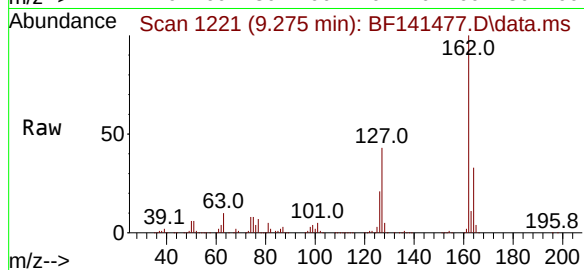
Tgt Ion:162 Resp: 530577

Ion Ratio Lower Upper

162 100

127 42.6 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 49.612 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

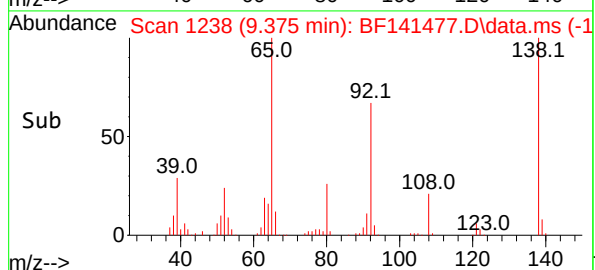
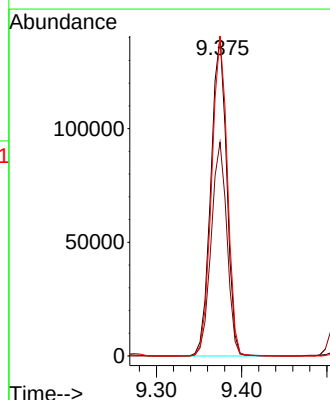
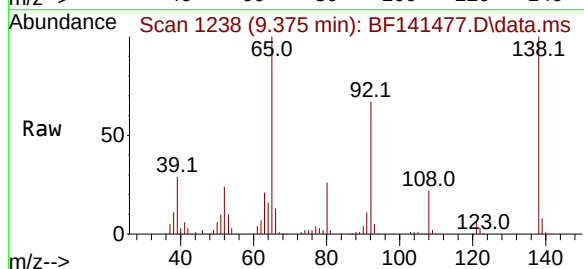
Tgt Ion: 65 Resp: 181860

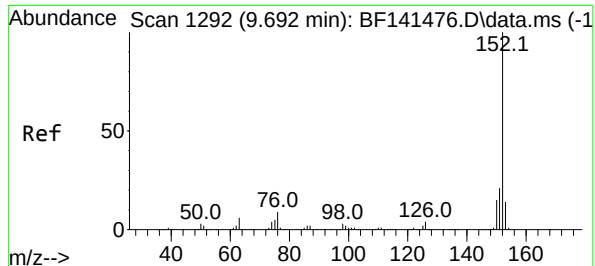
Ion Ratio Lower Upper

65 100

92 67.0 52.2 78.2

138 100.2 79.5 119.3





#49

Acenaphthylene

Concen: 48.672 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

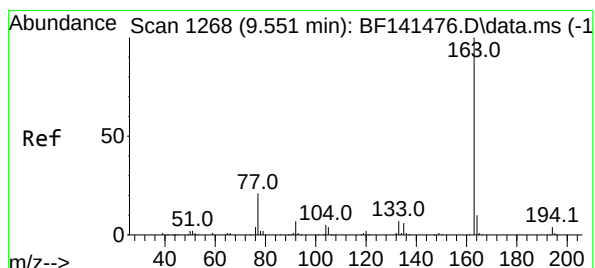
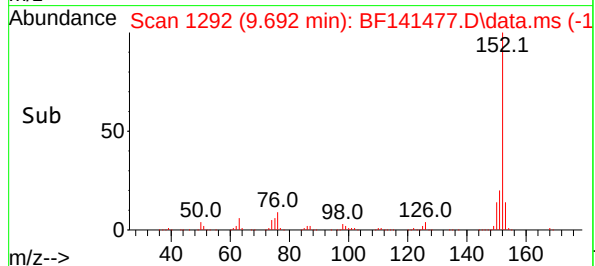
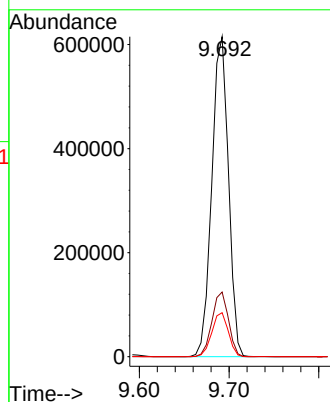
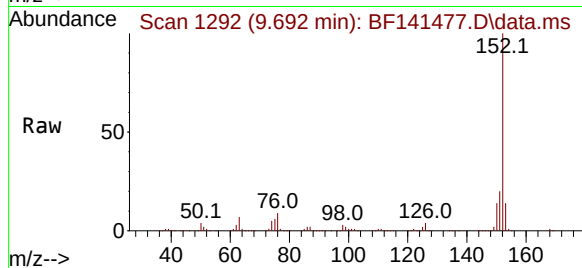
Tgt Ion:152 Resp: 790730

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 48.760 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

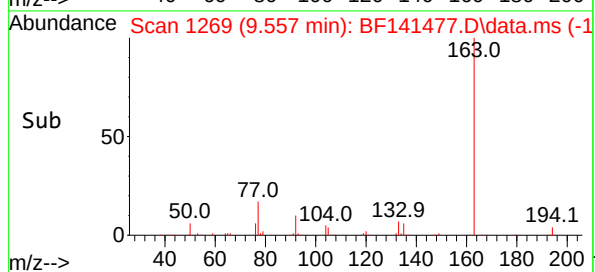
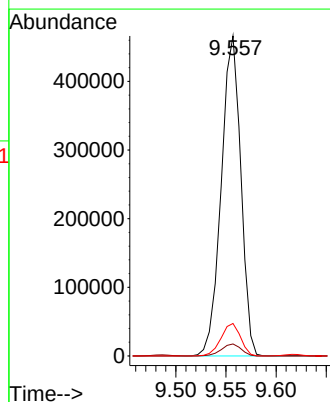
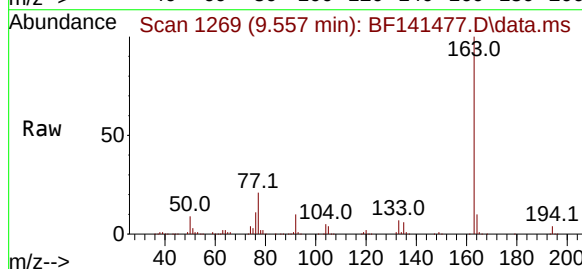
Tgt Ion:163 Resp: 630673

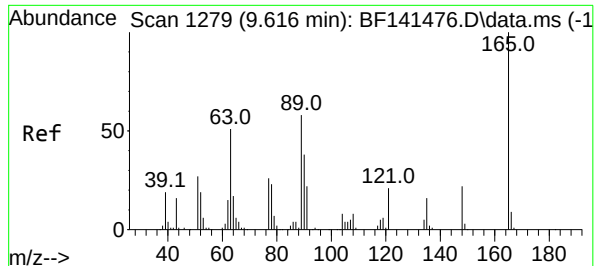
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 49.760 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

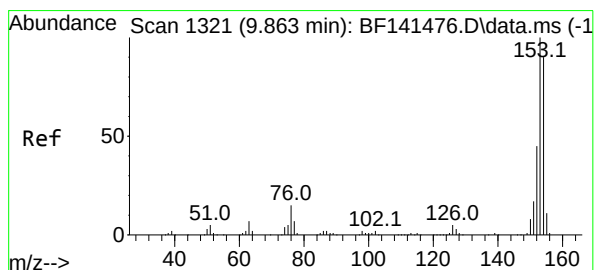
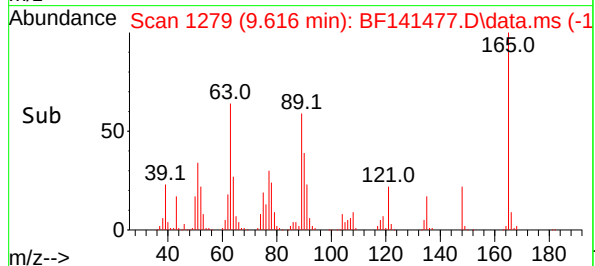
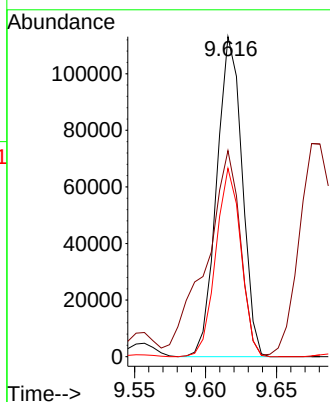
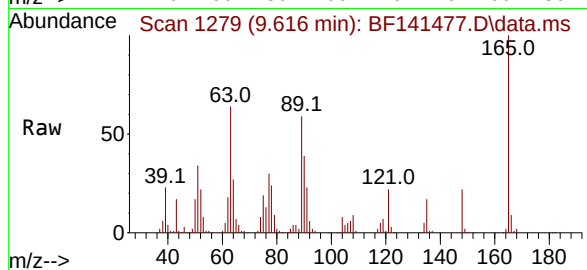
Tgt Ion:165 Resp: 140697

Ion Ratio Lower Upper

165 100

63 64.4 49.4 74.0

89 58.9 46.5 69.7



#52

Acenaphthene

Concen: 48.327 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

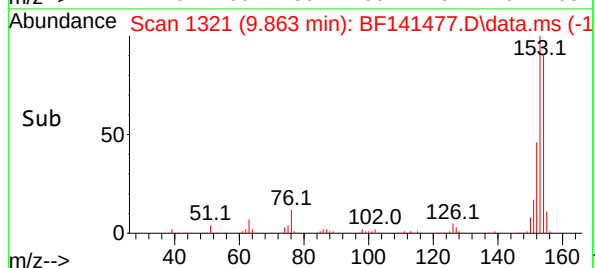
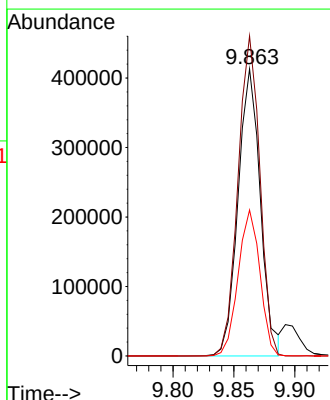
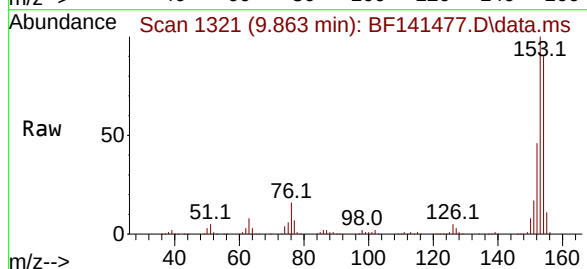
Tgt Ion:154 Resp: 527828

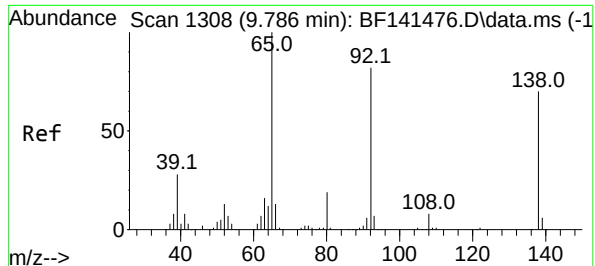
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 50.8 39.8 59.8

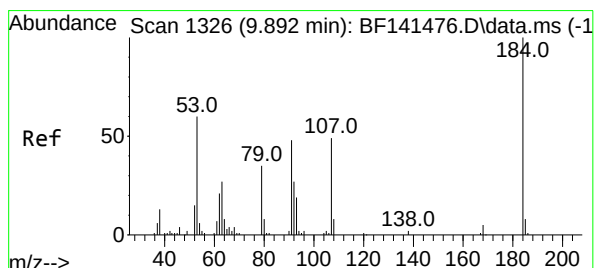
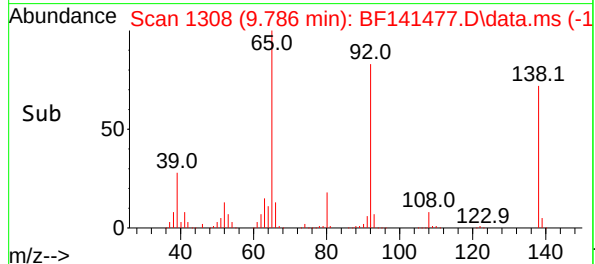
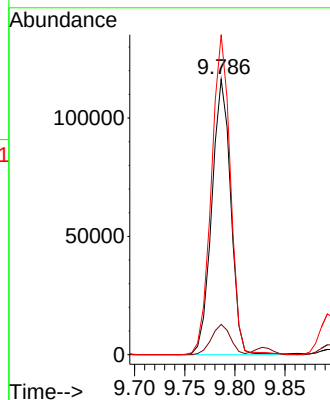
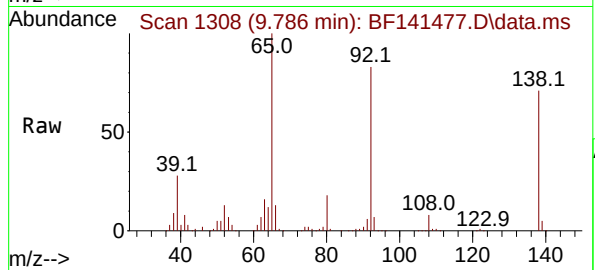




#53
3-Nitroaniline
Concen: 50.087 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

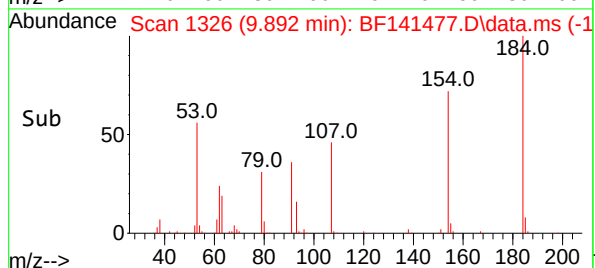
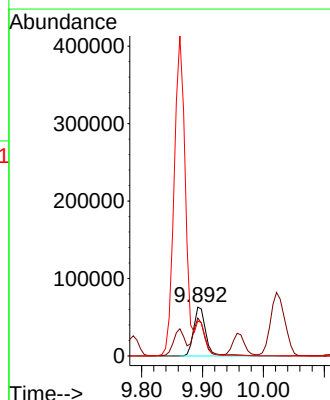
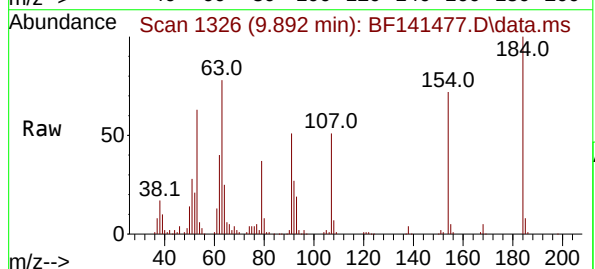
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

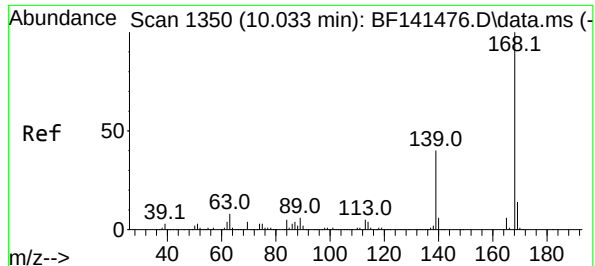
Tgt Ion:138 Resp: 152426
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 116.2 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 52.339 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:184 Resp: 87953
Ion Ratio Lower Upper
184 100
63 77.9 61.0 91.6
154 71.8 59.9 89.9





#55

Dibenzofuran

Concen: 48.523 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

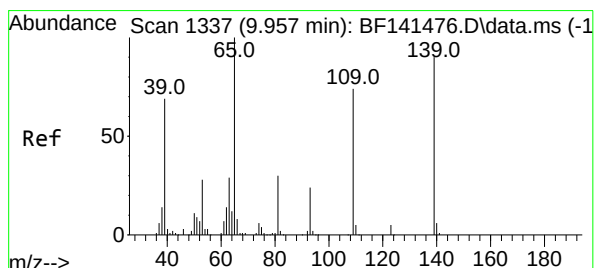
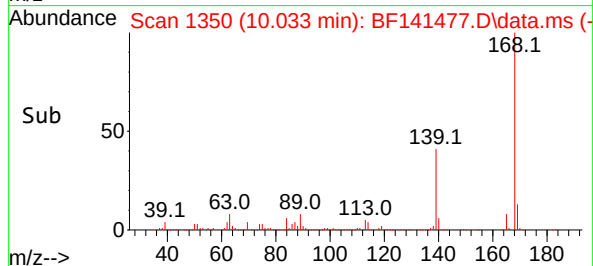
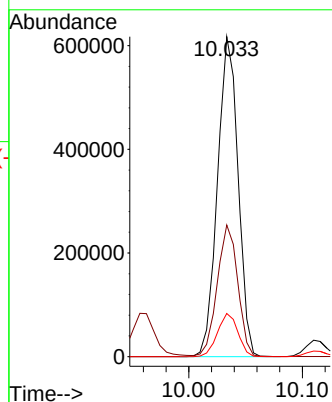
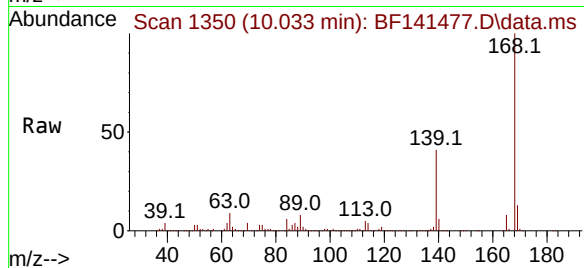
Tgt Ion:168 Resp: 777905

Ion Ratio Lower Upper

168 100

139 41.2 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 52.603 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

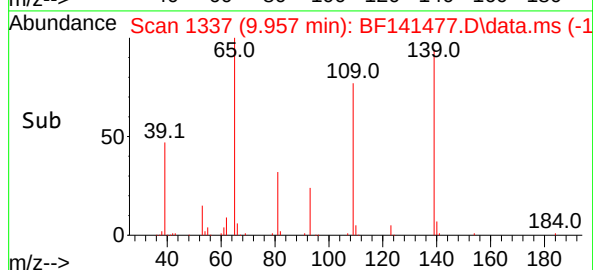
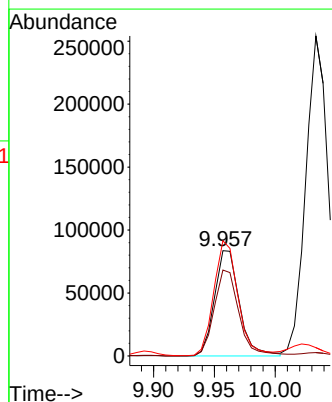
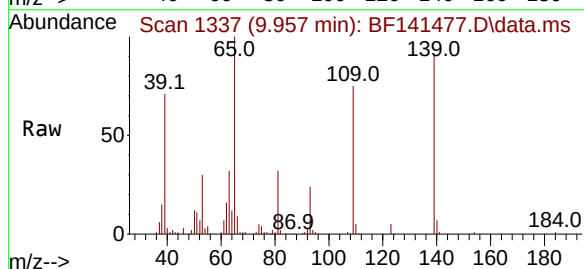
Tgt Ion:139 Resp: 118835

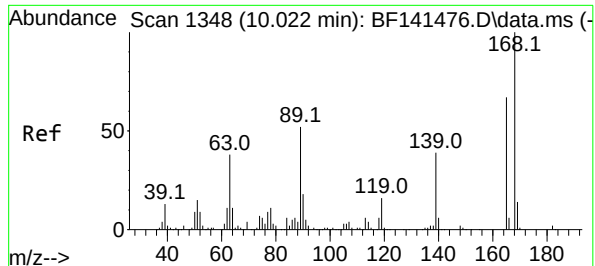
Ion Ratio Lower Upper

139 100

109 81.7 62.0 102.0

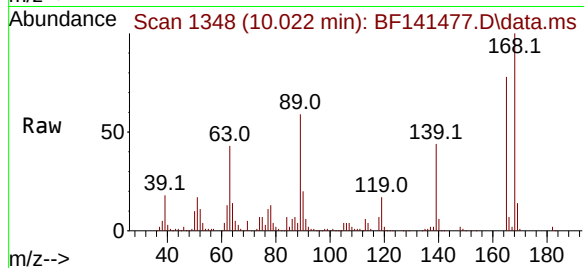
65 109.4 91.2 131.2



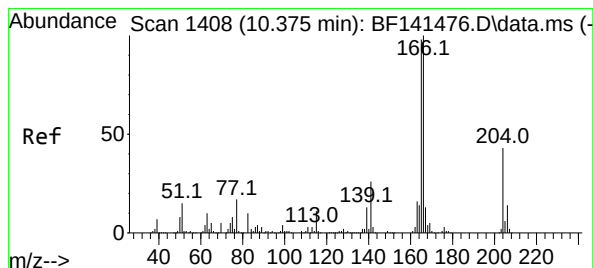
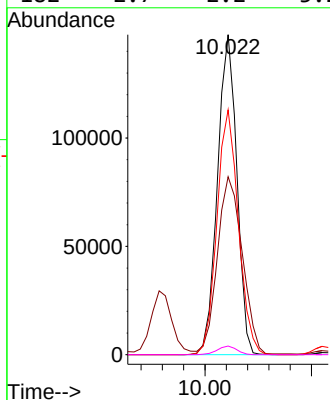
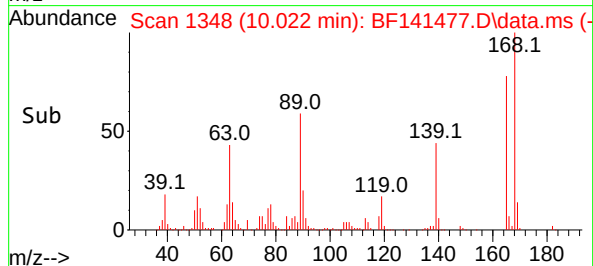


#57
2,4-Dinitrotoluene
Concen: 49.346 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

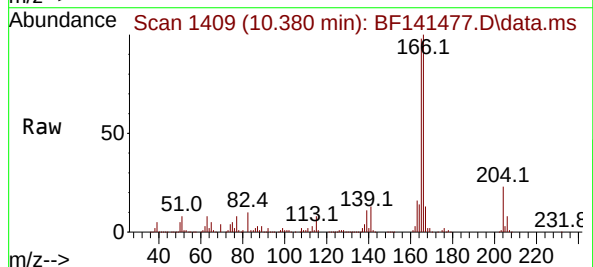
Instrument :
BNA_F
ClientSampleId :
SSTDIC050



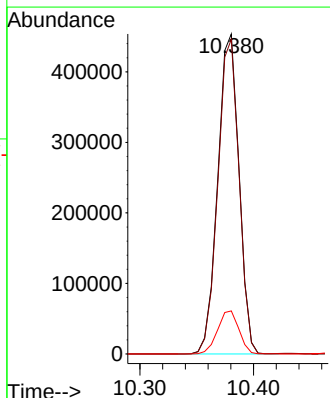
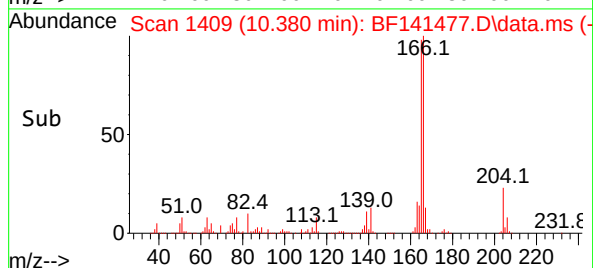
Tgt Ion:165 Resp: 185741
Ion Ratio Lower Upper
165 100
63 55.6 46.4 69.6
89 76.5 61.8 92.6
182 2.7 2.2 3.2

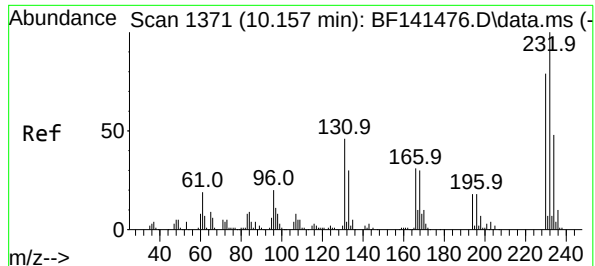


#58
Fluorene
Concen: 47.597 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21



Tgt Ion:166 Resp: 590000
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.4 10.7 16.1

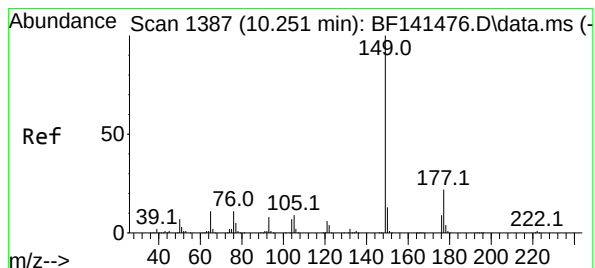
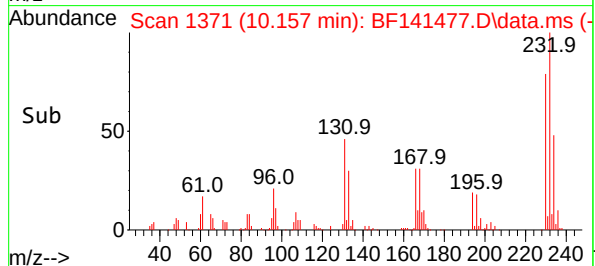
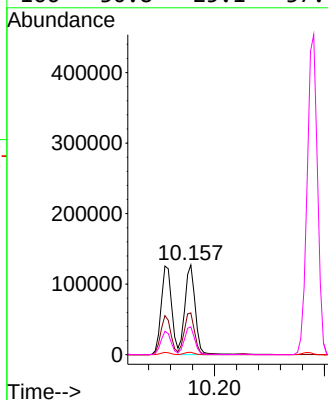
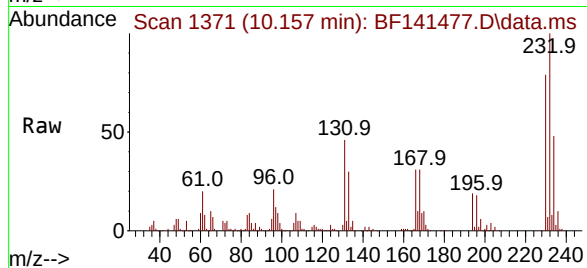




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.807 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

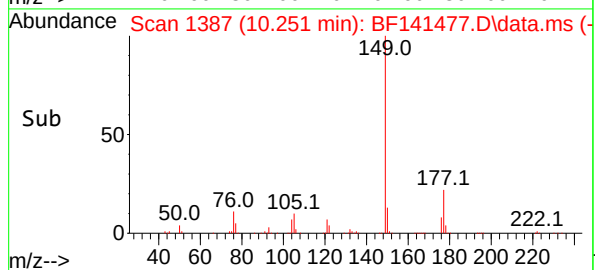
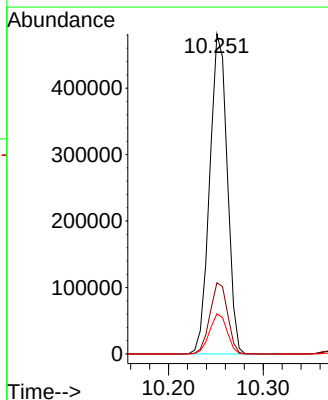
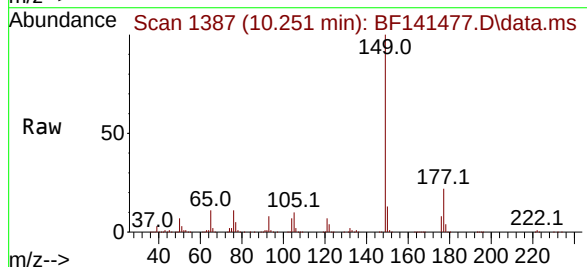
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

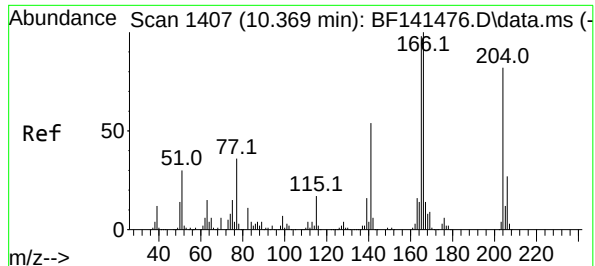
Tgt Ion:232 Resp: 165559
Ion Ratio Lower Upper
232 100
131 46.7 39.2 58.8
130 2.6 2.1 3.1
166 30.8 25.1 37.7



#60
Diethylphthalate
Concen: 48.647 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:149 Resp: 619064
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.5 10.1 15.1

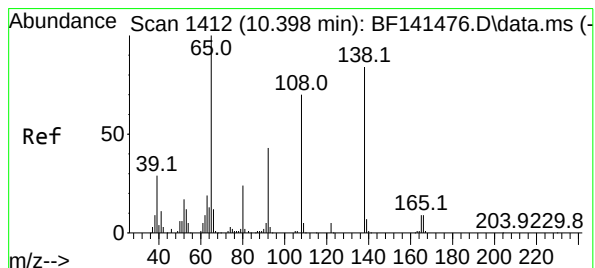
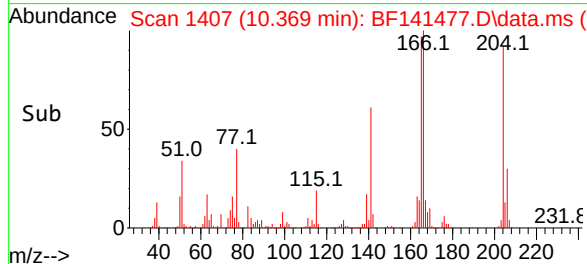
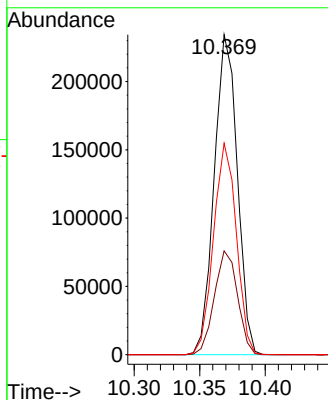
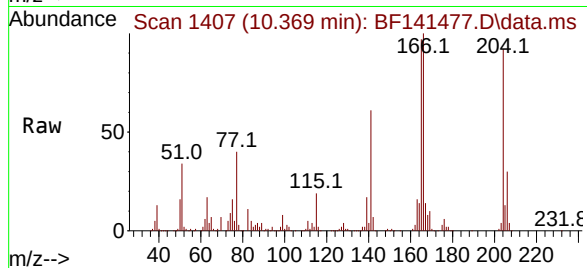




#61
4-Chlorophenyl-phenylether
Concen: 48.048 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

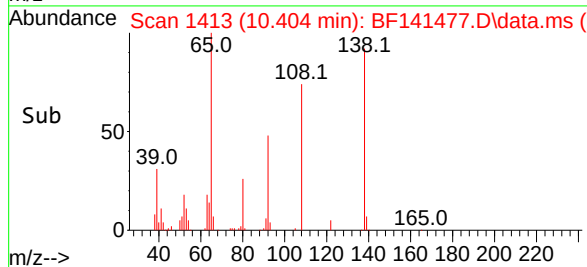
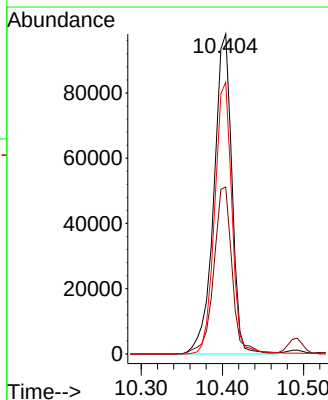
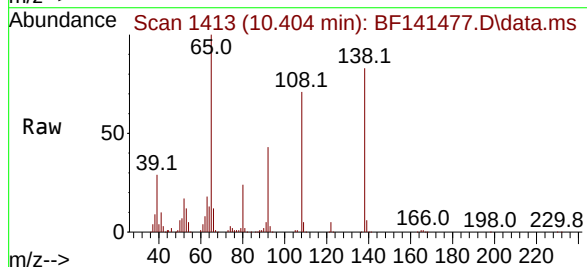
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

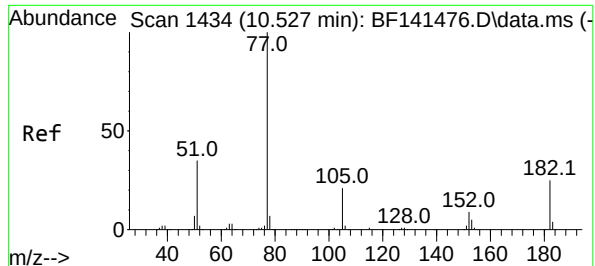
Tgt Ion:204 Resp: 286530
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 66.0 51.9 77.9



#62
4-Nitroaniline
Concen: 49.113 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:138 Resp: 151765
Ion Ratio Lower Upper
138 100
92 52.2 31.3 71.3
108 84.9 63.7 103.7

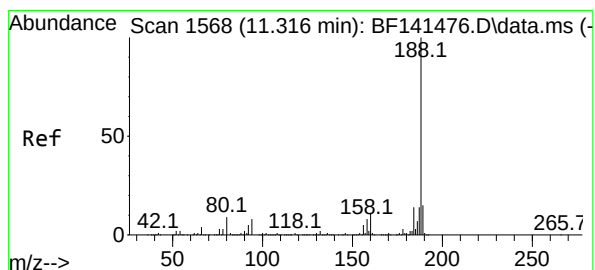
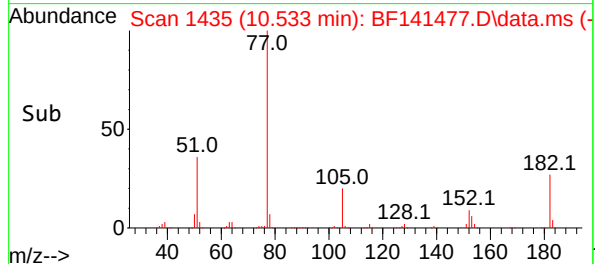
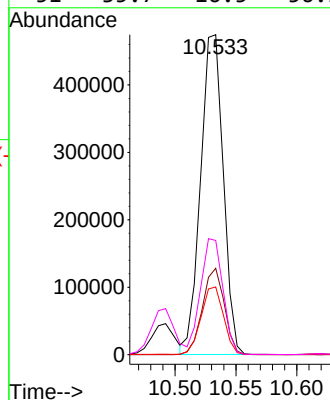
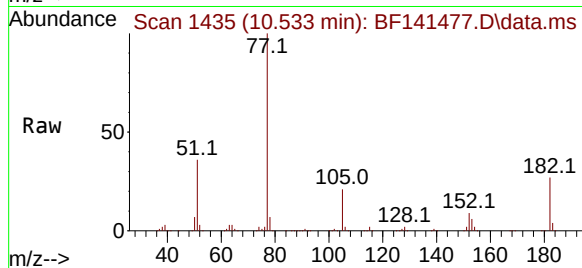




#63
Azobenzene
Concen: 48.742 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

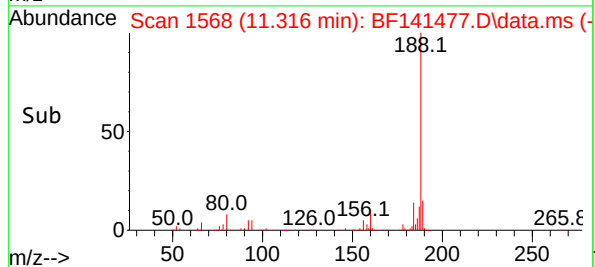
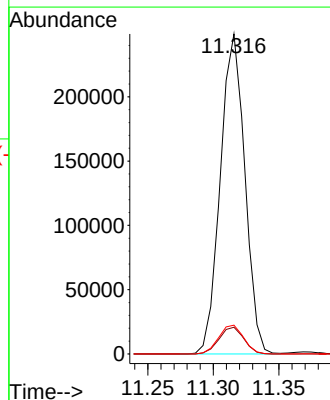
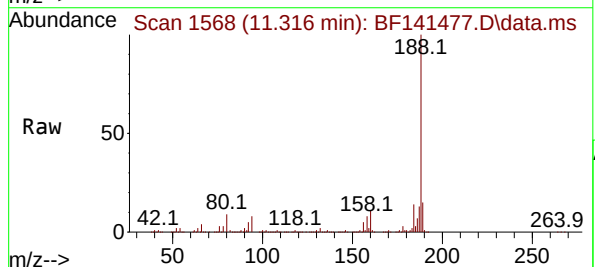
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

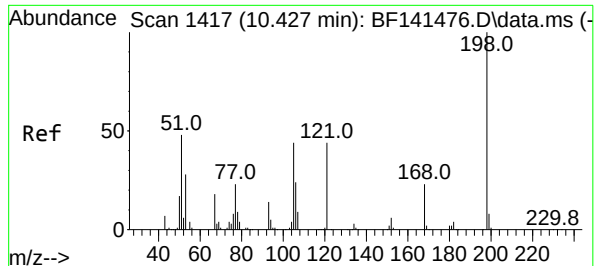
Tgt Ion: 77 Resp: 616638
Ion Ratio Lower Upper
77 100
182 27.0 4.7 44.7
105 21.1 0.4 40.4
51 35.7 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion: 188 Resp: 323702
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 7.3 10.9

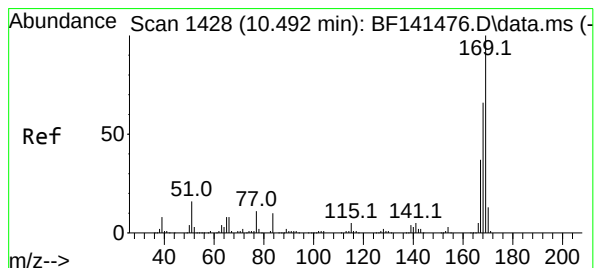
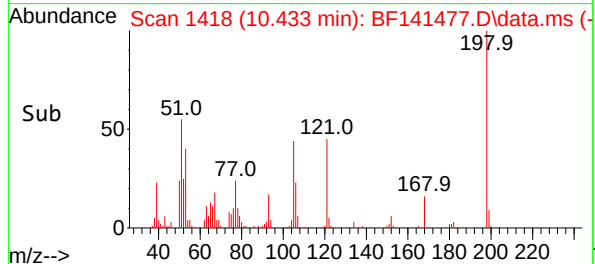
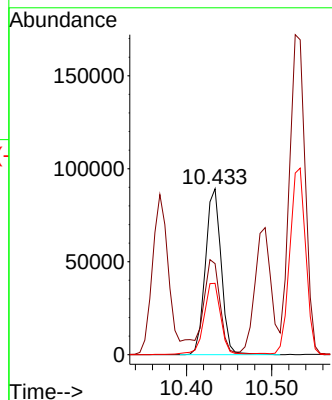
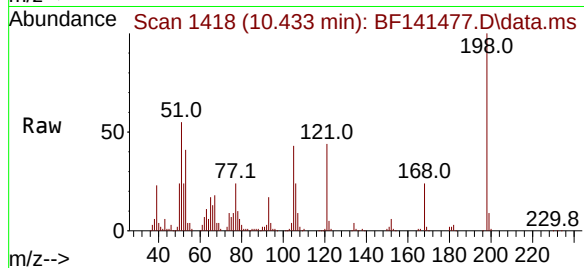




#65
4,6-Dinitro-2-methylphenol
Concen: 51.021 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

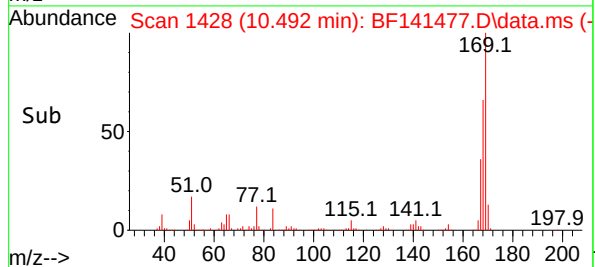
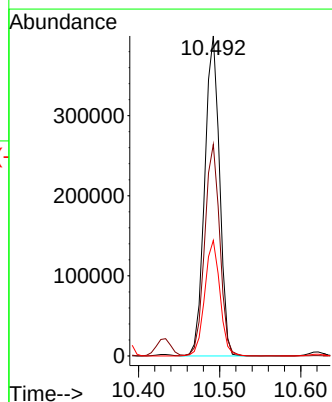
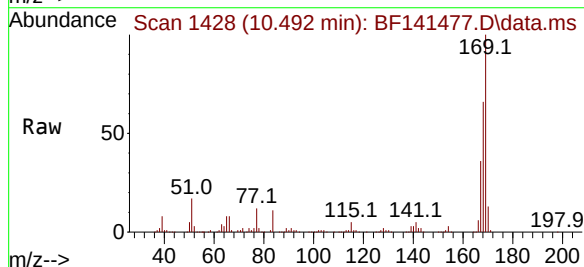
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

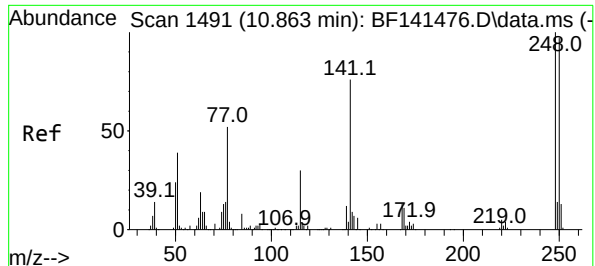
Tgt Ion:198 Resp: 114725
Ion Ratio Lower Upper
198 100
51 54.9 37.4 77.4
105 43.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 48.810 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:169 Resp: 505770
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 36.1 29.4 44.2

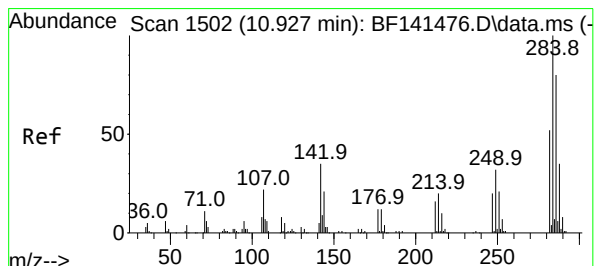
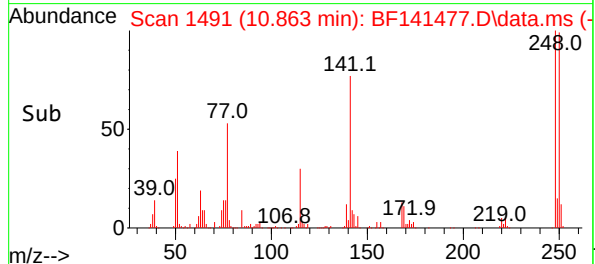
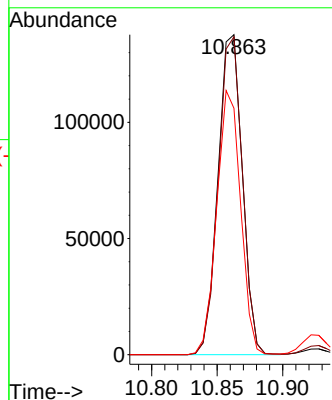
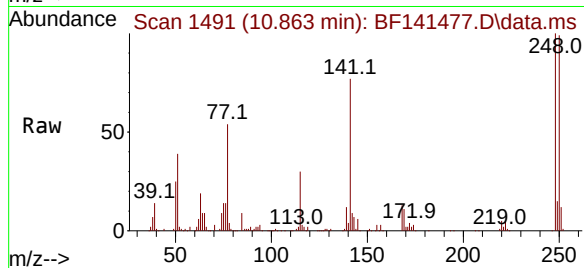




#67
4-Bromophenyl-phenylether
Concen: 49.135 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

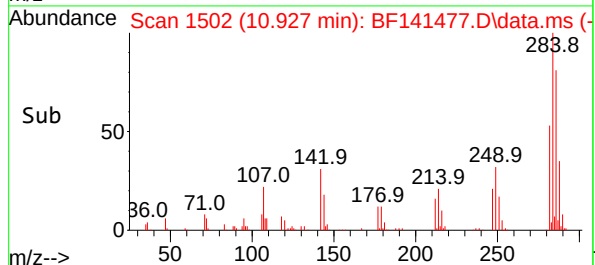
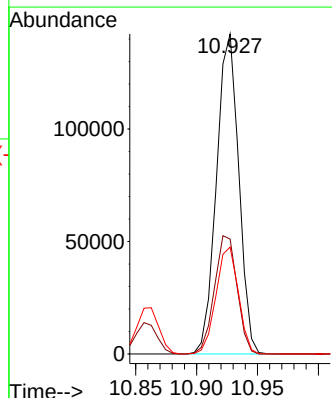
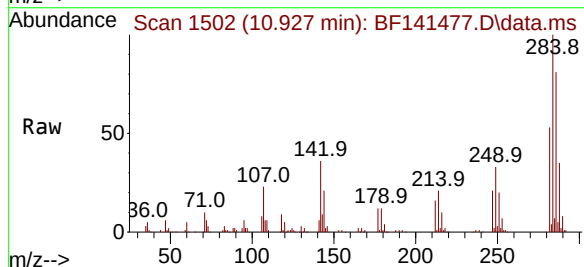
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

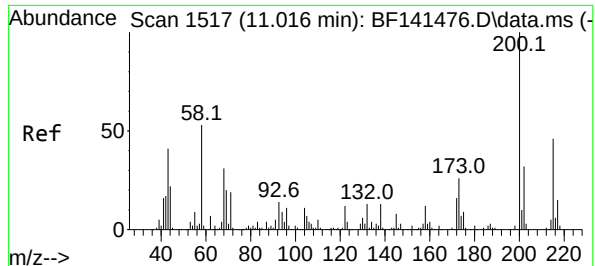
Tgt Ion:248 Resp: 177761
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.6
141 77.0 60.6 90.8



#68
Hexachlorobenzene
Concen: 48.567 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:284 Resp: 180930
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 33.4 25.8 38.8

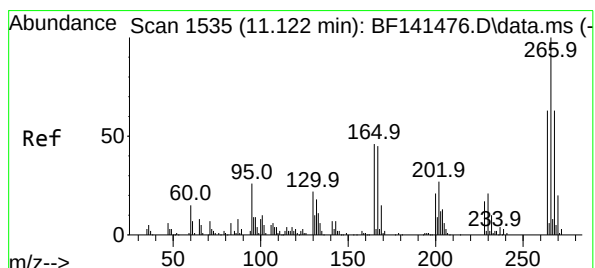
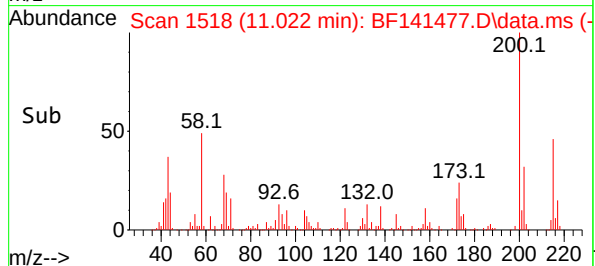
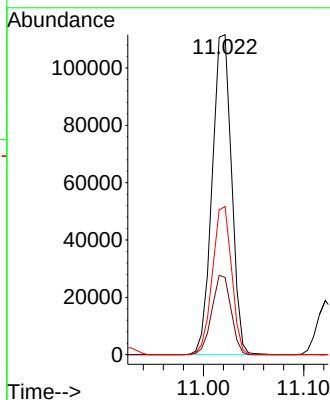
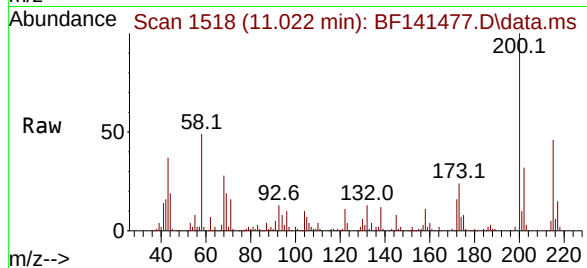




#69
Atrazine
Concen: 48.175 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.001 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

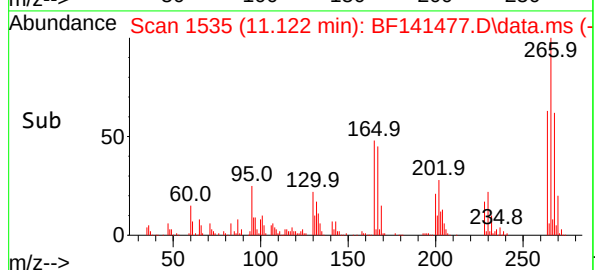
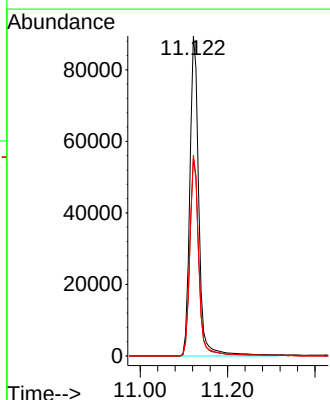
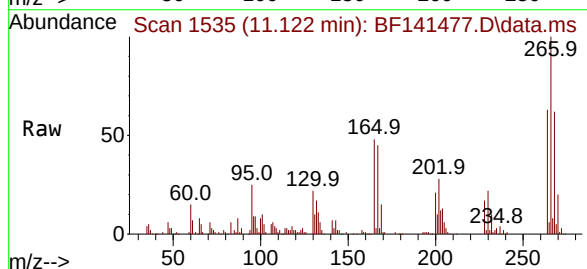
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

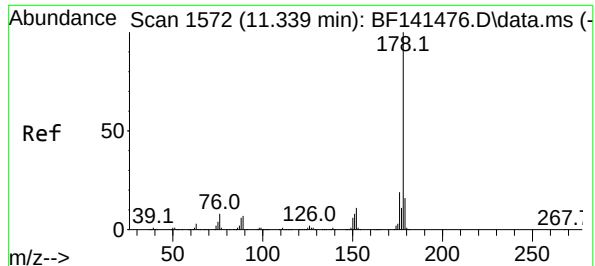
Tgt Ion:200 Resp: 149758
Ion Ratio Lower Upper
200 100
173 24.2 5.9 45.9
215 46.3 25.9 65.9



#70
Pentachlorophenol
Concen: 53.769 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:266 Resp: 128081
Ion Ratio Lower Upper
266 100
268 61.8 50.1 75.1
264 62.8 50.1 75.1

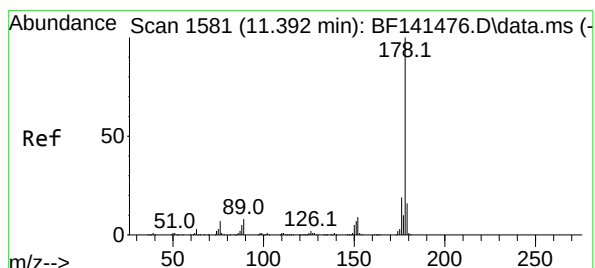
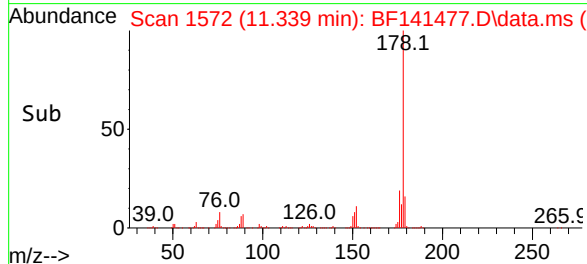
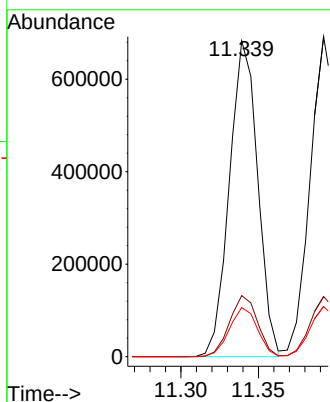
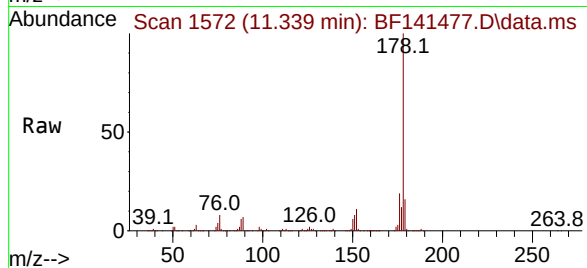




#71
Phenanthrene
Concen: 48.631 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

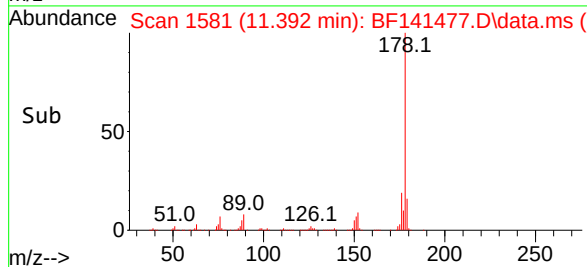
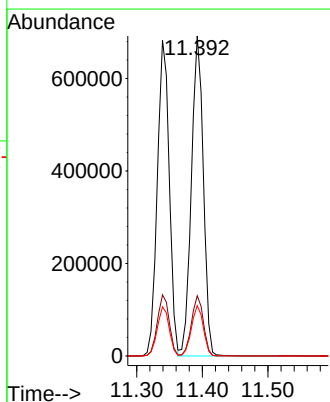
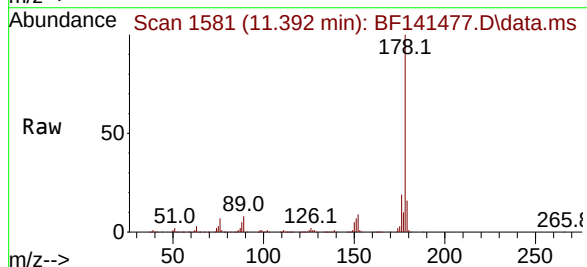
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

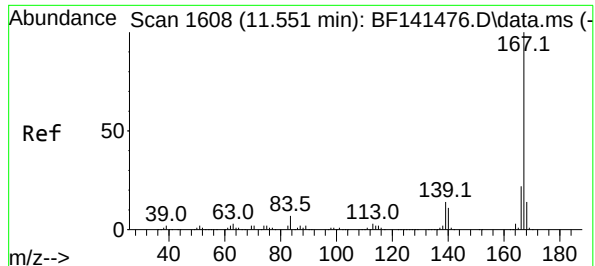
Tgt Ion:178 Resp: 866517
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 48.984 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:178 Resp: 877393
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.7 12.4 18.6

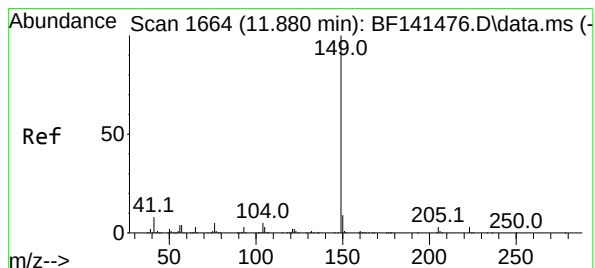
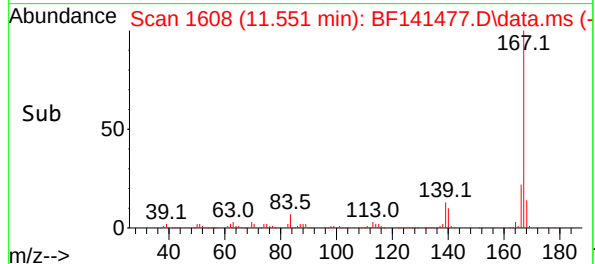
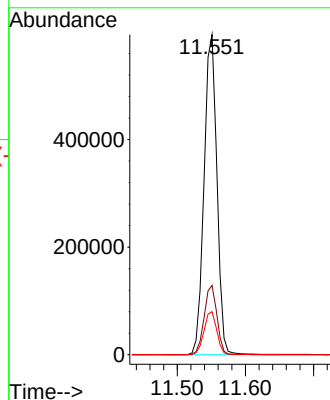
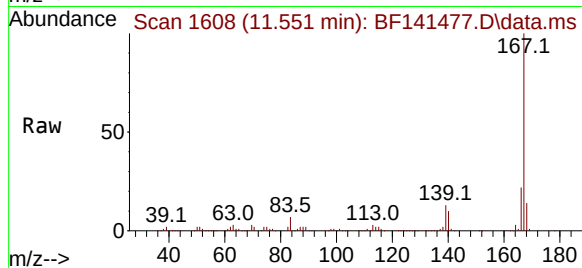




#73
Carbazole
Concen: 48.504 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

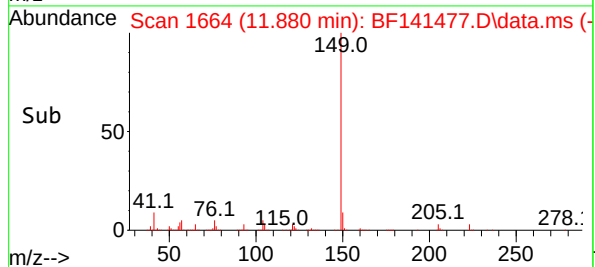
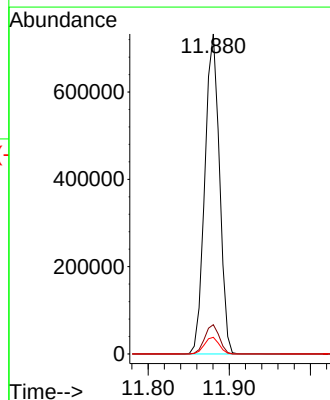
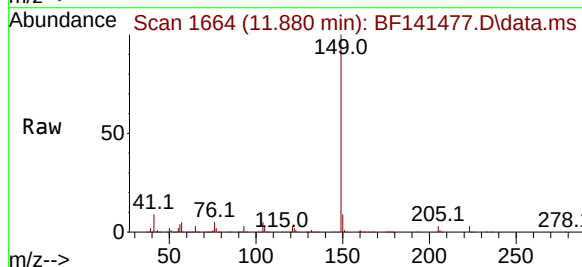
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

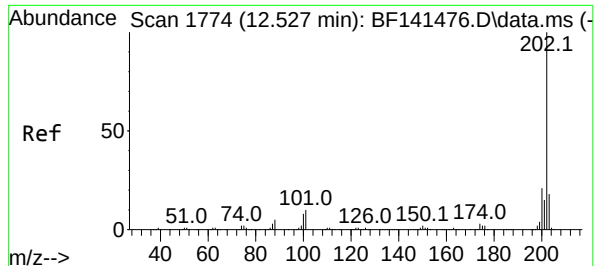
Tgt Ion:167 Resp: 781733
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.5 10.9 16.3



#74
Di-n-butylphthalate
Concen: 49.210 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:149 Resp: 915782
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2

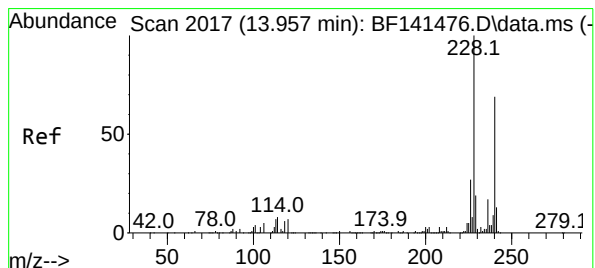
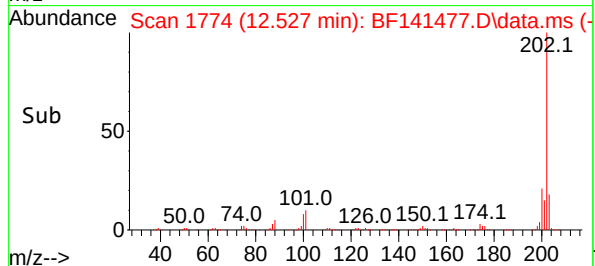
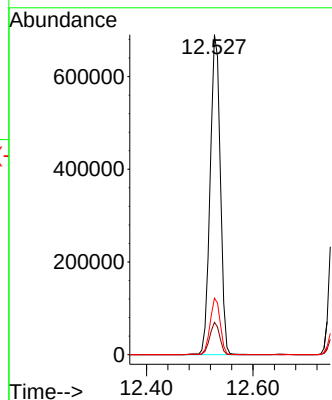
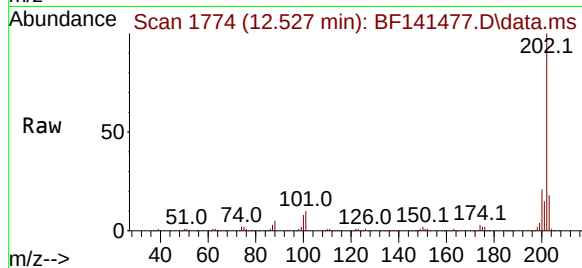




#75
Fluoranthene
Concen: 48.367 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

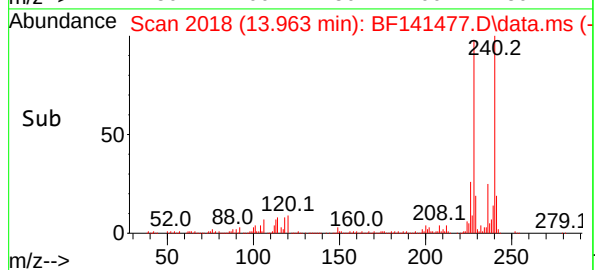
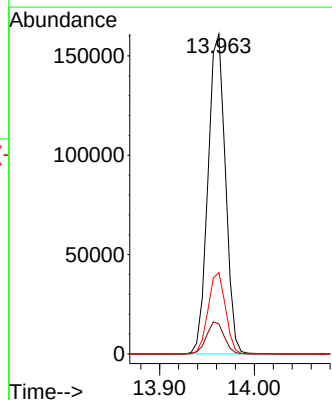
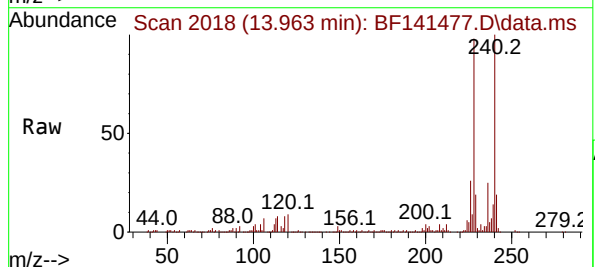
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

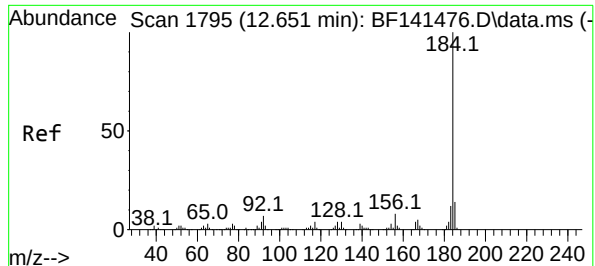
Tgt Ion:202 Resp: 913699
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:240 Resp: 205879
Ion Ratio Lower Upper
240 100
120 9.4 8.0 12.0
236 25.4 19.8 29.8

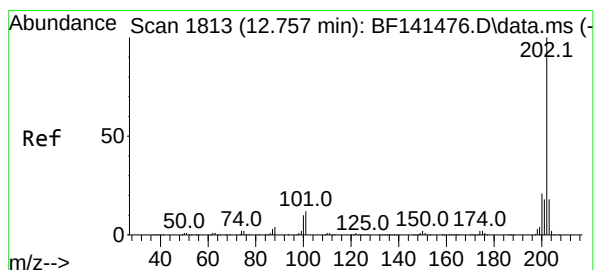
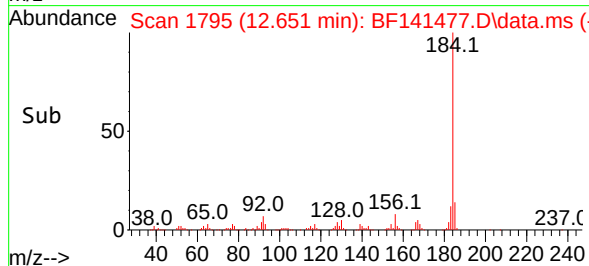
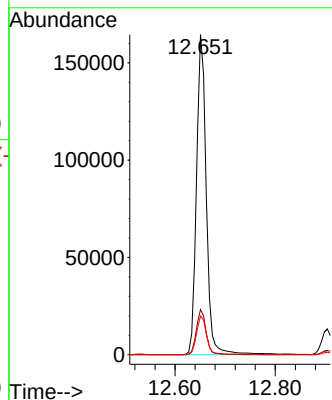
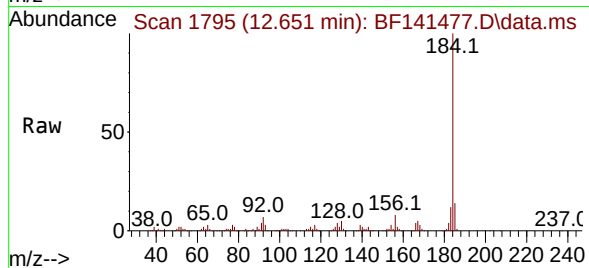




#77
Benzidine
Concen: 49.026 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

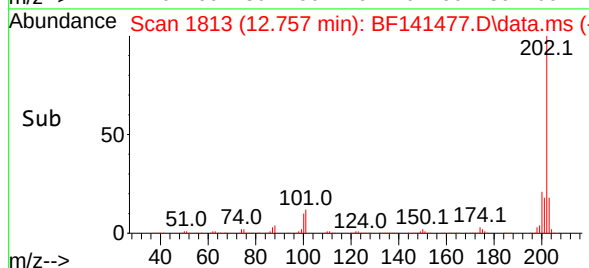
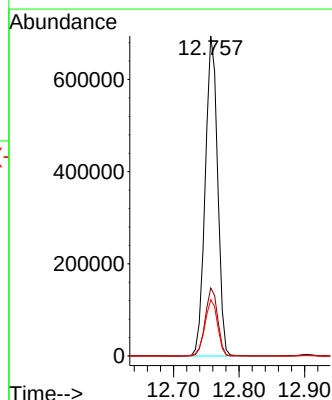
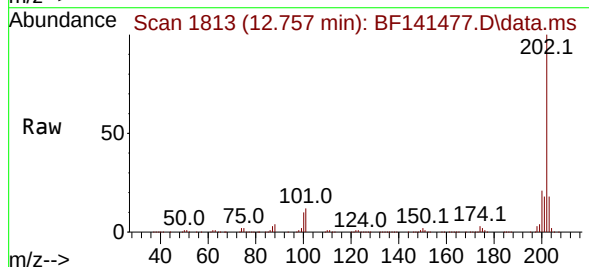
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

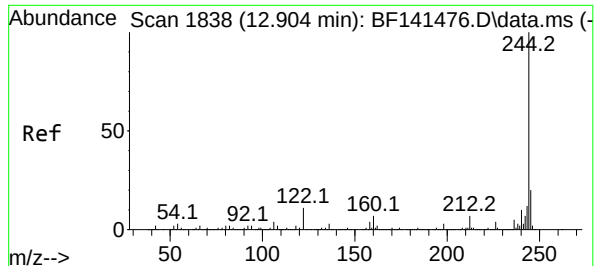
Tgt Ion:184 Resp: 222606
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 52.106 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

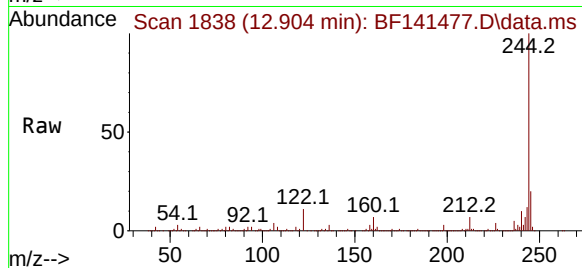
Tgt Ion:202 Resp: 913198
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.6 14.3 21.5



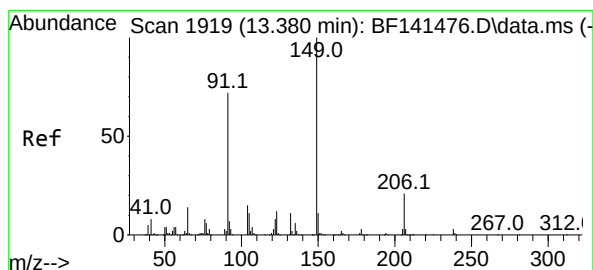
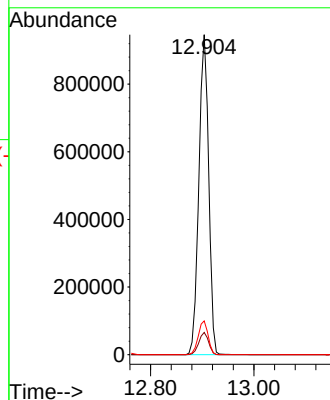
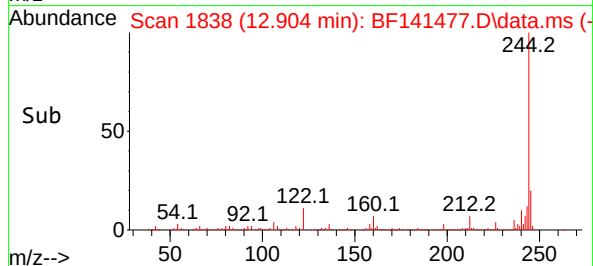


#79
Terphenyl-d14
Concen: 102.010 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

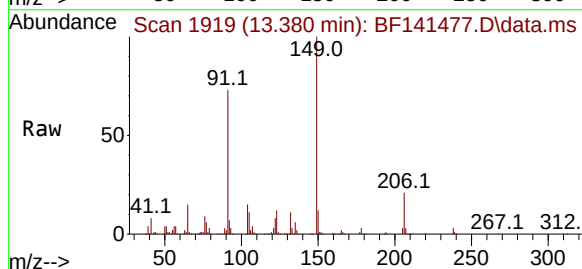
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



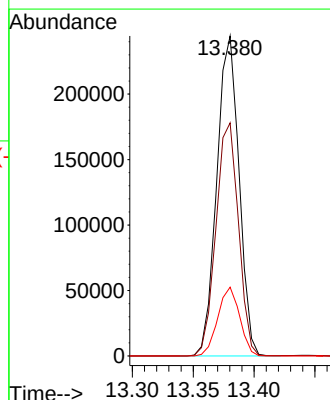
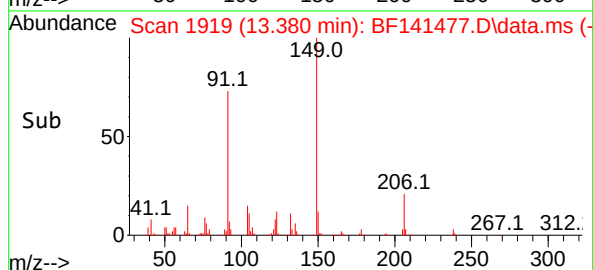
Tgt Ion:244 Resp: 1244053
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.5 8.4 12.6

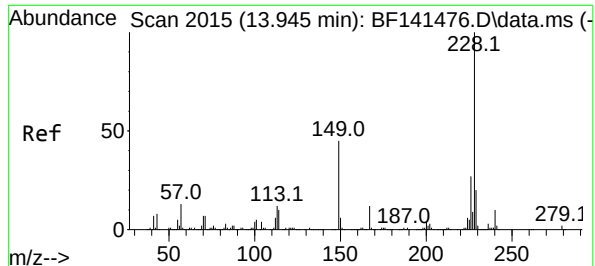


#80
Butylbenzylphthalate
Concen: 51.168 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21



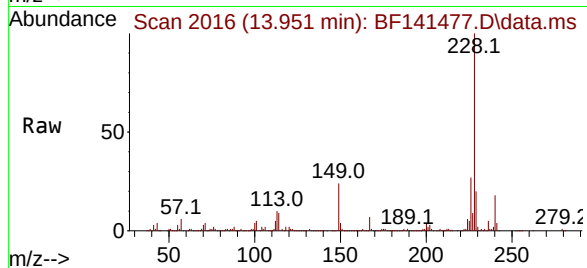
Tgt Ion:149 Resp: 310612
Ion Ratio Lower Upper
149 100
91 72.8 57.8 86.8
206 21.5 16.7 25.1



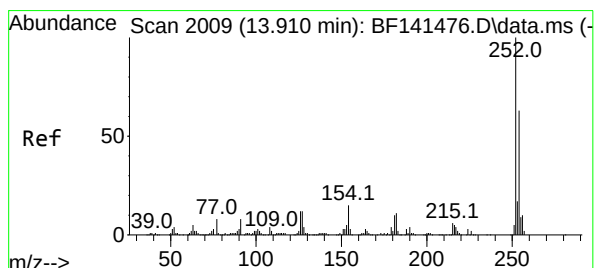
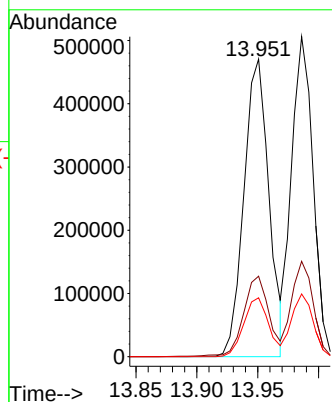
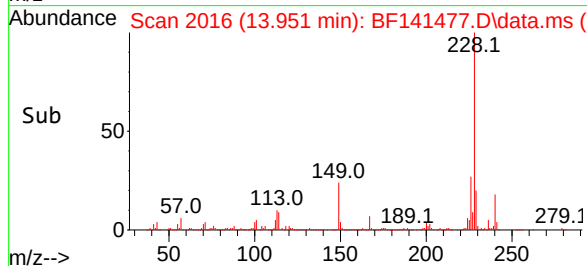


#81
Benzo(a)anthracene
Concen: 49.234 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

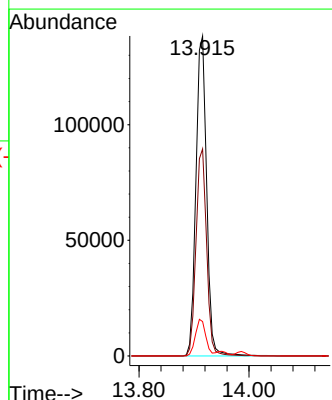
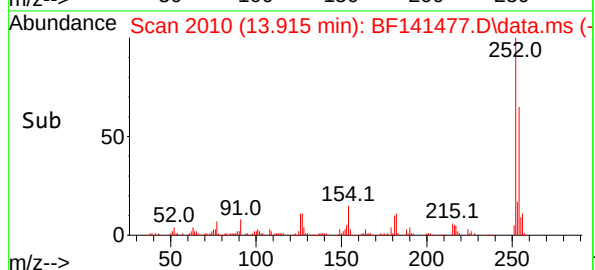
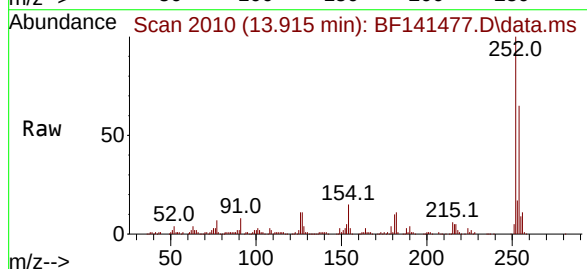


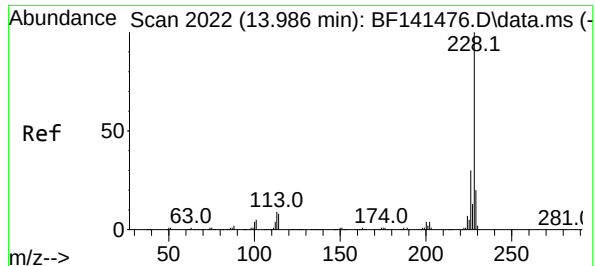
Tgt Ion:228 Resp: 673785
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 47.650 ng
RT: 13.915 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:252 Resp: 186802
Ion Ratio Lower Upper
252 100
254 64.7 50.6 76.0
126 10.8 9.3 13.9





#83

Chrysene

Concen: 49.505 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

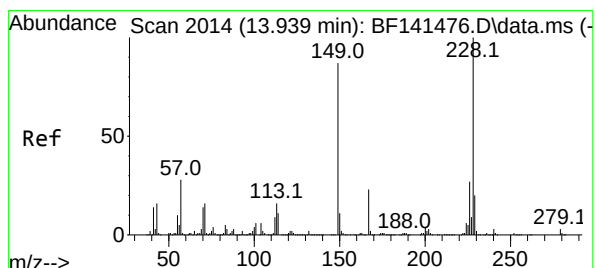
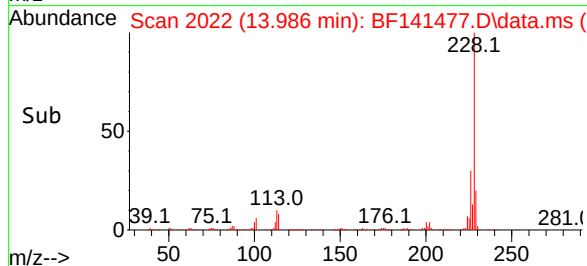
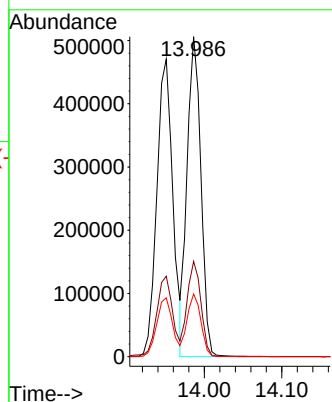
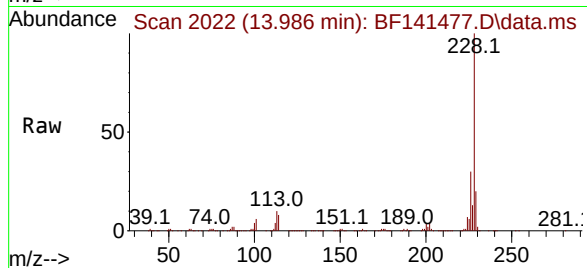
Tgt Ion:228 Resp: 625572

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.138 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

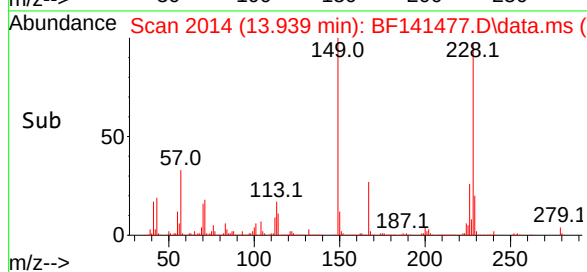
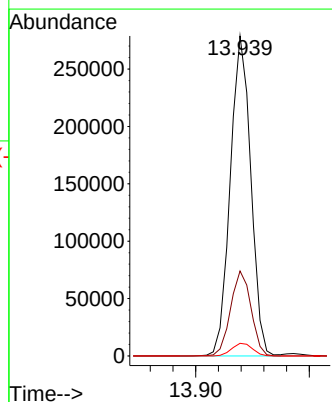
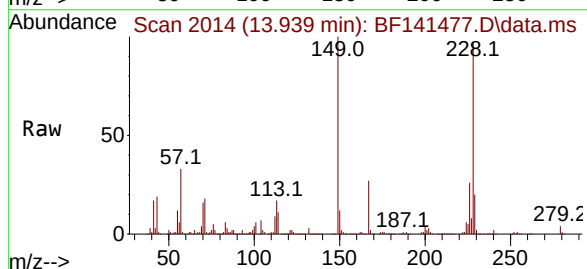
Tgt Ion:149 Resp: 350121

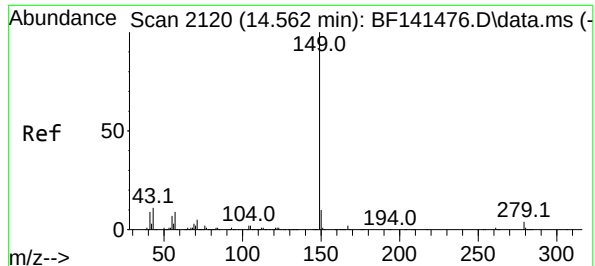
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.0 3.1 4.7

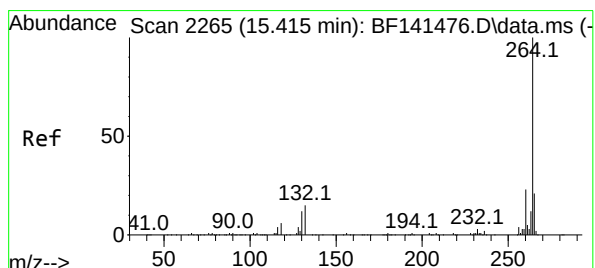
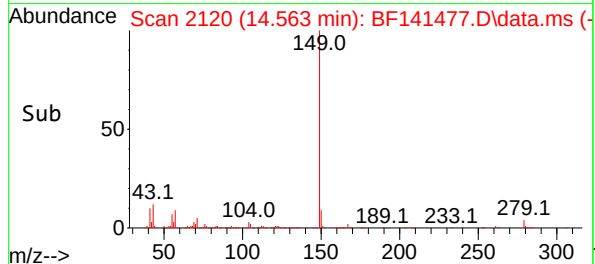
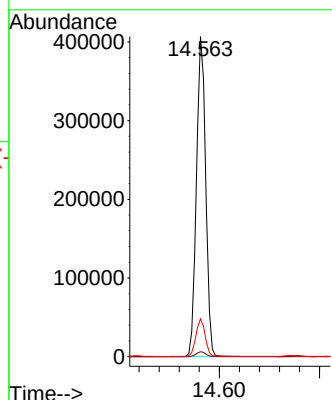
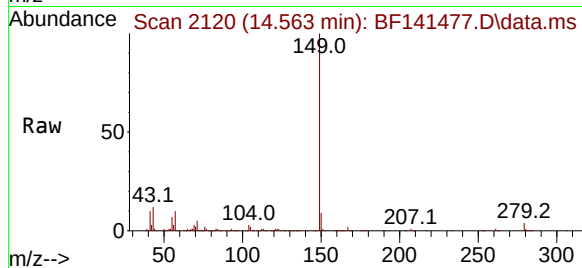




#85
Di-n-octyl phthalate
Concen: 53.213 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

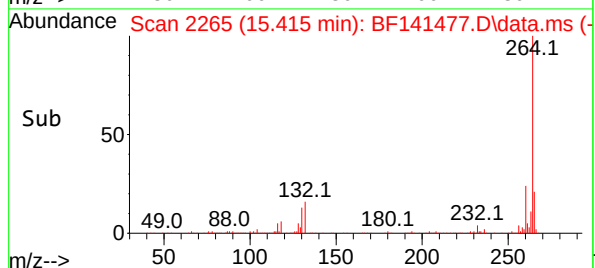
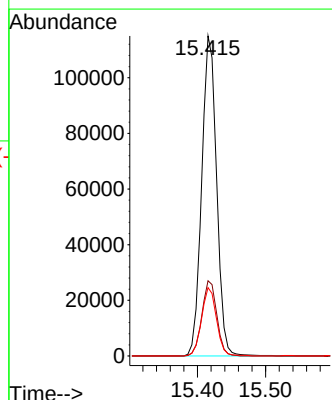
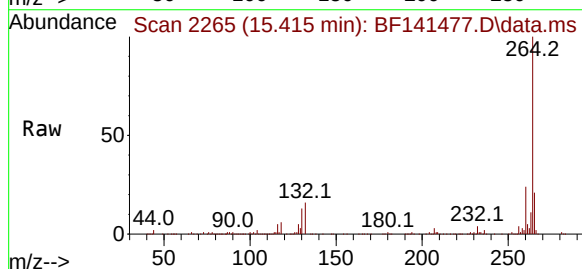
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

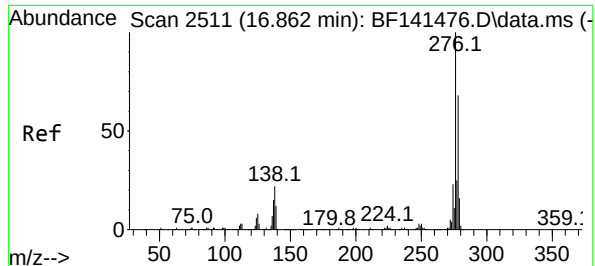
Tgt Ion:149 Resp: 519741
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:264 Resp: 174906
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.0 25.4

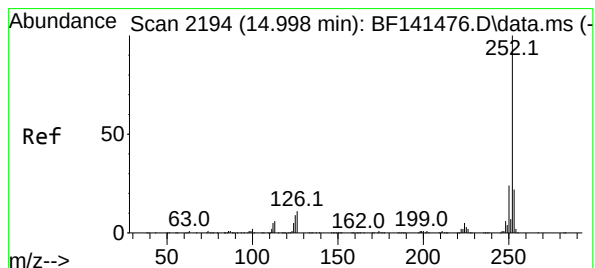
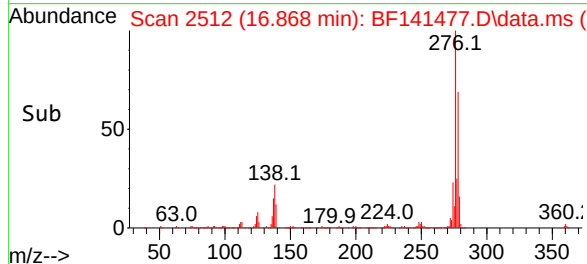
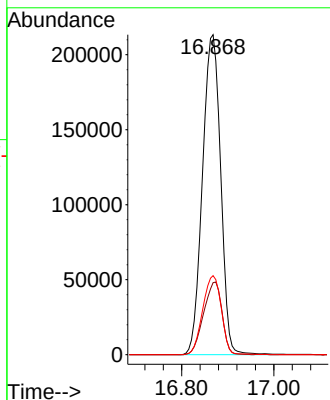
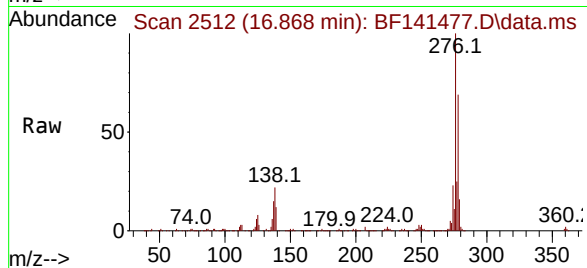




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.277 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

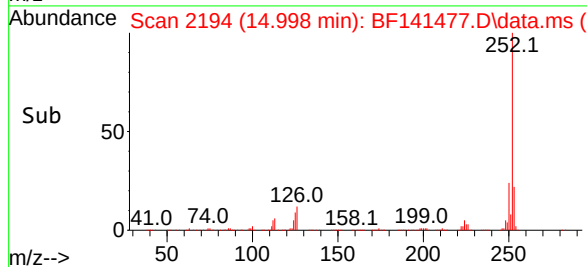
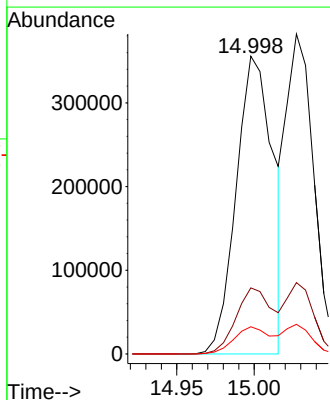
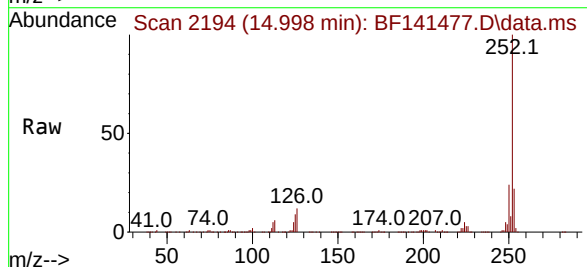
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

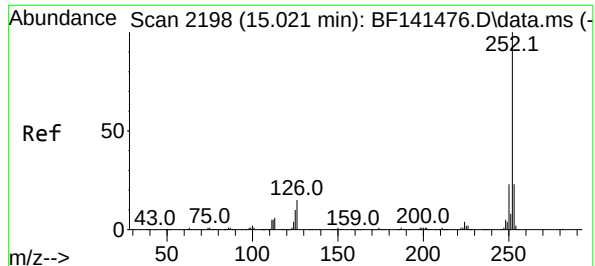
Tgt Ion:276 Resp: 586584
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 50.251 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141477.D
Acq: 06 Feb 2025 13:21

Tgt Ion:252 Resp: 590149
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.814 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

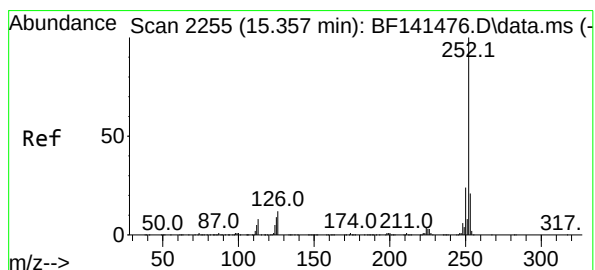
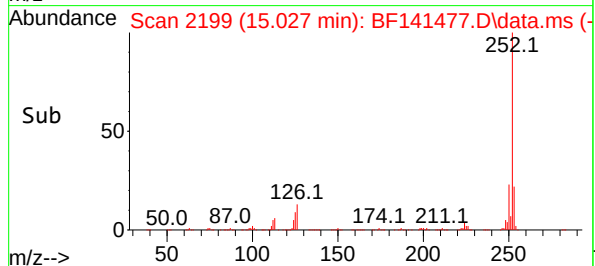
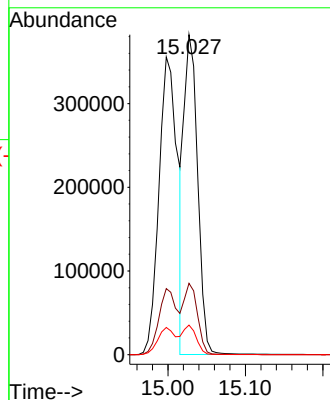
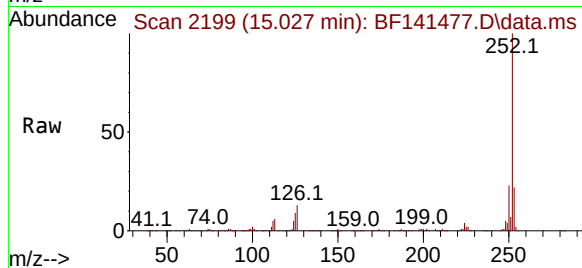
Tgt Ion:252 Resp: 469466

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.173 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

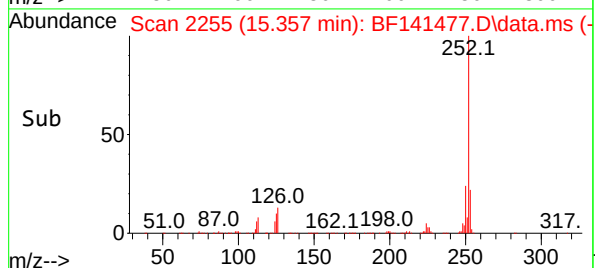
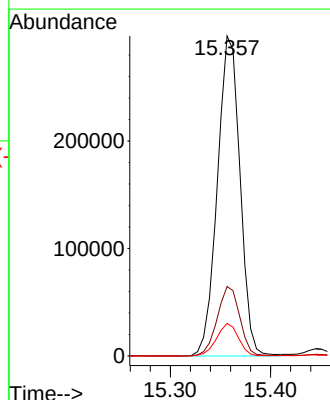
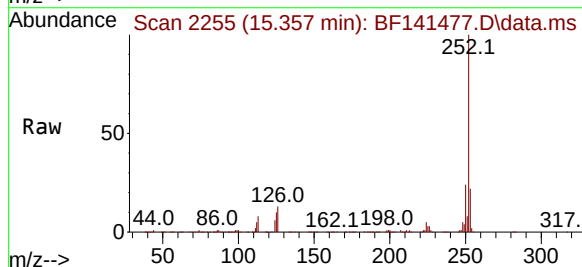
Tgt Ion:252 Resp: 467288

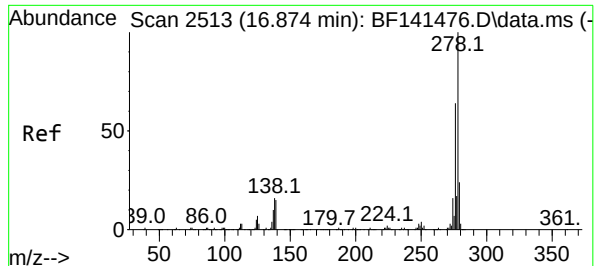
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.2 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 54.503 ng

RT: 16.880 min Scan# 2513

Delta R.T. -0.012 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

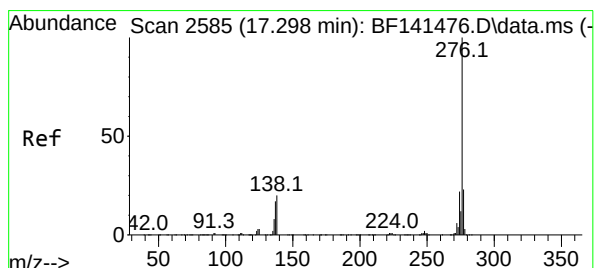
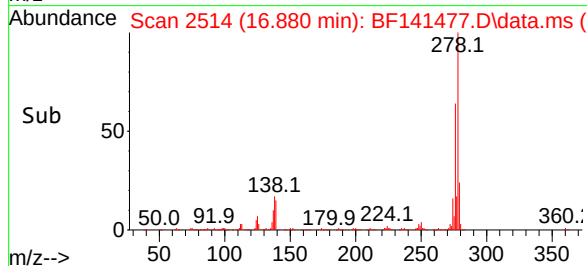
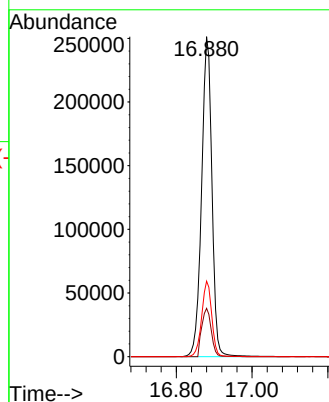
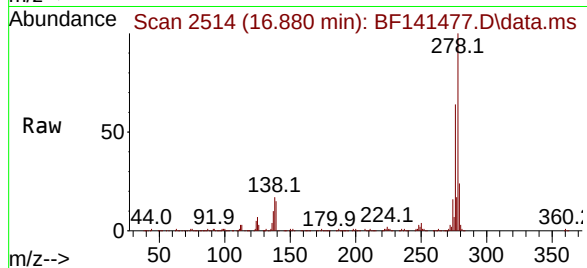
Tgt Ion:278 Resp: 477285

Ion Ratio Lower Upper

278 100

139 15.1 11.8 17.6

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 54.592 ng

RT: 17.304 min Scan# 2586

Delta R.T. -0.012 min

Lab File: BF141477.D

Acq: 06 Feb 2025 13:21

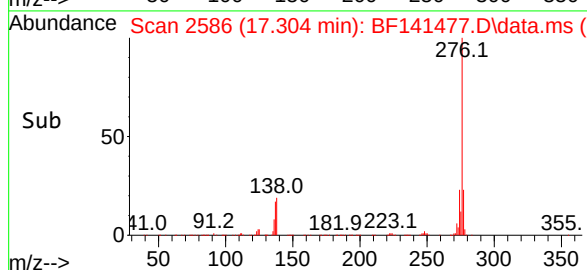
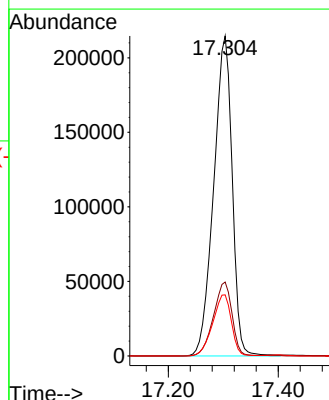
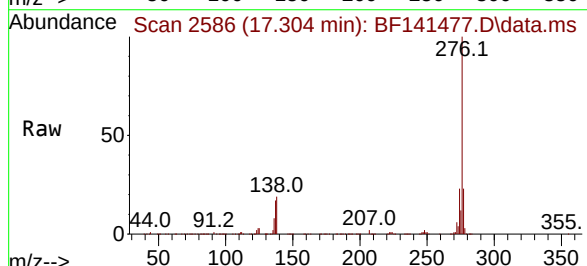
Tgt Ion:276 Resp: 500274

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 19.1 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141478.D
 Acq On : 06 Feb 2025 13:47
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Feb 06 16:00:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	88704	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	344609	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	186729	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	321893	20.000	ng	0.00
76) Chrysene-d12	13.962	240	197108	20.000	ng	0.00
86) Perylene-d12	15.415	264	171026	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	672709	118.894	ng	0.00
7) Phenol-d6	6.434	99	843410	117.937	ng	0.00
23) Nitrobenzene-d5	7.357	82	788550	119.351	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	225049	119.976	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1410277	116.358	ng	0.00
79) Terphenyl-d14	12.904	244	1459213	124.977	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.481	88	138751	60.929	ng 99
3) Pyridine	3.210	79	335519	61.916	ng 99
4) n-Nitrosodimethylamine	3.175	42	225031	62.715	ng 98
6) Aniline	6.457	93	397494	59.254	ng 99
8) 2-Chlorophenol	6.581	128	358027	58.561	ng 97
9) Benzaldehyde	6.339	77	187887	49.441	ng 100
10) Phenol	6.451	94	437528	58.782	ng 98
11) bis(2-Chloroethyl)ether	6.534	93	335957	60.093	ng 99
12) 1,3-Dichlorobenzene	6.734	146	380433	58.941	ng 98
13) 1,4-Dichlorobenzene	6.810	146	382812	58.050	ng 98
14) 1,2-Dichlorobenzene	6.963	146	357837	58.465	ng 99
15) Benzyl Alcohol	6.939	79	324244	59.125	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	553943	57.883	ng 91
17) 2-Methylphenol	7.057	107	283563	59.272	ng 97
18) Hexachloroethane	7.304	117	144816	59.337	ng 96
19) n-Nitroso-di-n-propyla...	7.210	70	250412	58.540	ng 99
20) 3+4-Methylphenols	7.210	107	350980	57.722	ng 92
22) Acetophenone	7.204	105	504294	58.828	ng 99
24) Nitrobenzene	7.381	77	387174	60.096	ng 100
25) Isophorone	7.616	82	638004	60.562	ng 99
26) 2-Nitrophenol	7.692	139	199140	62.128	ng 97
27) 2,4-Dimethylphenol	7.733	122	227803	60.836	ng 99
28) bis(2-Chloroethoxy)met...	7.828	93	404195	59.877	ng 100
29) 2,4-Dichlorophenol	7.939	162	301959	59.683	ng 99
30) 1,2,4-Trichlorobenzene	8.016	180	328150	59.561	ng 99
31) Naphthalene	8.098	128	1056367	58.889	ng 100
32) Benzoic acid	7.875	122	250995	64.532	ng 99
33) 4-Chloroaniline	8.151	127	376211	60.070	ng 99
34) Hexachlorobutadiene	8.210	225	197955	59.849	ng 99
35) Caprolactam	8.533	113	94415	61.291	ng 97
36) 4-Chloro-3-methylphenol	8.639	107	335897	59.935	ng 99
37) 2-Methylnaphthalene	8.786	142	688021	58.941	ng 99
38) 1-Methylnaphthalene	8.886	142	661628	58.522	ng 99
40) 1,2,4,5-Tetrachloroben...	8.951	216	321763	59.560	ng 99
41) Hexachlorocyclopentadiene	8.939	237	120063	66.819	ng 100
43) 2,4,6-Trichlorophenol	9.069	196	211702	60.632	ng 98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141478.D
 Acq On : 06 Feb 2025 13:47
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

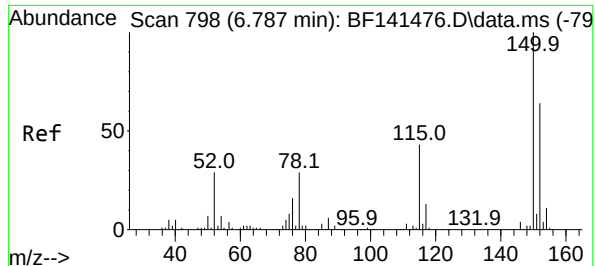
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	229006	60.519	ng	98
46) 1,1'-Biphenyl	9.251	154	861067	59.479	ng	100
47) 2-Chloronaphthalene	9.275	162	636511	59.459	ng	99
48) 2-Nitroaniline	9.375	65	224709	62.547	ng	99
49) Acenaphthylene	9.692	152	946382	59.436	ng	100
50) Dimethylphthalate	9.557	163	751128	59.253	ng	99
51) 2,6-Dinitrotoluene	9.622	165	167387	60.403	ng	100
52) Acenaphthene	9.863	154	631289	58.974	ng	99
53) 3-Nitroaniline	9.792	138	179664	60.237	ng	100
54) 2,4-Dinitrophenol	9.898	184	111060	67.432	ng	96
55) Dibenzofuran	10.039	168	915117	58.242	ng	100
56) 4-Nitrophenol	9.963	139	143994	65.035	ng	97
57) 2,4-Dinitrotoluene	10.022	165	222091	60.202	ng	99
58) Fluorene	10.380	166	707371	58.225	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	198636	60.972	ng	99
60) Diethylphthalate	10.257	149	732804	58.755	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	342324	58.570	ng	98
62) 4-Nitroaniline	10.404	138	182946	60.406	ng	96
63) Azobenzene	10.533	77	739338	59.629	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	140610	62.884	ng	99
66) n-Nitrosodiphenylamine	10.492	169	603914	58.609	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	213385	59.314	ng	98
68) Hexachlorobenzene	10.927	284	220611	59.552	ng	98
69) Atrazine	11.021	200	175824	56.878	ng	99
70) Pentachlorophenol	11.121	266	153971	65.001	ng	100
71) Phenanthrene	11.345	178	1032075	58.248	ng	100
72) Anthracene	11.392	178	1034181	58.062	ng	99
73) Carbazole	11.551	167	927882	57.896	ng	100
74) Di-n-butylphthalate	11.880	149	1087815	58.783	ng	99
75) Fluoranthene	12.533	202	1053887	56.102	ng	100
77) Benzidine	12.651	184	207602	47.757	ng	99
78) Pyrene	12.763	202	1068624	63.687	ng	99
80) Butylbenzylphthalate	13.380	149	368219	63.357	ng	99
81) Benzo(a)anthracene	13.951	228	774318	59.097	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	208826	55.639	ng	98
83) Chrysene	13.986	228	723815	59.829	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	411979	62.851	ng	100
85) Di-n-octyl phthalate	14.562	149	621505	66.464	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	723493	68.464	ng	100
88) Benzo(b)fluoranthene	14.998	252	695617	60.575	ng	99
89) Benzo(k)fluoranthene	15.027	252	563342	57.449	ng	99
90) Benzo(a)pyrene	15.357	252	561457	60.423	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	584115	68.216	ng	99
92) Benzo(g,h,i)perylene	17.309	276	617241	68.884	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

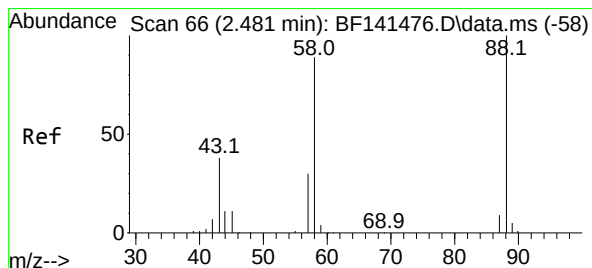
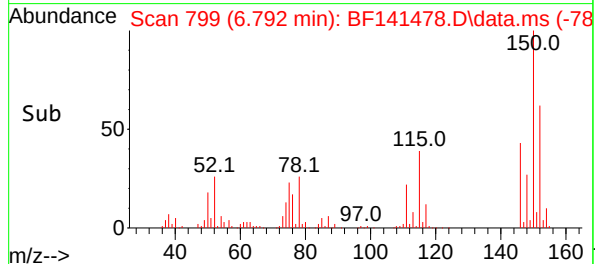
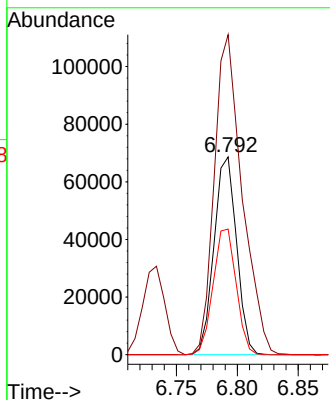
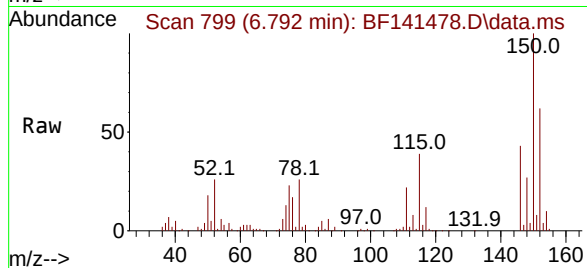
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

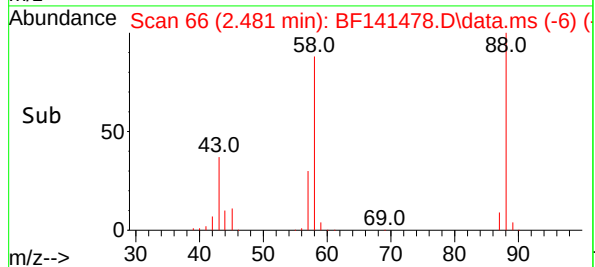
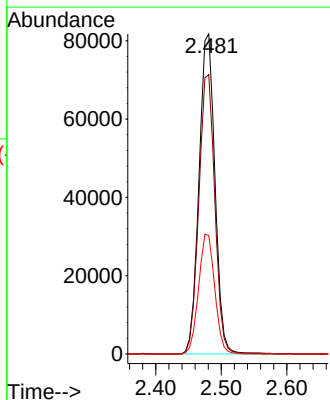
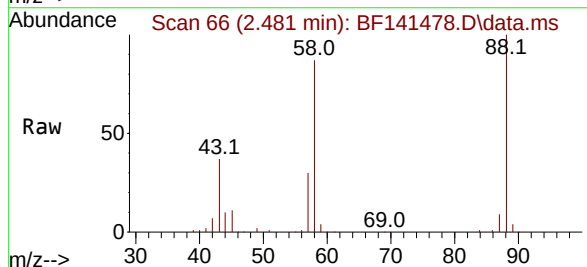
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

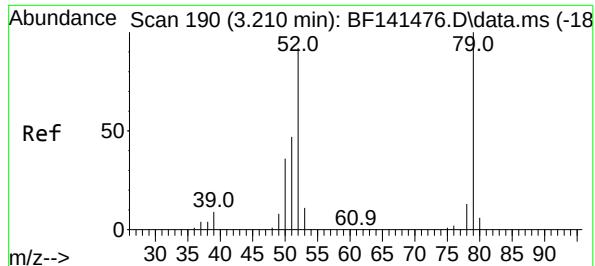
Tgt Ion:152 Resp: 88704
Ion Ratio Lower Upper
152 100
150 161.8 125.0 187.4
115 63.6 53.6 80.4



#2
1,4-Dioxane
Concen: 60.929 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 88 Resp: 138751
Ion Ratio Lower Upper
88 100
58 87.5 71.1 106.7
43 37.9 30.6 46.0





#3

Pyridine

Concen: 61.916 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

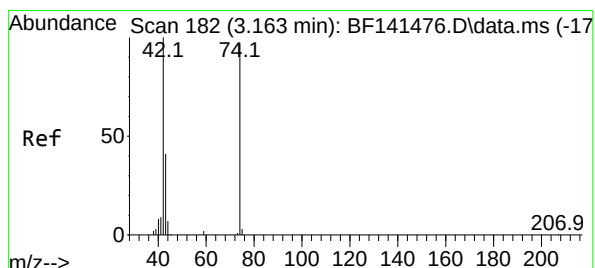
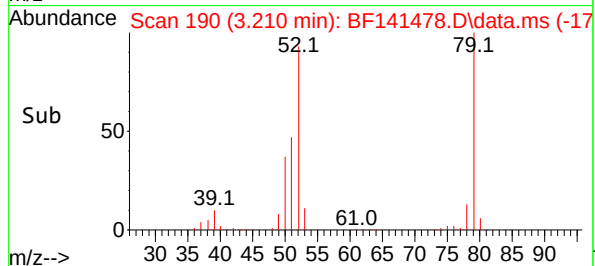
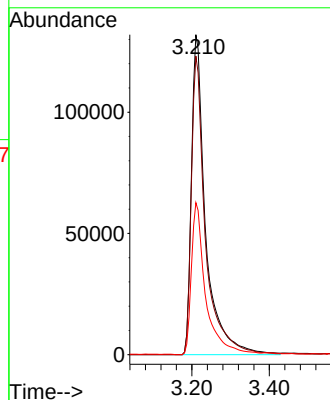
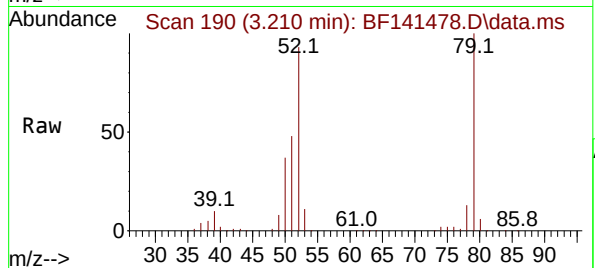
Tgt Ion: 79 Resp: 335519

Ion Ratio Lower Upper

79 100

52 93.3 73.7 110.5

51 47.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 62.715 ng

RT: 3.175 min Scan# 184

Delta R.T. -0.012 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

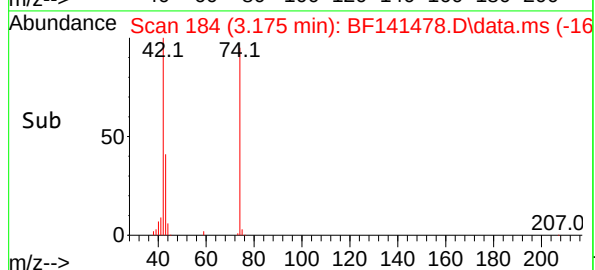
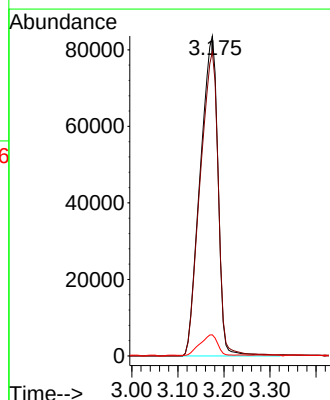
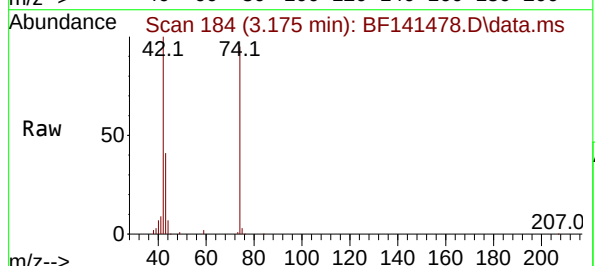
Tgt Ion: 42 Resp: 225031

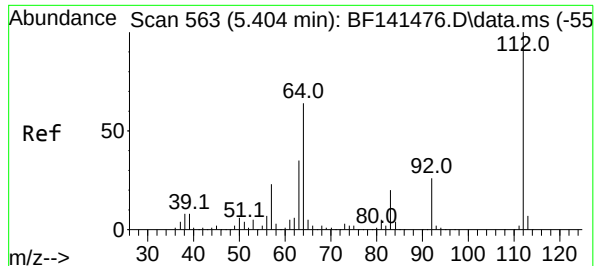
Ion Ratio Lower Upper

42 100

74 95.0 78.0 117.0

44 6.6 5.4 8.2

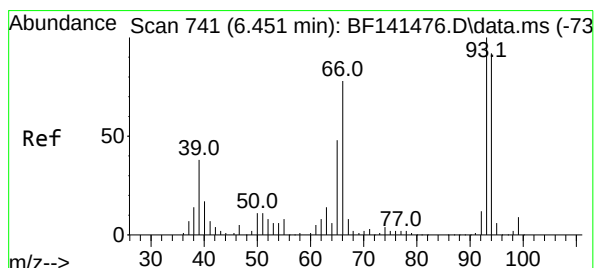
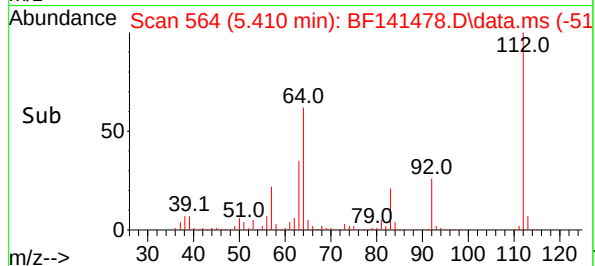
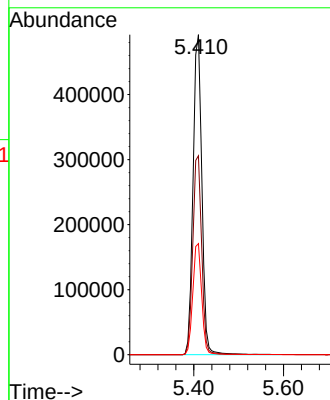
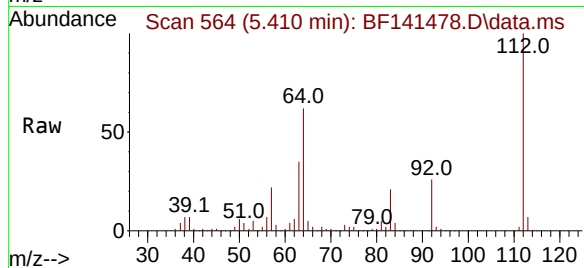




#5
2-Fluorophenol
Concen: 118.894 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

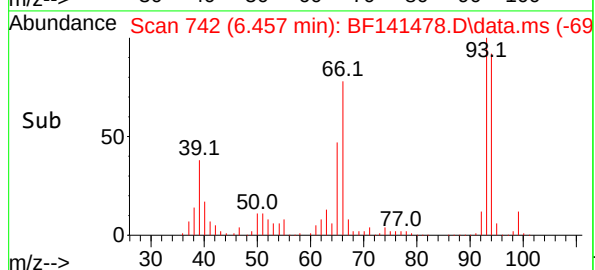
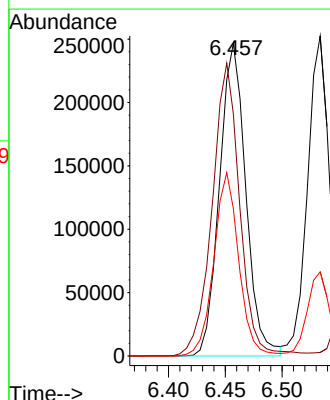
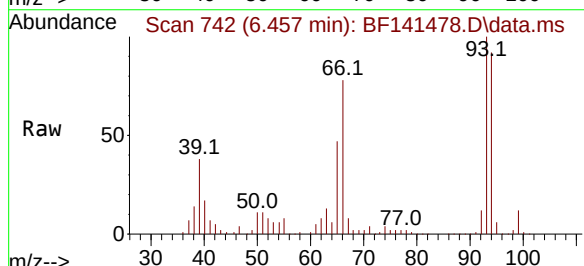
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

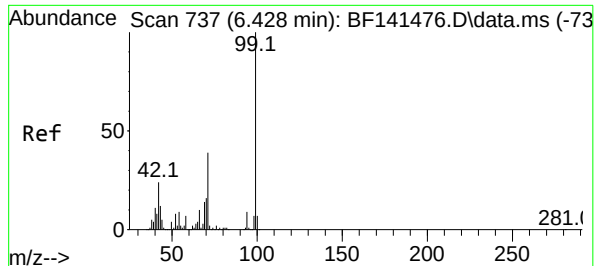
Tgt Ion:112 Resp: 672709
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 34.7 28.4 42.6



#6
Aniline
Concen: 59.254 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 93 Resp: 397494
Ion Ratio Lower Upper
93 100
66 77.6 62.6 94.0
65 47.2 38.3 57.5

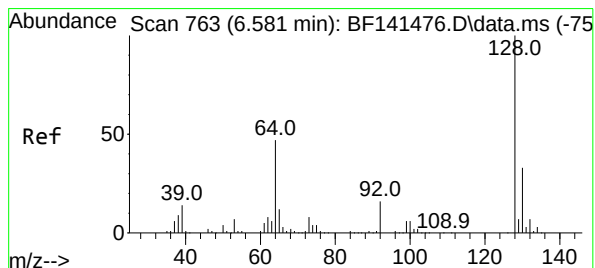
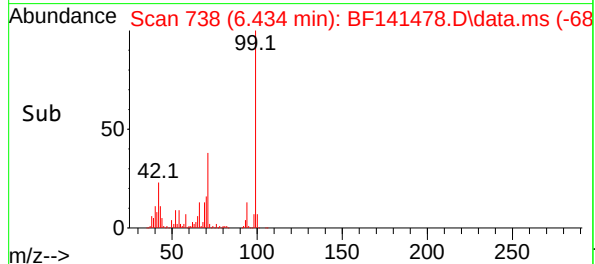
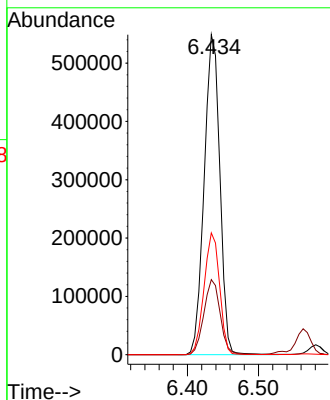
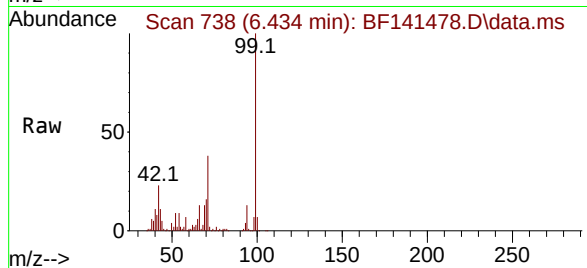




#7
Phenol-d6
Concen: 117.937 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

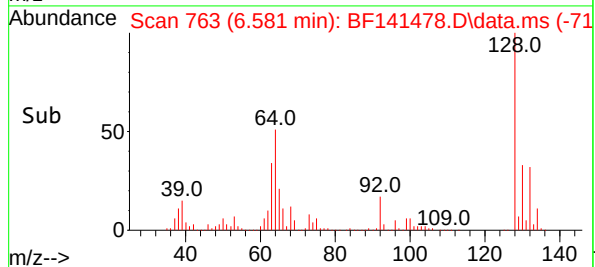
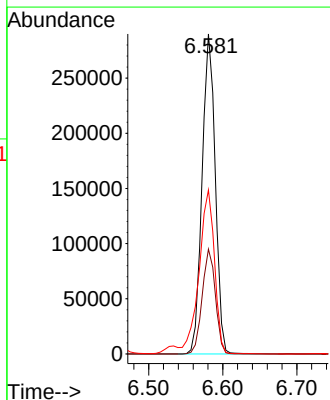
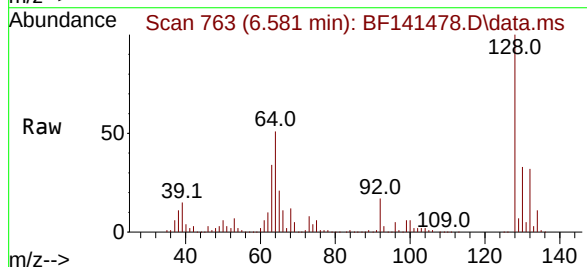
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

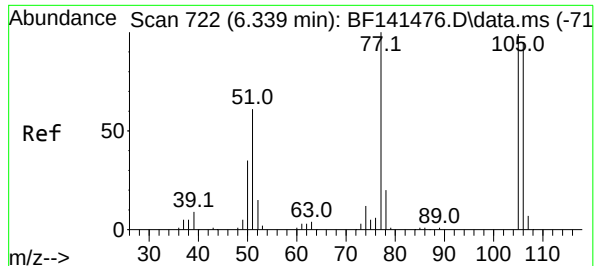
Tgt Ion: 99 Resp: 843410
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 38.0 31.1 46.7



#8
2-Chlorophenol
Concen: 58.561 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 128 Resp: 358027
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 51.3 28.3 68.3





#9

Benzaldehyde

Concen: 49.441 ng

RT: 6.339 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

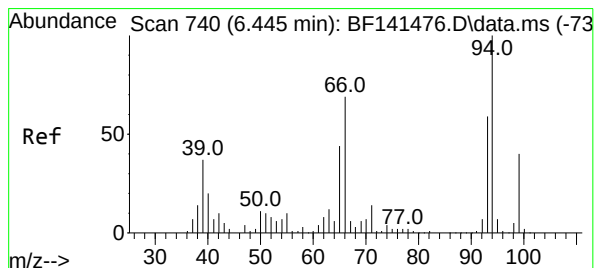
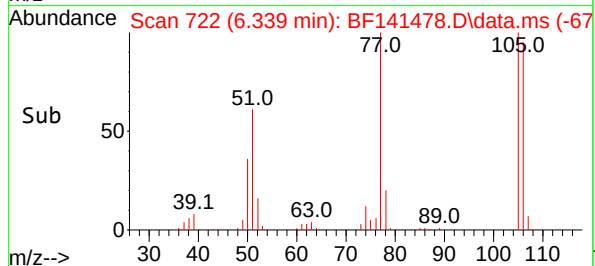
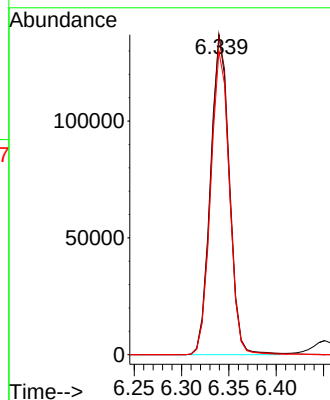
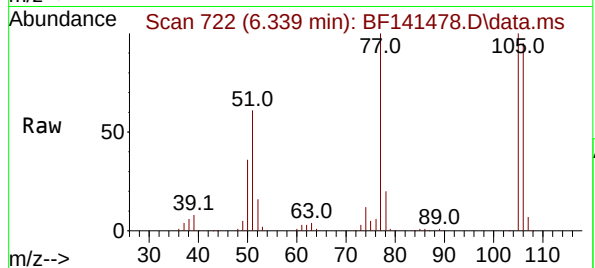
Tgt Ion: 77 Resp: 187887

Ion Ratio Lower Upper

77 100

105 99.7 79.4 119.4

106 94.9 75.1 115.1



#10

Phenol

Concen: 58.782 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

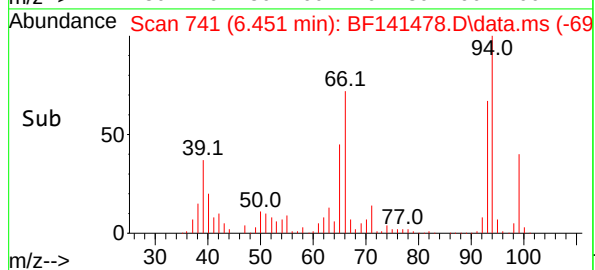
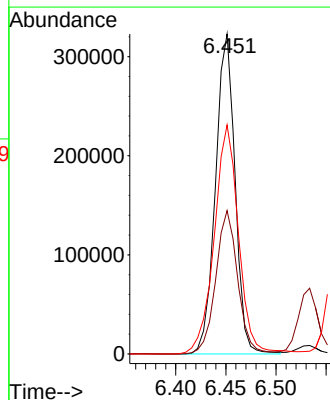
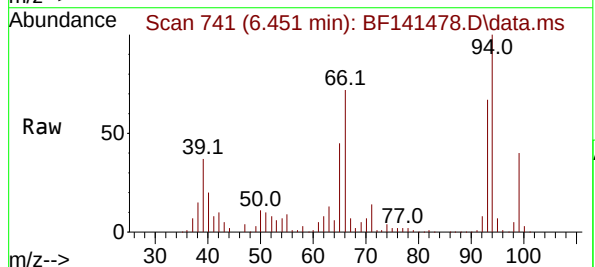
Tgt Ion: 94 Resp: 437528

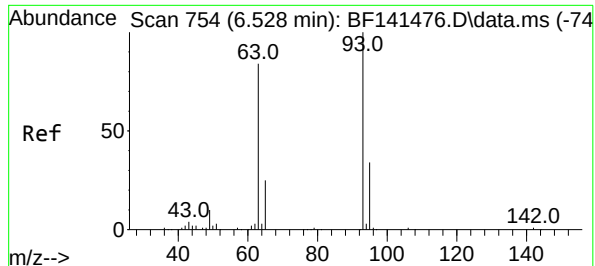
Ion Ratio Lower Upper

94 100

65 44.8 23.7 63.7

66 71.5 49.3 89.3

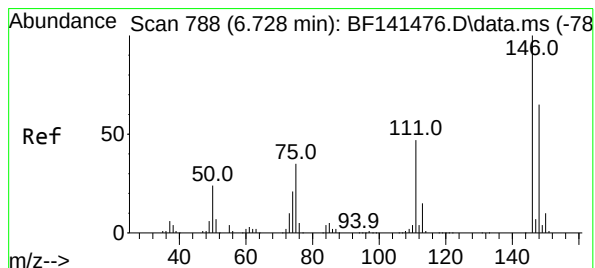
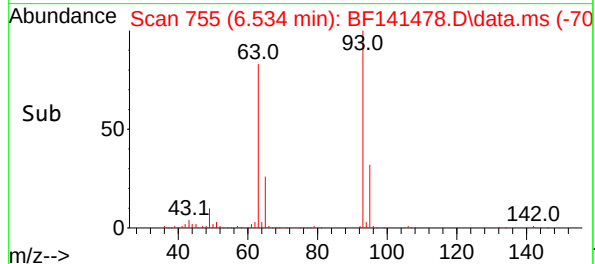
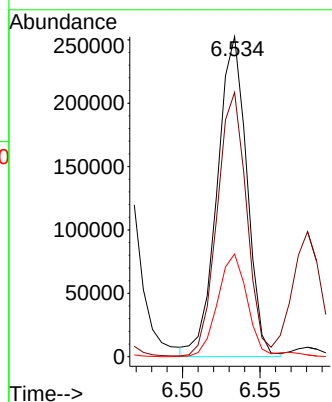
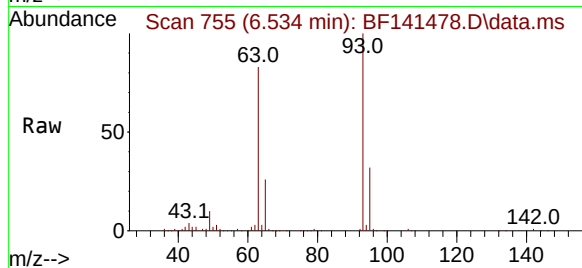




#11
bis(2-Chloroethyl)ether
Concen: 60.093 ng
RT: 6.534 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

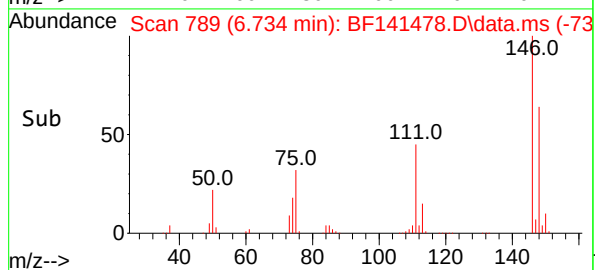
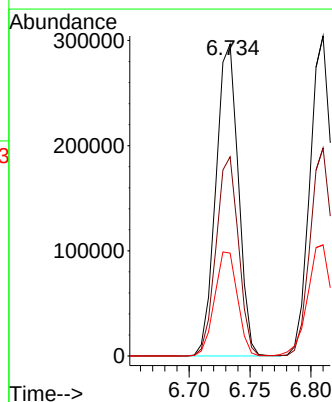
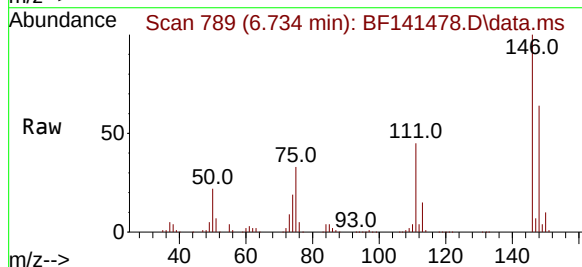
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

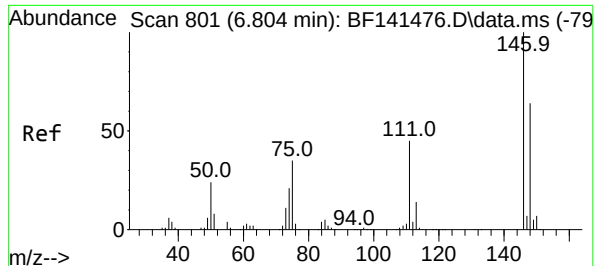
Tgt Ion: 93 Resp: 335957
Ion Ratio Lower Upper
93 100
63 82.6 62.0 102.0
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 58.941 ng
RT: 6.734 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 146 Resp: 380433
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 33.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 58.050 ng

RT: 6.810 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

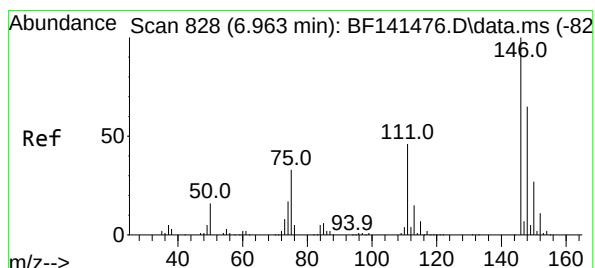
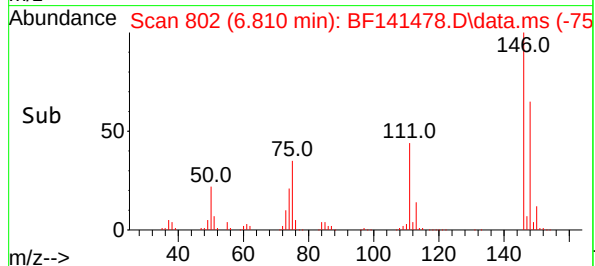
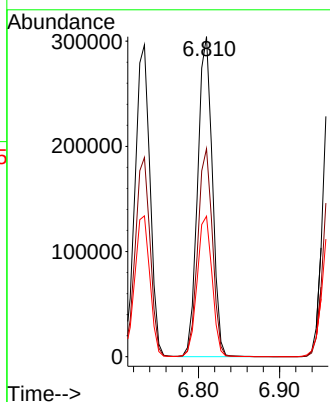
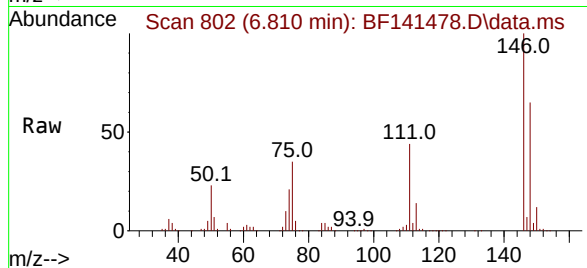
Tgt Ion:146 Resp: 382812

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

111 43.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 58.465 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

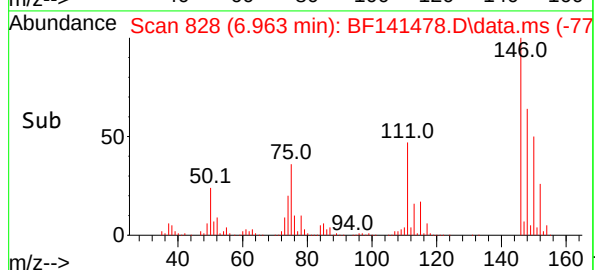
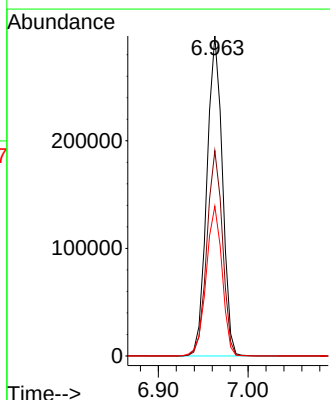
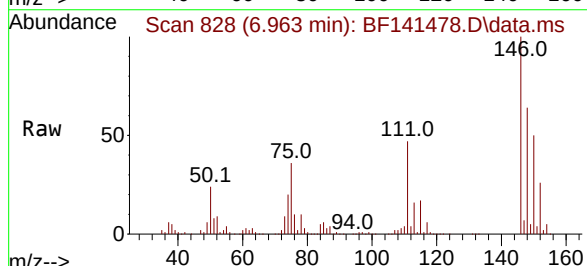
Tgt Ion:146 Resp: 357837

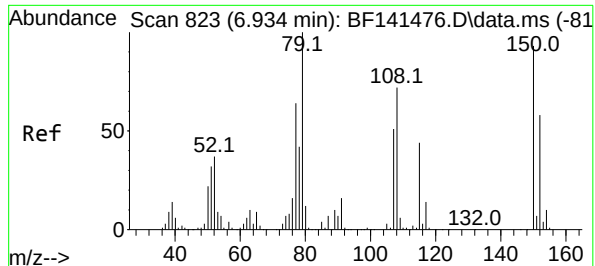
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 46.8 37.0 55.4





#15

Benzyl Alcohol

Concen: 59.125 ng

RT: 6.939 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

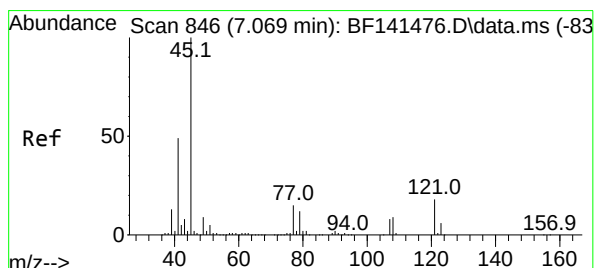
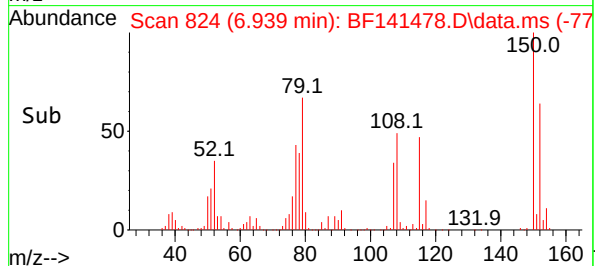
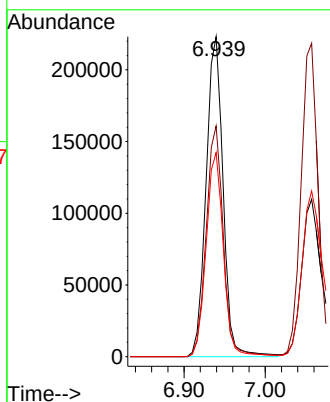
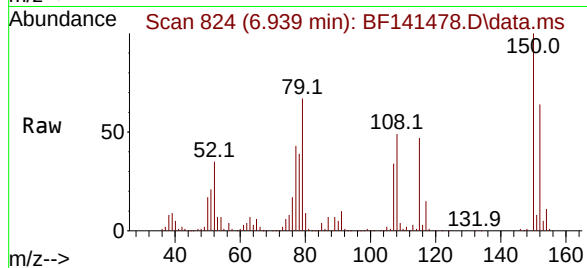
Tgt Ion: 79 Resp: 324244

Ion Ratio Lower Upper

79 100

108 72.1 57.4 86.2

77 63.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.883 ng

RT: 7.069 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

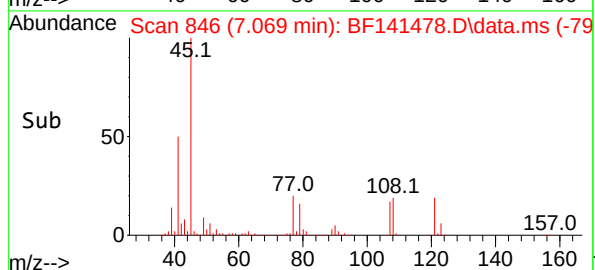
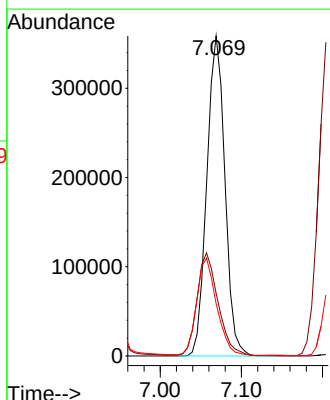
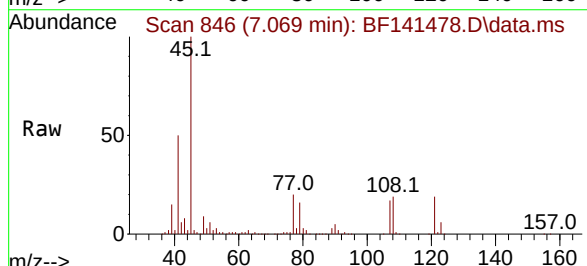
Tgt Ion: 45 Resp: 553943

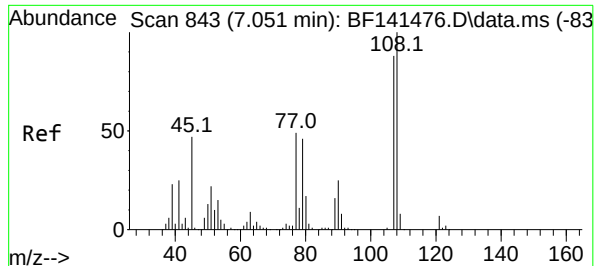
Ion Ratio Lower Upper

45 100

77 19.6 0.0 35.8

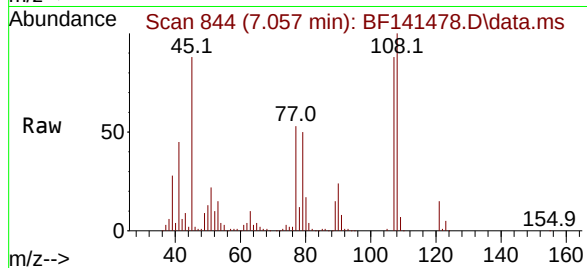
79 16.3 0.0 32.7



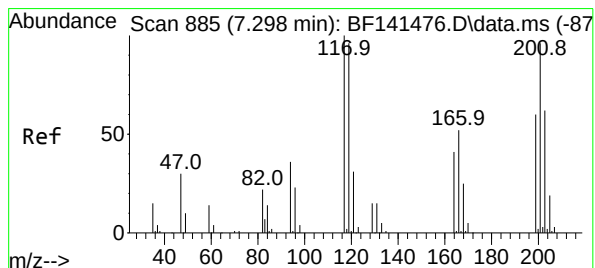
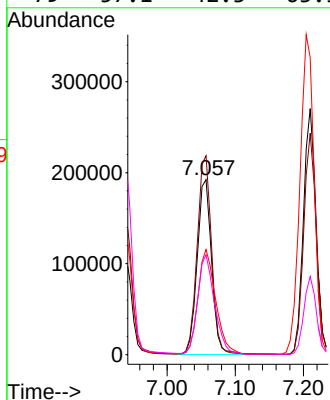
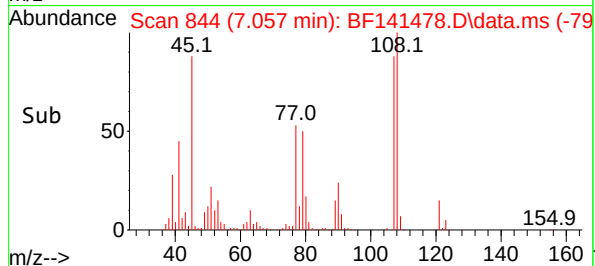


#17
2-Methylphenol
Concen: 59.272 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

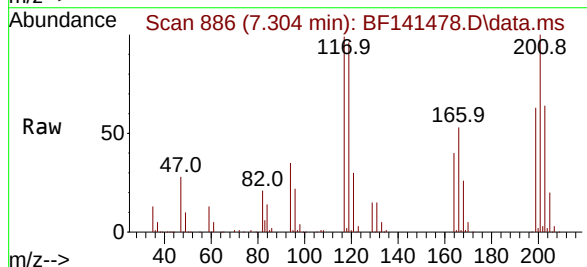
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



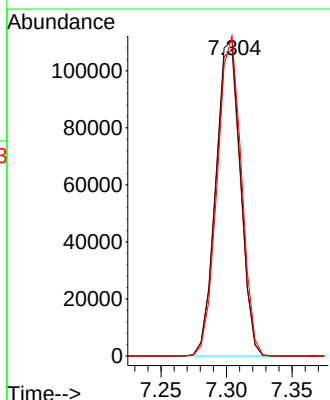
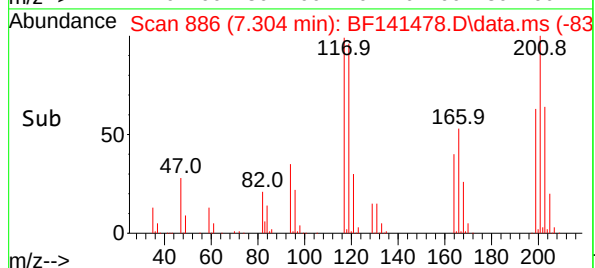
Tgt Ion:107 Resp: 283563
Ion Ratio Lower Upper
107 100
108 113.6 90.6 136.0
77 60.1 44.4 66.6
79 57.1 42.3 63.5

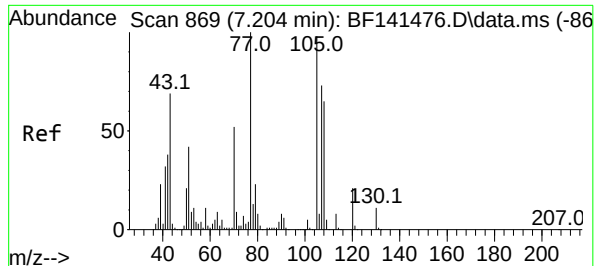


#18
Hexachloroethane
Concen: 59.337 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47



Tgt Ion:117 Resp: 144816
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
201 101.4 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 58.540 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 250412

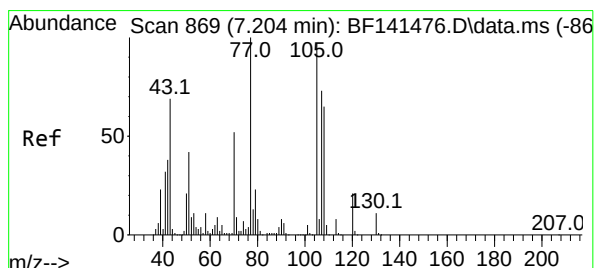
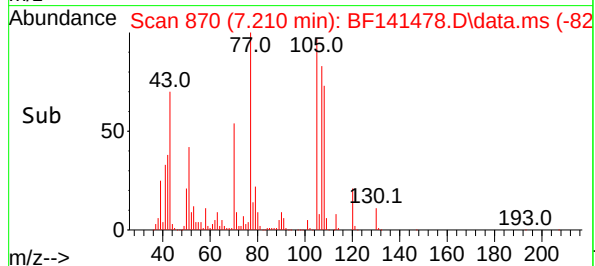
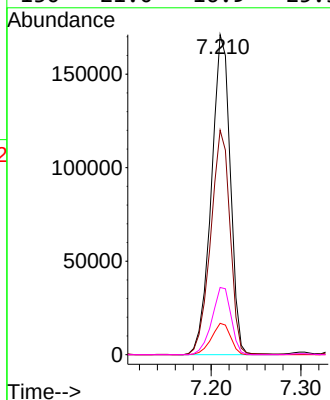
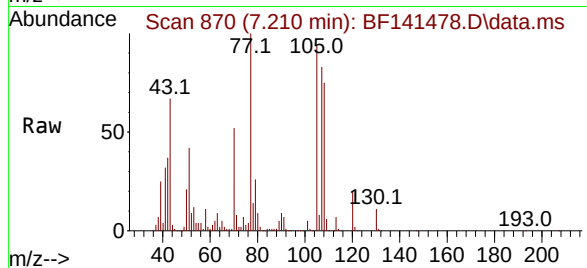
Ion Ratio Lower Upper

70 100

42 70.1 57.4 86.2

101 9.8 8.0 12.0

130 21.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 57.722 ng

RT: 7.210 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion: 107 Resp: 350980

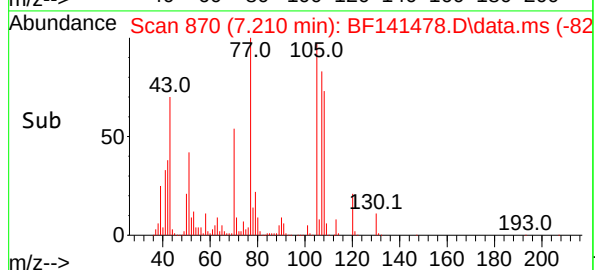
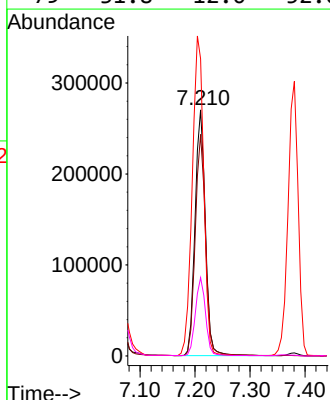
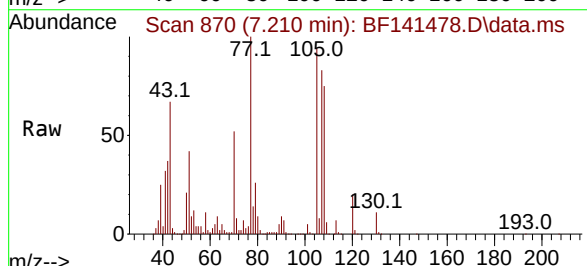
Ion Ratio Lower Upper

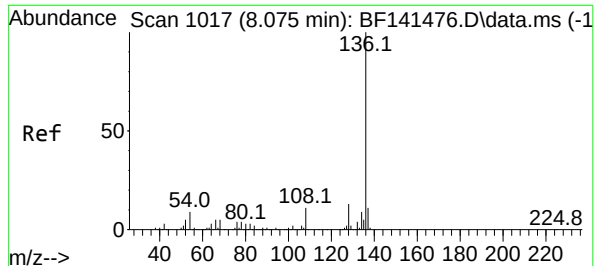
107 100

108 90.0 68.5 108.5

77 120.7 116.5 156.5

79 31.8 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 344609

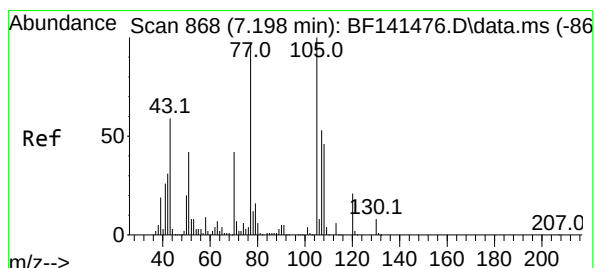
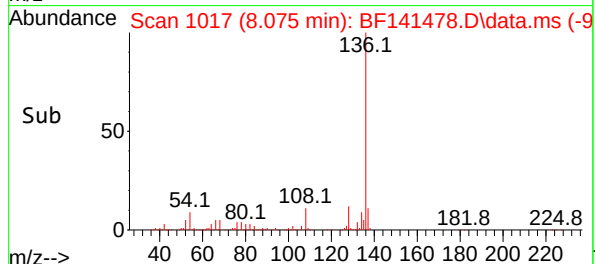
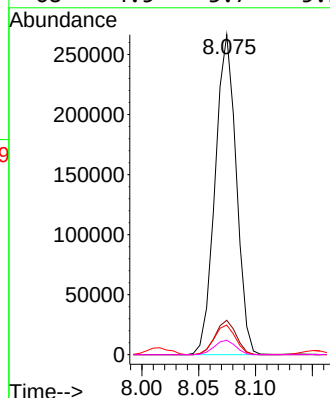
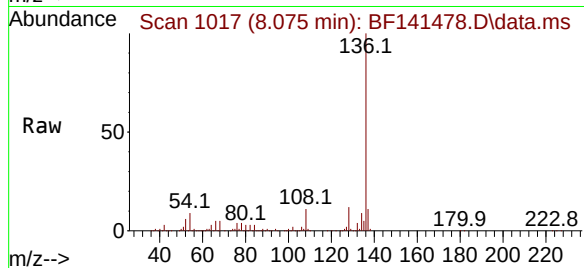
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.2 7.2 10.8

68 4.5 3.7 5.5



#22

Acetophenone

Concen: 58.828 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:105 Resp: 504294

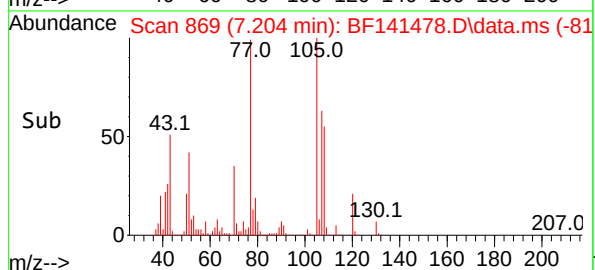
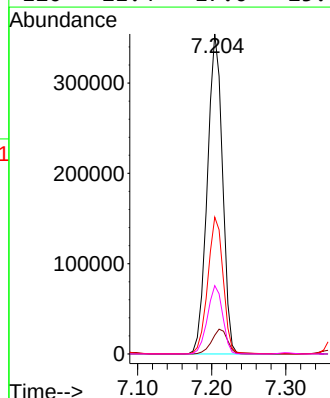
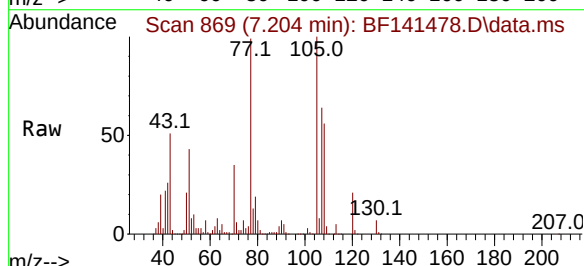
Ion Ratio Lower Upper

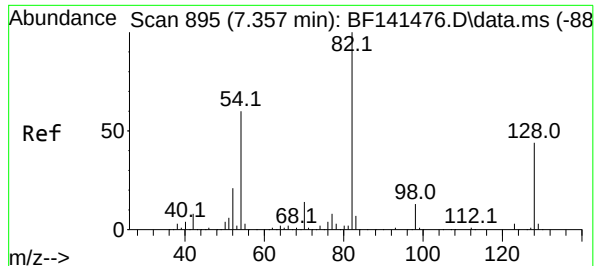
105 100

71 5.9 5.7 8.5

51 42.7 33.7 50.5

120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 119.351 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

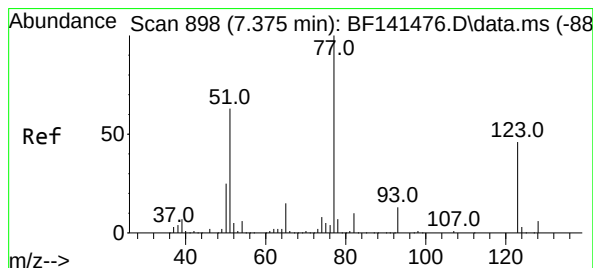
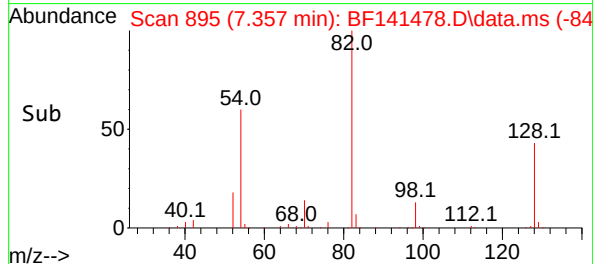
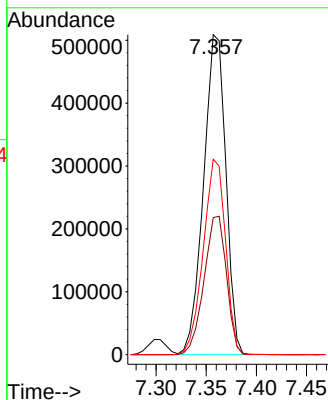
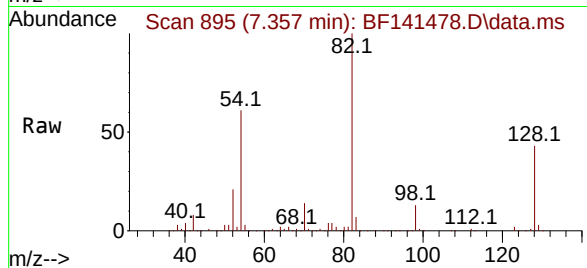
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 788550

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.8	52.2
54	61.1	48.2	72.4



#24

Nitrobenzene

Concen: 60.096 ng

RT: 7.381 min Scan# 899

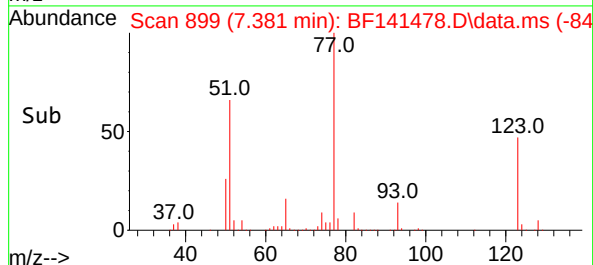
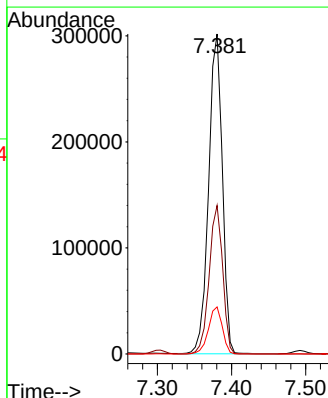
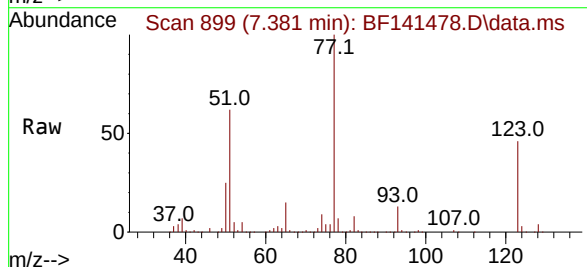
Delta R.T. 0.000 min

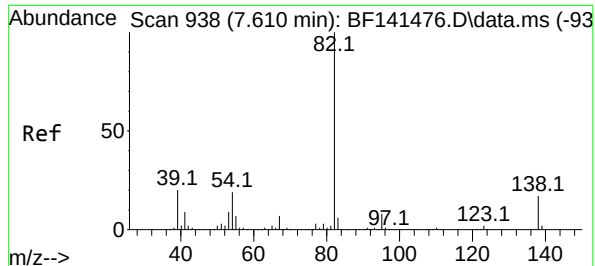
Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion: 77 Resp: 387174

Ion	Ratio	Lower	Upper
77	100		
123	46.4	36.9	55.3
65	14.7	11.9	17.9

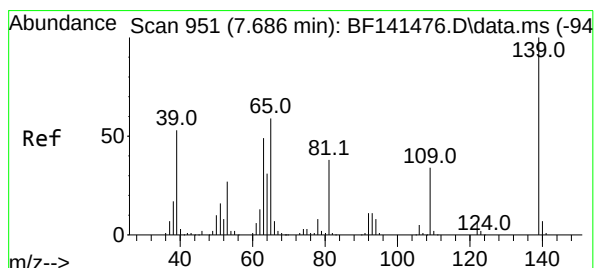
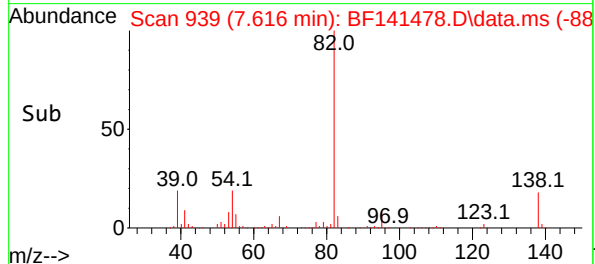
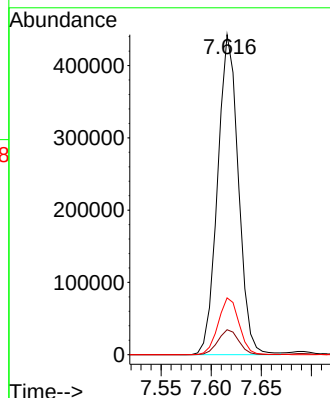
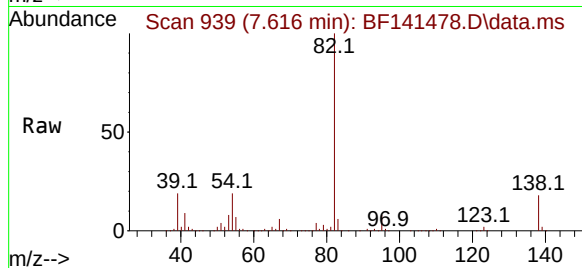




#25
Isophorone
Concen: 60.562 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

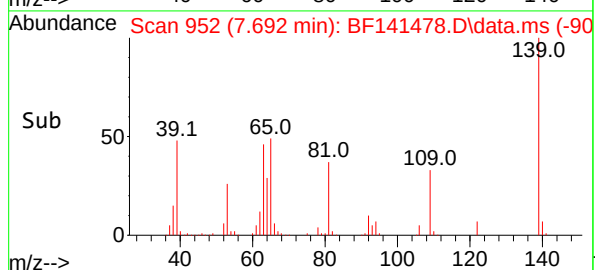
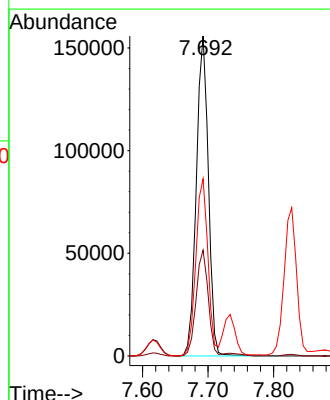
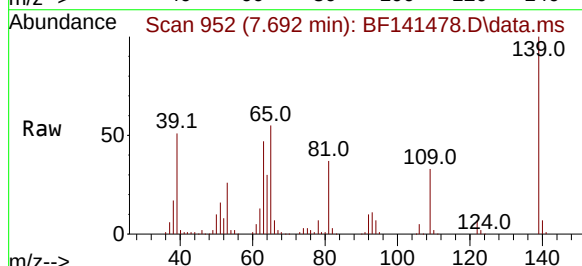
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

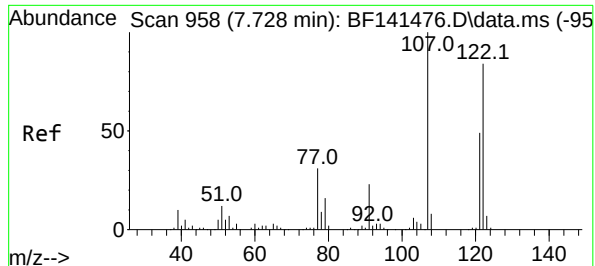
Tgt Ion: 82 Resp: 638004
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 62.128 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 139 Resp: 199140
Ion Ratio Lower Upper
139 100
109 33.1 27.0 40.6
65 55.3 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 60.836 ng

RT: 7.733 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

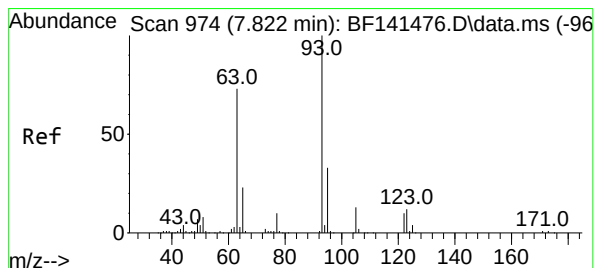
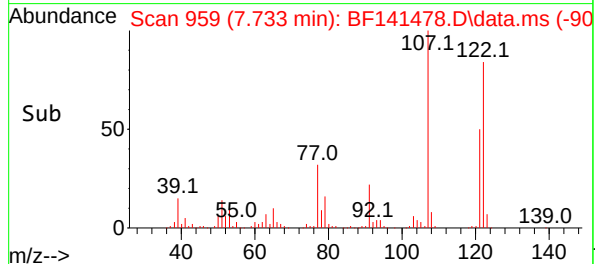
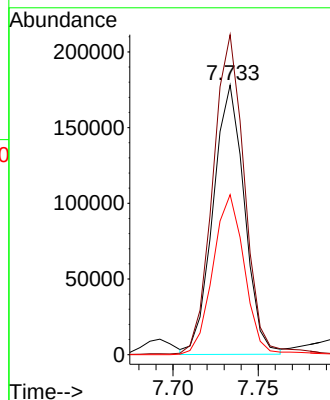
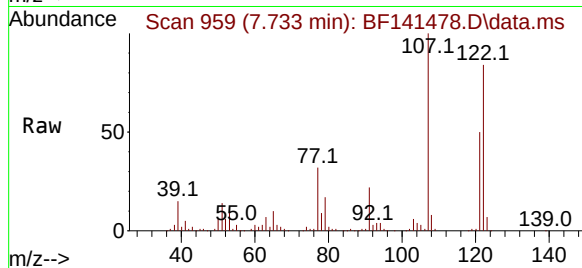
Tgt Ion:122 Resp: 227803

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 59.877 ng

RT: 7.828 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

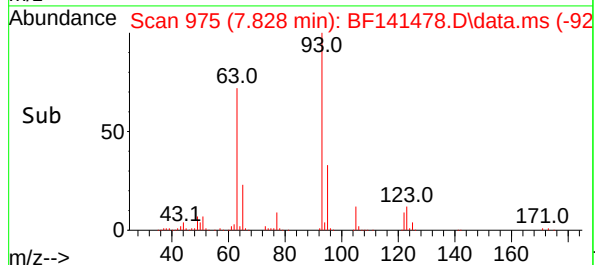
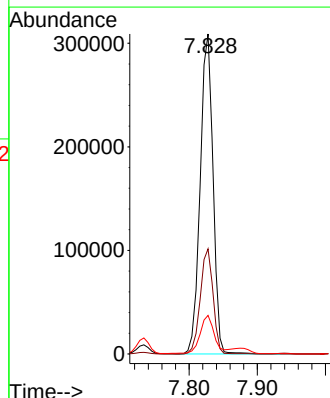
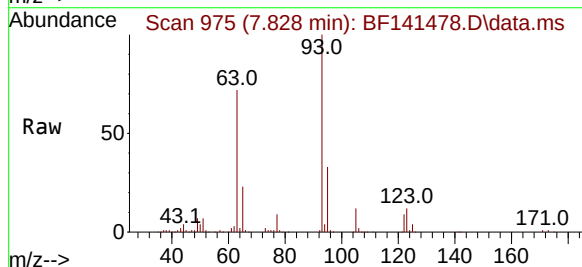
Tgt Ion: 93 Resp: 404195

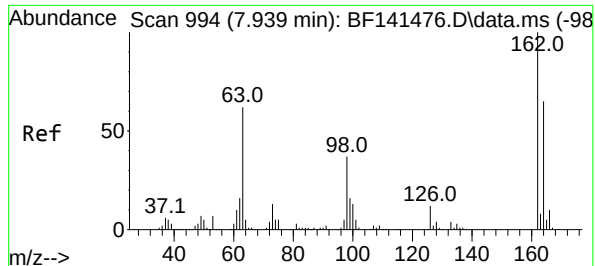
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 59.683 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

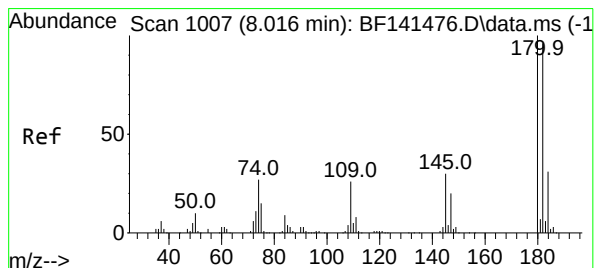
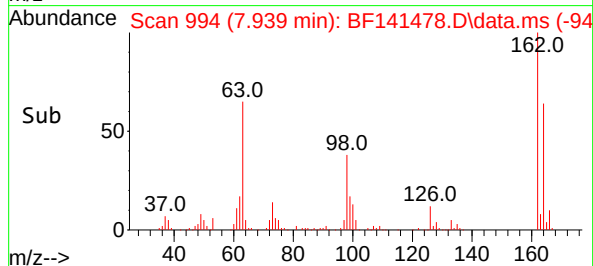
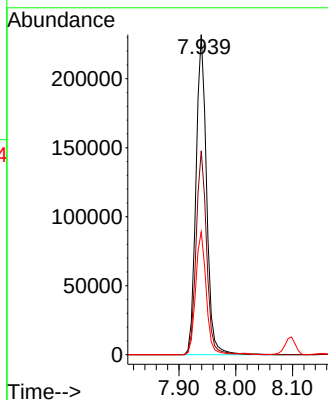
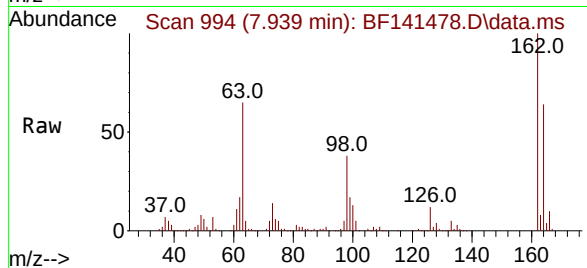
Tgt Ion:162 Resp: 301959

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 38.4 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 59.561 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

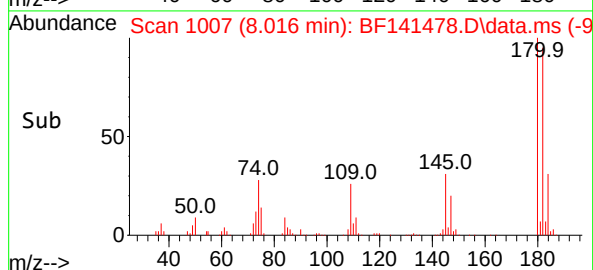
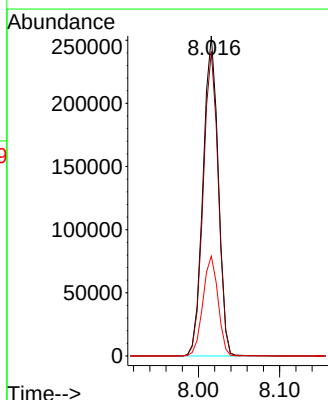
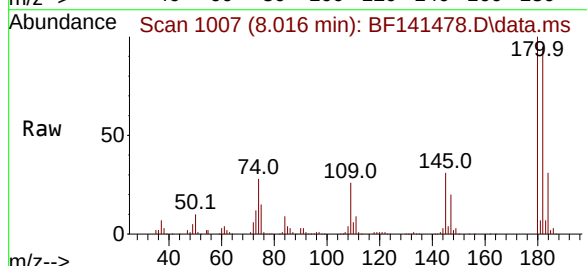
Tgt Ion:180 Resp: 328150

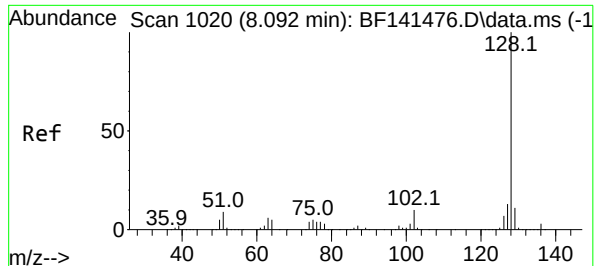
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 31.2 24.2 36.4





#31

Naphthalene

Concen: 58.889 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

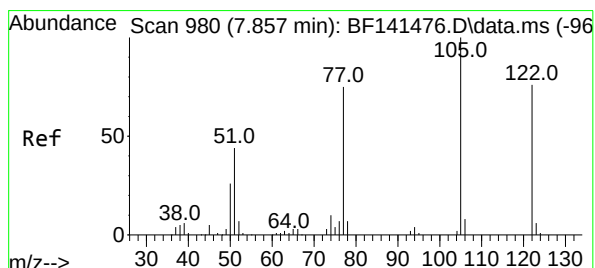
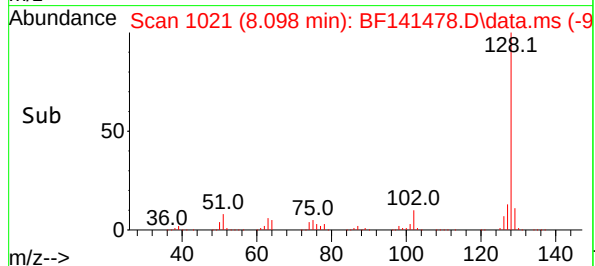
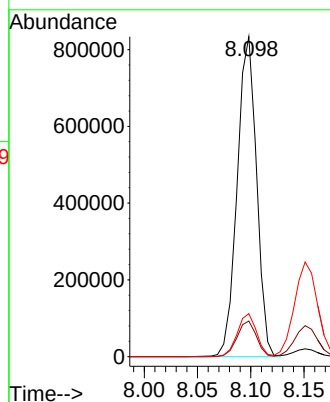
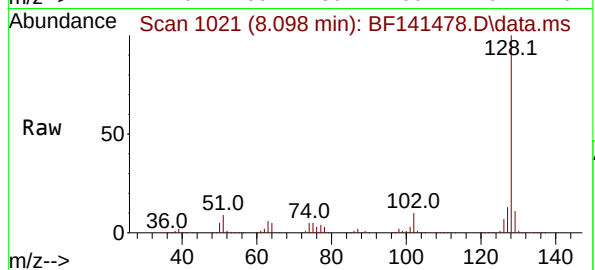
Tgt Ion:128 Resp: 1056367

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 64.532 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.017 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

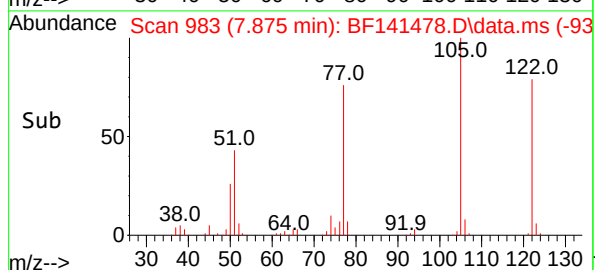
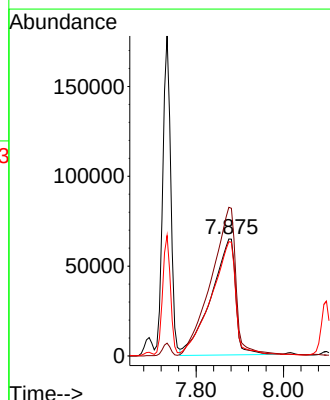
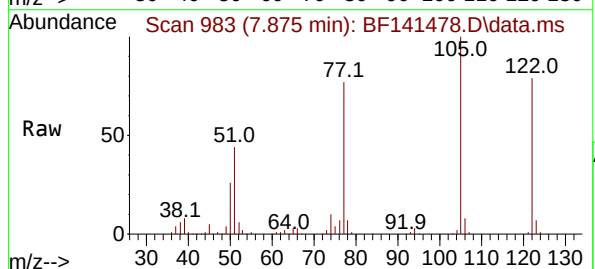
Tgt Ion:122 Resp: 250995

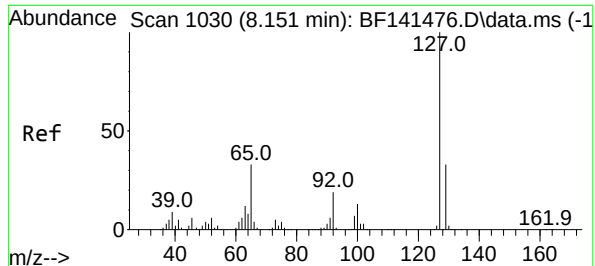
Ion Ratio Lower Upper

122 100

105 127.0 106.5 146.5

77 97.7 76.3 116.3

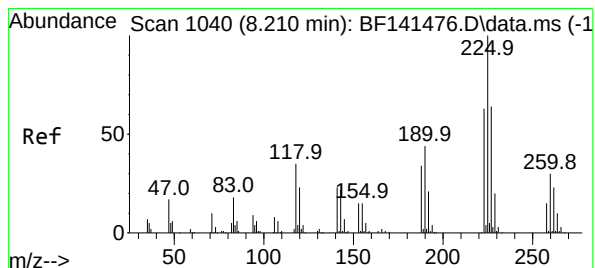
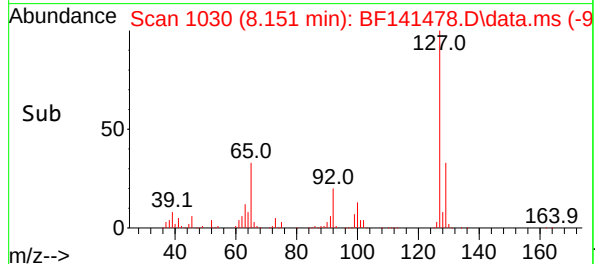
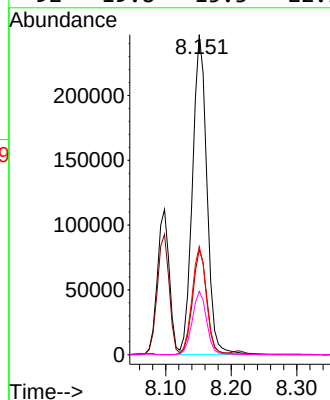
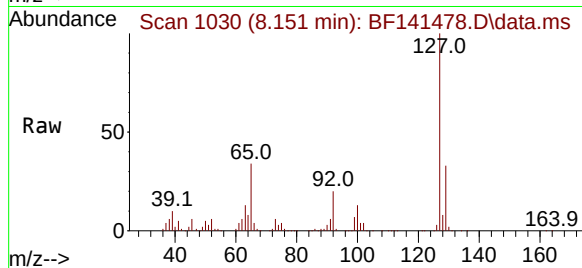




#33
4-Chloroaniline
Concen: 60.070 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

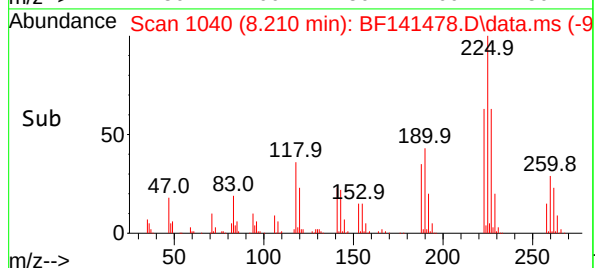
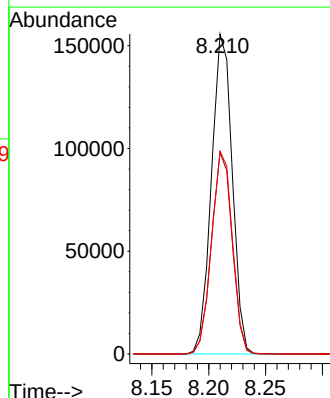
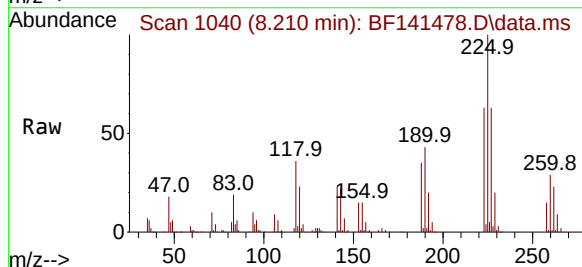
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

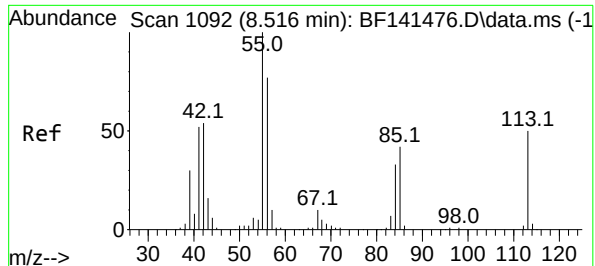
Tgt Ion:	127	Resp:	376211
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	33.8	26.4	39.6
92	19.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 59.849 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:	225	Resp:	197955
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.4	51.0	76.6

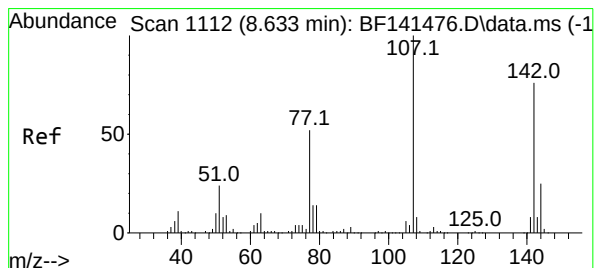
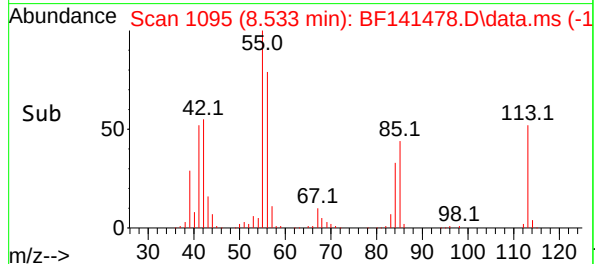
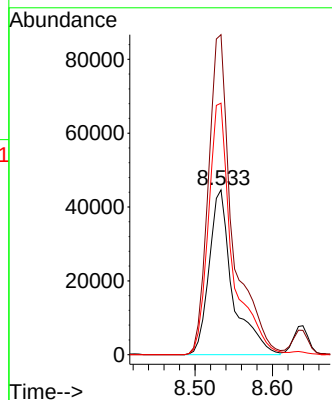
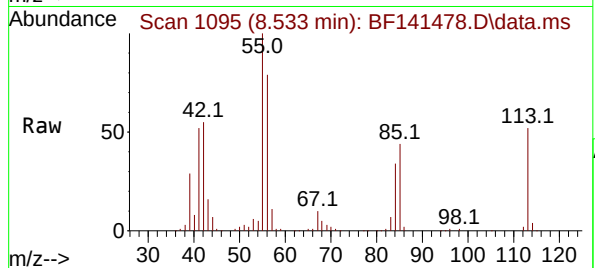




#35
Caprolactam
Concen: 61.291 ng
RT: 8.533 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

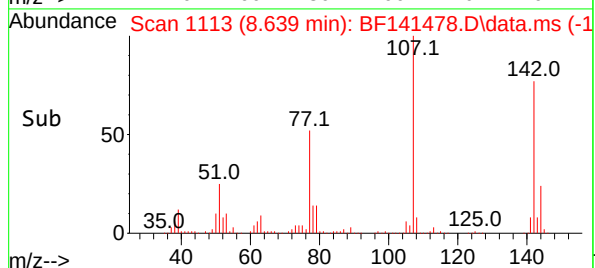
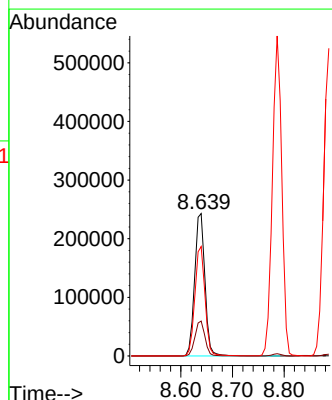
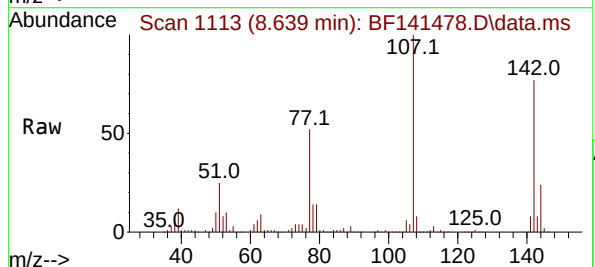
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

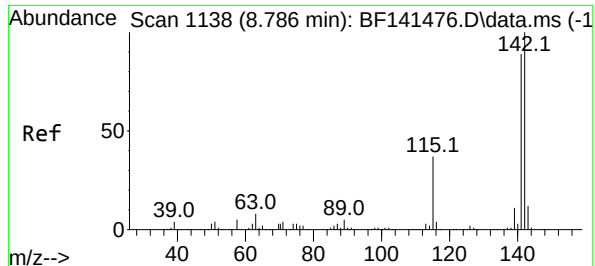
Tgt Ion:113 Resp: 94415
Ion Ratio Lower Upper
113 100
55 194.1 180.8 220.8
56 152.5 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 59.935 ng
RT: 8.639 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:107 Resp: 335897
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 76.8 60.8 91.2

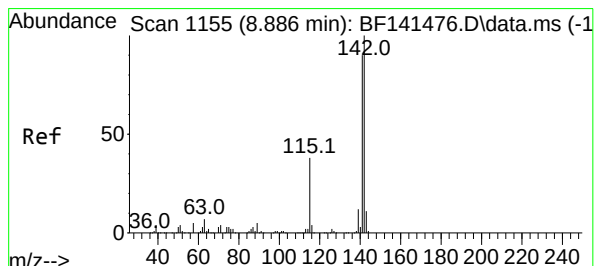
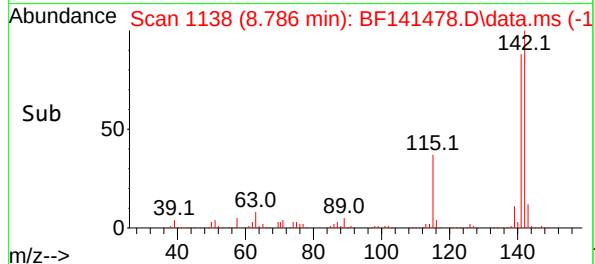
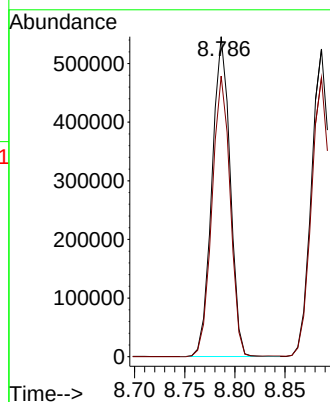
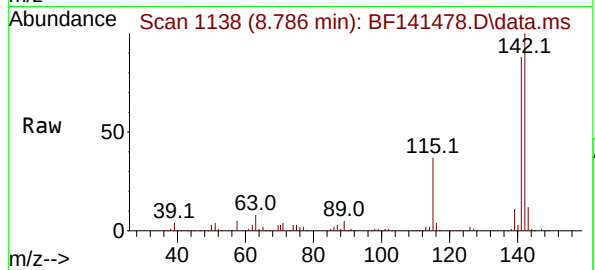




#37
2-Methylnaphthalene
Concen: 58.941 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

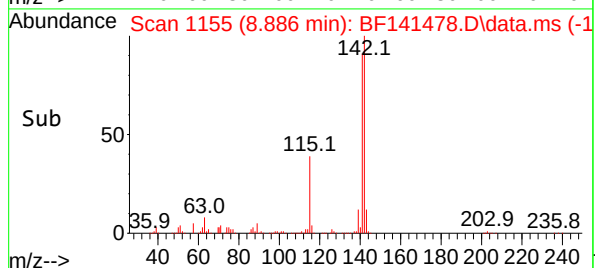
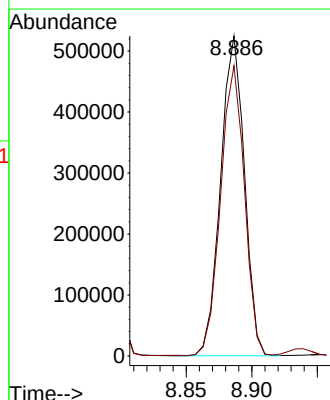
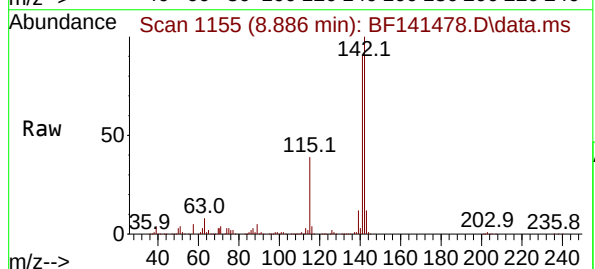
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

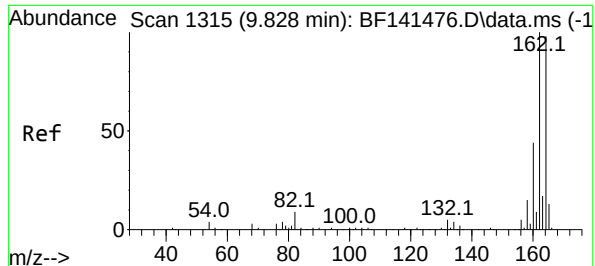
Tgt Ion:142 Resp: 688021
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 58.522 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:142 Resp: 661628
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

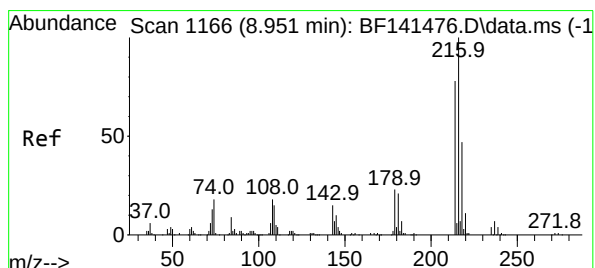
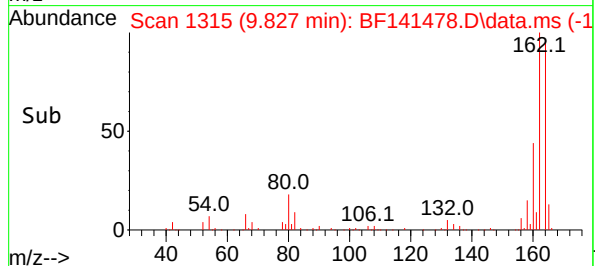
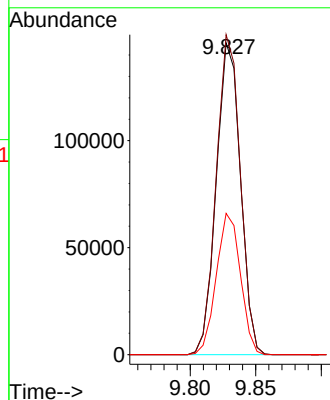
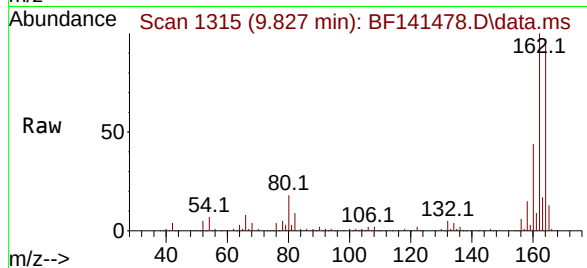
Tgt Ion:164 Resp: 186729

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.560 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:216 Resp: 321763

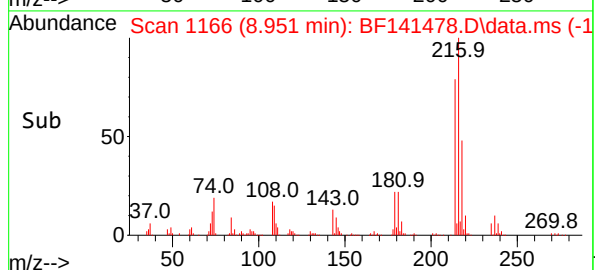
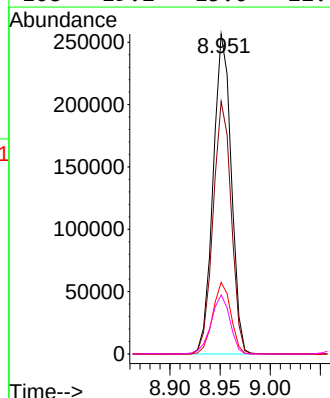
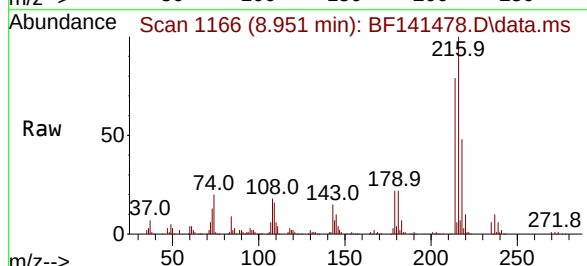
Ion Ratio Lower Upper

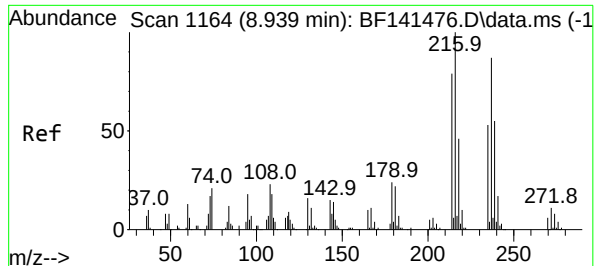
216 100

214 79.0 62.3 93.5

179 22.3 18.0 27.0

108 19.2 15.0 22.6

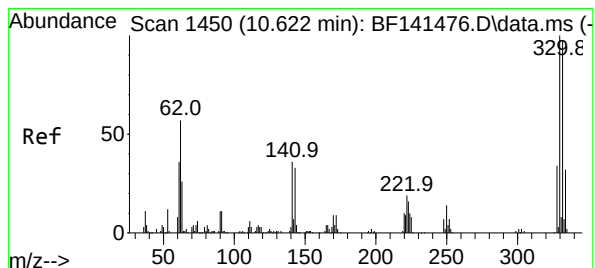
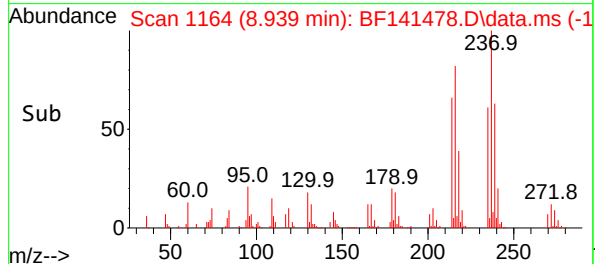
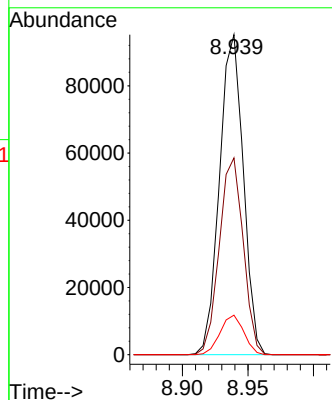
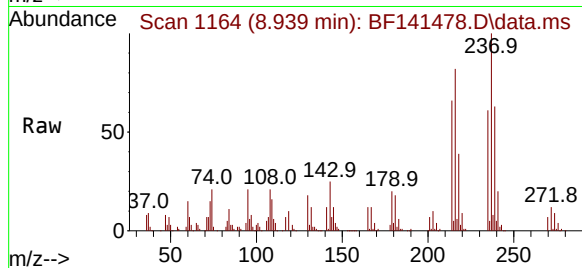




#41
Hexachlorocyclopentadiene
Concen: 66.819 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

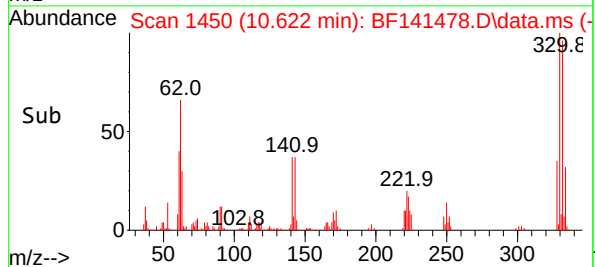
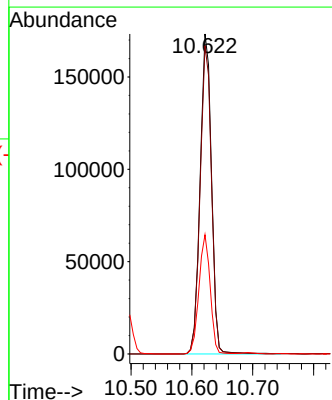
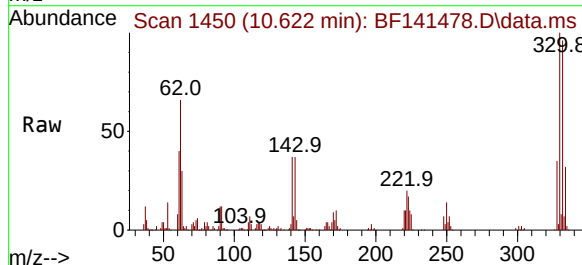
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

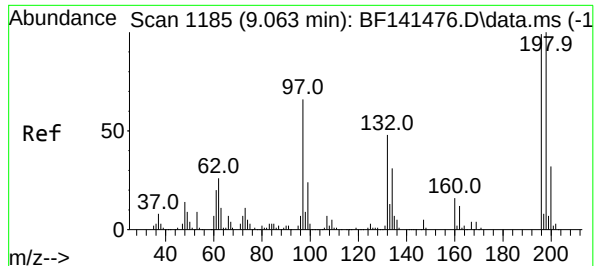
Tgt Ion:237 Resp: 120063
Ion Ratio Lower Upper
237 100
235 61.5 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 119.976 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.005 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:330 Resp: 225049
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 36.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 60.632 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141478.D

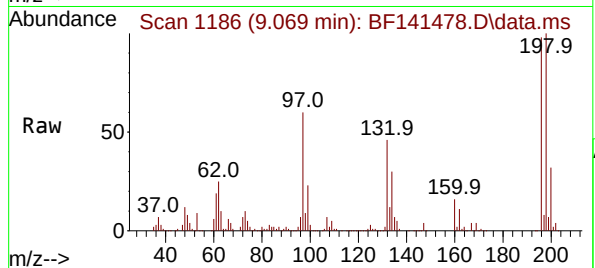
Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



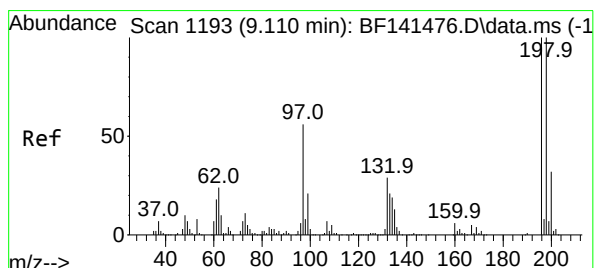
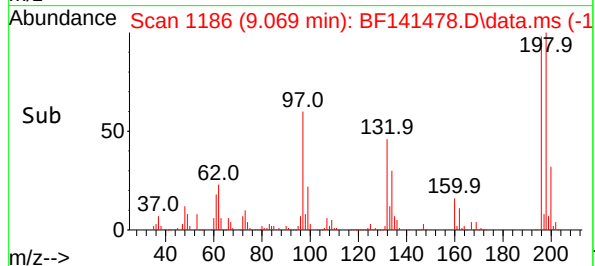
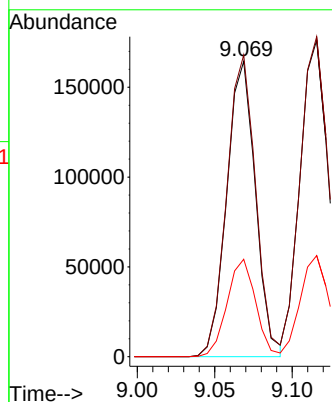
Tgt Ion:196 Resp: 211702

Ion Ratio Lower Upper

196 100

198 102.2 80.6 121.0

200 33.0 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 60.519 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Tgt Ion:196 Resp: 229006

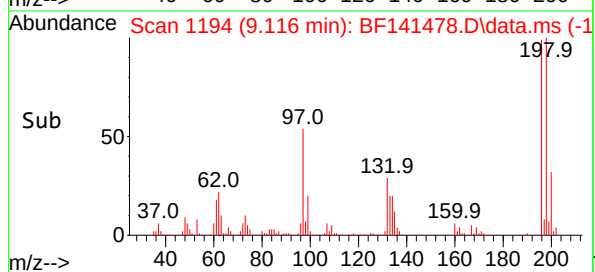
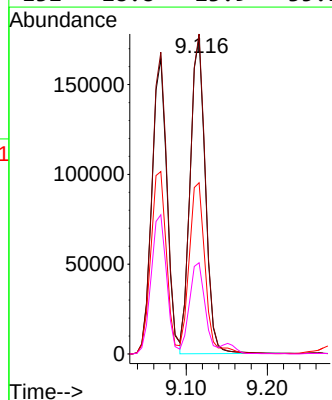
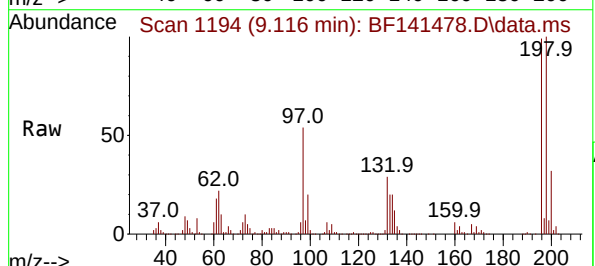
Ion Ratio Lower Upper

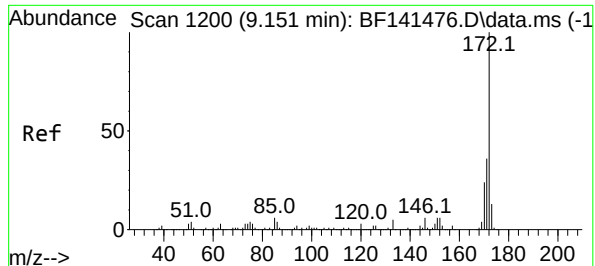
196 100

198 101.1 79.8 119.8

97 54.1 44.8 67.2

132 28.8 23.9 35.9

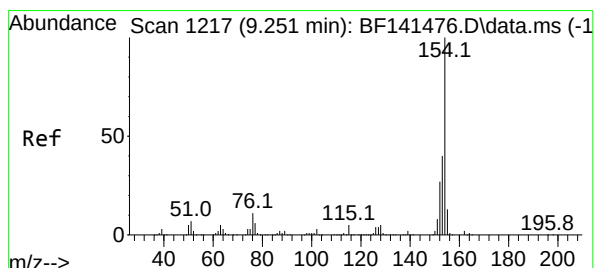
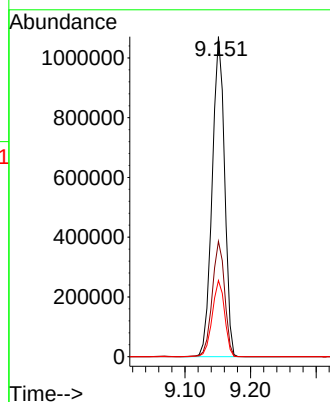
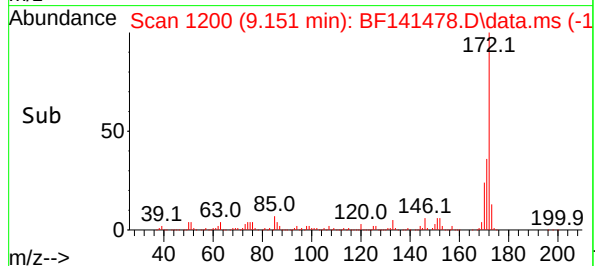
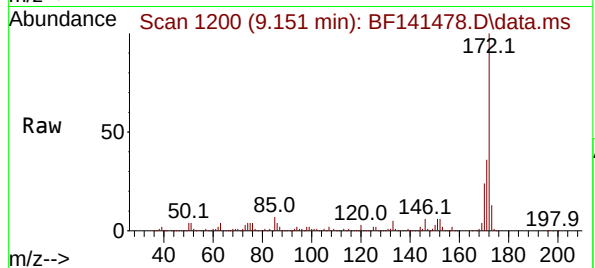




#45
2-Fluorobiphenyl
Concen: 116.358 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

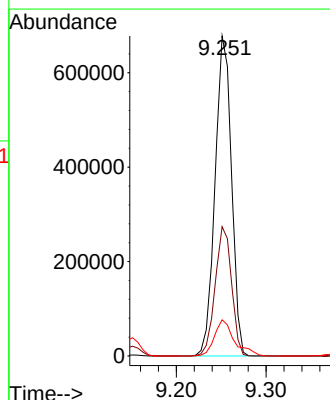
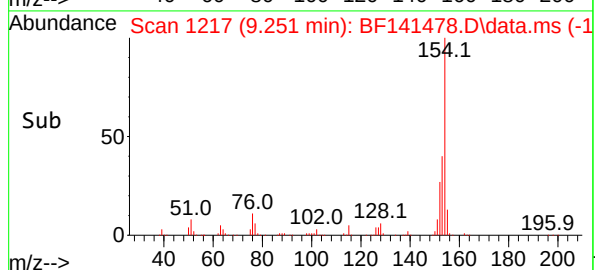
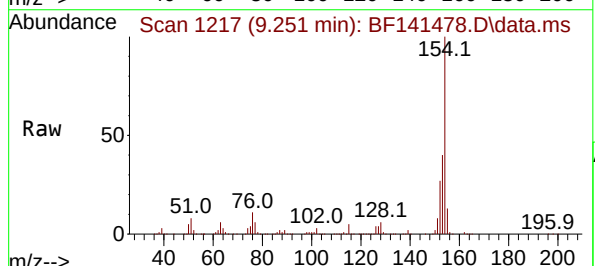
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

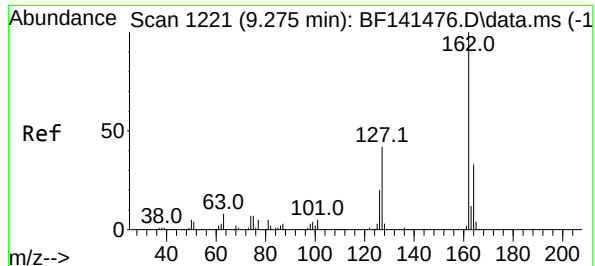
Tgt Ion:172 Resp: 1410277
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 59.479 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:154 Resp: 861067
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 59.459 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

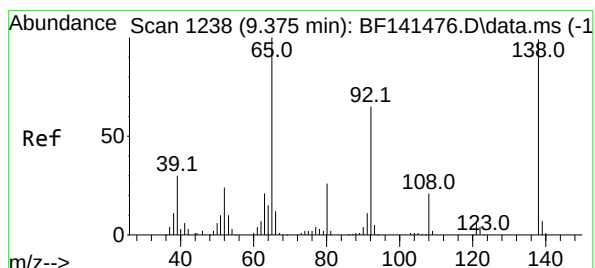
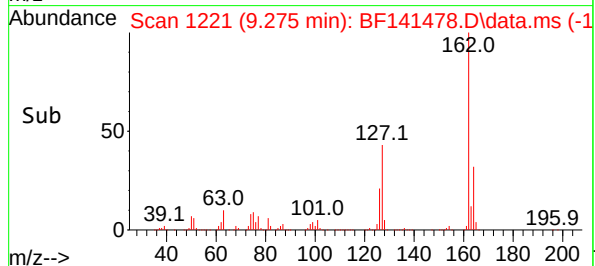
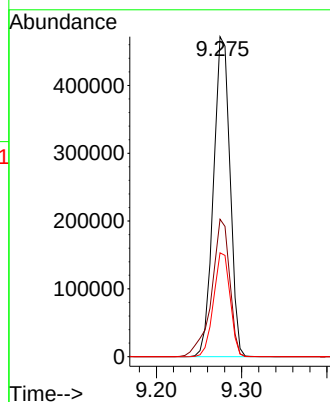
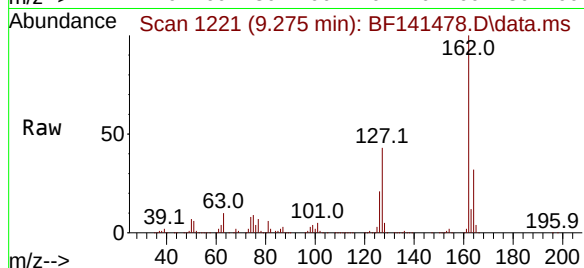
Tgt Ion:162 Resp: 636511

Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 32.5 26.3 39.5



#48

2-Nitroaniline

Concen: 62.547 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

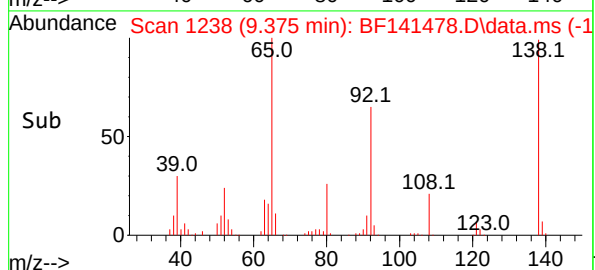
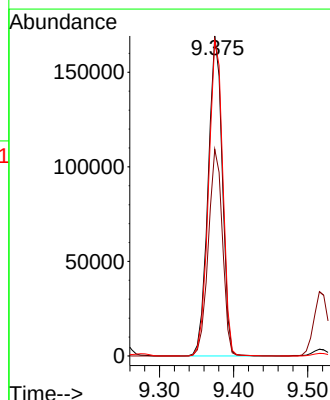
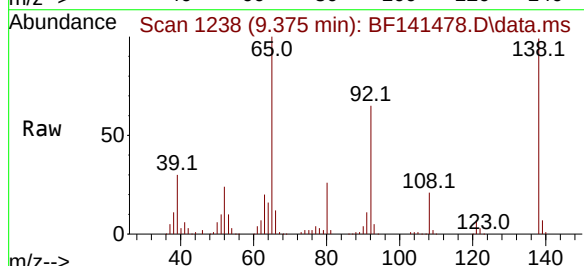
Tgt Ion: 65 Resp: 224709

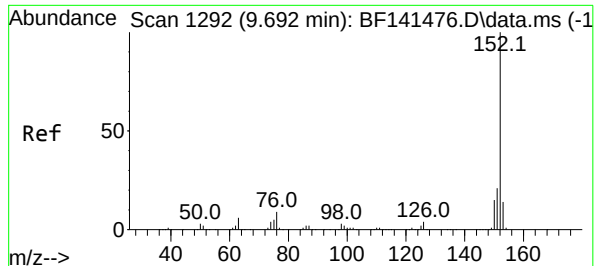
Ion Ratio Lower Upper

65 100

92 64.6 52.2 78.2

138 98.7 79.5 119.3





#49

Acenaphthylene

Concen: 59.436 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

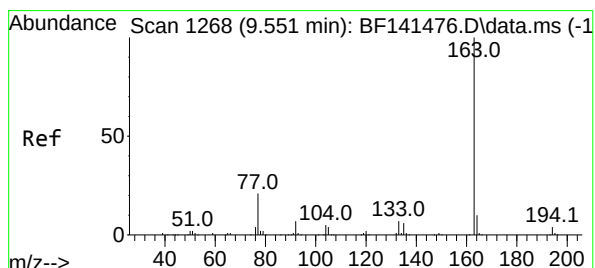
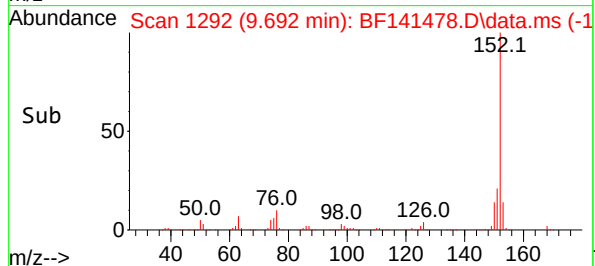
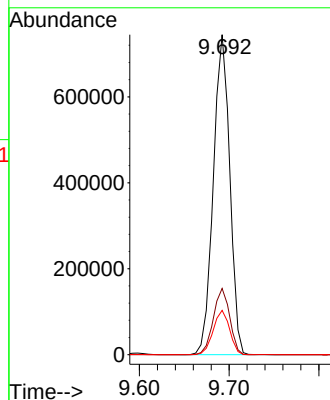
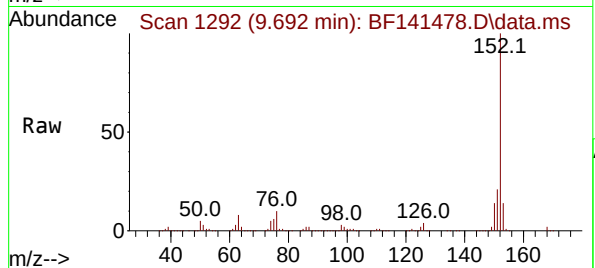
Tgt Ion:152 Resp: 946382

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 59.253 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

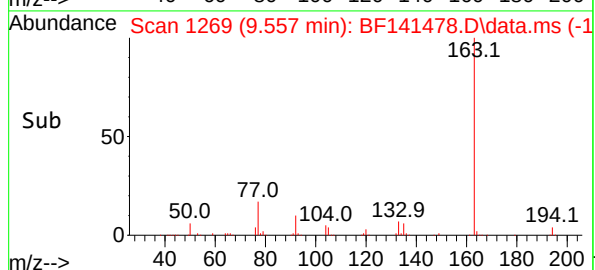
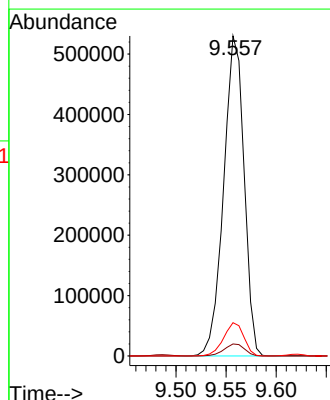
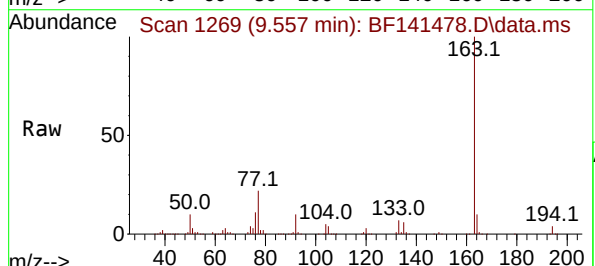
Tgt Ion:163 Resp: 751128

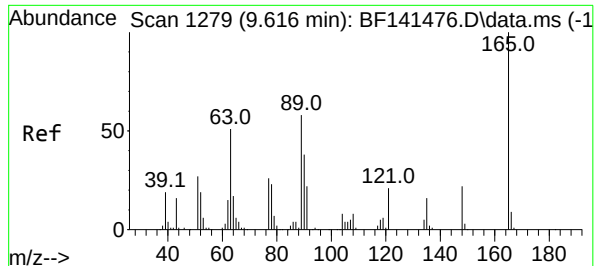
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.4 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 60.403 ng

RT: 9.622 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

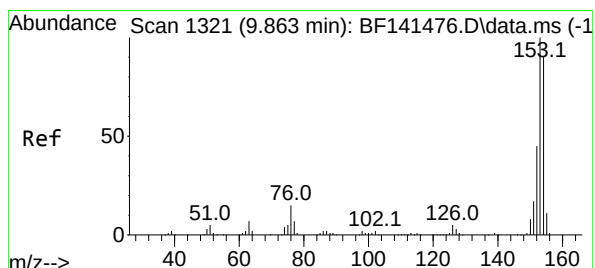
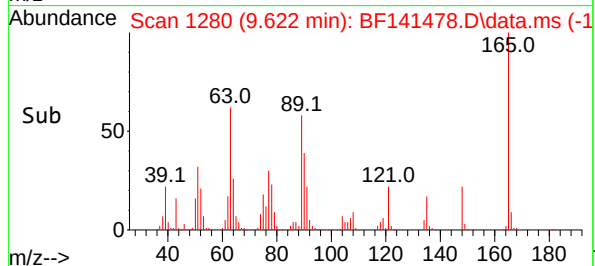
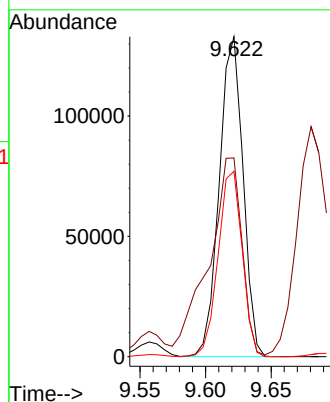
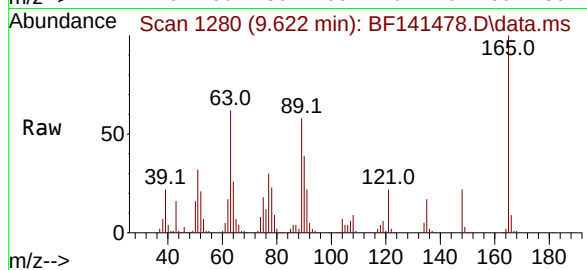
Tgt Ion:165 Resp: 167387

Ion Ratio Lower Upper

165 100

63 62.1 49.4 74.0

89 58.0 46.5 69.7



#52

Acenaphthene

Concen: 58.974 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

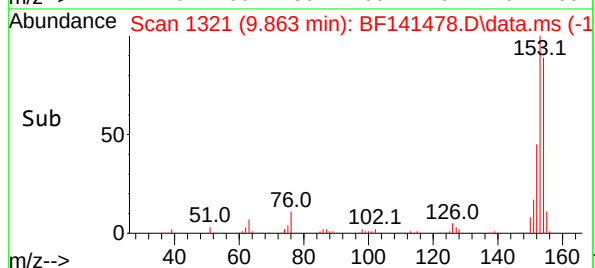
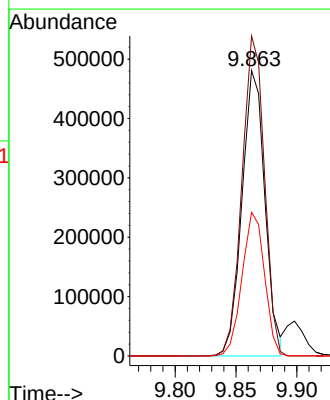
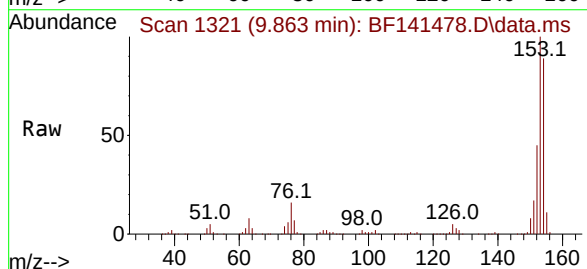
Tgt Ion:154 Resp: 631289

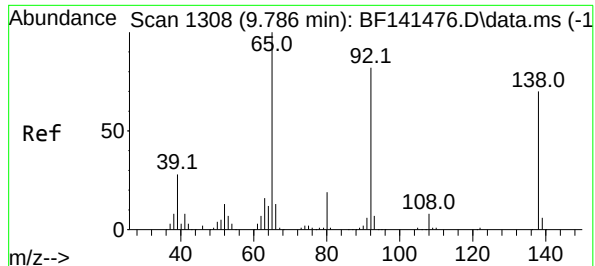
Ion Ratio Lower Upper

154 100

153 112.1 89.2 133.8

152 50.3 39.8 59.8

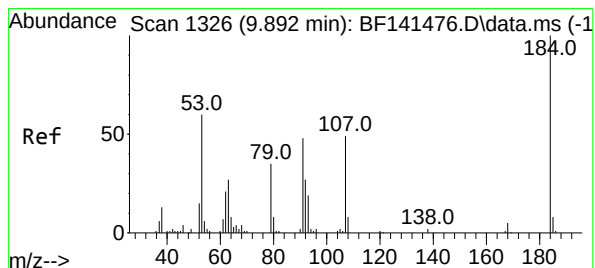
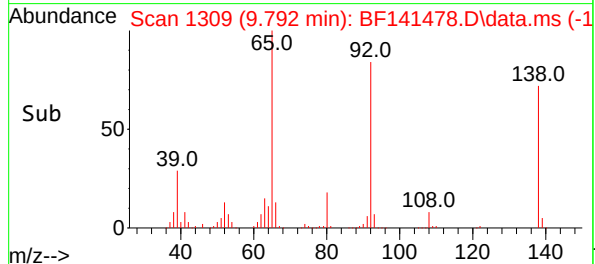
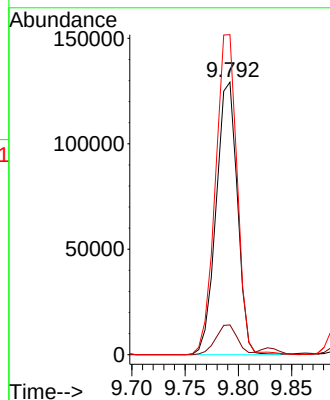
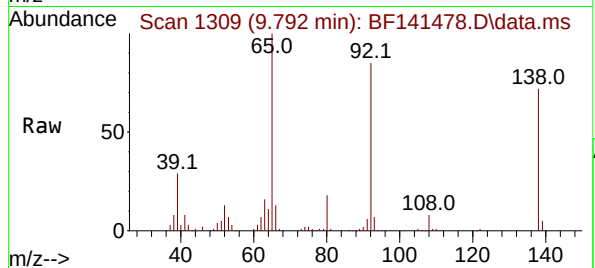




#53
3-Nitroaniline
Concen: 60.237 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

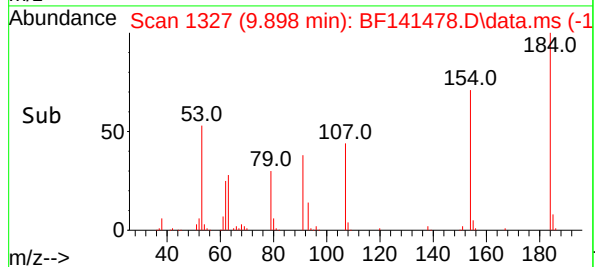
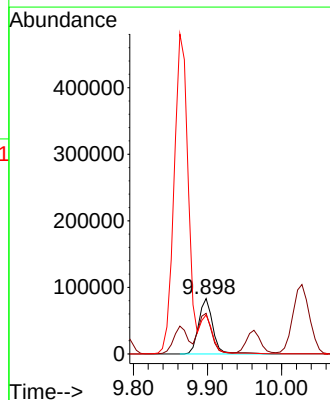
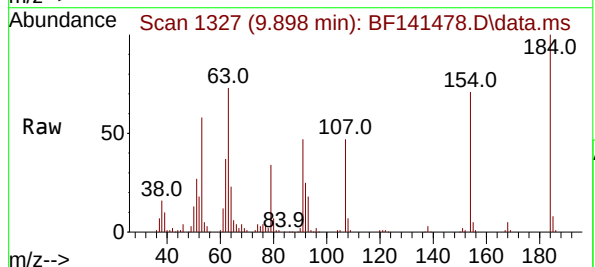
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

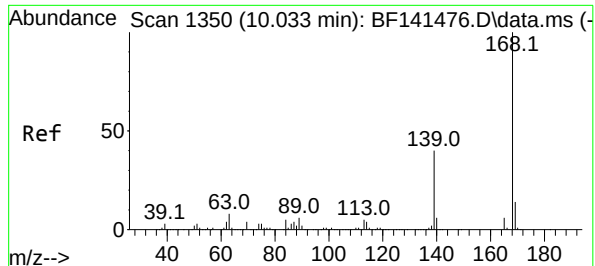
Tgt Ion:138 Resp: 179664
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 117.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 67.432 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:184 Resp: 111060
Ion Ratio Lower Upper
184 100
63 73.3 61.0 91.6
154 70.6 59.9 89.9





#55

Dibenzenofuran

Concen: 58.242 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

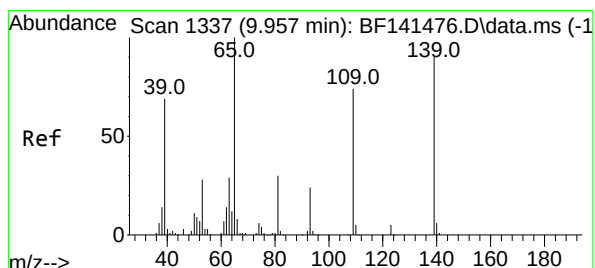
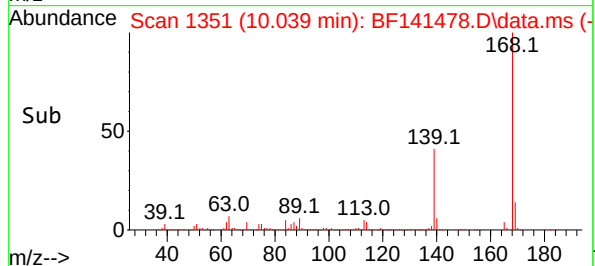
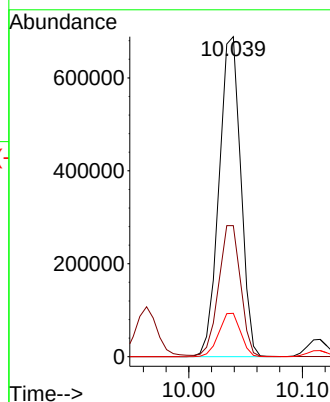
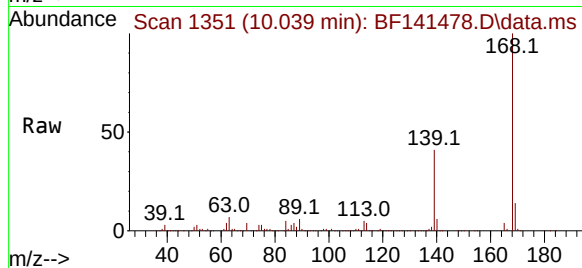
Tgt Ion:168 Resp: 915117

Ion Ratio Lower Upper

168 100

139 41.0 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 65.035 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

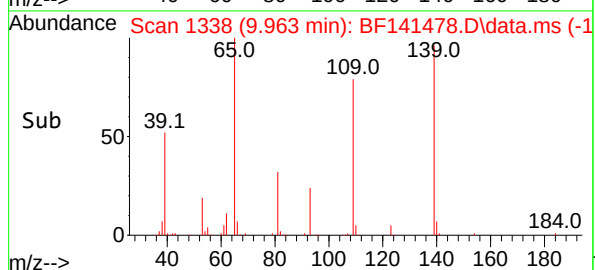
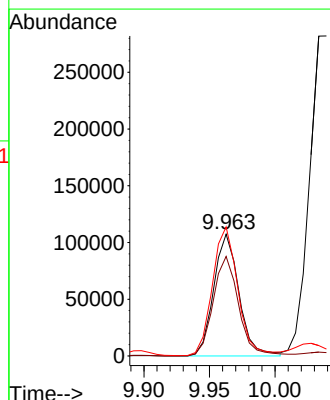
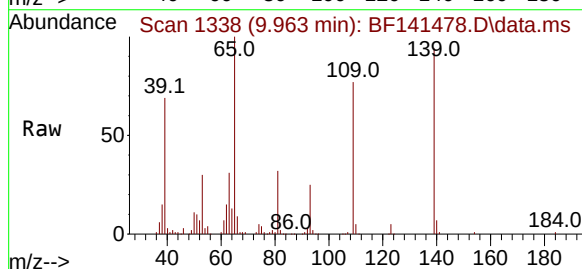
Tgt Ion:139 Resp: 143994

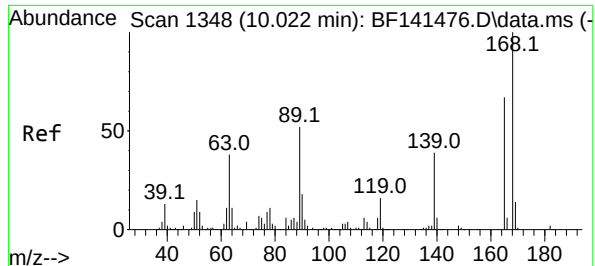
Ion Ratio Lower Upper

139 100

109 81.7 62.0 102.0

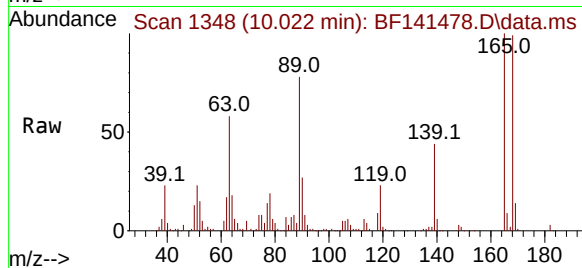
65 106.0 91.2 131.2



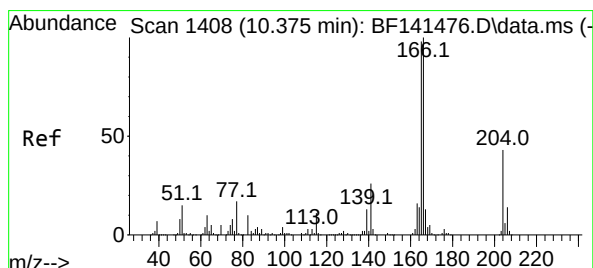
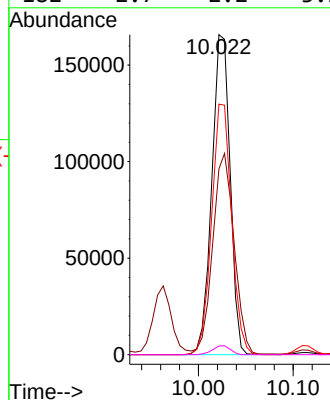
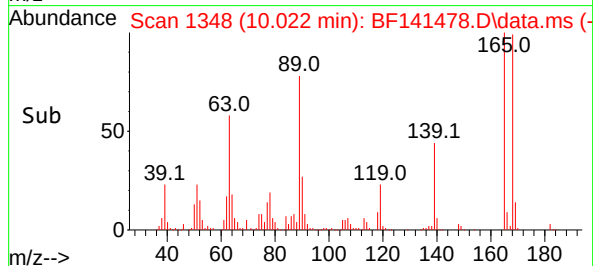


#57
2,4-Dinitrotoluene
Concen: 60.202 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

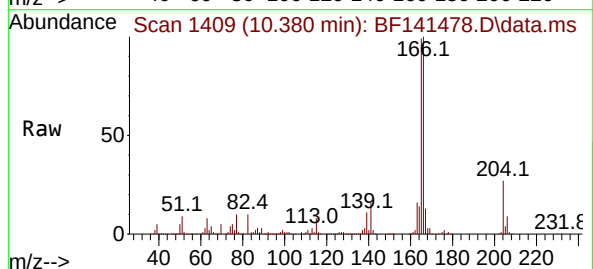
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



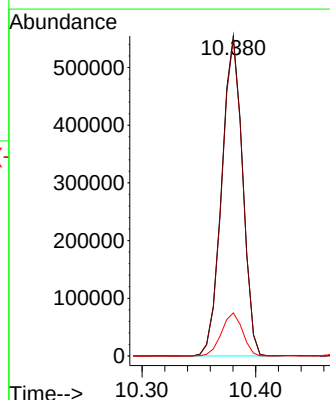
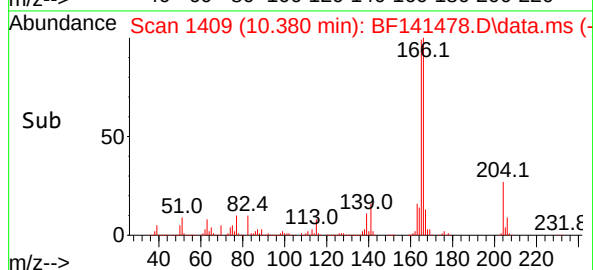
Tgt Ion:165 Resp: 222091
Ion Ratio Lower Upper
165 100
63 58.1 46.4 69.6
89 78.3 61.8 92.6
182 2.7 2.2 3.2

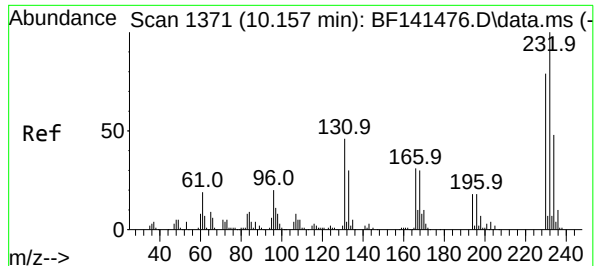


#58
Fluorene
Concen: 58.225 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47



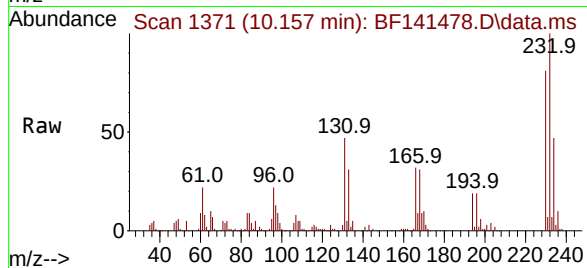
Tgt Ion:166 Resp: 707371
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 13.5 10.7 16.1



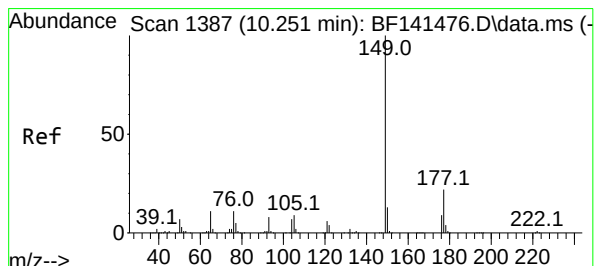
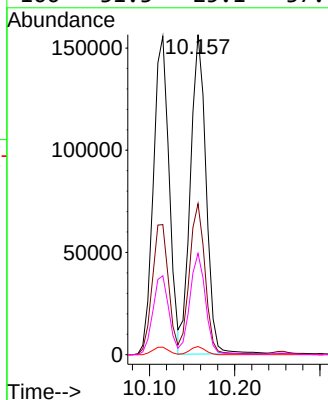
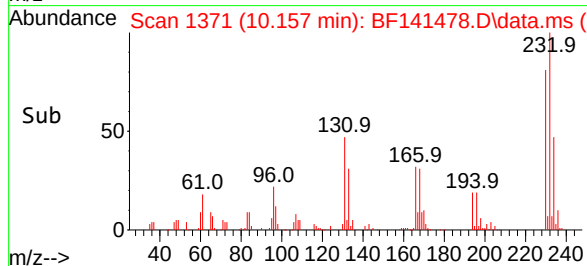


#59
2,3,4,6-Tetrachlorophenol
Concen: 60.972 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

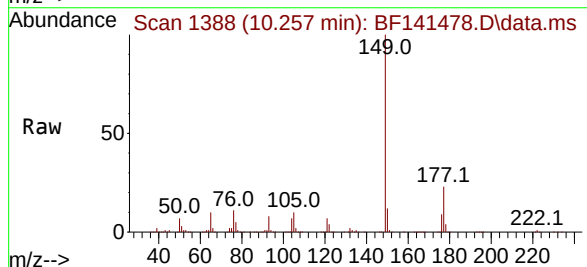
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



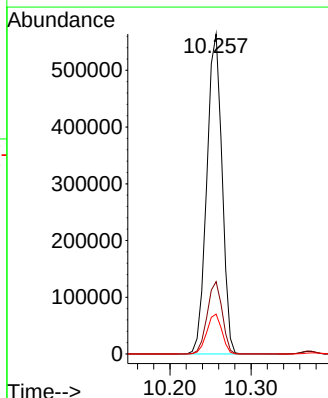
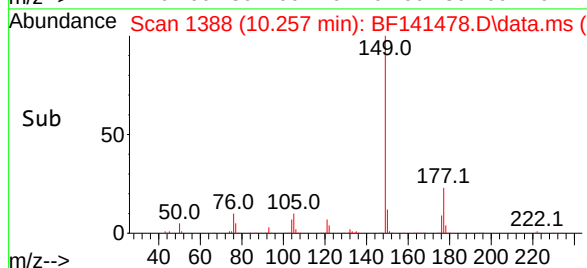
Tgt Ion:232 Resp: 198636
Ion Ratio Lower Upper
232 100
131 47.8 39.2 58.8
130 2.5 2.1 3.1
166 31.3 25.1 37.7

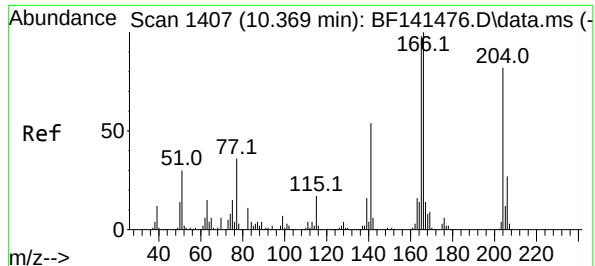


#60
Diethylphthalate
Concen: 58.755 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47



Tgt Ion:149 Resp: 732804
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 12.5 10.1 15.1

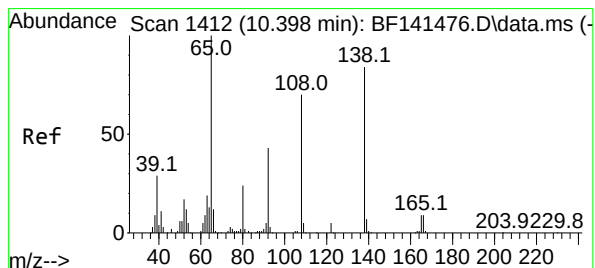
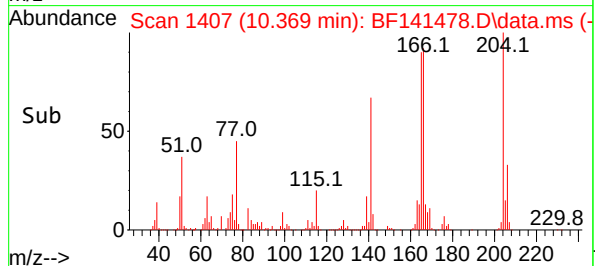
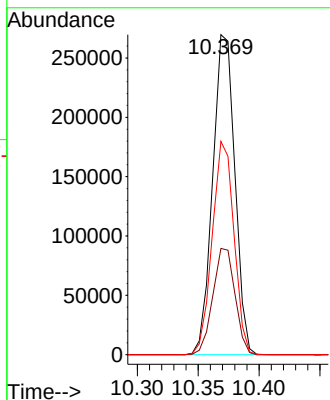
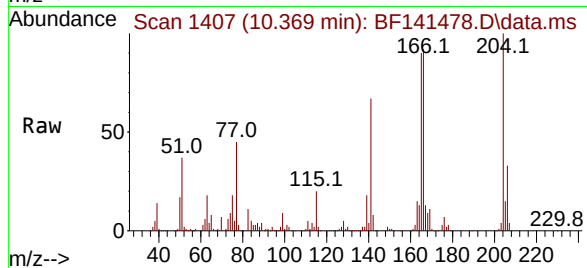




#61
4-Chlorophenyl-phenylether
Concen: 58.570 ng
RT: 10.369 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

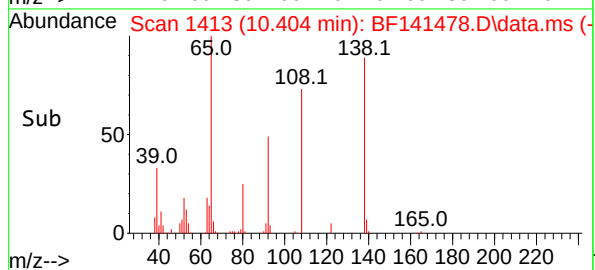
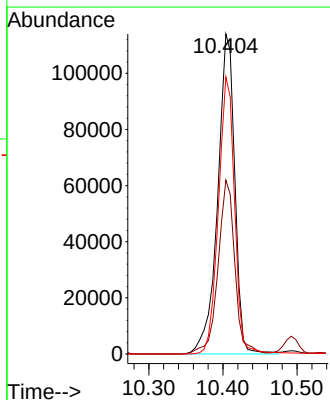
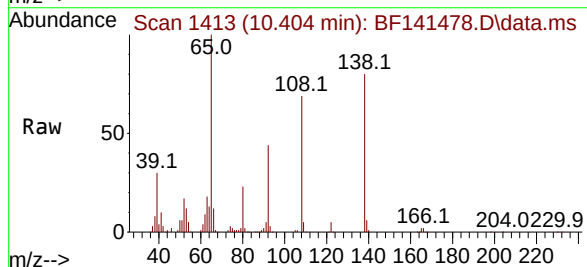
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

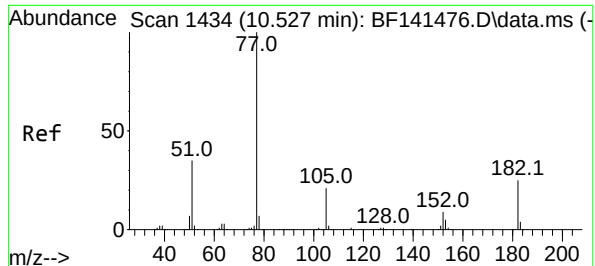
Tgt Ion:204 Resp: 342324
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 66.7 51.9 77.9



#62
4-Nitroaniline
Concen: 60.406 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:138 Resp: 182946
Ion Ratio Lower Upper
138 100
92 54.3 31.3 71.3
108 86.6 63.7 103.7

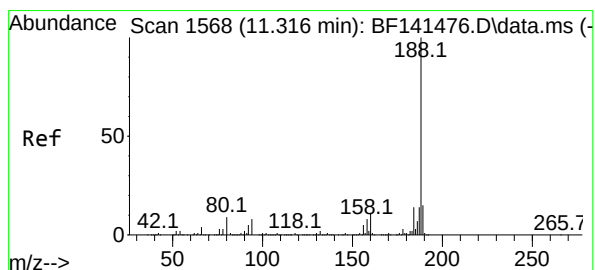
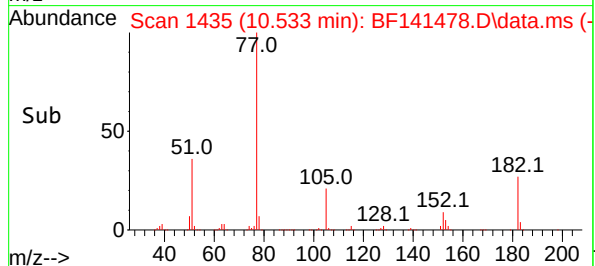
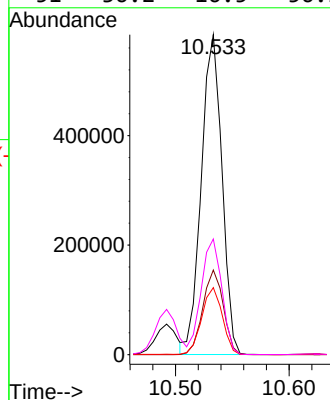
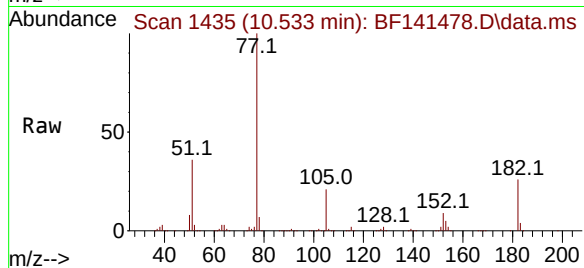




#63
Azobenzene
Concen: 59.629 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

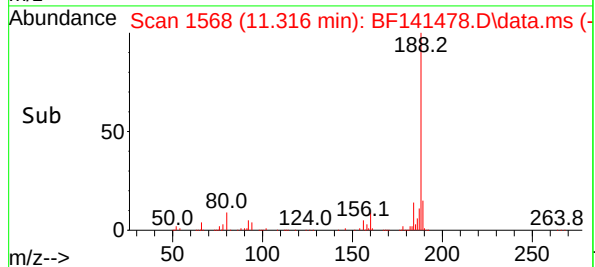
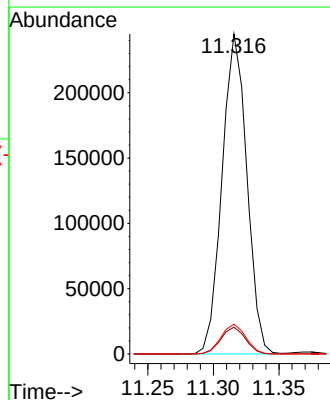
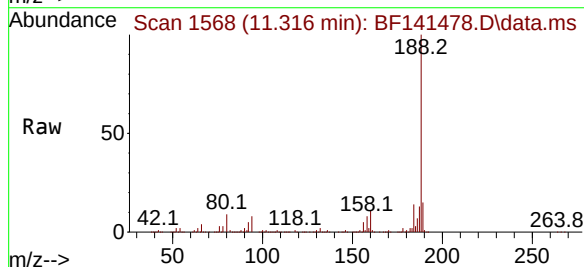
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

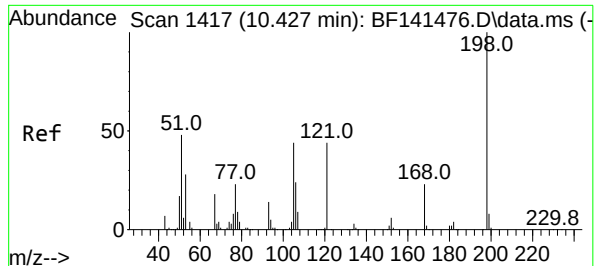
Tgt Ion: 77 Resp: 739338
Ion Ratio Lower Upper
77 100
182 26.5 4.7 44.7
105 21.0 0.4 40.4
51 36.2 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion: 188 Resp: 321893
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.3 7.3 10.9

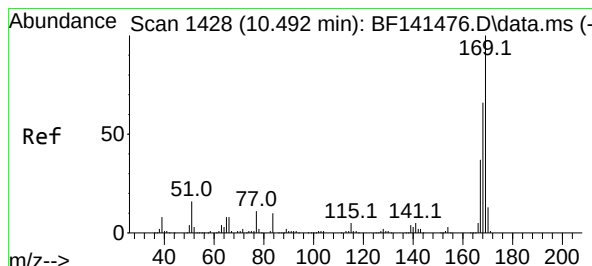
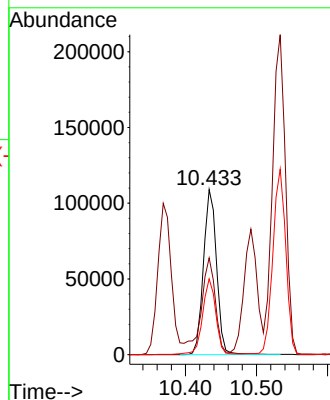
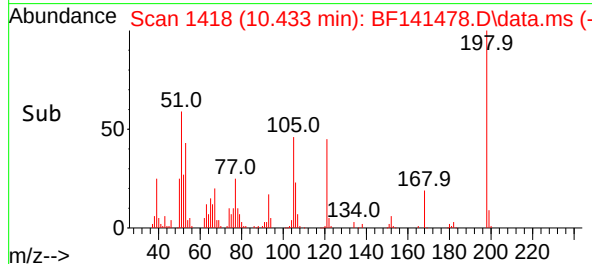
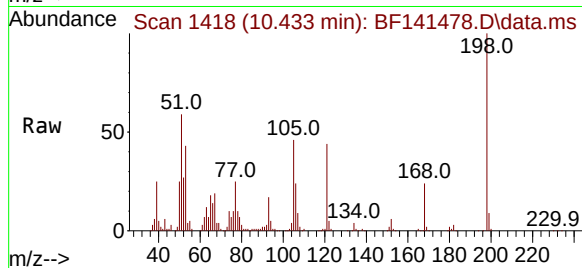




#65
4,6-Dinitro-2-methylphenol
Concen: 62.884 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

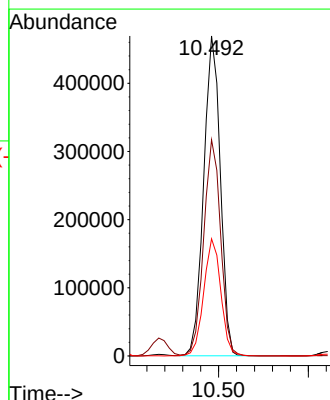
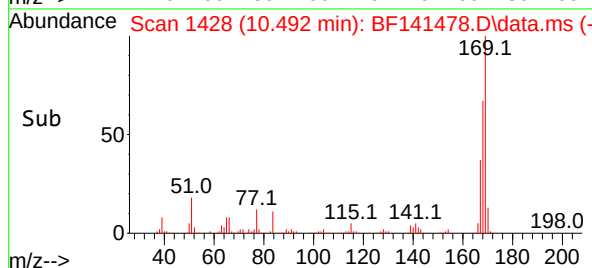
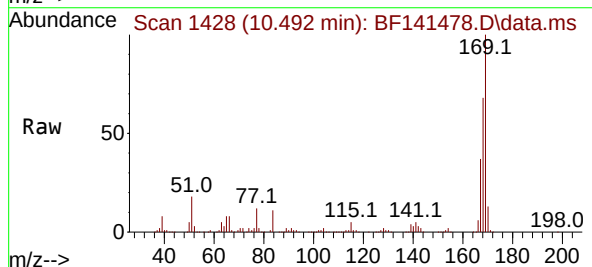
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

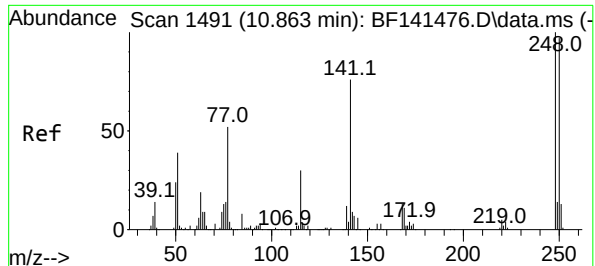
Tgt Ion:198 Resp: 140610
Ion Ratio Lower Upper
198 100
51 58.6 37.4 77.4
105 46.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 58.609 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:169 Resp: 603914
Ion Ratio Lower Upper
169 100
168 67.6 53.3 79.9
167 36.6 29.4 44.2

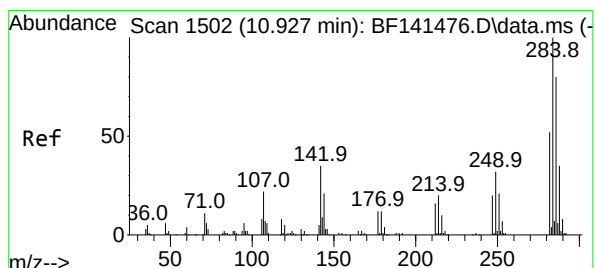
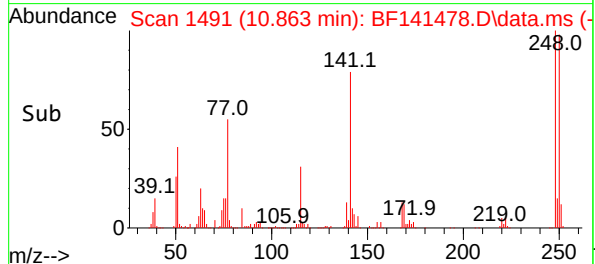
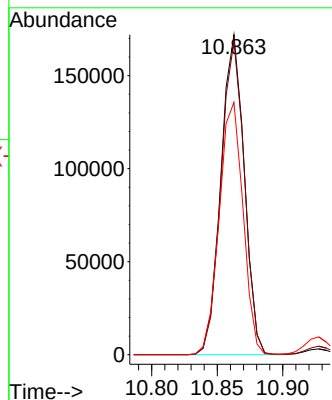
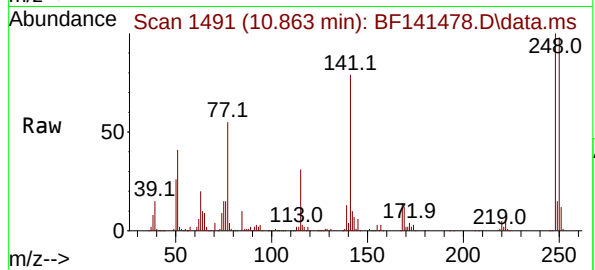




#67
4-Bromophenyl-phenylether
Concen: 59.314 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

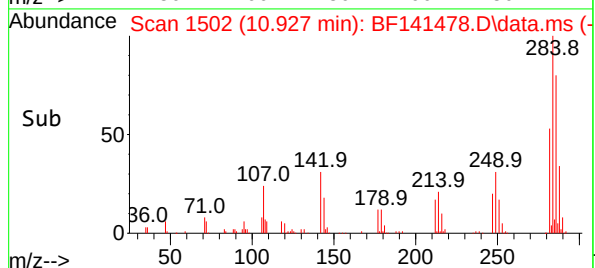
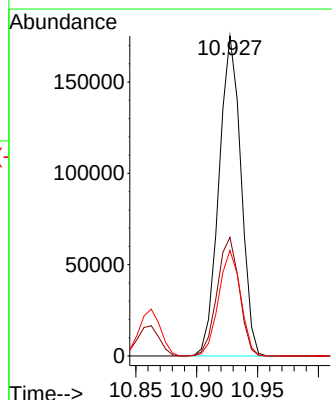
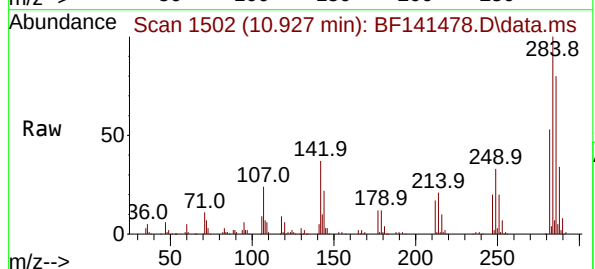
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

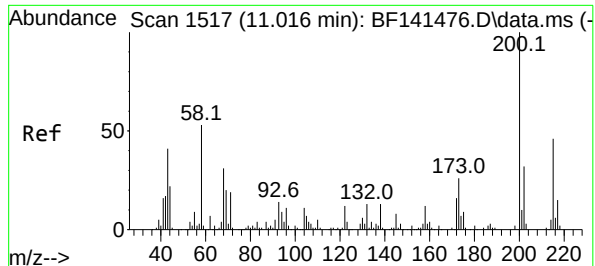
Tgt Ion:248 Resp: 213385
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 78.9 60.6 90.8



#68
Hexachlorobenzene
Concen: 59.552 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:284 Resp: 220611
Ion Ratio Lower Upper
284 100
142 37.0 28.0 42.0
249 33.0 25.8 38.8

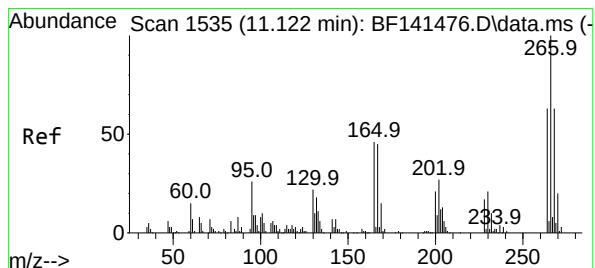
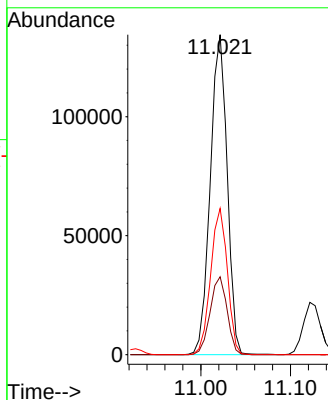
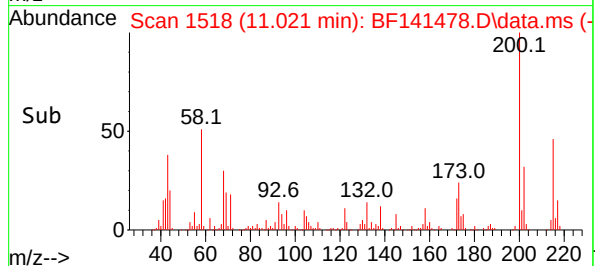
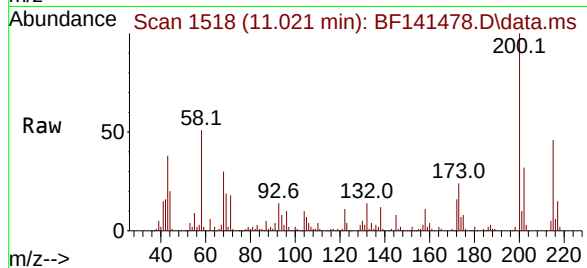




#69
Atrazine
Concen: 56.878 ng
RT: 11.021 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

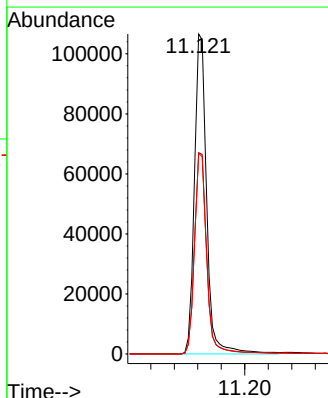
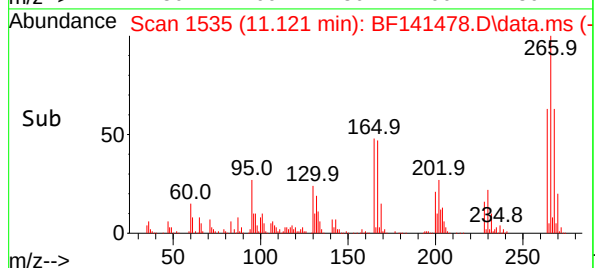
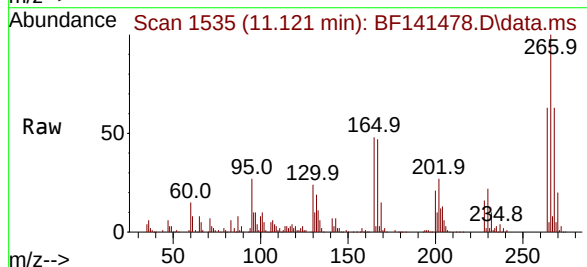
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

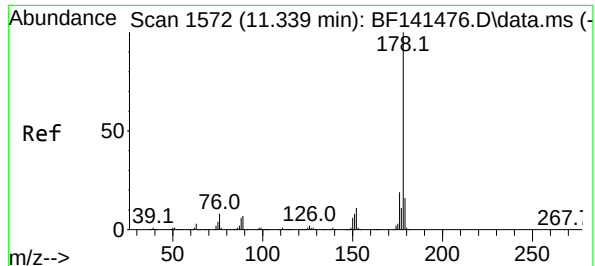
Tgt Ion:200 Resp: 175824
Ion Ratio Lower Upper
200 100
173 24.4 5.9 45.9
215 45.7 25.9 65.9



#70
Pentachlorophenol
Concen: 65.001 ng
RT: 11.121 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:266 Resp: 153971
Ion Ratio Lower Upper
266 100
268 62.9 50.1 75.1
264 62.7 50.1 75.1

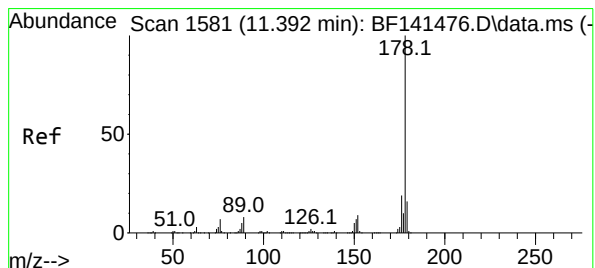
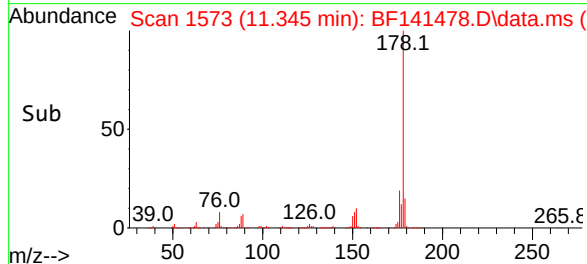
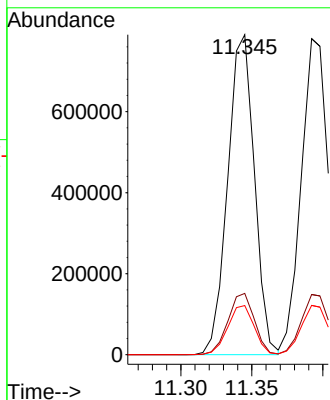
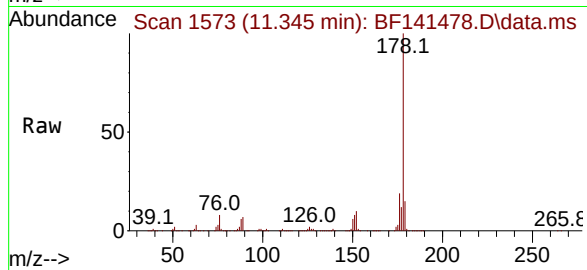




#71
Phenanthrene
Concen: 58.248 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

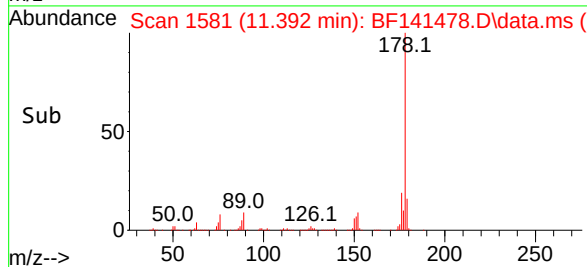
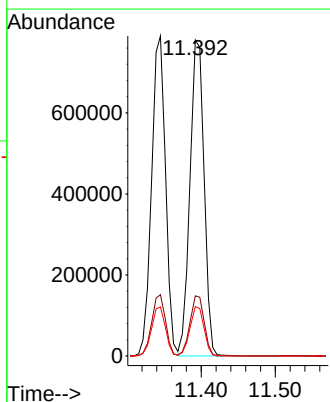
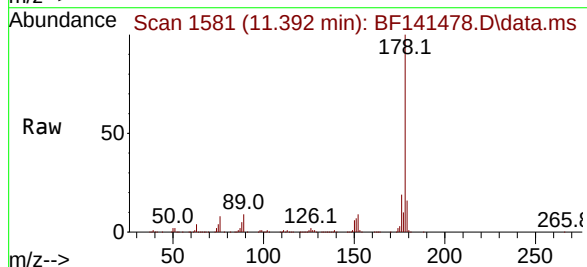
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

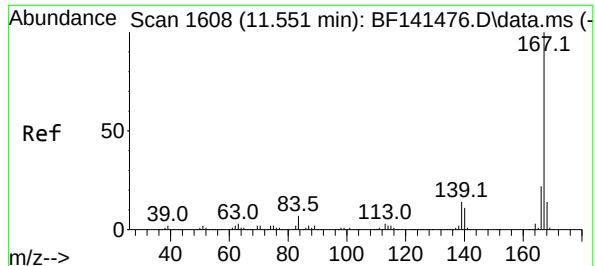
Tgt Ion:178 Resp: 1032075
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 58.062 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:178 Resp: 1034181
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.4 18.6

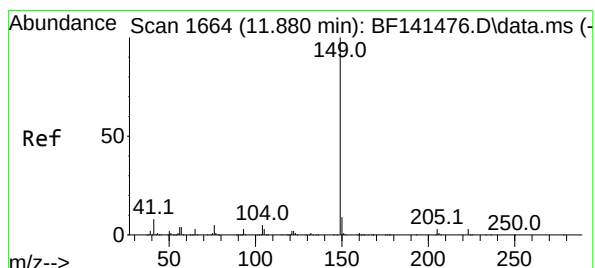
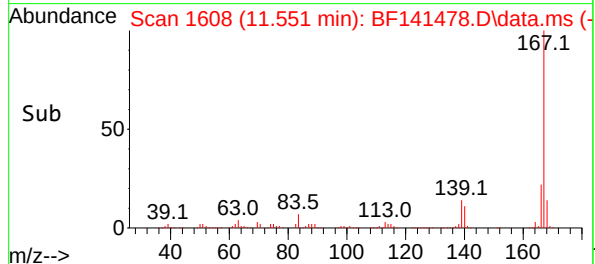
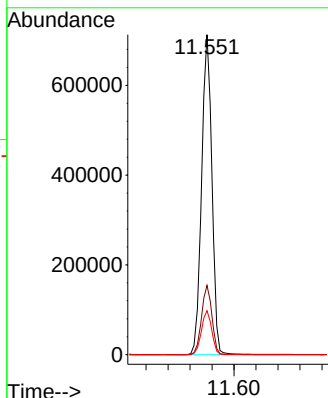
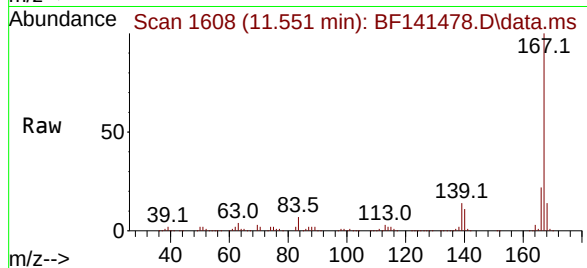




#73
Carbazole
Concen: 57.896 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

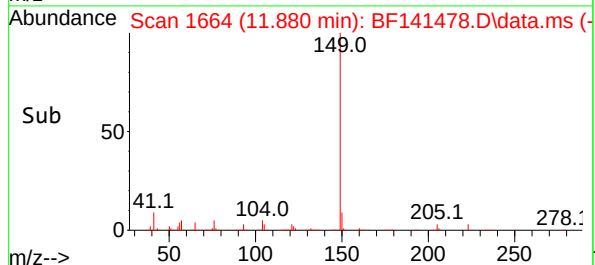
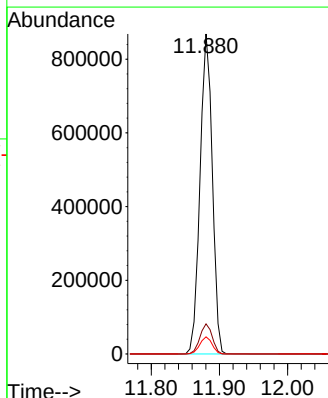
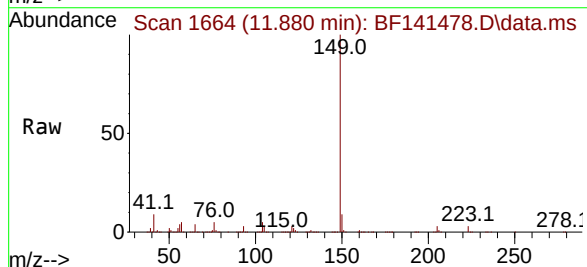
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

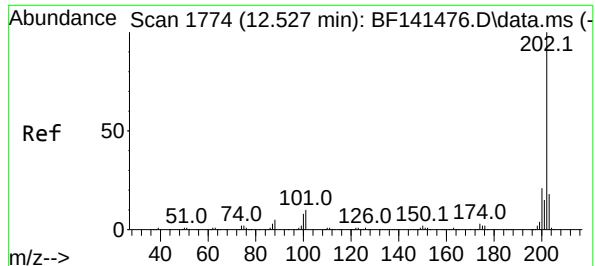
Tgt Ion:167 Resp: 927882
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.7 10.9 16.3



#74
Di-n-butylphthalate
Concen: 58.783 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:149 Resp: 1087815
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 4.2 6.2

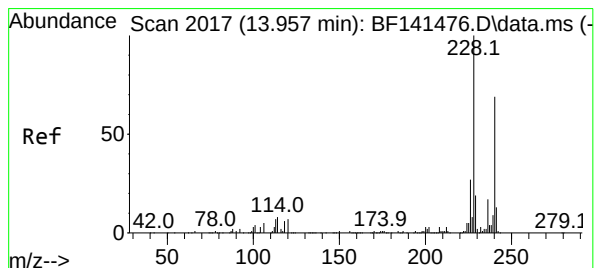
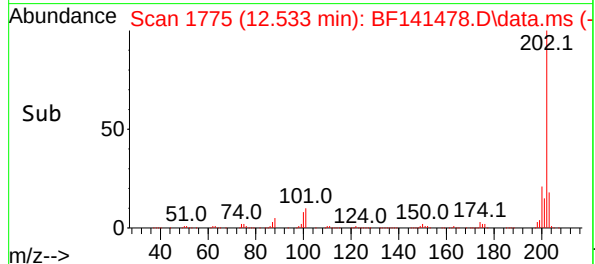
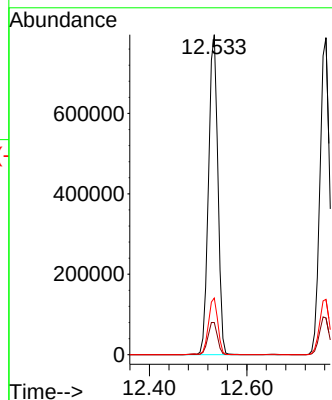
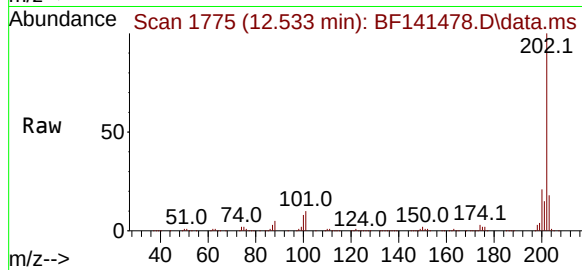




#75
Fluoranthene
Concen: 56.102 ng
RT: 12.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

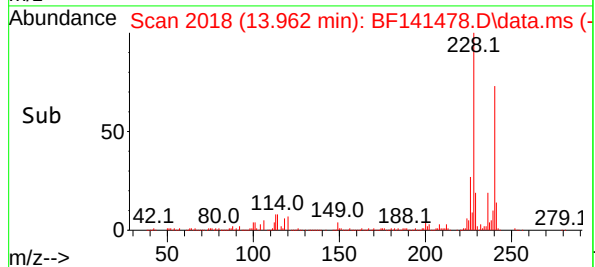
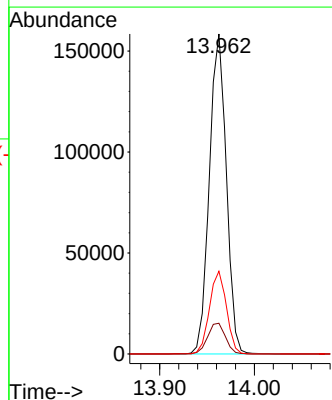
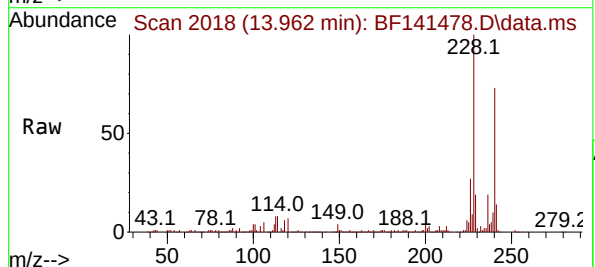
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

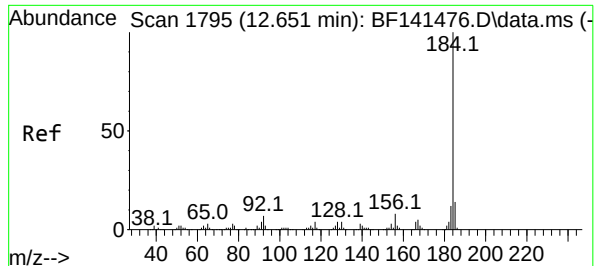
Tgt Ion:202 Resp: 1053887
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:240 Resp: 197108
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.9 19.8 29.8

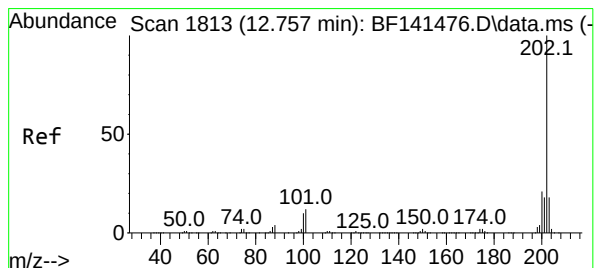
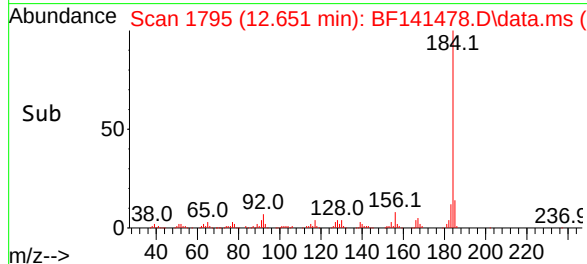
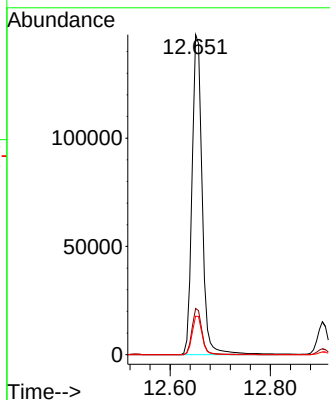
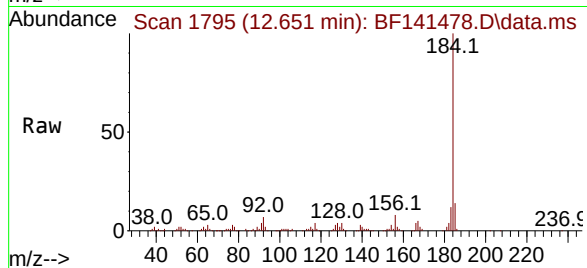




#77
Benzidine
Concen: 47.757 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

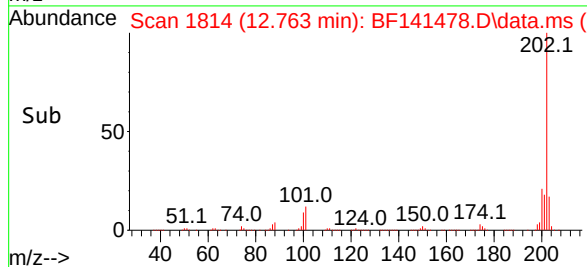
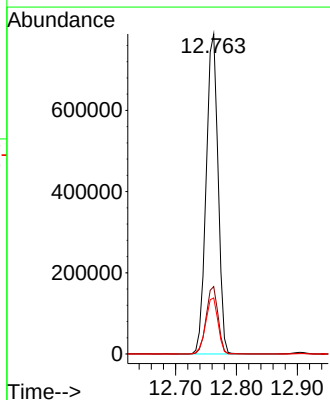
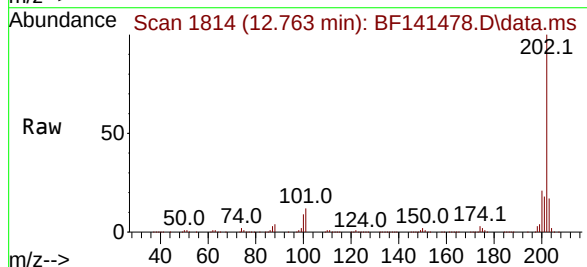
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

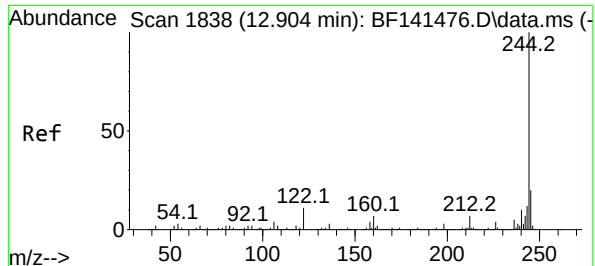
Tgt Ion:184 Resp: 207602
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 63.687 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:202 Resp: 1068624
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 124.977 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

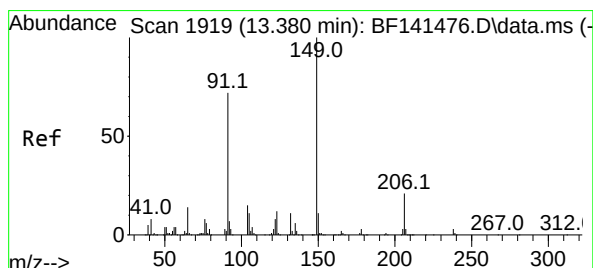
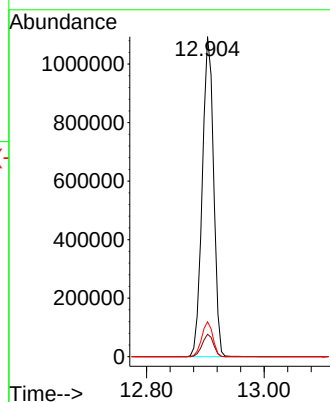
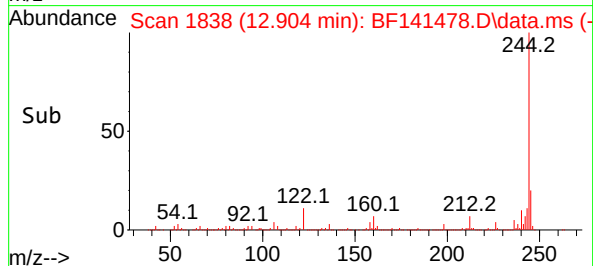
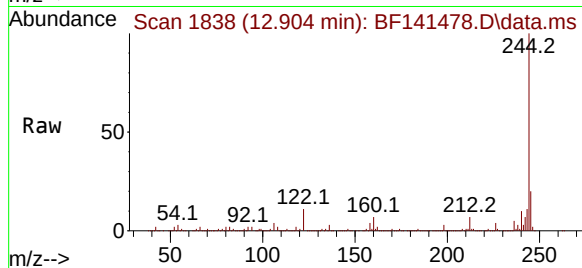
Tgt Ion:244 Resp: 1459213

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.9 8.4 12.6



#80

Butylbenzylphthalate

Concen: 63.357 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

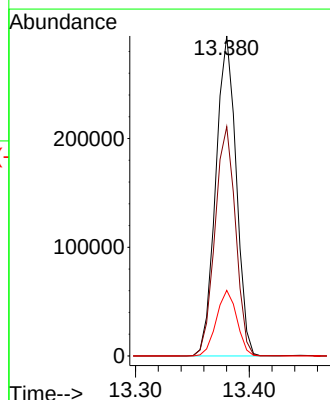
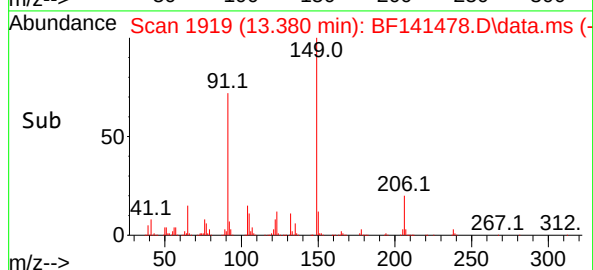
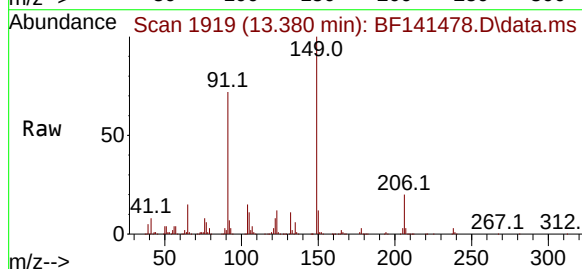
Tgt Ion:149 Resp: 368219

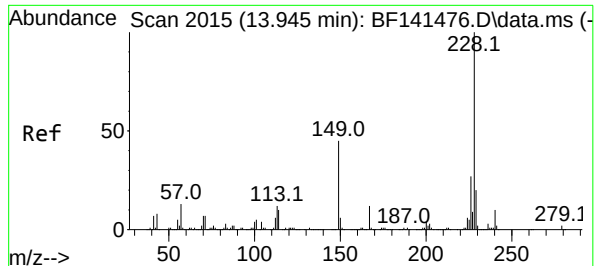
Ion Ratio Lower Upper

149 100

91 71.7 57.8 86.8

206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 59.097 ng

RT: 13.951 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

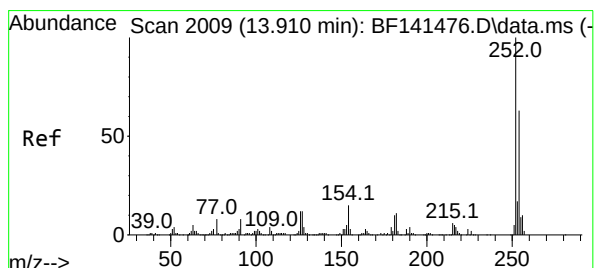
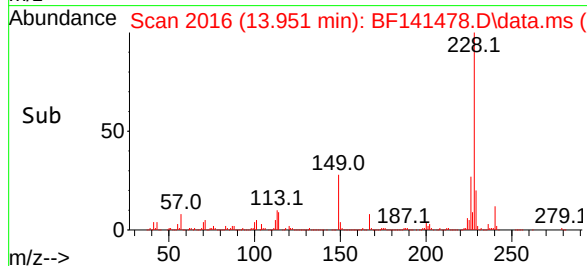
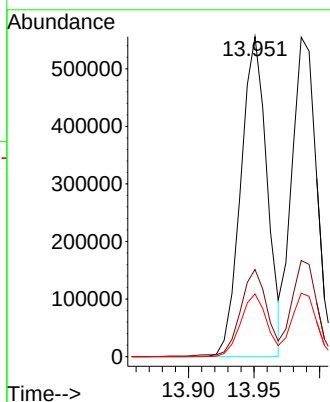
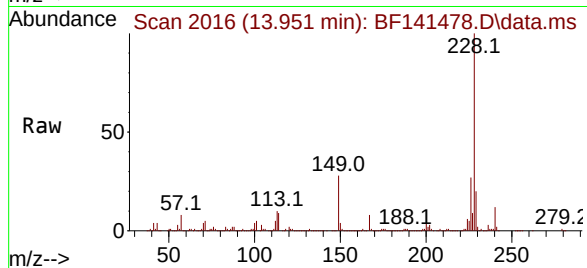
Tgt Ion:228 Resp: 774318

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 55.639 ng

RT: 13.915 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

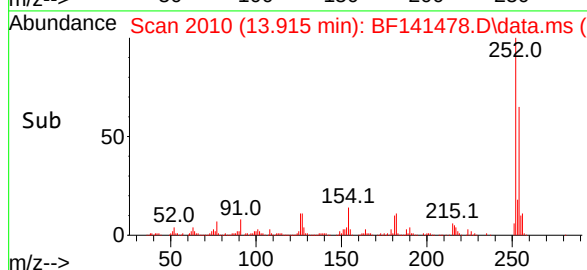
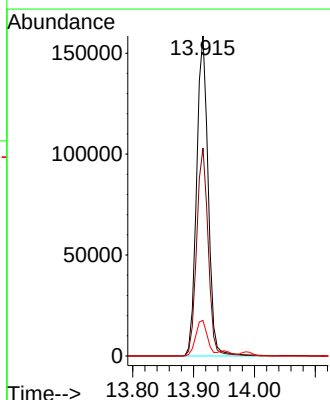
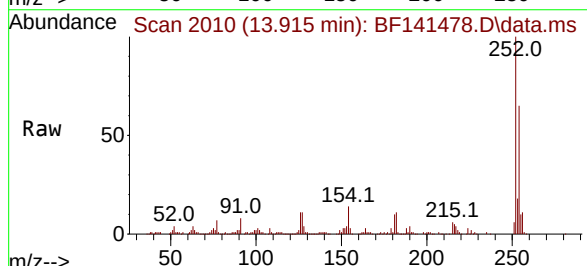
Tgt Ion:252 Resp: 208826

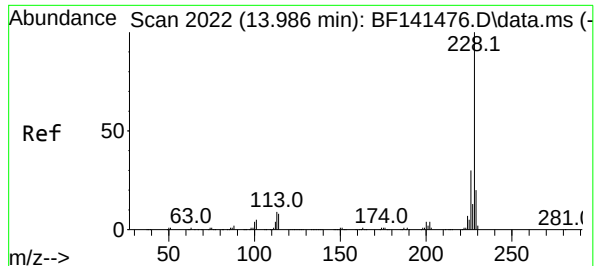
Ion Ratio Lower Upper

252 100

254 65.0 50.6 76.0

126 11.1 9.3 13.9

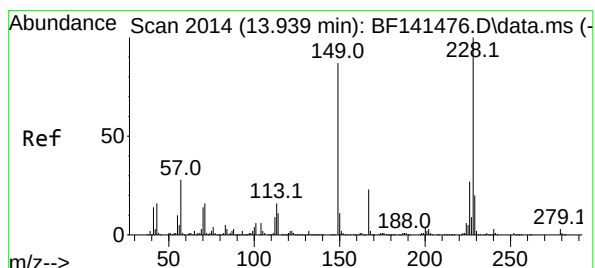
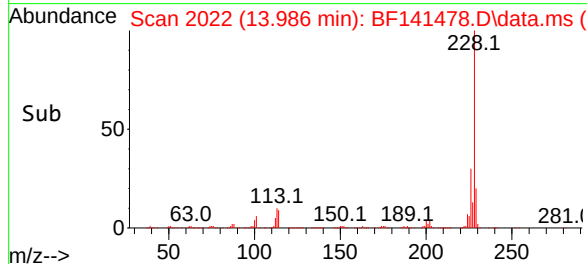
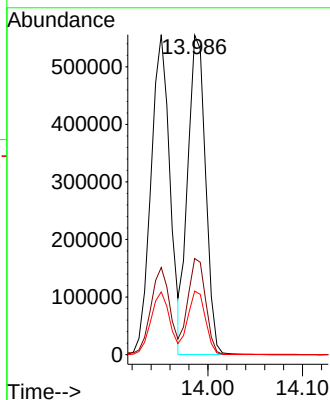
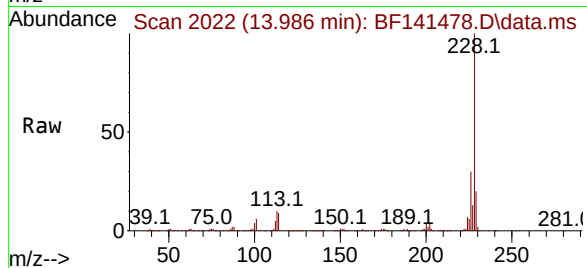




#83
Chrysene
Concen: 59.829 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

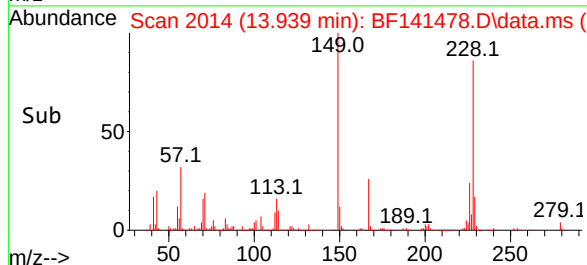
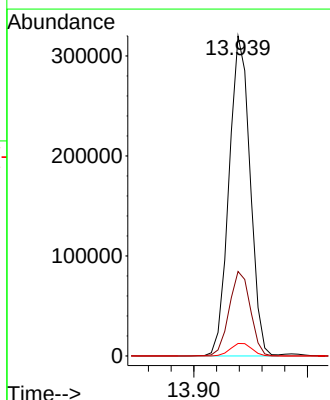
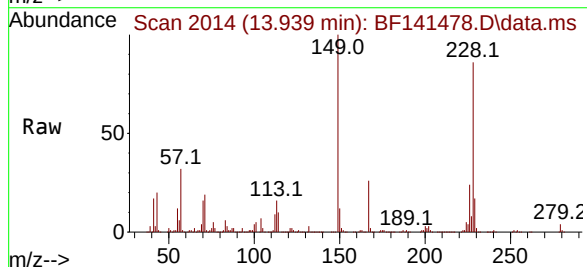
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

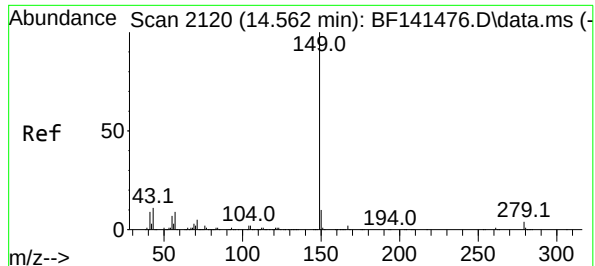
Tgt Ion:228 Resp: 723815
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.851 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:149 Resp: 411979
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.9 3.1 4.7

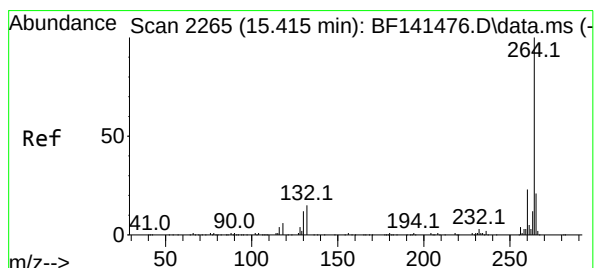
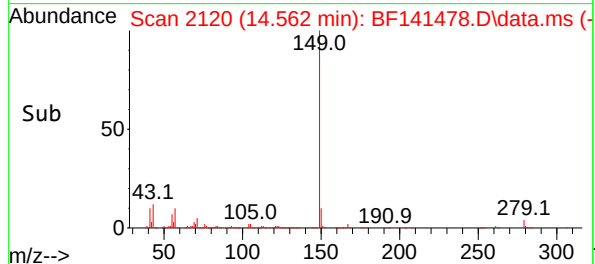
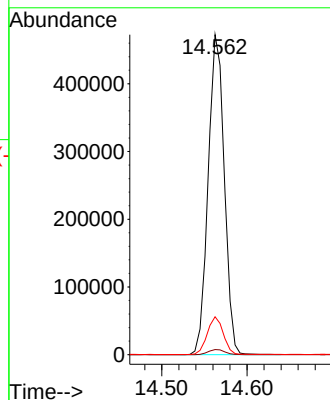
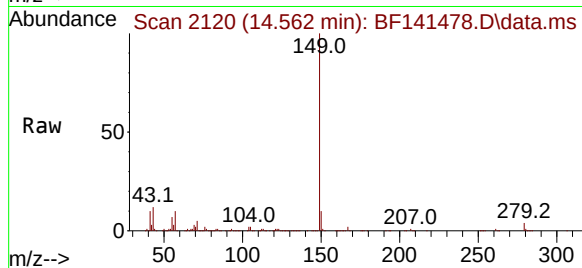




#85
Di-n-octyl phthalate
Concen: 66.464 ng
RT: 14.562 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

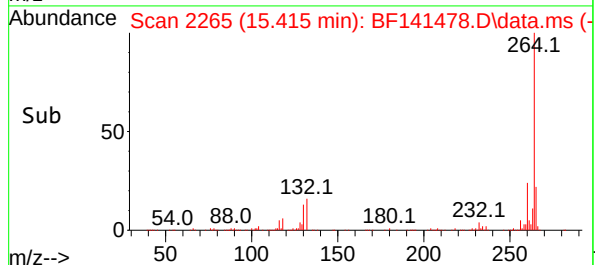
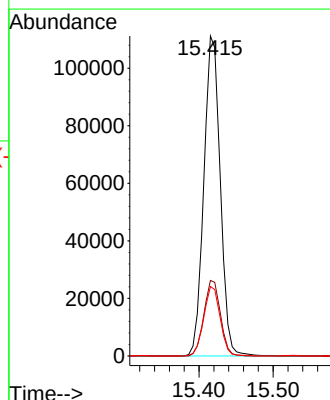
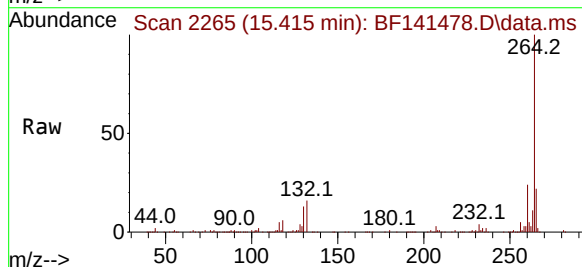
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

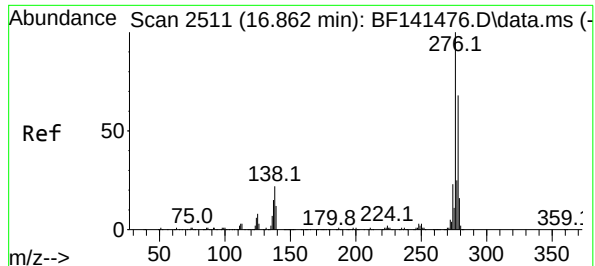
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.0	25.4

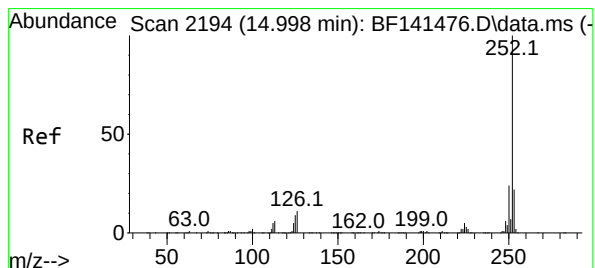
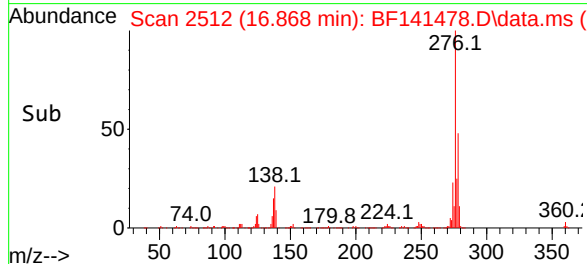
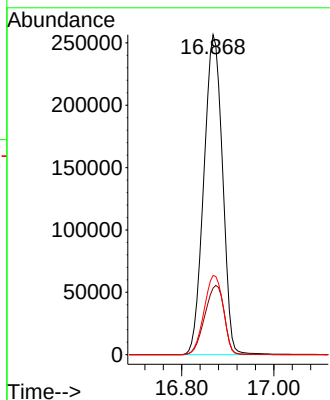
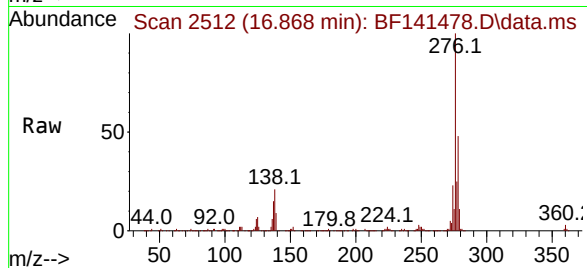




#87
Indeno(1,2,3-cd)pyrene
Concen: 68.464 ng
RT: 16.868 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

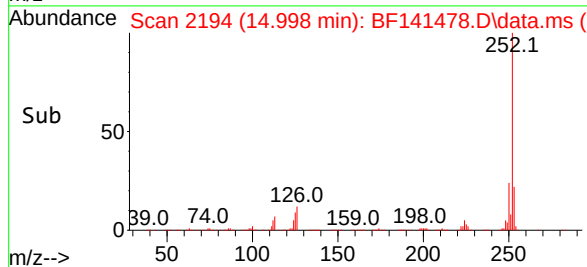
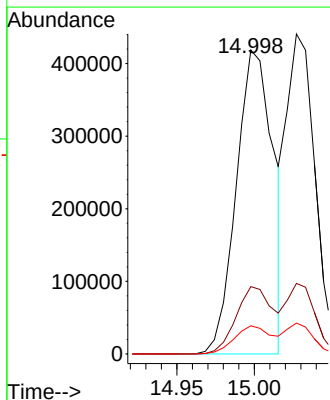
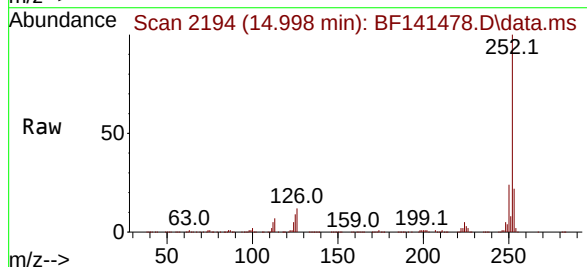
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

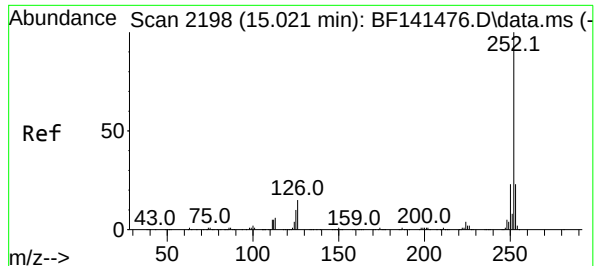
Tgt Ion:276 Resp: 723493
Ion Ratio Lower Upper
276 100
138 22.6 18.0 27.0
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 60.575 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141478.D
Acq: 06 Feb 2025 13:47

Tgt Ion:252 Resp: 695617
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 57.449 ng

RT: 15.027 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

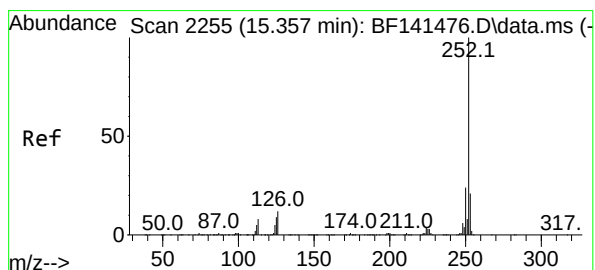
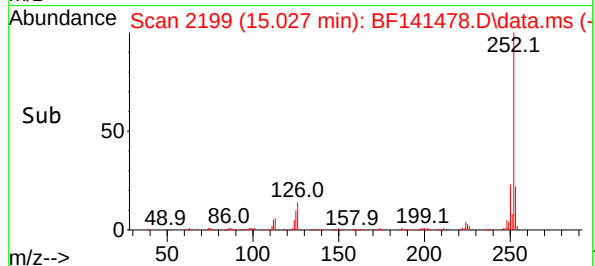
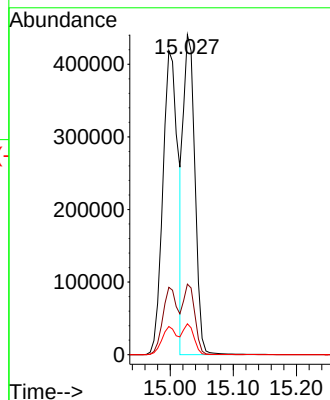
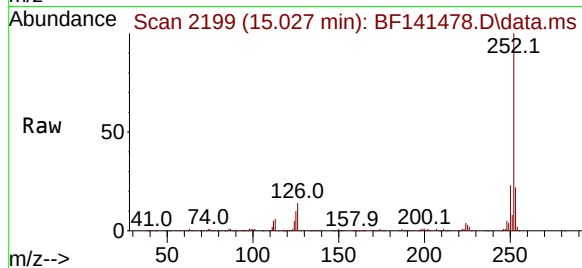
Tgt Ion:252 Resp: 563342

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 60.423 ng

RT: 15.357 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

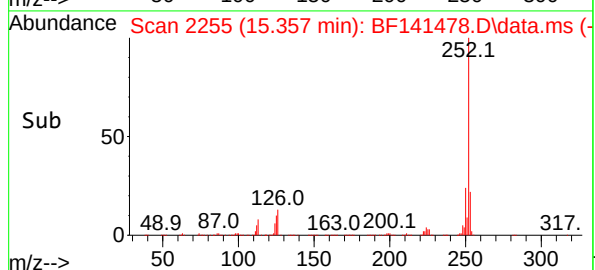
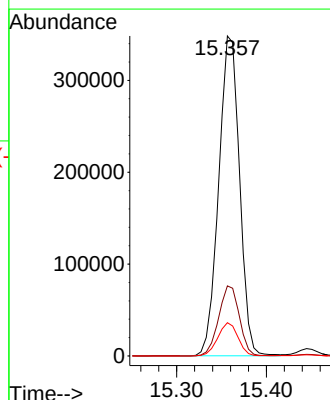
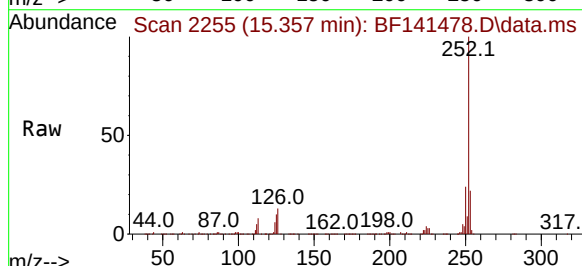
Tgt Ion:252 Resp: 561457

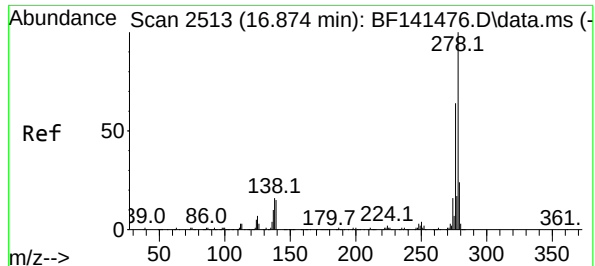
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 68.216 ng

RT: 16.886 min Scan# 2515

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

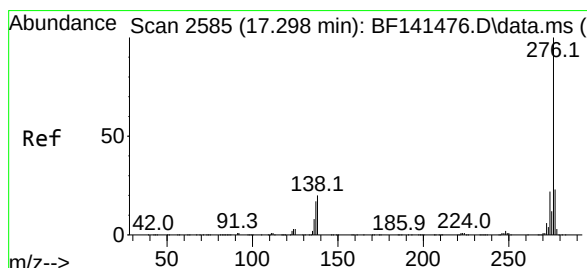
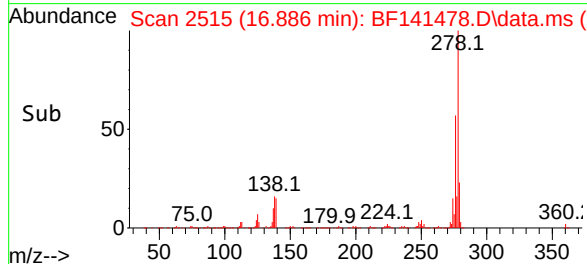
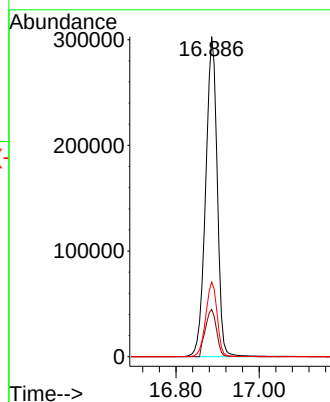
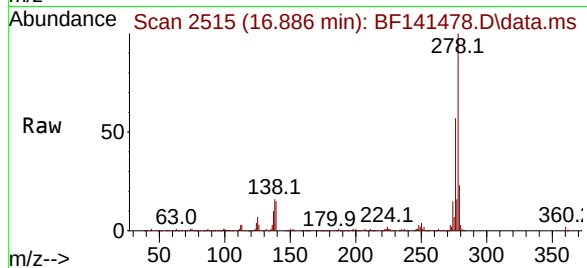
Tgt Ion:278 Resp: 584115

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.6

279 23.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 68.884 ng

RT: 17.309 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BF141478.D

Acq: 06 Feb 2025 13:47

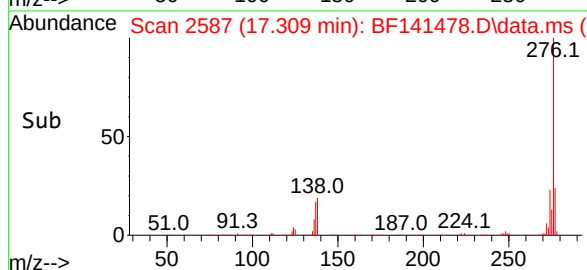
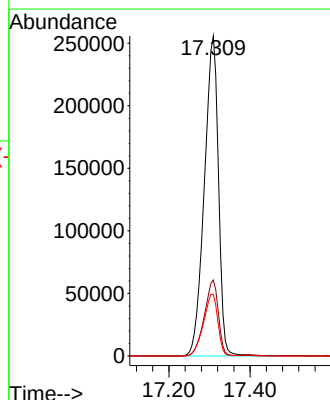
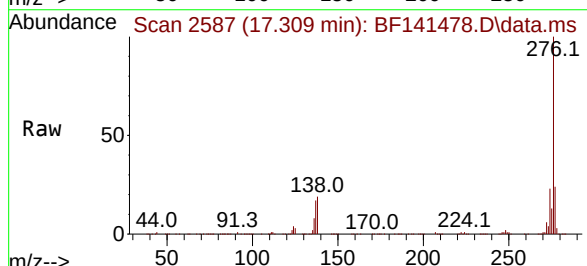
Tgt Ion:276 Resp: 617241

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 19.3 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141479.D
 Acq On : 06 Feb 2025 14:14
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Feb 06 16:01:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	90415	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	341252	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	186230	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	312902	20.000	ng	0.00
76) Chrysene-d12	13.962	240	184347	20.000	ng	0.00
86) Perylene-d12	15.415	264	170605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	878184	152.272	ng	0.00
7) Phenol-d6	6.439	99	1112281	152.591	ng	0.00
23) Nitrobenzene-d5	7.363	82	1048314	160.228	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	291947	156.058	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1789795	148.066	ng	0.00
79) Terphenyl-d14	12.904	244	1781602	163.152	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	181328	78.119	ng	99
3) Pyridine	3.216	79	435462	78.838	ng	99
4) n-Nitrosodimethylamine	3.187	42	301403	82.409	ng	97
6) Aniline	6.463	93	498556	72.913	ng	94
8) 2-Chlorophenol	6.586	128	470975	75.577	ng	99
10) Phenol	6.457	94	567332	74.779	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	454141	79.695	ng	99
12) 1,3-Dichlorobenzene	6.734	146	494180	75.115	ng	99
13) 1,4-Dichlorobenzene	6.810	146	498585	74.175	ng	99
14) 1,2-Dichlorobenzene	6.963	146	464559	74.465	ng	99
15) Benzyl Alcohol	6.939	79	420673	75.258	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	708318	72.613	ng	77
17) 2-Methylphenol	7.057	107	370173	75.912	ng	97
18) Hexachloroethane	7.304	117	190062	76.402	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	328097	75.249	ng	98
20) 3+4-Methylphenols	7.216	107	450046	72.613	ng	# 88
22) Acetophenone	7.210	105	652334	76.846	ng	98
24) Nitrobenzene	7.381	77	513249	80.448	ng	98
25) Isophorone	7.622	82	838076	80.337	ng	99
26) 2-Nitrophenol	7.692	139	261386	82.350	ng	98
27) 2,4-Dimethylphenol	7.733	122	300036	80.915	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	529442	79.203	ng	99
29) 2,4-Dichlorophenol	7.939	162	399027	79.645	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	428656	78.568	ng	99
31) Naphthalene	8.098	128	1381453	77.769	ng	100
32) Benzoic acid	7.892	122	335418	87.086	ng	98
33) 4-Chloroaniline	8.157	127	504834	81.400	ng	98
34) Hexachlorobutadiene	8.210	225	257532	78.628	ng	100
35) Caprolactam	8.545	113	125619	82.350	ng	97
36) 4-Chloro-3-methylphenol	8.639	107	441925	79.630	ng	98
37) 2-Methylnaphthalene	8.786	142	889774	76.975	ng	100
38) 1-Methylnaphthalene	8.886	142	861860	76.983	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	418579	77.689	ng	99
41) Hexachlorocyclopentadiene	8.939	237	159430	88.965	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	277156	79.591	ng	97
44) 2,4,5-Trichlorophenol	9.116	196	298856	79.189	ng	98

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 Data File : BF141479.D
 Acq On : 06 Feb 2025 14:14
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

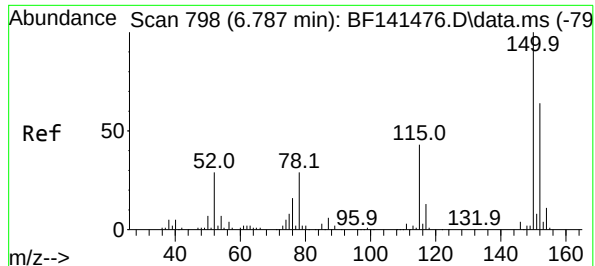
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 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	1100720	76.237	ng	99
47) 2-Chloronaphthalene	9.280	162	821334	76.929	ng	99
48) 2-Nitroaniline	9.380	65	286532	79.969	ng	97
49) Acenaphthylene	9.692	152	1211515	76.291	ng	99
50) Dimethylphthalate	9.563	163	1002121	79.265	ng	99
51) 2,6-Dinitrotoluene	9.622	165	215853	78.101	ng	94
52) Acenaphthene	9.869	154	819818	76.791	ng	99
53) 3-Nitroaniline	9.792	138	235511	79.173	ng	97
54) 2,4-Dinitrophenol	9.904	184	147768	89.960	ng	95
55) Dibenzofuran	10.039	168	1174157	74.928	ng	100
56) 4-Nitrophenol	9.969	139	187131	84.744	ng	97
57) 2,4-Dinitrotoluene	10.027	165	284954	77.449	ng	95
58) Fluorene	10.380	166	909704	75.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	253454	78.006	ng	98
60) Diethylphthalate	10.257	149	945293	75.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	435522	74.716	ng	99
62) 4-Nitroaniline	10.416	138	241257	79.873	ng	99
63) Azobenzene	10.533	77	963689	77.931	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	185427	85.309	ng	99
66) n-Nitrosodiphenylamine	10.498	169	785313	78.404	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	276228	78.988	ng	96
68) Hexachlorobenzene	10.927	284	285111	79.174	ng	97
69) Atrazine	11.021	200	219923	73.188	ng	100
70) Pentachlorophenol	11.127	266	200556	87.100	ng	99
71) Phenanthrene	11.345	178	1312474	76.201	ng	100
72) Anthracene	11.398	178	1322462	76.380	ng	99
73) Carbazole	11.551	167	1168253	74.989	ng	99
74) Di-n-butylphthalate	11.880	149	1382706	76.865	ng	99
75) Fluoranthene	12.533	202	1333237	73.011	ng	100
77) Benzidine	12.657	184	354555	87.207	ng	99
78) Pyrene	12.763	202	1319554	84.086	ng	100
80) Butylbenzylphthalate	13.380	149	459803	84.592	ng	100
81) Benzo(a)anthracene	13.951	228	943291	76.977	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	263773	75.143	ng	100
83) Chrysene	13.992	228	906415	80.108	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	517884	84.477	ng	99
85) Di-n-octyl phthalate	14.562	149	803601	91.886	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	961023	91.166	ng	100
88) Benzo(b)fluoranthene	15.004	252	865205	75.529	ng	100
89) Benzo(k)fluoranthene	15.033	252	776323	79.364	ng	99
90) Benzo(a)pyrene	15.362	252	742932	80.150	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	773684	90.578	ng	99
92) Benzo(g,h,i)perylene	17.315	276	831418	93.015	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

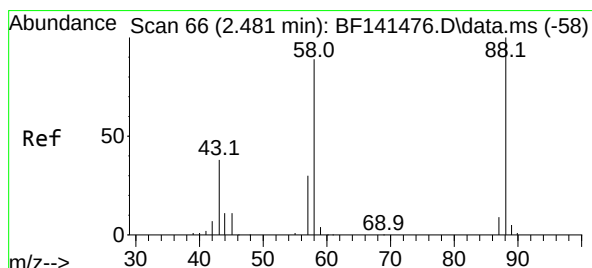
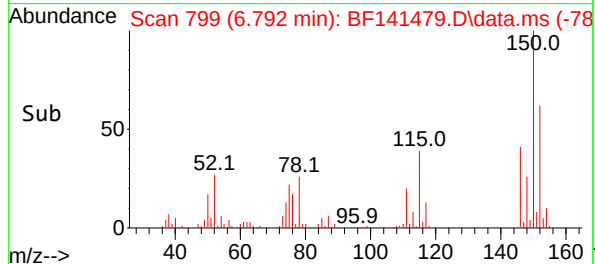
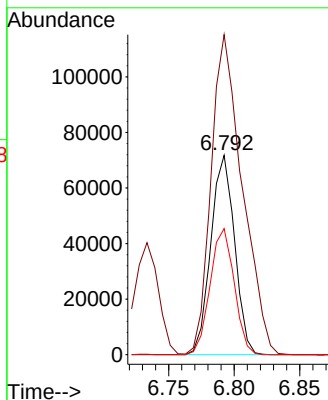
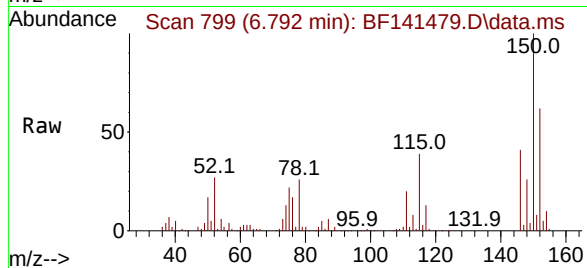
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

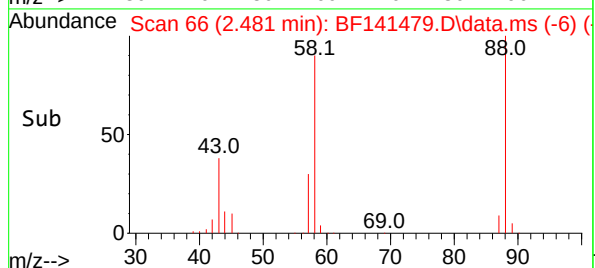
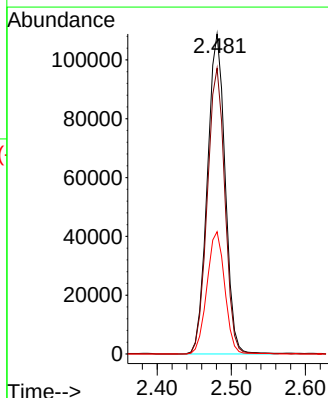
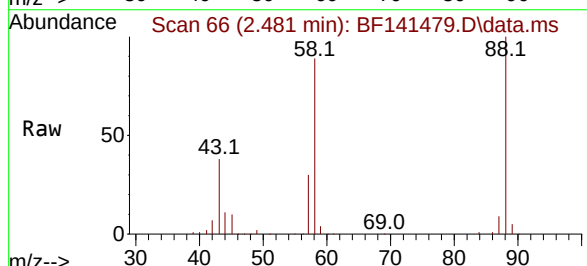
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BNA_F
ClientSampleId :
SSTDICC080

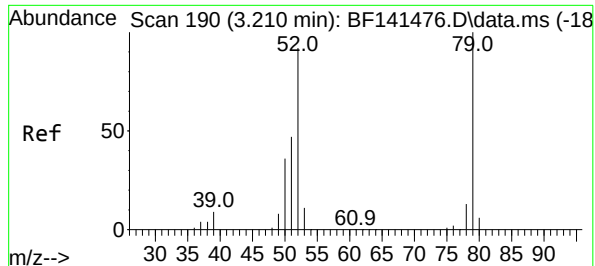
Tgt Ion:152 Resp: 90415
Ion Ratio Lower Upper
152 100
150 160.5 125.0 187.4
115 63.2 53.6 80.4



#2
1,4-Dioxane
Concen: 78.119 ng
RT: 2.481 min Scan# 66
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 88 Resp: 181328
Ion Ratio Lower Upper
88 100
58 88.2 71.1 106.7
43 38.3 30.6 46.0

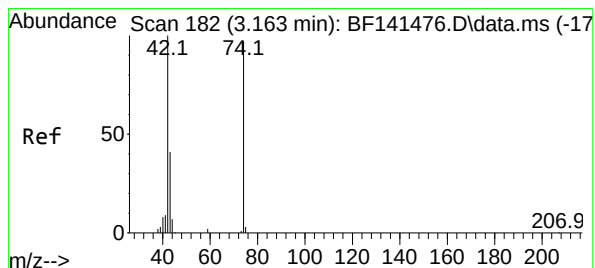
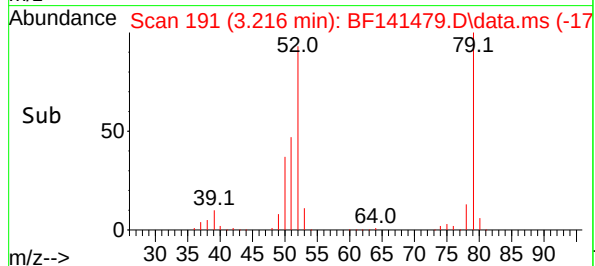
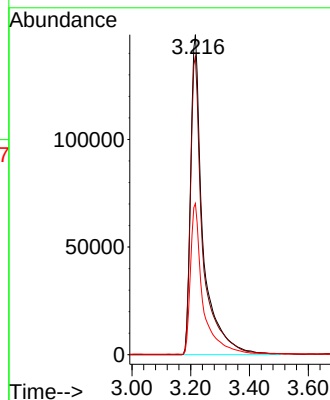
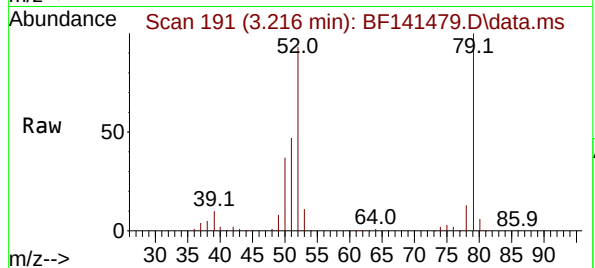




#3
Pyridine
Concen: 78.838 ng
RT: 3.216 min Scan# 190
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

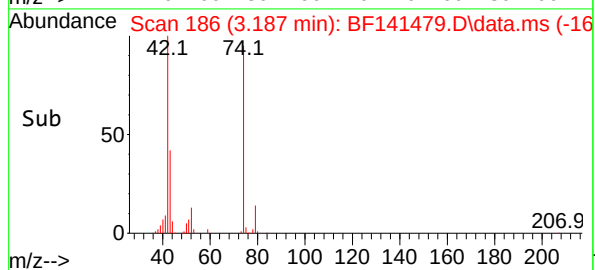
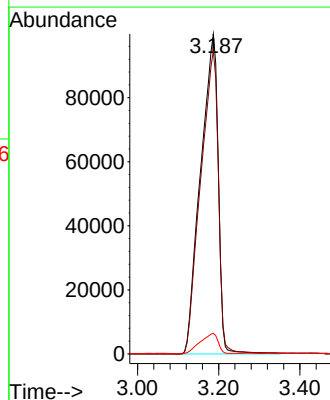
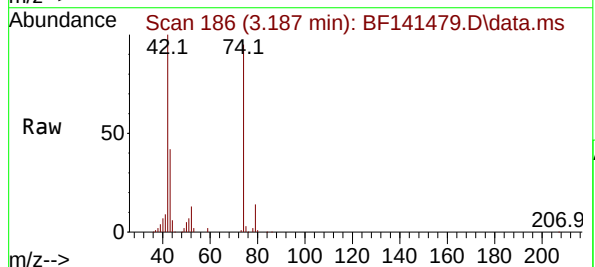
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

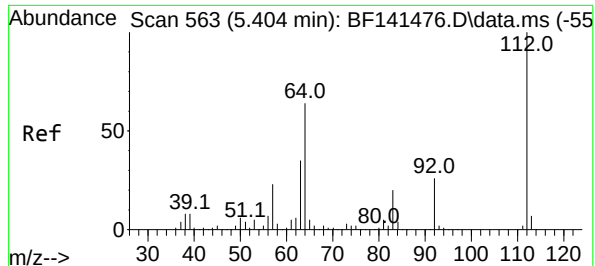
Tgt Ion: 79 Resp: 435462
Ion Ratio Lower Upper
79 100
52 93.2 73.7 110.5
51 47.3 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 82.409 ng
RT: 3.187 min Scan# 186
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 42 Resp: 301403
Ion Ratio Lower Upper
42 100
74 94.7 78.0 117.0
44 6.4 5.4 8.2

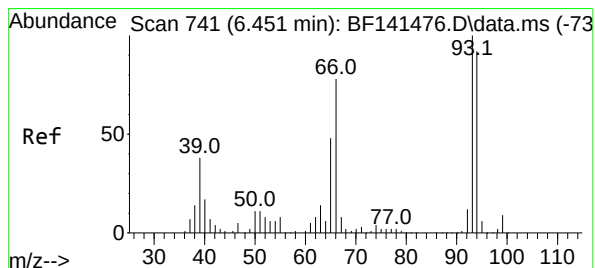
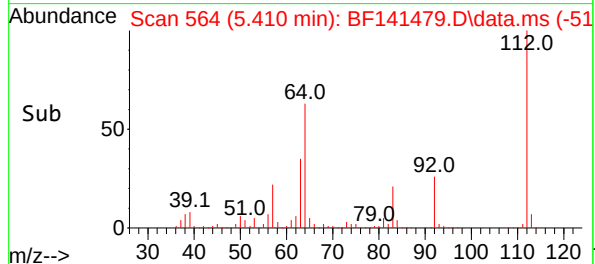
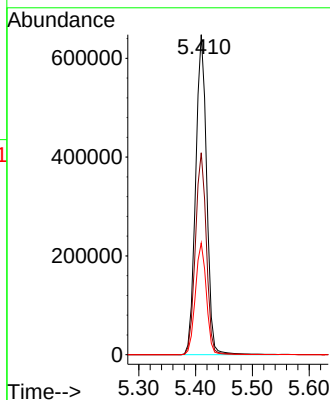
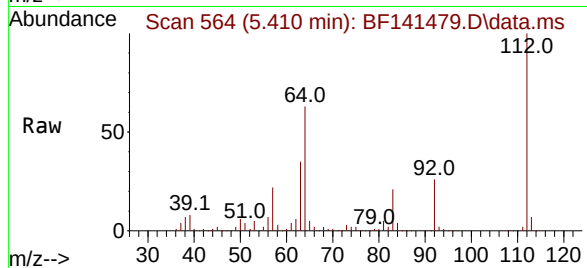




#5
2-Fluorophenol
Concen: 152.272 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

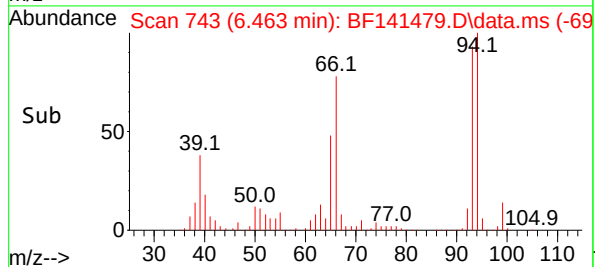
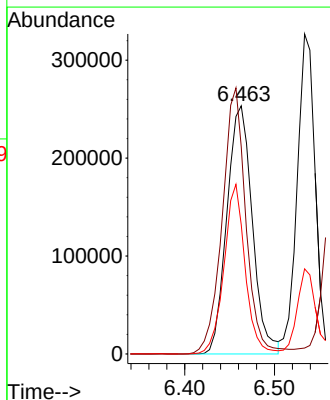
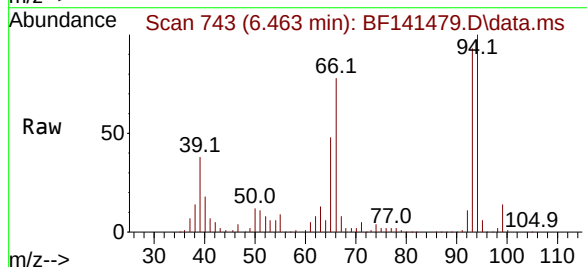
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ClientSampleId :
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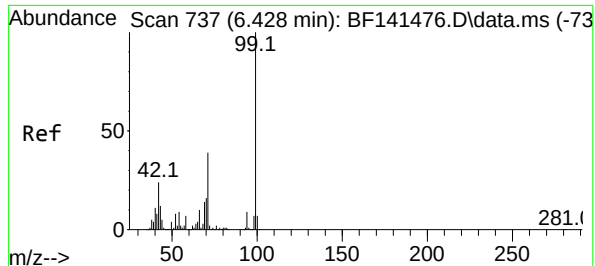
Tgt Ion:112 Resp: 878184
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 34.9 28.4 42.6



#6
Aniline
Concen: 72.913 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 93 Resp: 498556
Ion Ratio Lower Upper
93 100
66 83.5 62.6 94.0
65 52.1 38.3 57.5

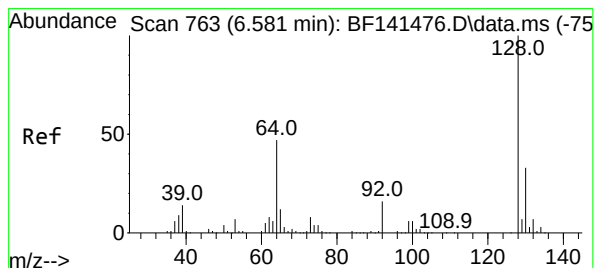
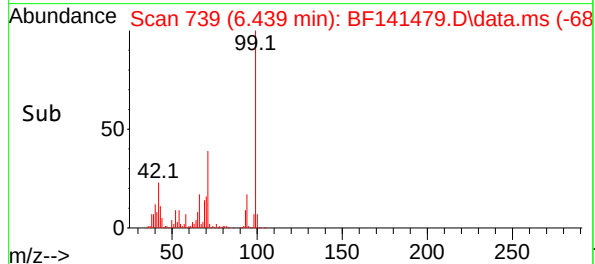
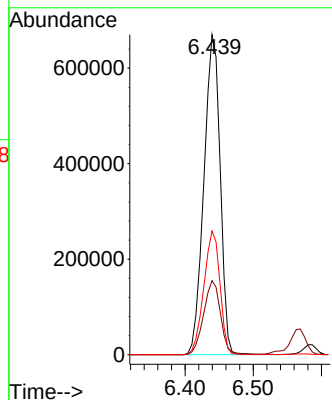
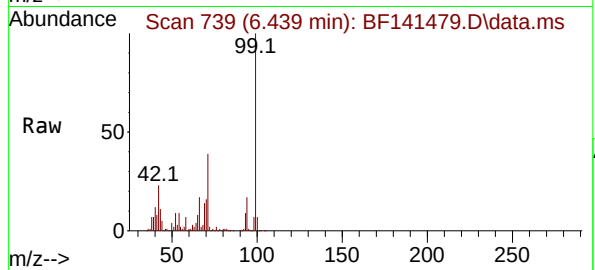




#7
Phenol-d6
Concen: 152.591 ng
RT: 6.439 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

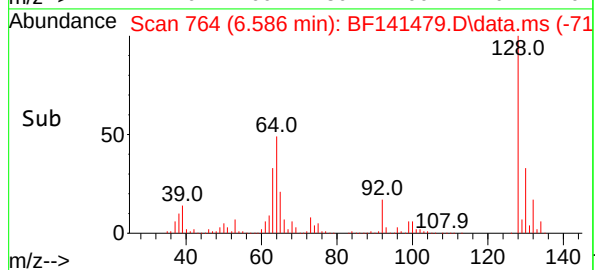
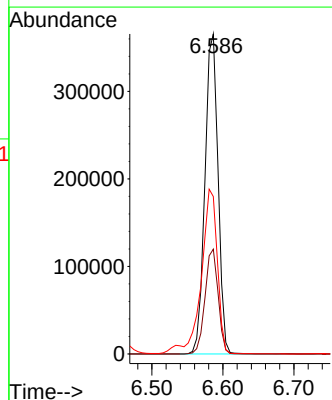
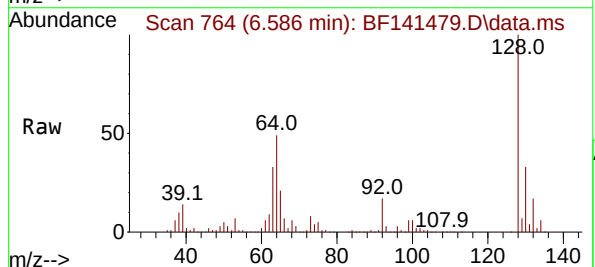
Instrument :
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ClientSampleId :
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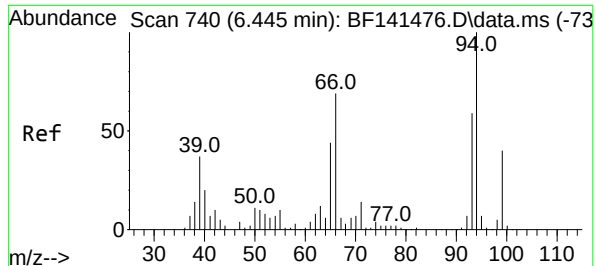
Tgt Ion: 99 Resp: 1112281
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 38.7 31.1 46.7



#8
2-Chlorophenol
Concen: 75.577 ng
RT: 6.586 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 128 Resp: 470975
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 49.2 28.3 68.3

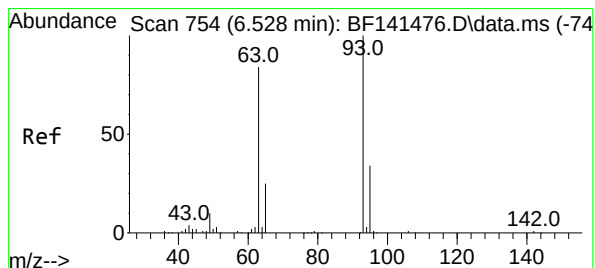
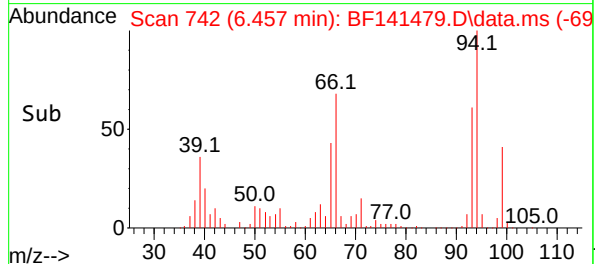
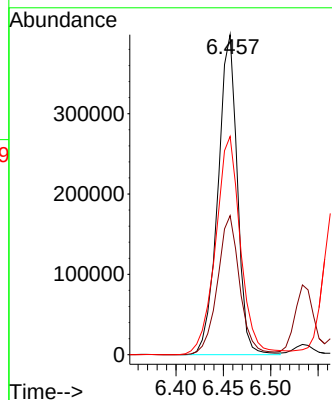
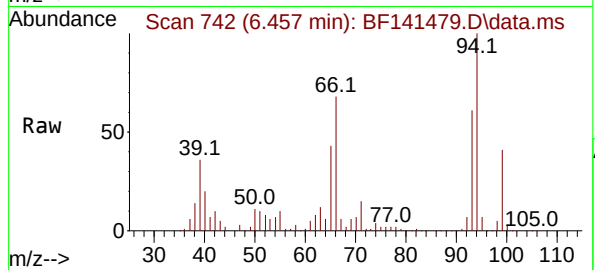




#10
Phenol
Concen: 74.779 ng
RT: 6.457 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

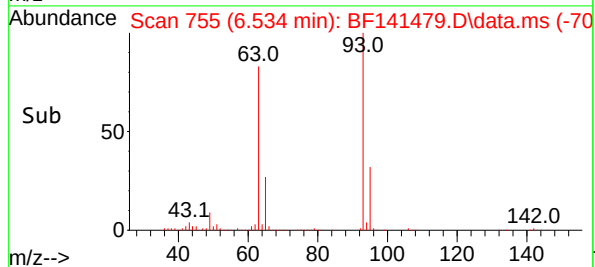
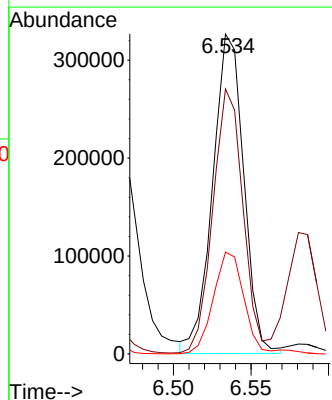
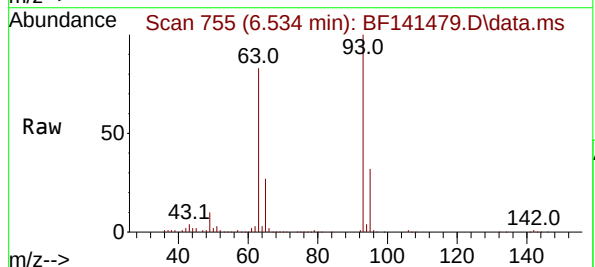
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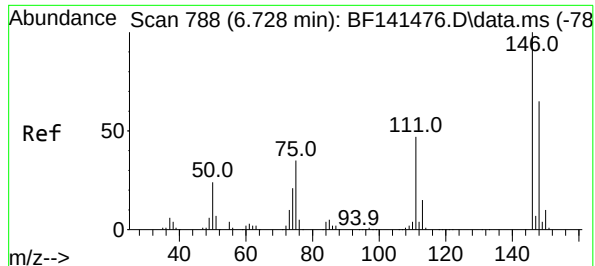
Tgt Ion: 94 Resp: 567332
Ion Ratio Lower Upper
94 100
65 43.5 23.7 63.7
66 68.2 49.3 89.3



#11
bis(2-Chloroethyl)ether
Concen: 79.695 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 93 Resp: 454141
Ion Ratio Lower Upper
93 100
63 82.8 62.0 102.0
95 31.9 12.6 52.6





#12

1,3-Dichlorobenzene

Concen: 75.115 ng

RT: 6.734 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

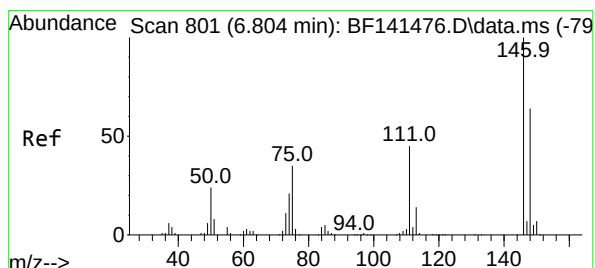
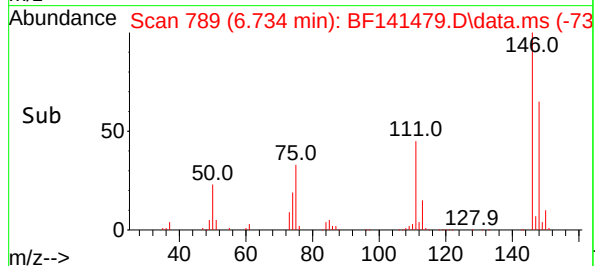
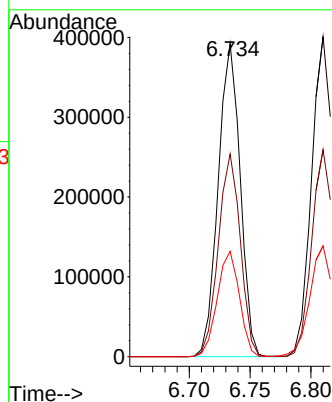
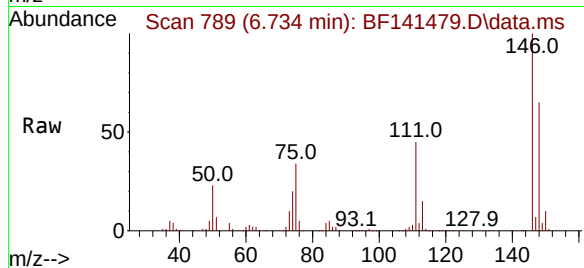
Tgt Ion:146 Resp: 494180

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

75 33.7 28.2 42.2



#13

1,4-Dichlorobenzene

Concen: 74.175 ng

RT: 6.810 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

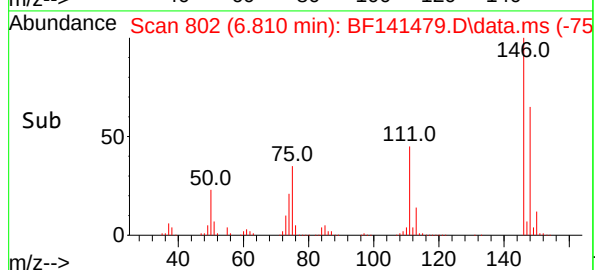
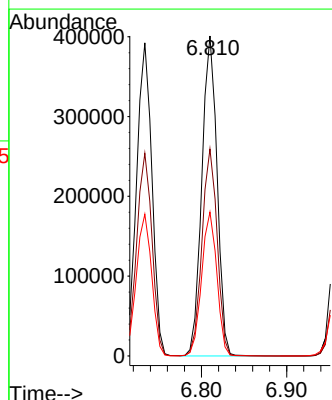
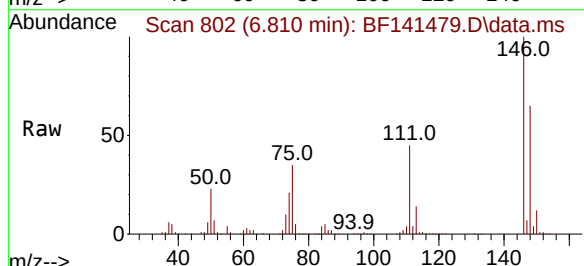
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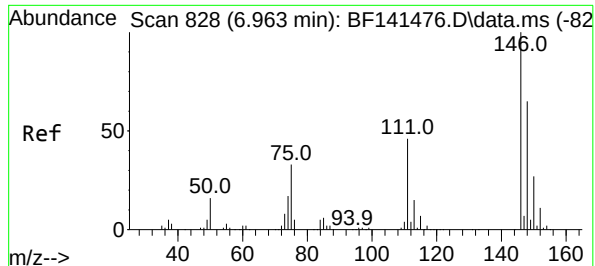
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

111 44.9 35.9 53.9





#14

1,2-Dichlorobenzene

Concen: 74.465 ng

RT: 6.963 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

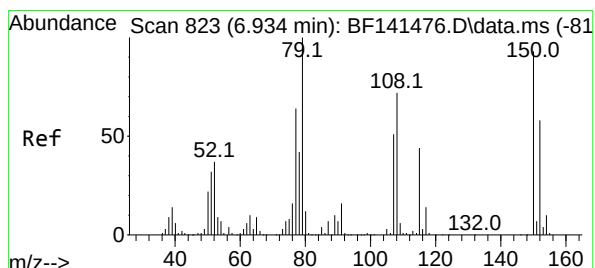
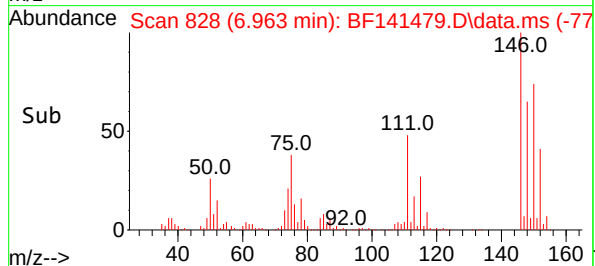
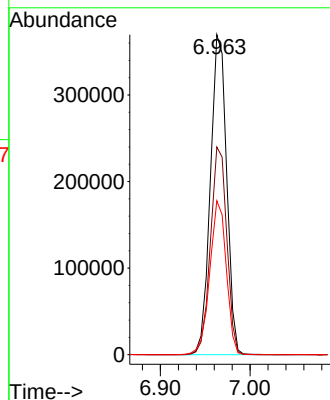
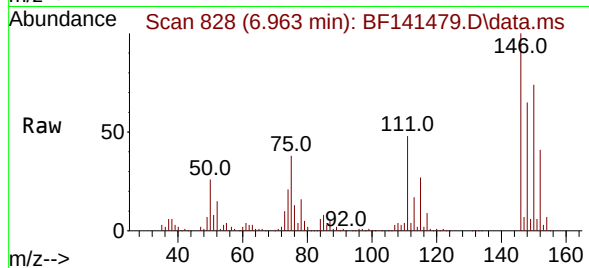
Tgt Ion:146 Resp: 464559

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

111 48.1 37.0 55.4



#15

Benzyl Alcohol

Concen: 75.258 ng

RT: 6.939 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

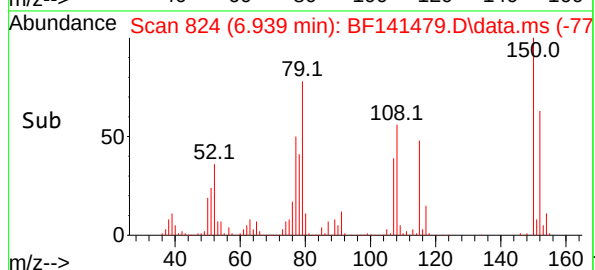
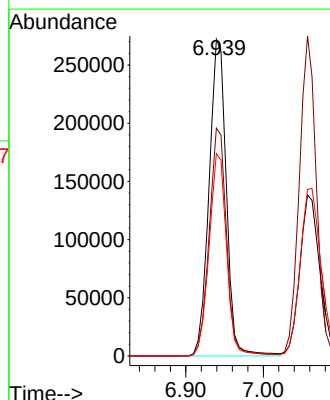
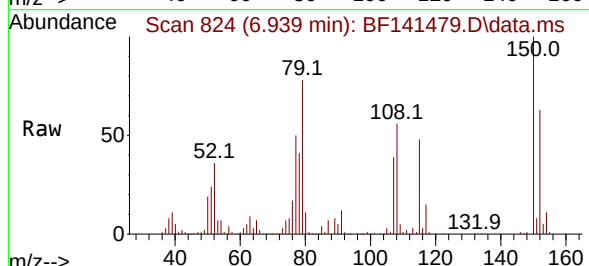
Tgt Ion: 79 Resp: 420673

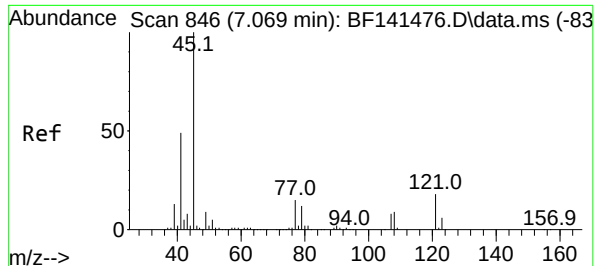
Ion Ratio Lower Upper

79 100

108 72.0 57.4 86.2

77 64.0 50.9 76.3





#16

2,2'-oxybis(1-Chloropropane)

Concen: 72.613 ng

RT: 7.069 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

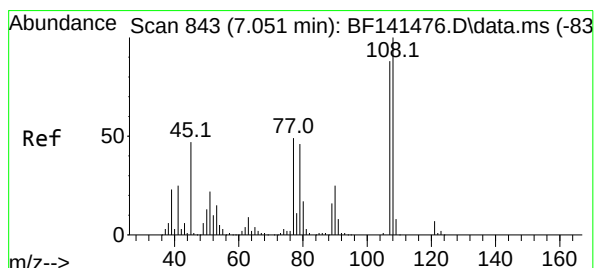
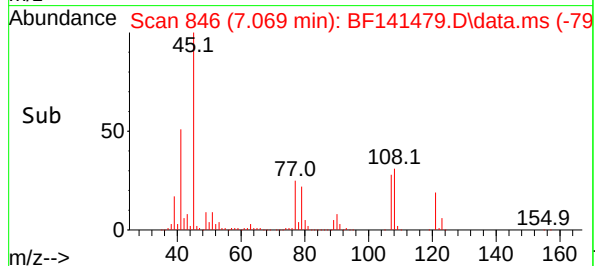
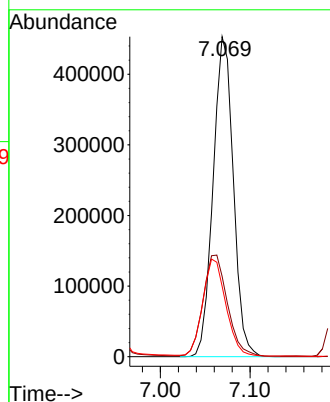
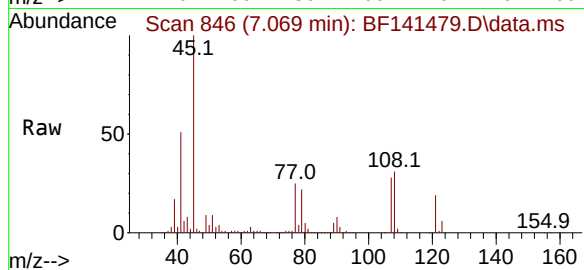
Tgt Ion: 45 Resp: 708318

Ion Ratio Lower Upper

45 100

77 25.1 0.0 35.8

79 22.0 0.0 32.7



#17

2-Methylphenol

Concen: 75.912 ng

RT: 7.057 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:107 Resp: 370173

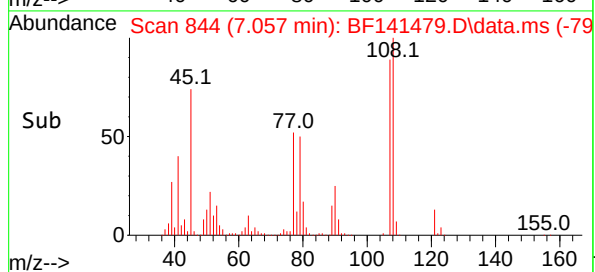
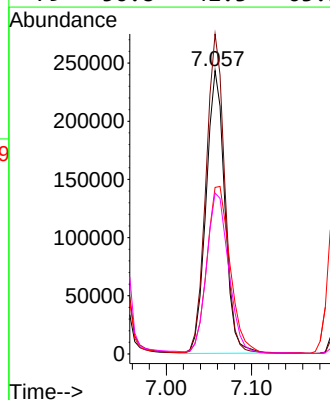
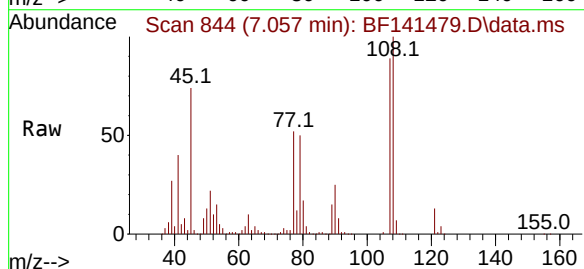
Ion Ratio Lower Upper

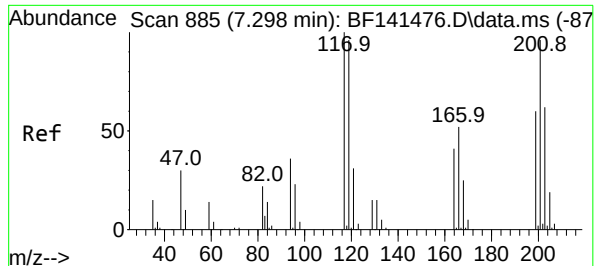
107 100

108 112.9 90.6 136.0

77 58.7 44.4 66.6

79 56.8 42.3 63.5

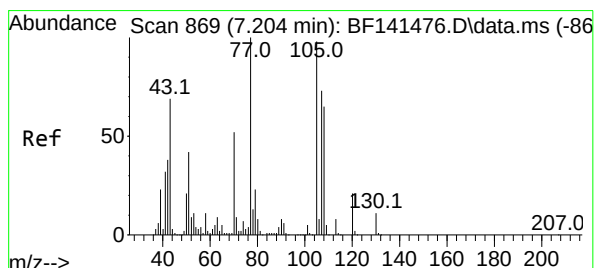
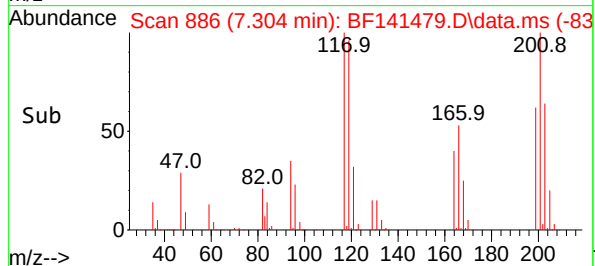
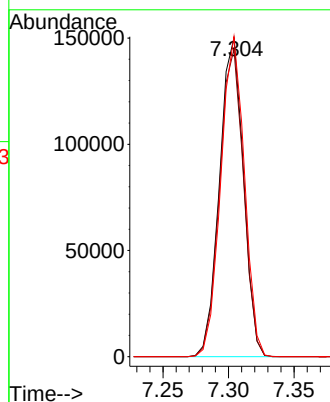
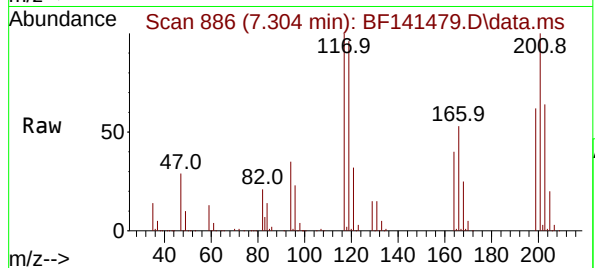




#18
Hexachloroethane
Concen: 76.402 ng
RT: 7.304 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

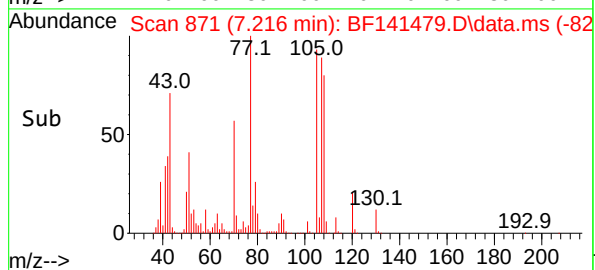
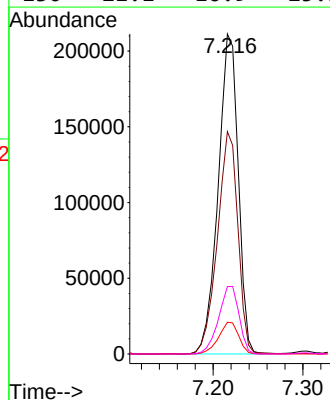
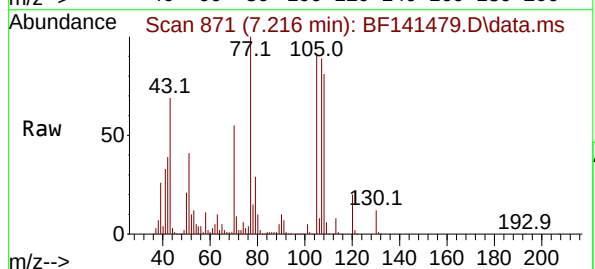
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

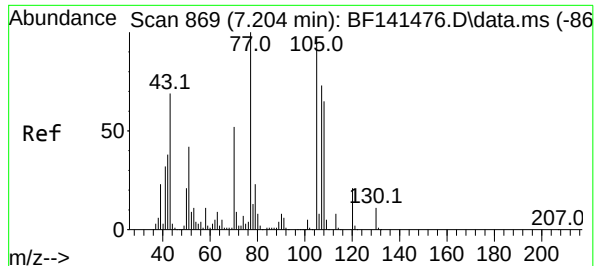
Tgt Ion:117 Resp: 190062
Ion Ratio Lower Upper
117 100
119 96.5 76.5 114.7
201 100.5 76.7 115.1



#19
n-Nitroso-di-n-propylamine
Concen: 75.249 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 70 Resp: 328097
Ion Ratio Lower Upper
70 100
42 69.5 57.4 86.2
101 9.9 8.0 12.0
130 21.1 16.9 25.3





#20

3+4-Methylphenols

Concen: 72.613 ng

RT: 7.216 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141479.D

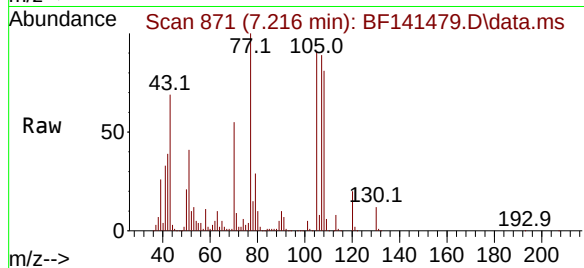
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 450046

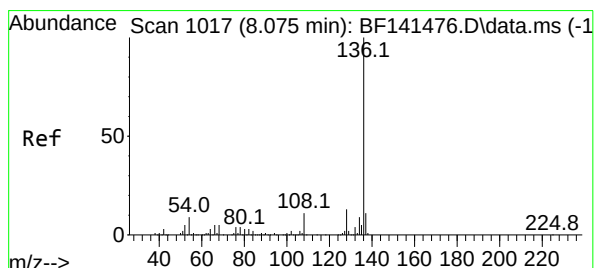
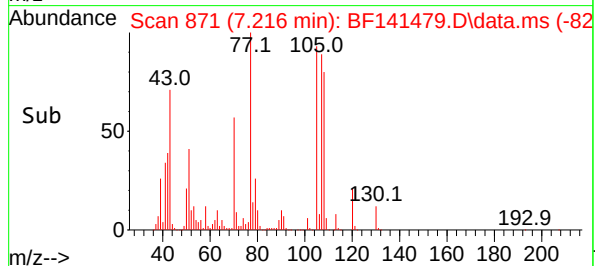
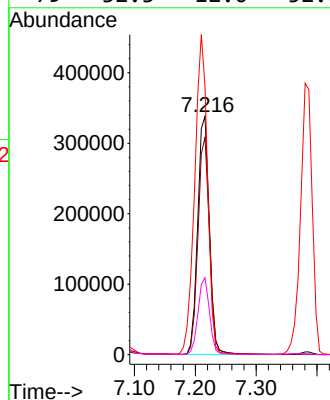
Ion Ratio Lower Upper

107 100

108 91.3 68.5 108.5

77 112.8 116.5 156.5#

79 32.3 12.0 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:136 Resp: 341252

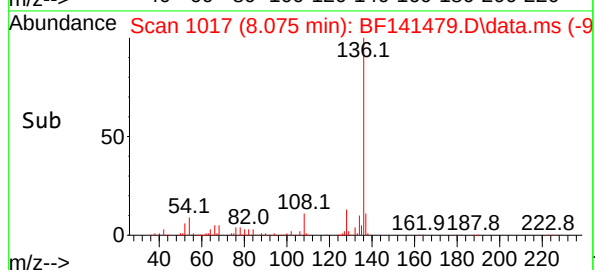
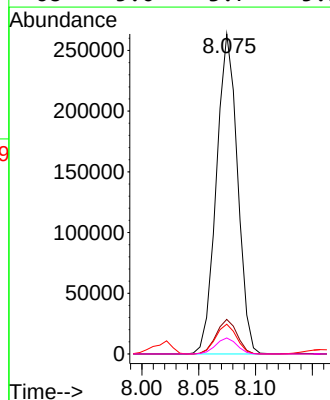
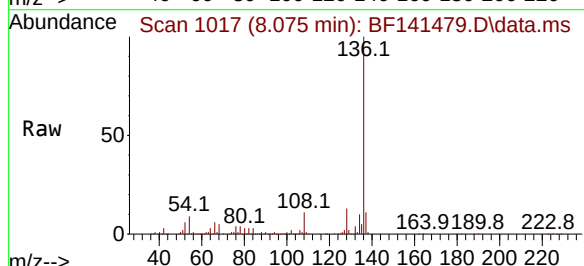
Ion Ratio Lower Upper

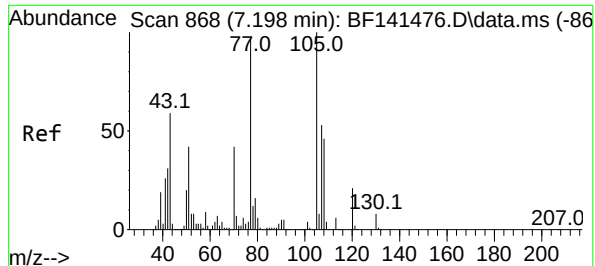
136 100

137 10.8 8.6 13.0

54 9.3 7.2 10.8

68 5.0 3.7 5.5

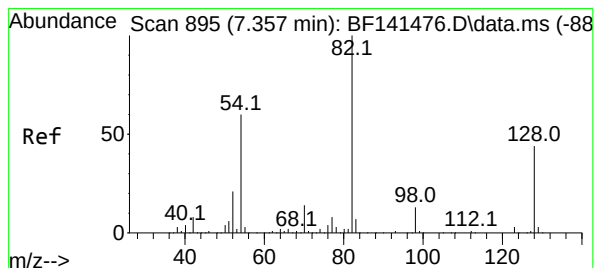
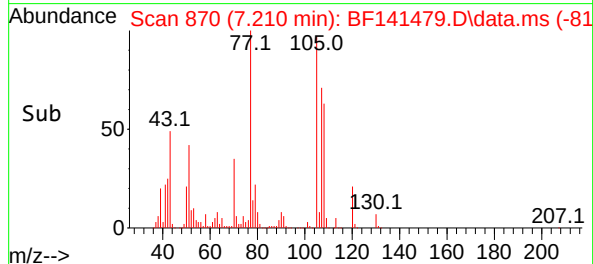
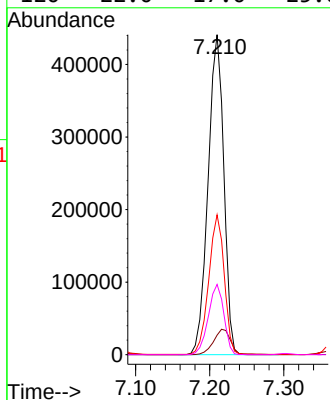
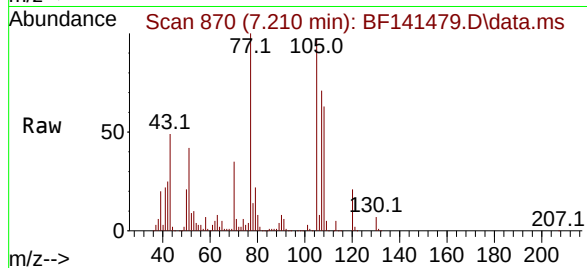




#22
Acetophenone
Concen: 76.846 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

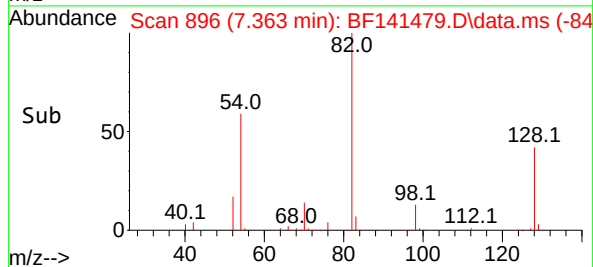
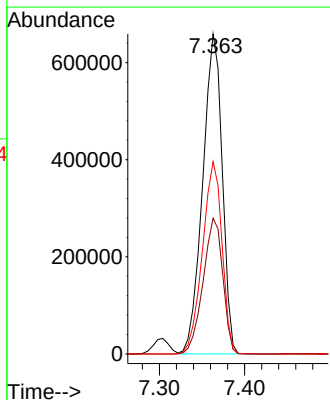
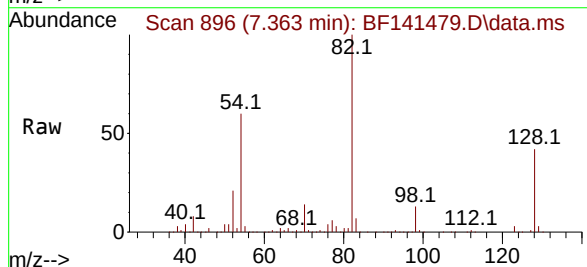
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

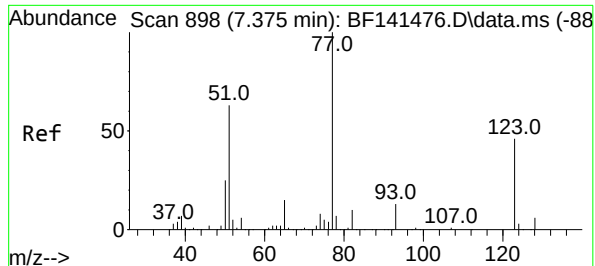
Tgt Ion:105 Resp: 652334
Ion Ratio Lower Upper
105 100
71 6.1 5.7 8.5
51 43.7 33.7 50.5
120 22.0 17.0 25.6



#23
Nitrobenzene-d5
Concen: 160.228 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 82 Resp: 1048314
Ion Ratio Lower Upper
82 100
128 42.4 34.8 52.2
54 60.1 48.2 72.4

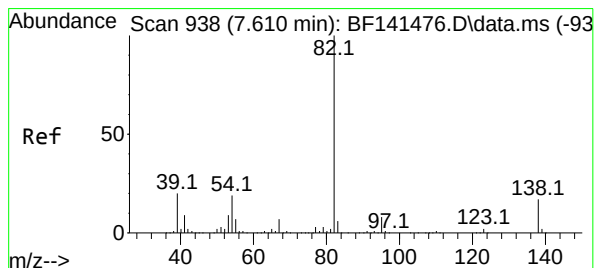
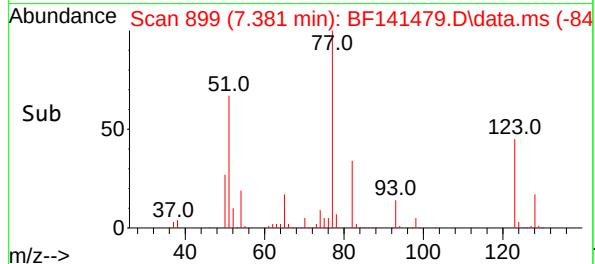
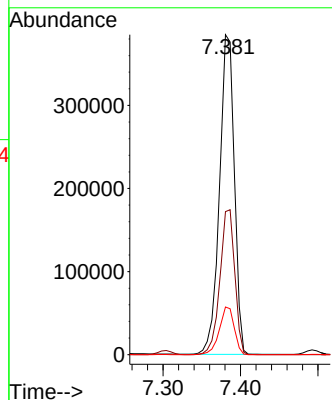
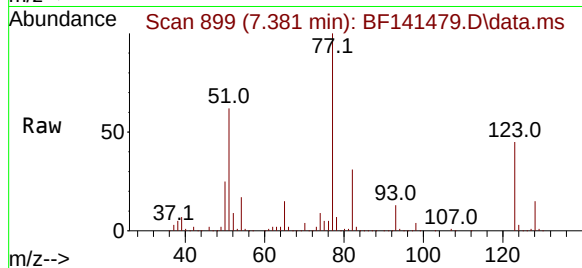




#24
Nitrobenzene
Concen: 80.448 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

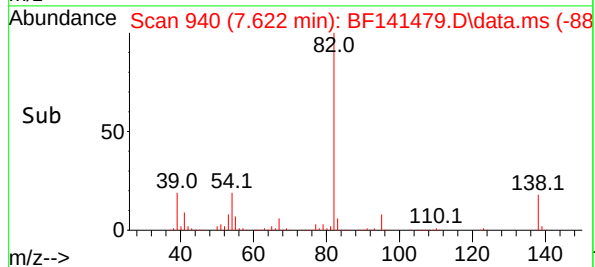
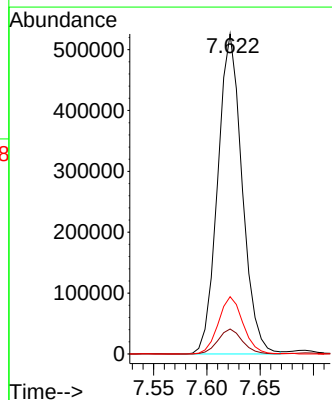
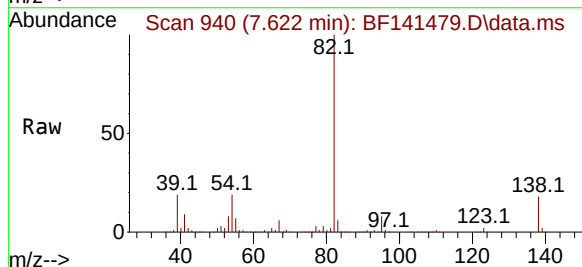
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

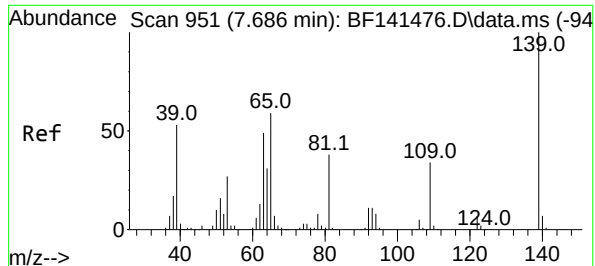
Tgt Ion: 77 Resp: 513249
Ion Ratio Lower Upper
77 100
123 44.7 36.9 55.3
65 14.9 11.9 17.9



#25
Isophorone
Concen: 80.337 ng
RT: 7.622 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 82 Resp: 838076
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.9 13.9 20.9





#26

2-Nitrophenol

Concen: 82.350 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

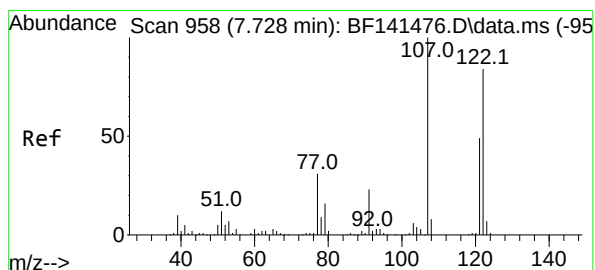
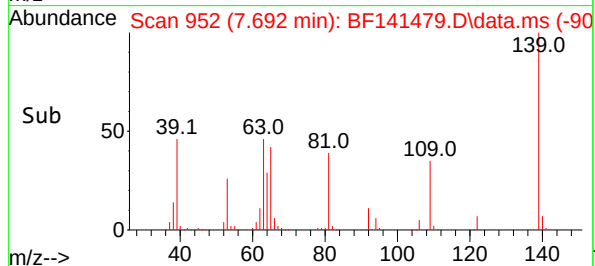
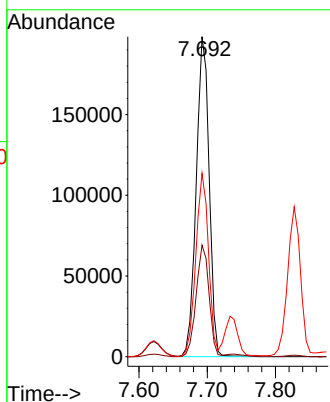
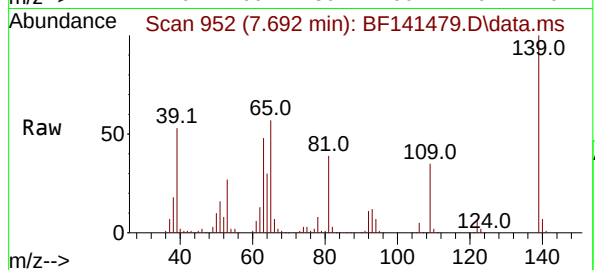
Tgt Ion:139 Resp: 261386

Ion Ratio Lower Upper

139 100

109 34.9 27.0 40.6

65 57.3 47.1 70.7



#27

2,4-Dimethylphenol

Concen: 80.915 ng

RT: 7.733 min Scan# 959

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

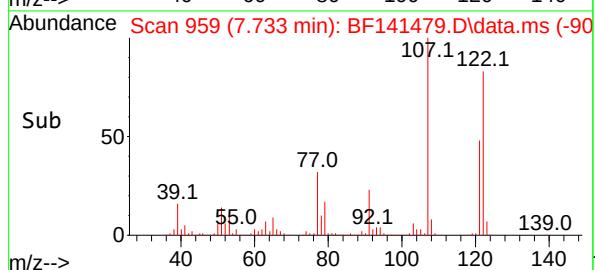
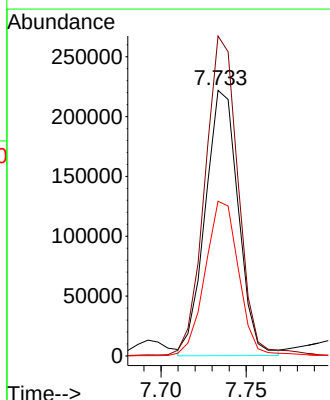
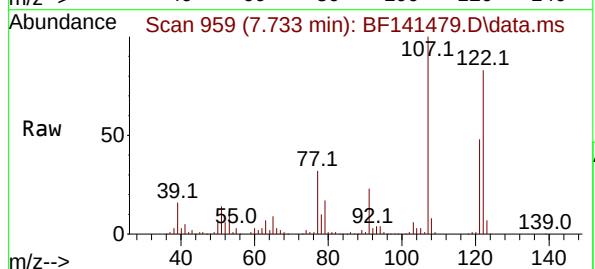
Tgt Ion:122 Resp: 300036

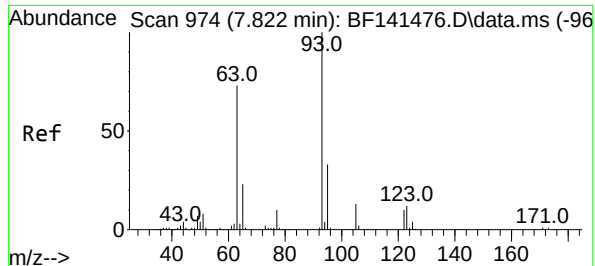
Ion Ratio Lower Upper

122 100

107 120.5 94.3 141.5

121 58.3 46.0 69.0





#28

bis(2-Chloroethoxy)methane

Concen: 79.203 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

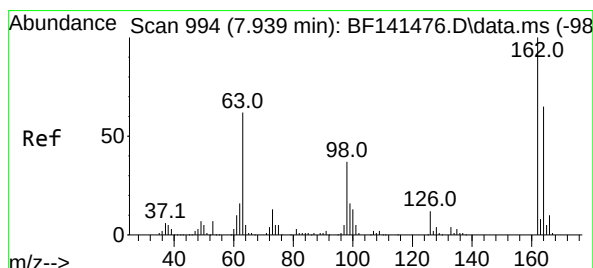
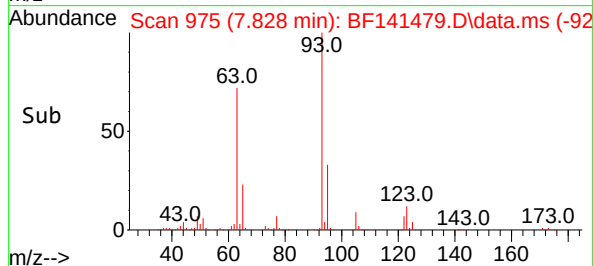
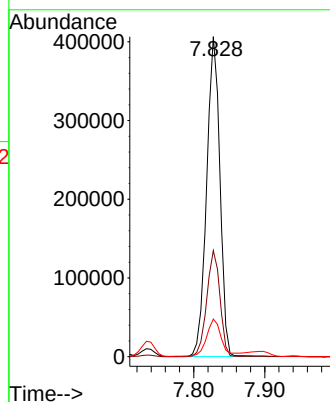
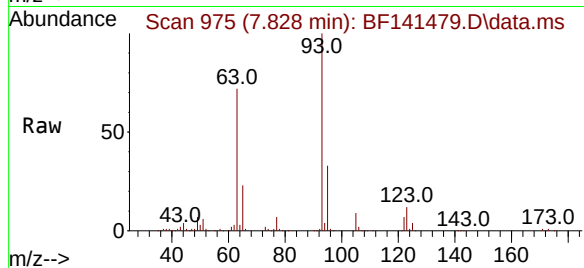
Tgt Ion: 93 Resp: 529442

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.8 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 79.645 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

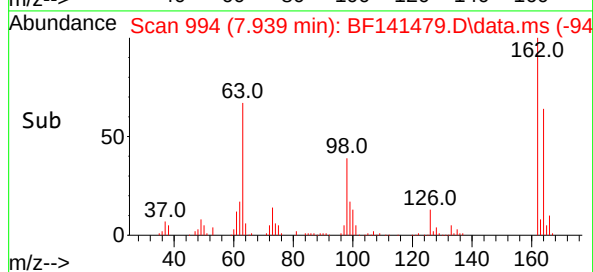
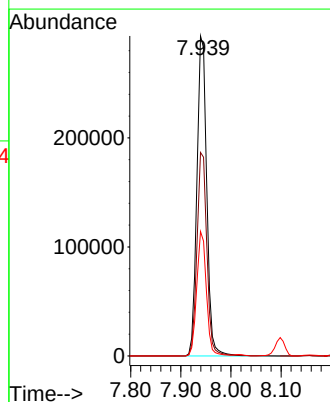
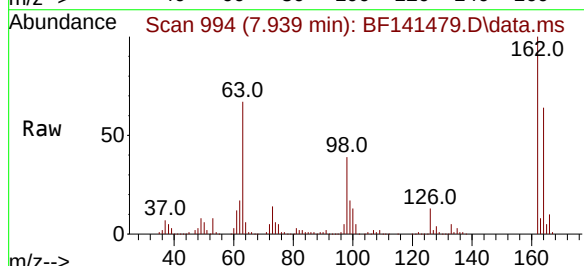
Tgt Ion:162 Resp: 399027

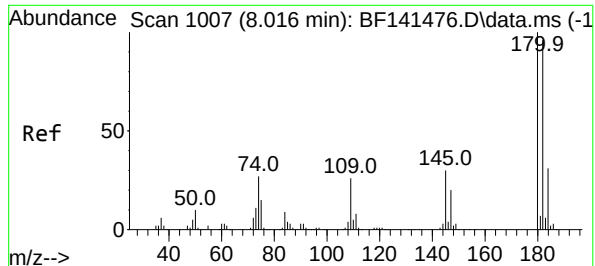
Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

98 38.9 17.2 57.2





#30

1,2,4-Trichlorobenzene

Concen: 78.568 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

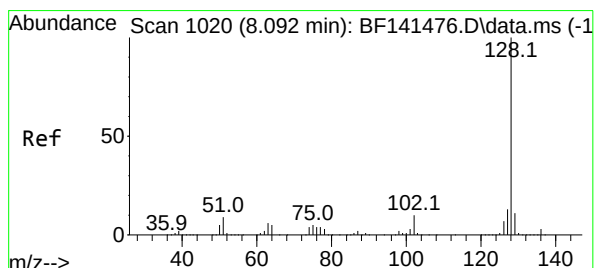
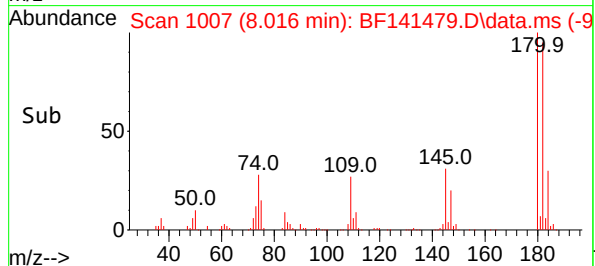
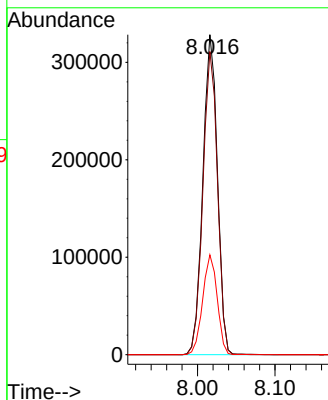
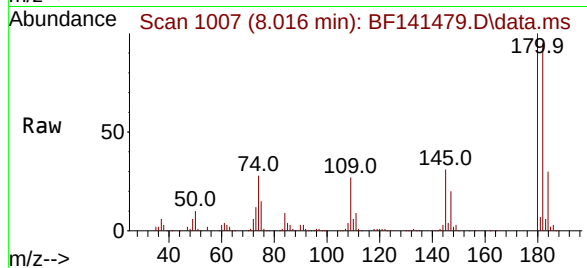
Tgt Ion:180 Resp: 428656

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

145 31.2 24.2 36.4



#31

Naphthalene

Concen: 77.769 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

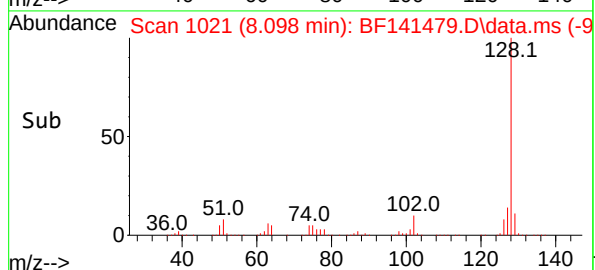
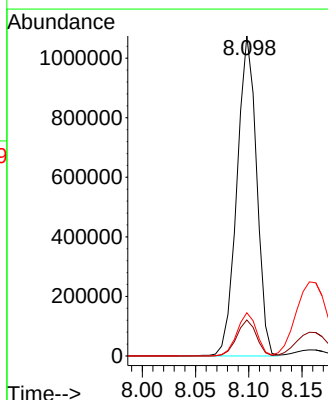
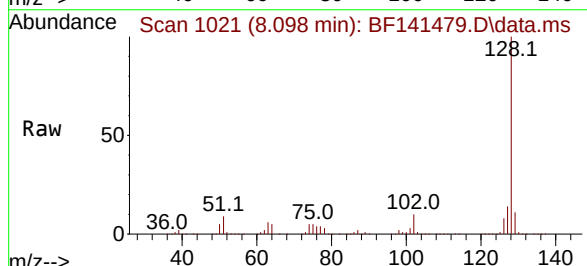
Tgt Ion:128 Resp: 1381453

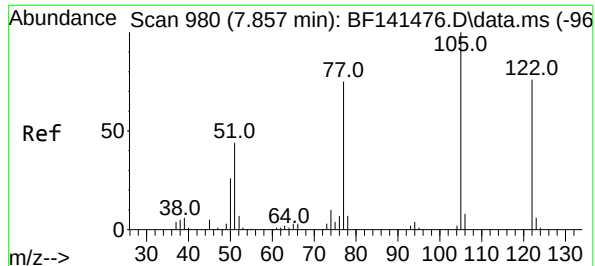
Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.5 10.7 16.1





#32

Benzoic acid

Concen: 87.086 ng

RT: 7.892 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

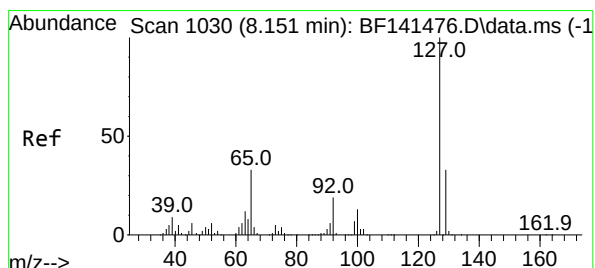
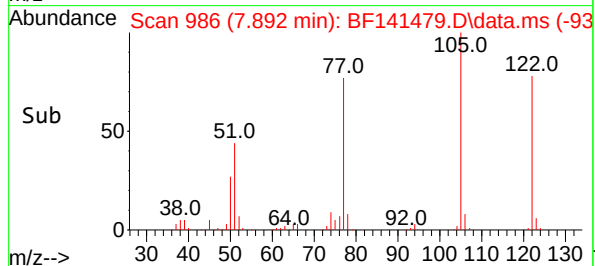
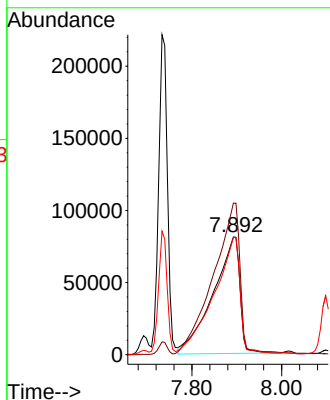
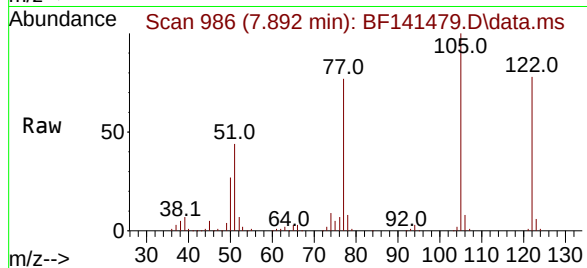
Tgt Ion:122 Resp: 335418

Ion Ratio Lower Upper

122 100

105 128.7 106.5 146.5

77 99.4 76.3 116.3



#33

4-Chloroaniline

Concen: 81.400 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:127 Resp: 504834

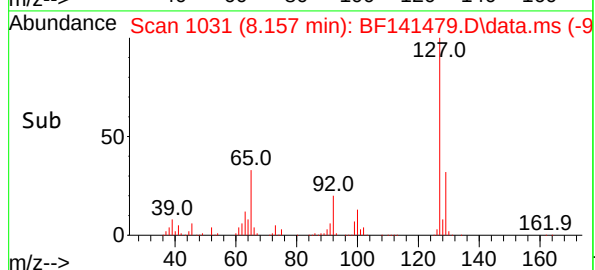
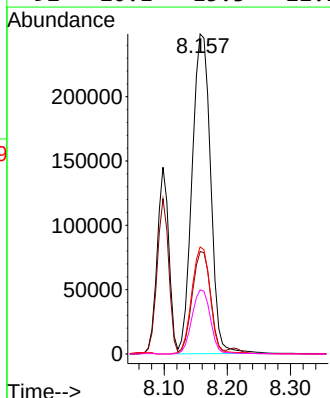
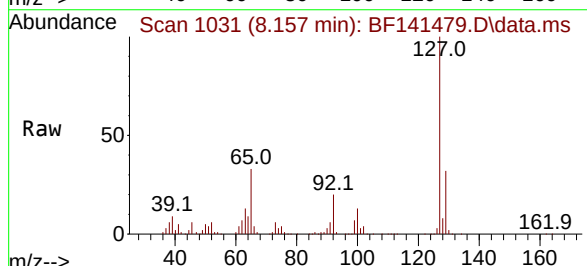
Ion Ratio Lower Upper

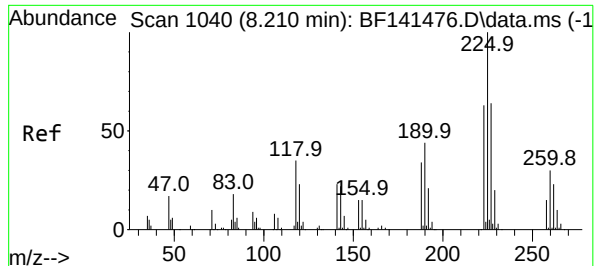
127 100

129 32.0 26.5 39.7

65 33.5 26.4 39.6

92 20.1 15.3 22.9

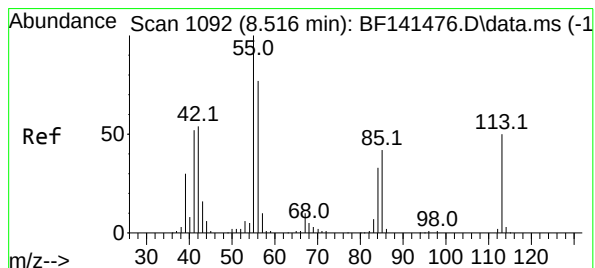
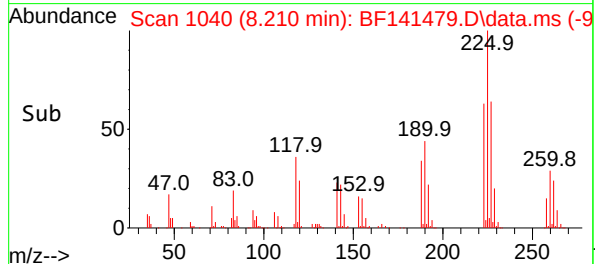
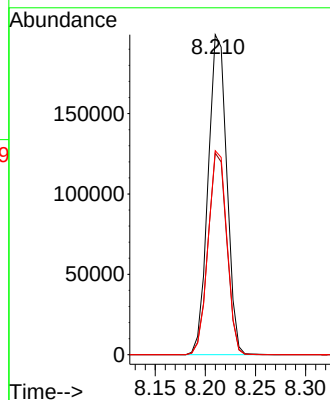
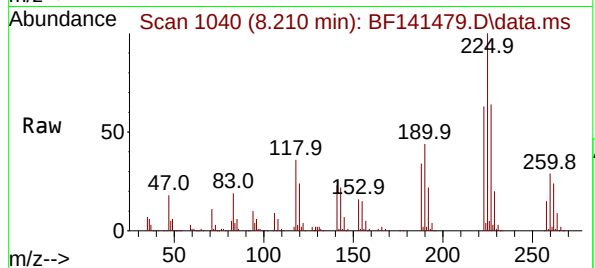




#34
Hexachlorobutadiene
Concen: 78.628 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

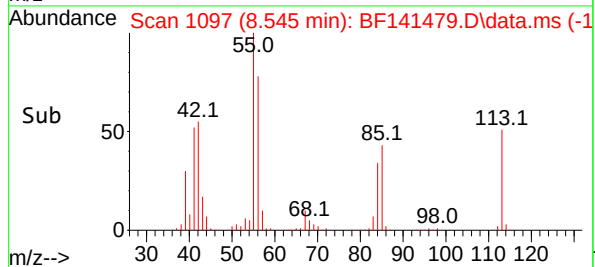
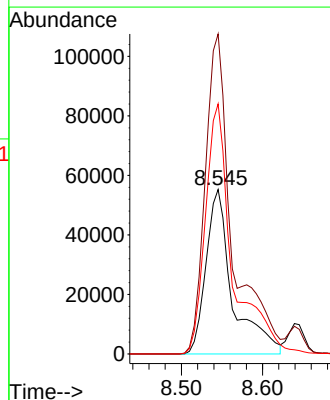
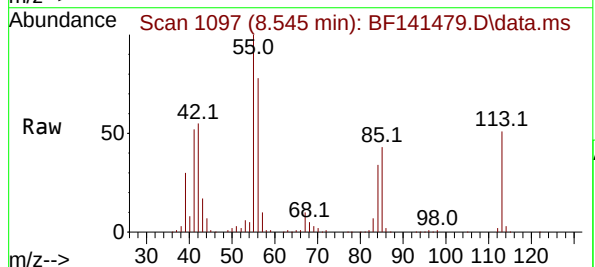
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

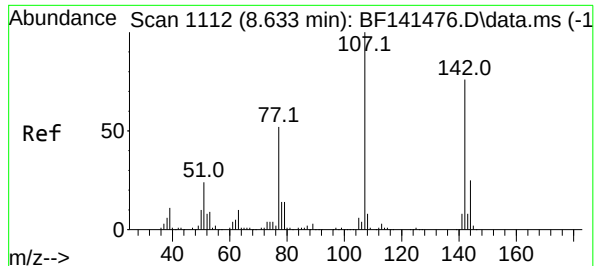
Tgt Ion:225 Resp: 257532
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 63.8 51.0 76.6



#35
Caprolactam
Concen: 82.350 ng
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:113 Resp: 125619
Ion Ratio Lower Upper
113 100
55 194.6 180.8 220.8
56 152.1 133.6 173.6

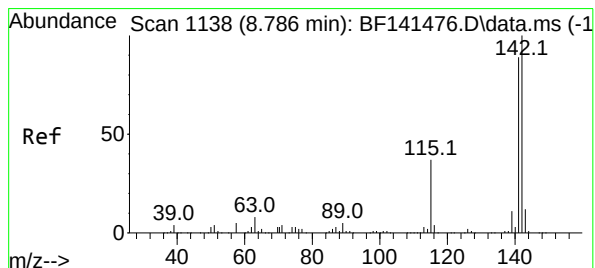
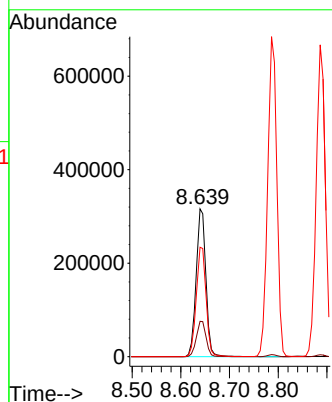
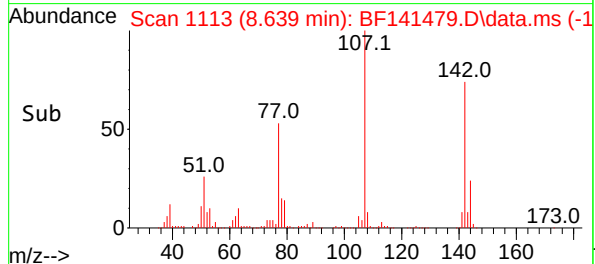
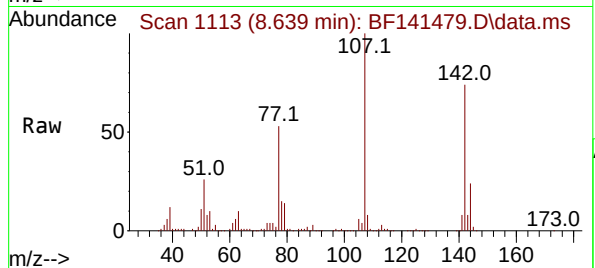




#36
4-Chloro-3-methylphenol
Concen: 79.630 ng
RT: 8.639 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

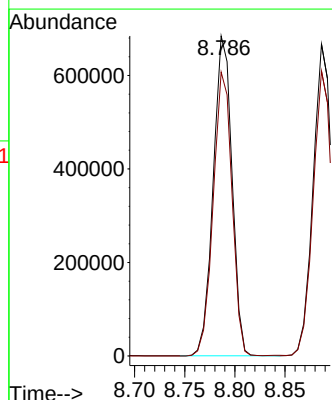
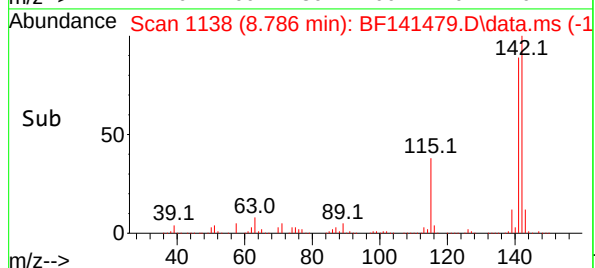
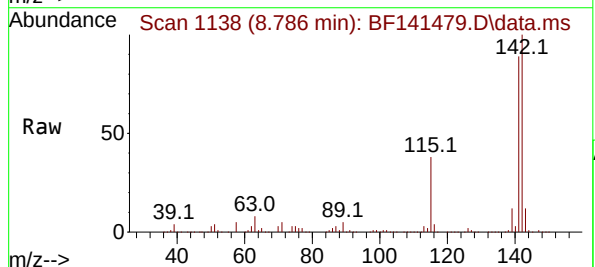
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

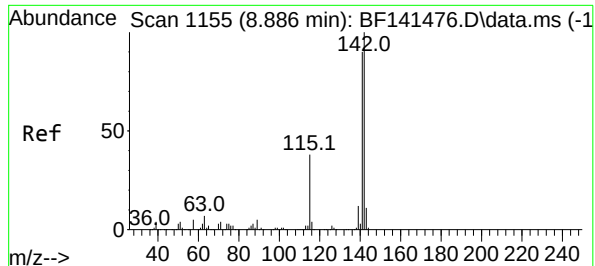
Tgt Ion:107 Resp: 441925
Ion Ratio Lower Upper
107 100
144 23.9 19.7 29.5
142 74.0 60.8 91.2



#37
2-Methylnaphthalene
Concen: 76.975 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:142 Resp: 889774
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8





#38

1-Methylnaphthalene

Concen: 76.983 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

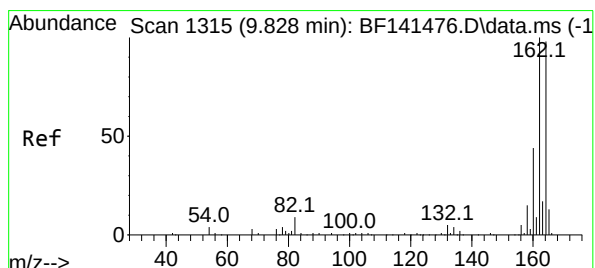
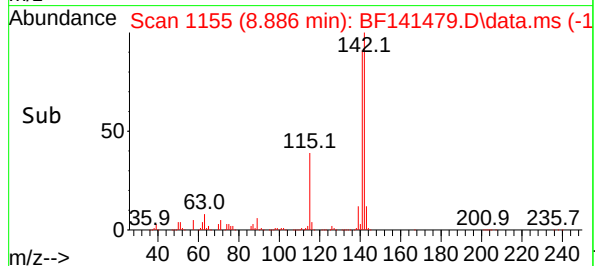
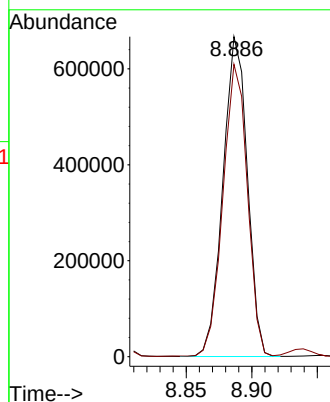
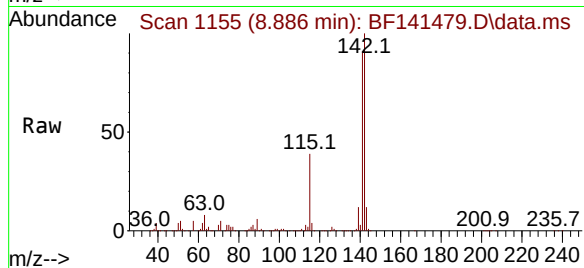
SSTDICC080

Tgt Ion:142 Resp: 861860

Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

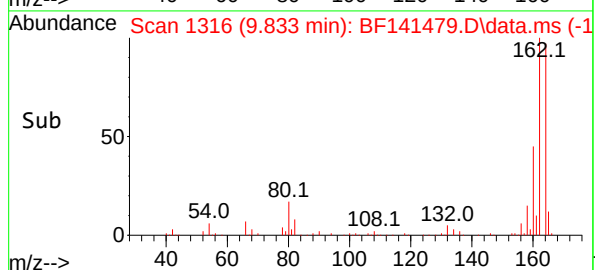
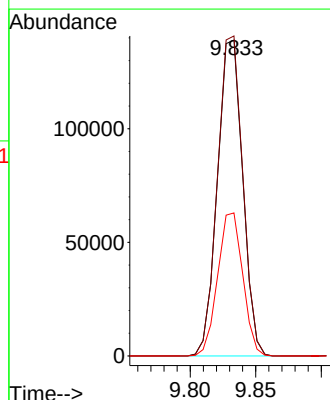
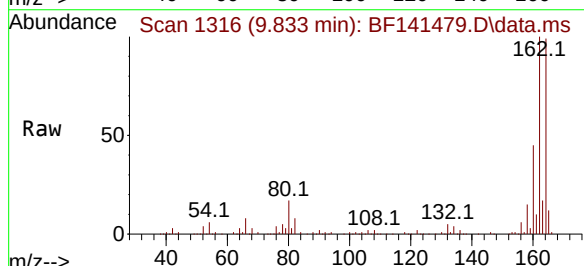
Tgt Ion:164 Resp: 186230

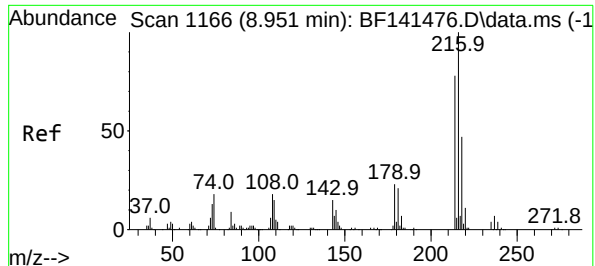
Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 45.3 35.9 53.9





#40

1,2,4,5-Tetrachlorobenzene

Concen: 77.689 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 418579

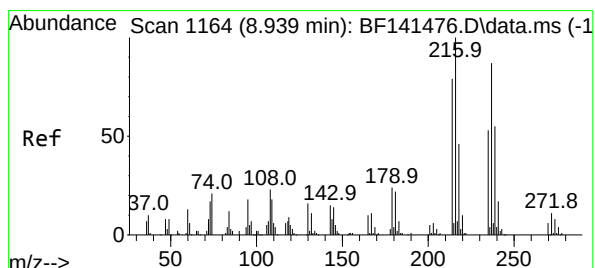
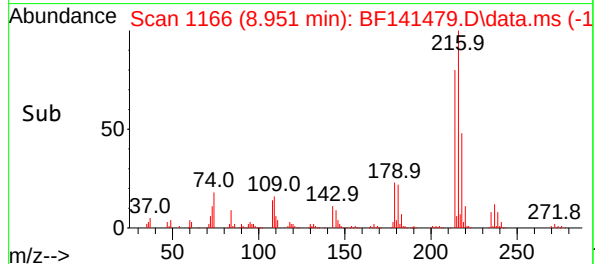
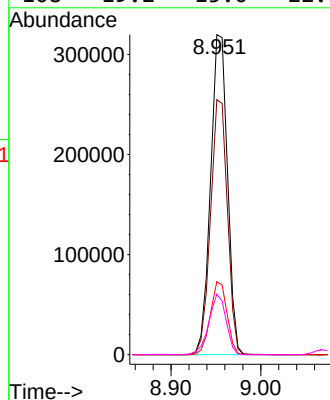
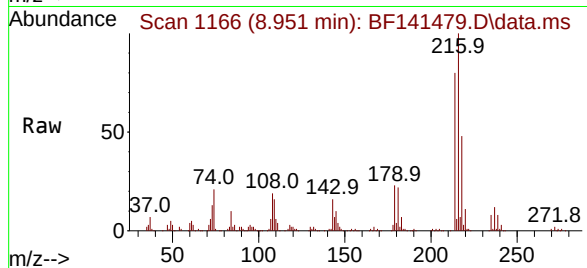
Ion Ratio Lower Upper

216 100

214 79.6 62.3 93.5

179 22.4 18.0 27.0

108 19.2 15.0 22.6



#41

Hexachlorocyclopentadiene

Concen: 88.965 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

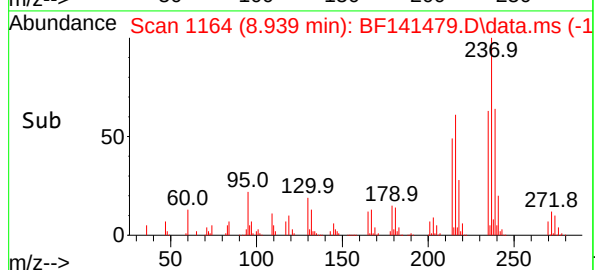
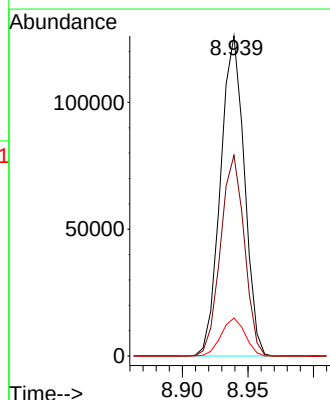
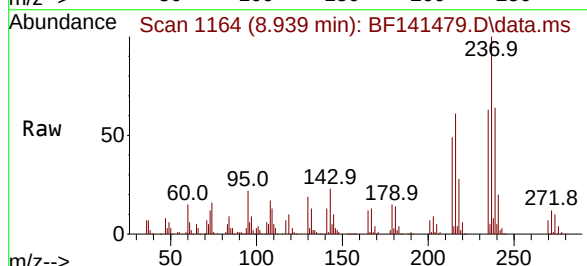
Tgt Ion:237 Resp: 159430

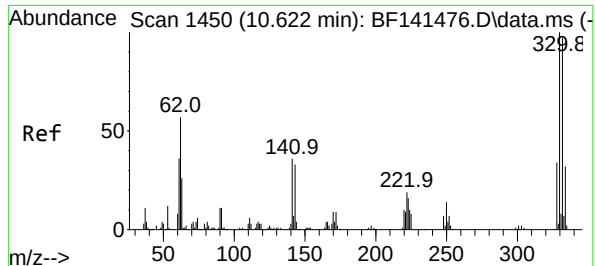
Ion Ratio Lower Upper

237 100

235 62.7 41.4 81.4

272 11.9 0.0 32.4





#42

2,4,6-Tribromophenol

Concen: 156.058 ng

RT: 10.627 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF141479.D

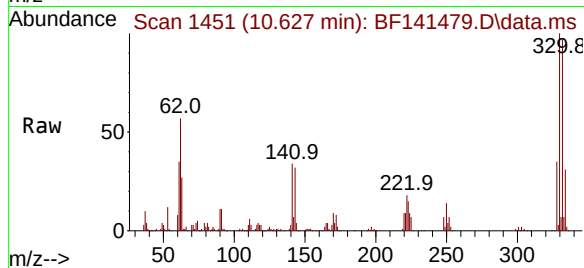
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



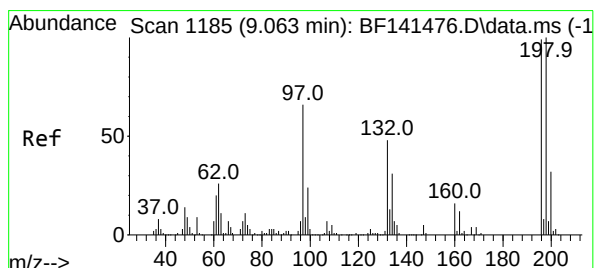
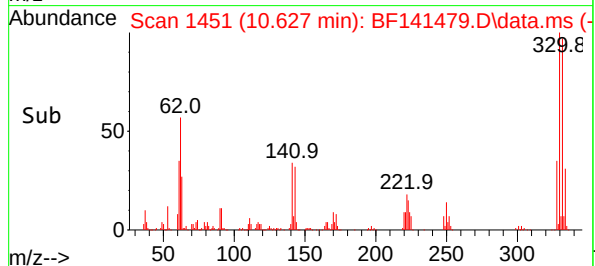
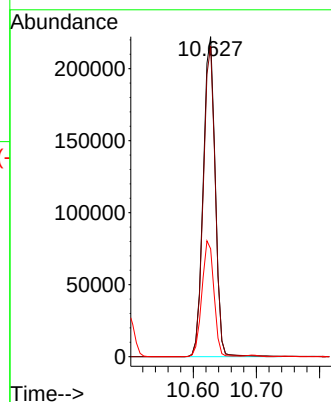
Tgt Ion:330 Resp: 291947

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 36.6 31.0 46.4



#43

2,4,6-Trichlorophenol

Concen: 79.591 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

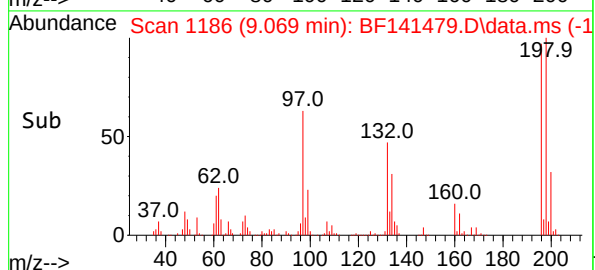
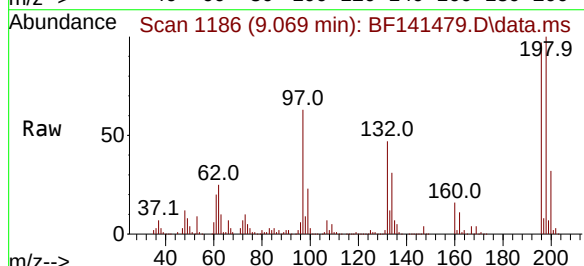
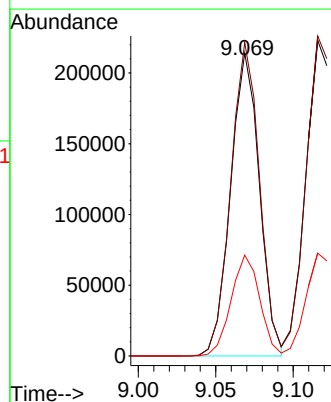
Tgt Ion:196 Resp: 277156

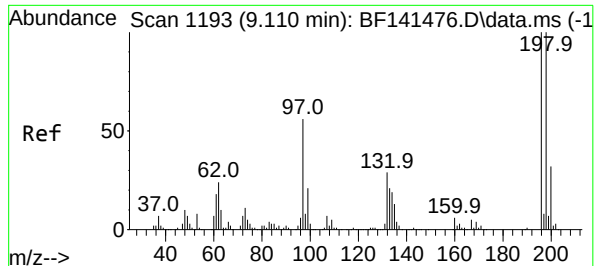
Ion Ratio Lower Upper

196 100

198 103.5 80.6 121.0

200 33.3 25.5 38.3





#44

2,4,5-Trichlorophenol

Concen: 79.189 ng

RT: 9.116 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 298856

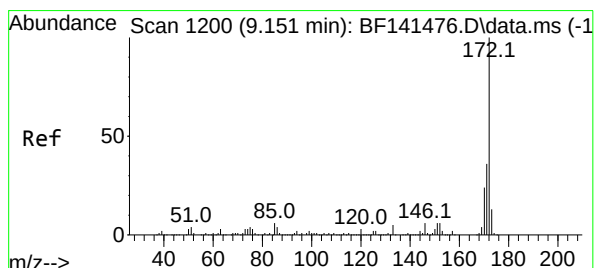
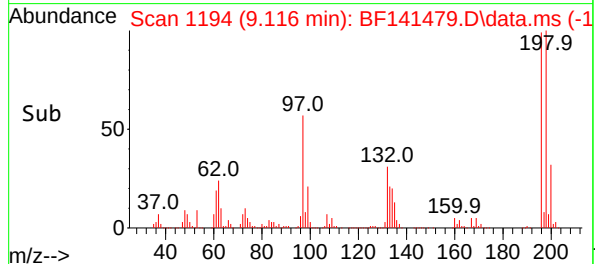
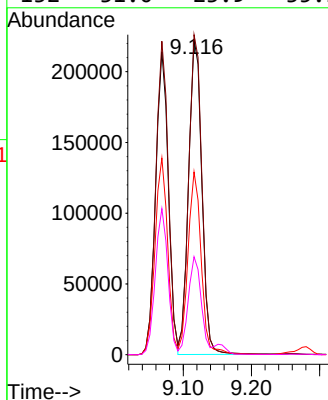
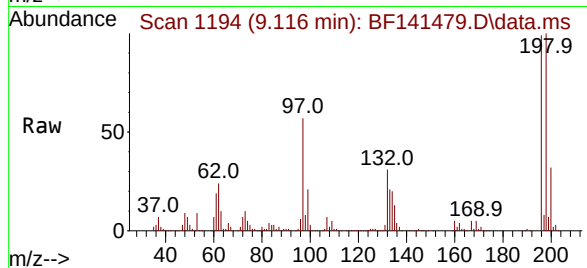
Ion Ratio Lower Upper

196 100

198 101.4 79.8 119.8

97 57.9 44.8 67.2

132 31.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 148.066 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

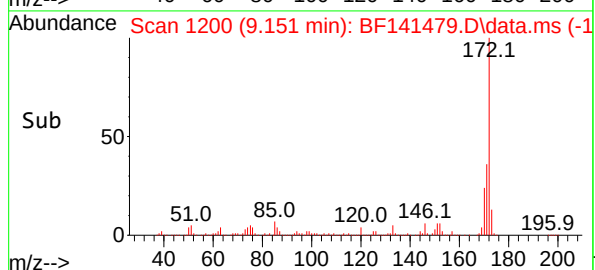
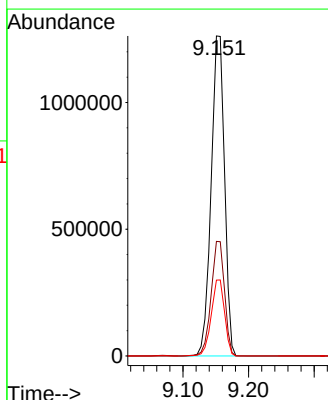
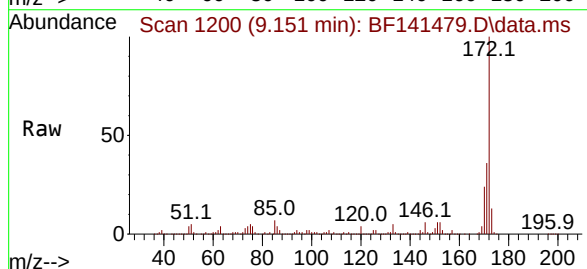
Tgt Ion:172 Resp: 1789795

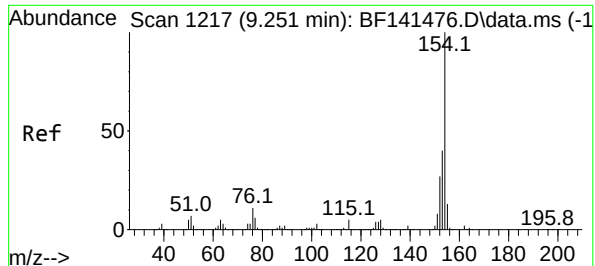
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.7 18.9 28.3





#46

1,1'-Biphenyl

Concen: 76.237 ng

RT: 9.257 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

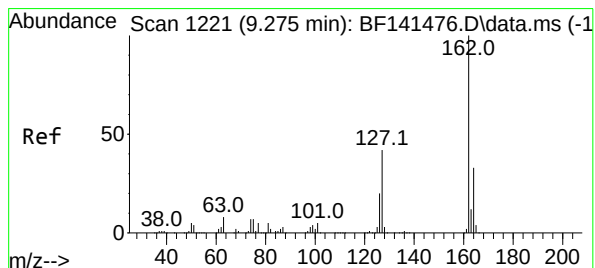
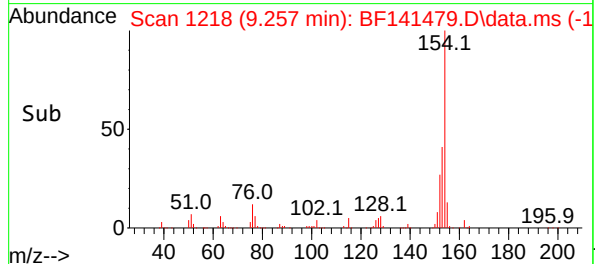
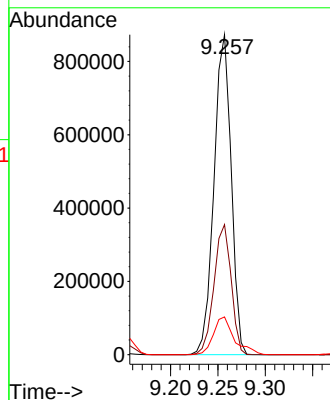
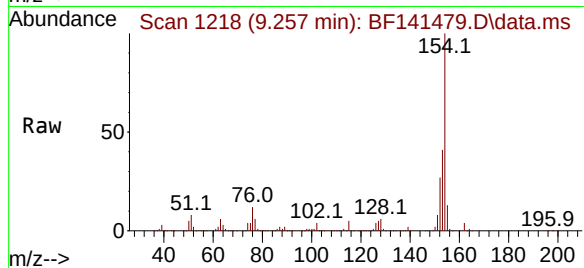
Tgt Ion:154 Resp: 1100720

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.8 0.0 30.8



#47

2-Chloronaphthalene

Concen: 76.929 ng

RT: 9.280 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

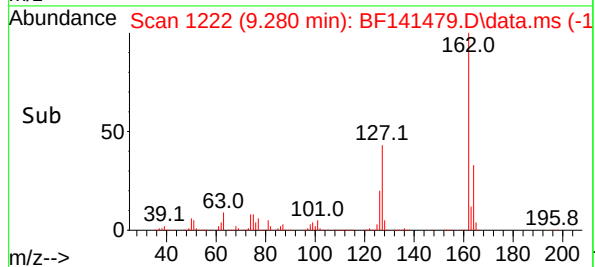
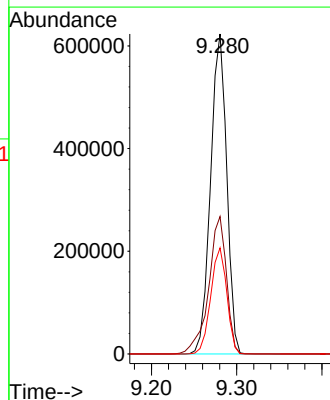
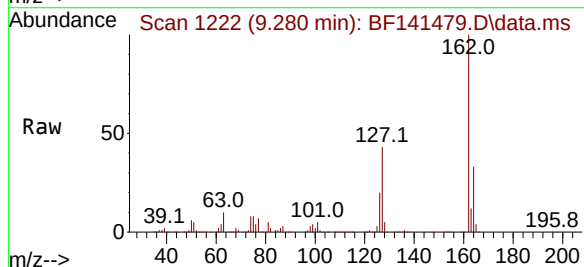
Tgt Ion:162 Resp: 821334

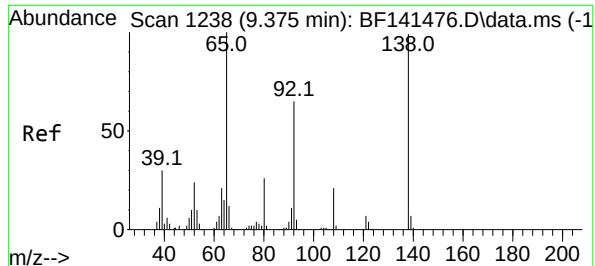
Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 33.2 26.3 39.5





#48

2-Nitroaniline

Concen: 79.969 ng

RT: 9.380 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

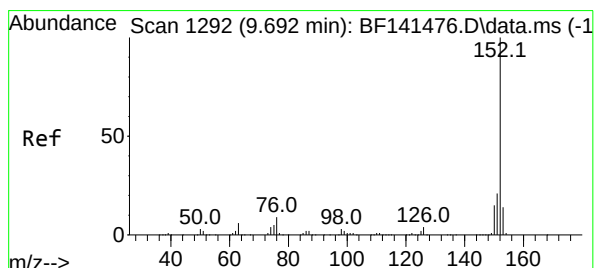
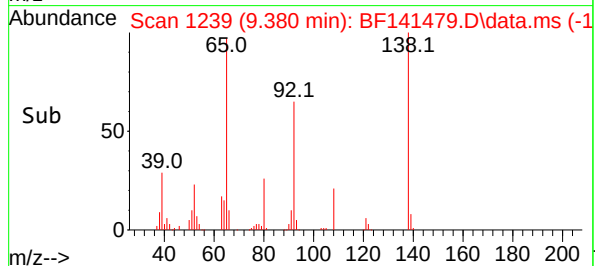
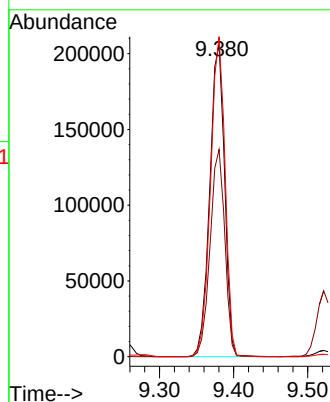
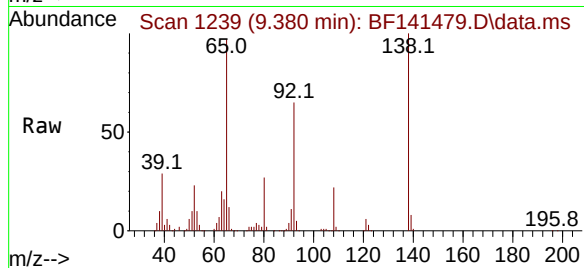
Tgt Ion: 65 Resp: 286532

Ion Ratio Lower Upper

65 100

92 66.4 52.2 78.2

138 102.6 79.5 119.3



#49

Acenaphthylene

Concen: 76.291 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

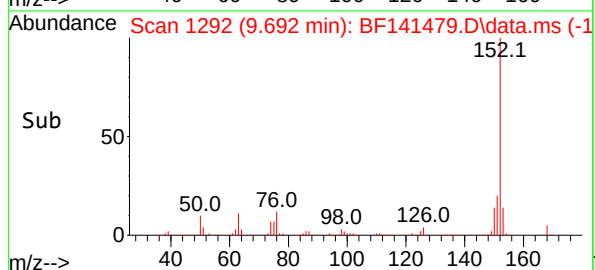
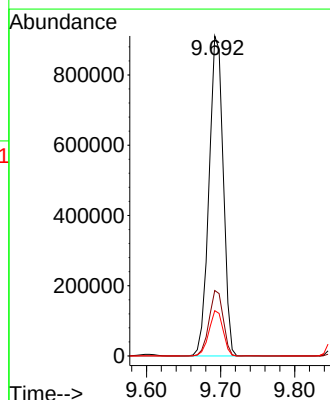
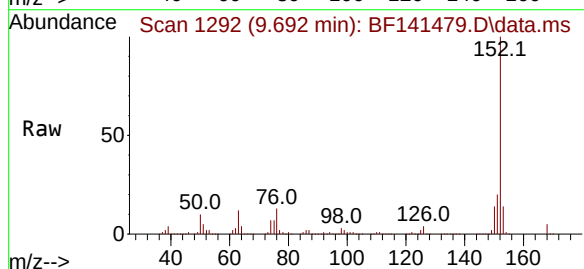
Tgt Ion:152 Resp: 1211515

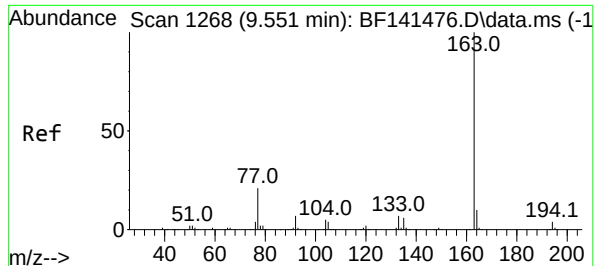
Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.1 10.9 16.3





#50

Dimethylphthalate

Concen: 79.265 ng

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

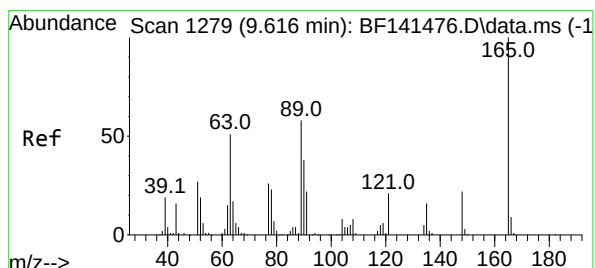
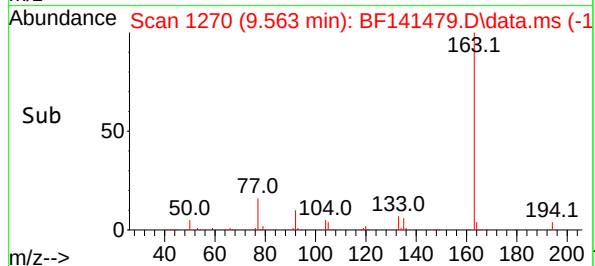
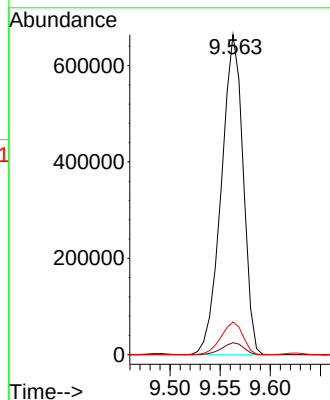
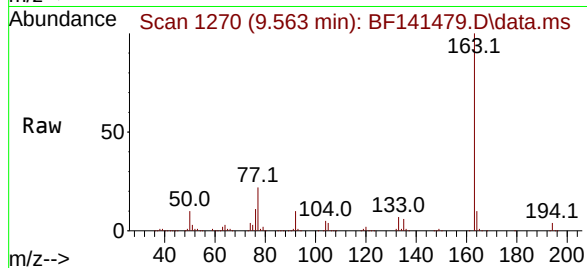
Tgt Ion:163 Resp: 1002121

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9



#51

2,6-Dinitrotoluene

Concen: 78.101 ng

RT: 9.622 min Scan# 1280

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

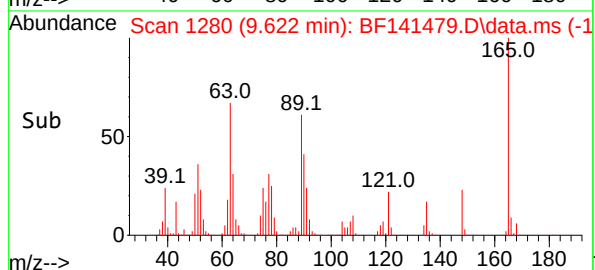
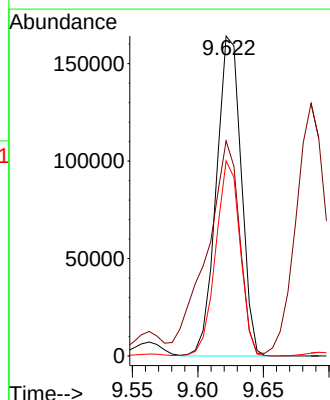
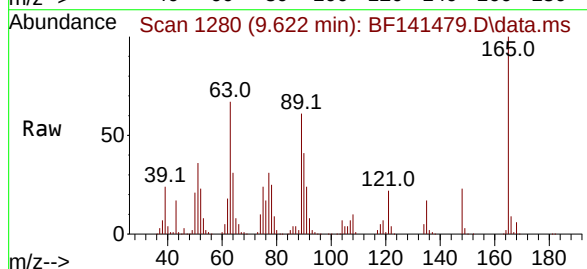
Tgt Ion:165 Resp: 215853

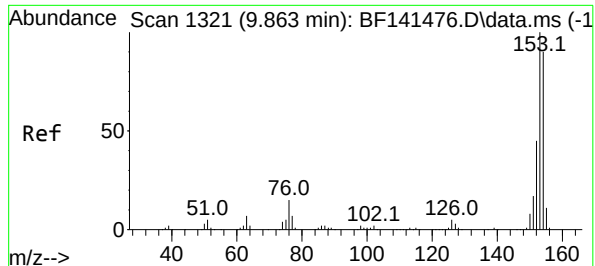
Ion Ratio Lower Upper

165 100

63 67.2 49.4 74.0

89 60.9 46.5 69.7

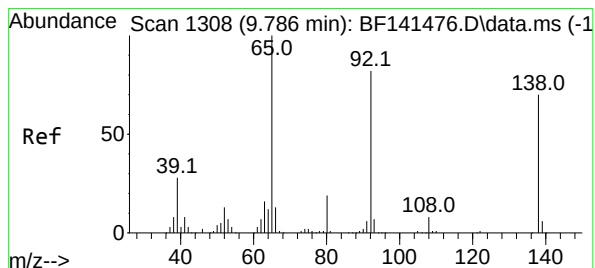
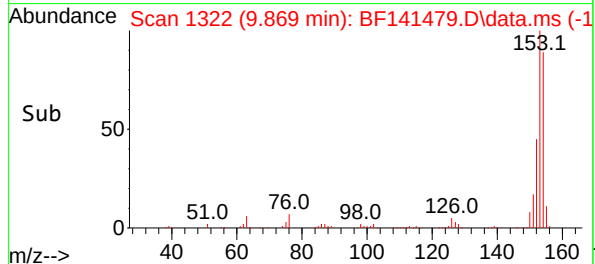
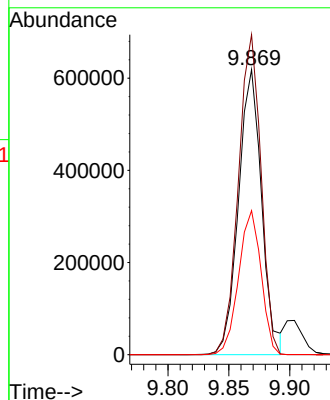
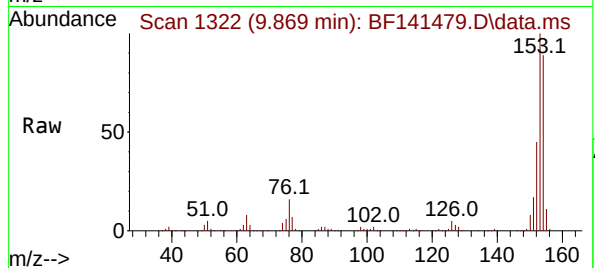




#52
Acenaphthene
Concen: 76.791 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

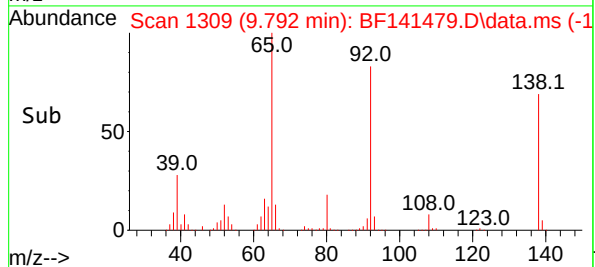
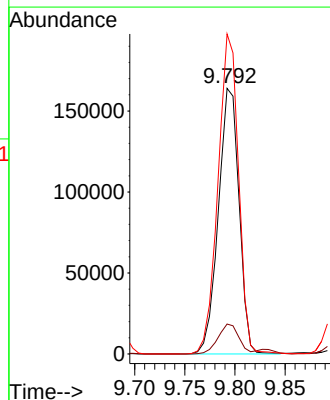
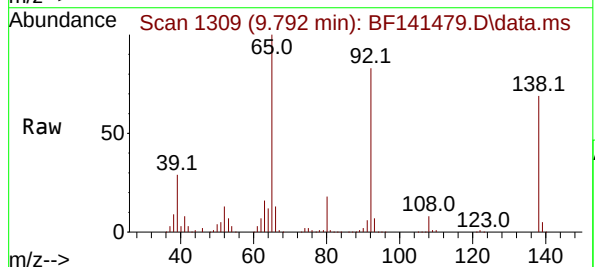
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

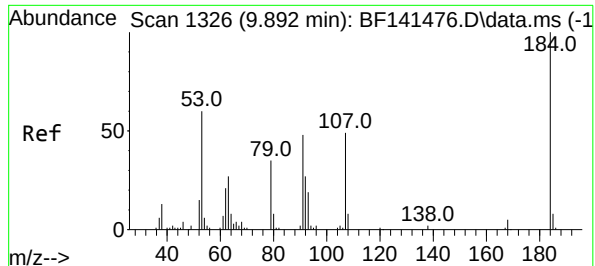
Tgt Ion:154 Resp: 819818
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 50.5 39.8 59.8



#53
3-Nitroaniline
Concen: 79.173 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:138 Resp: 235511
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 120.4 93.7 140.5

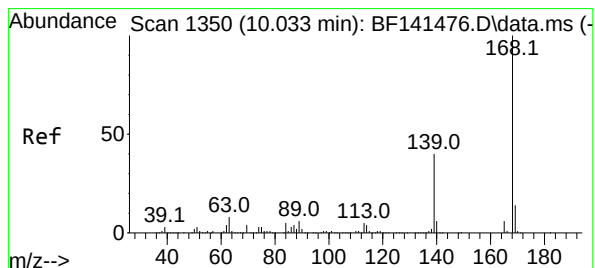
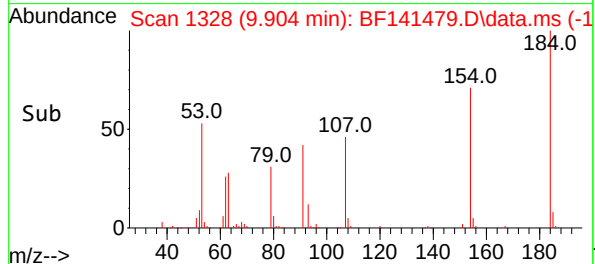
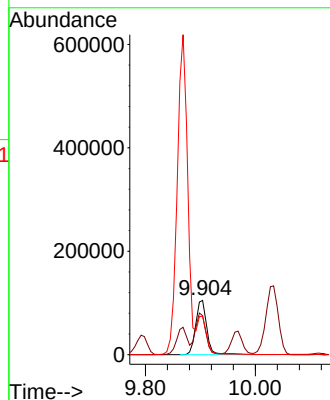
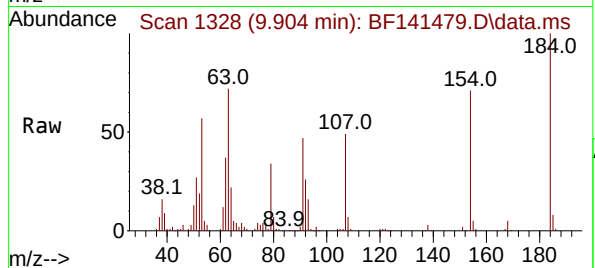




#54
2,4-Dinitrophenol
Concen: 89.960 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

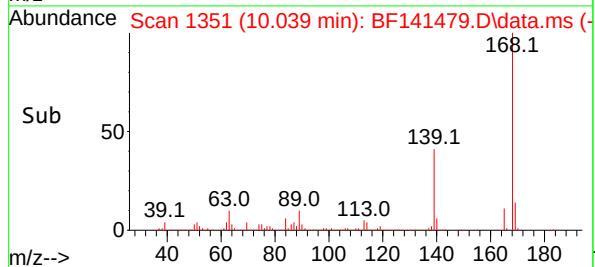
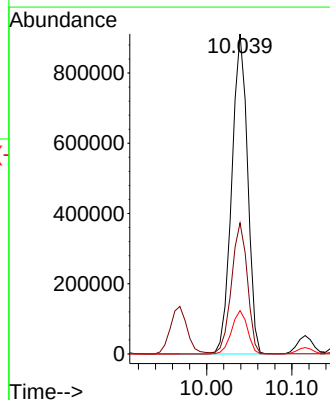
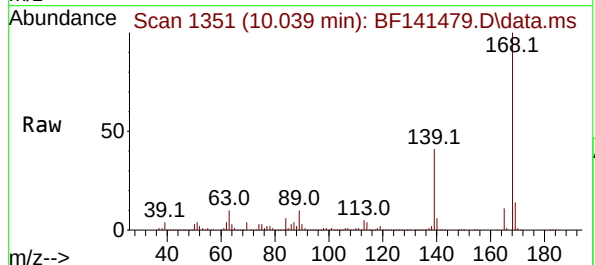
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

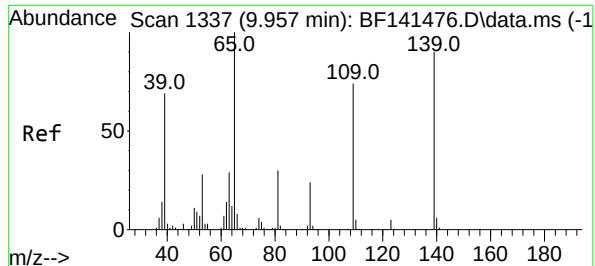
Tgt Ion:184 Resp: 147768
Ion Ratio Lower Upper
184 100
63 72.1 61.0 91.6
154 70.8 59.9 89.9



#55
Dibenzofuran
Concen: 74.928 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:168 Resp: 1174157
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.6 10.8 16.2





#56

4-Nitrophenol

Concen: 84.744 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

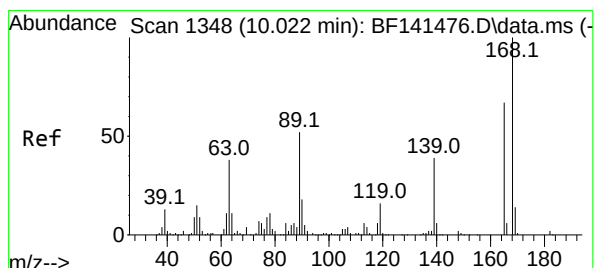
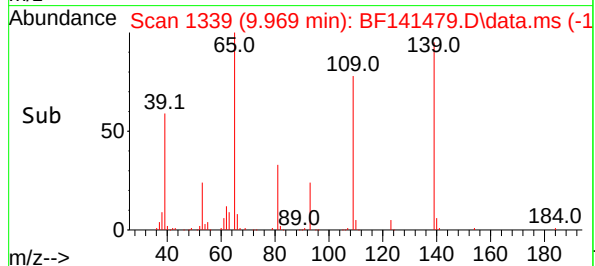
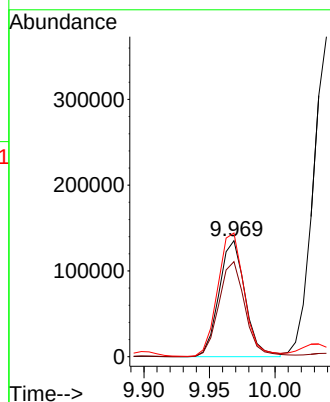
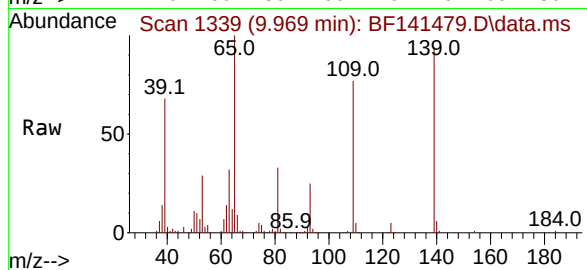
Tgt Ion:139 Resp: 187131

Ion Ratio Lower Upper

139 100

109 81.9 62.0 102.0

65 106.7 91.2 131.2



#57

2,4-Dinitrotoluene

Concen: 77.449 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Tgt Ion:165 Resp: 284954

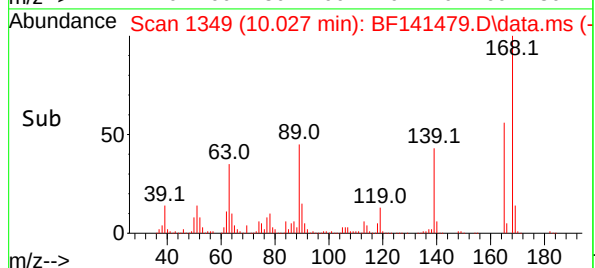
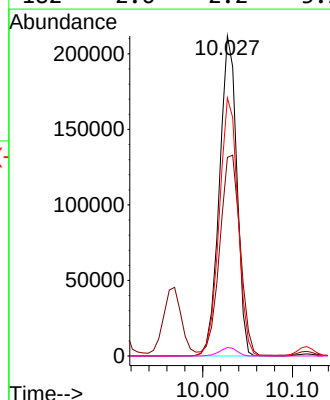
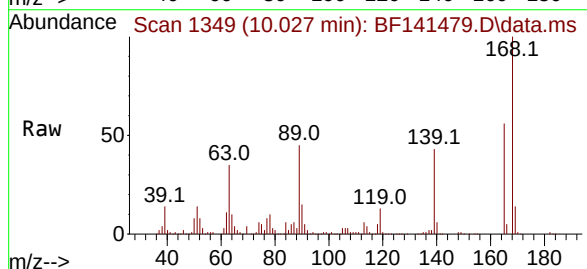
Ion Ratio Lower Upper

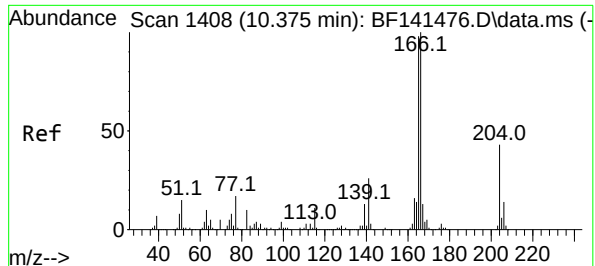
165 100

63 62.1 46.4 69.6

89 80.7 61.8 92.6

182 2.6 2.2 3.2

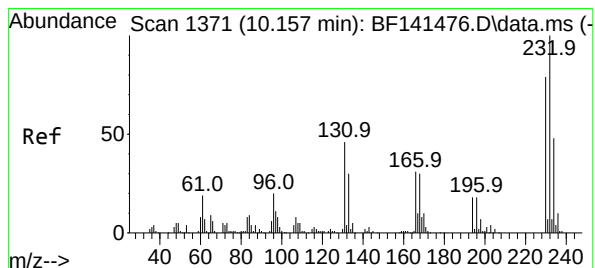
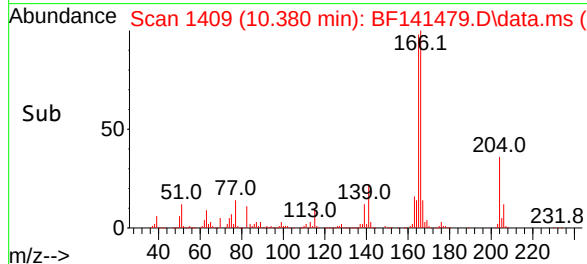
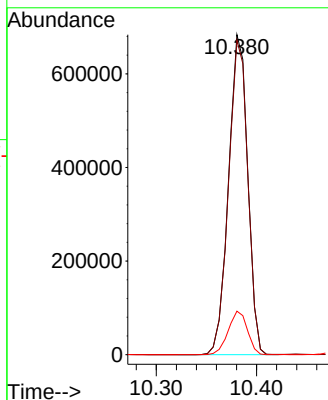
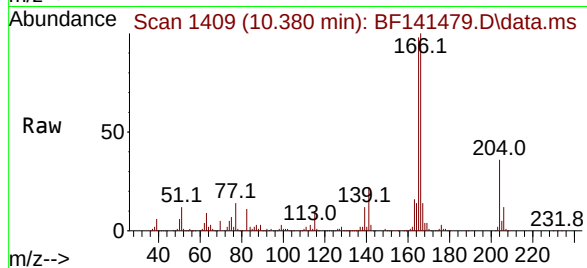




#58
Fluorene
Concen: 75.080 ng
RT: 10.380 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

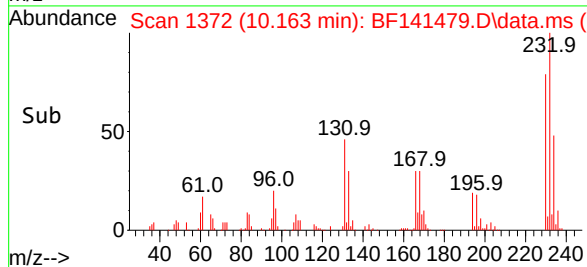
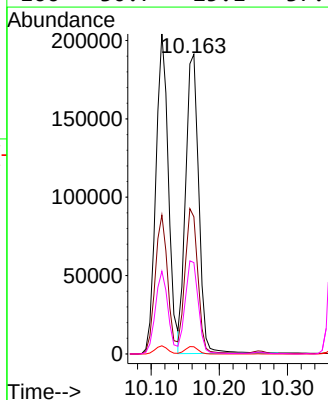
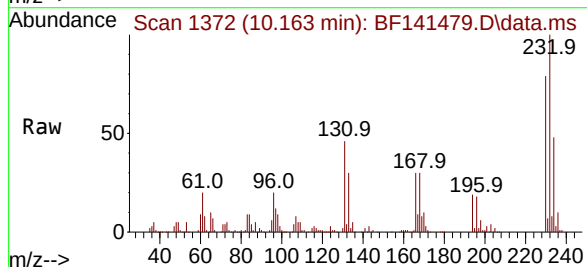
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

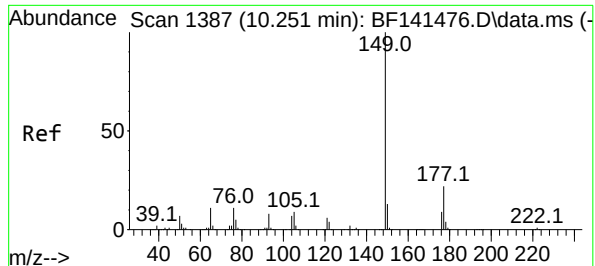
Tgt Ion:166 Resp: 909704
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.6 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 78.006 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:232 Resp: 253454
Ion Ratio Lower Upper
232 100
131 47.1 39.2 58.8
130 2.4 2.1 3.1
166 30.7 25.1 37.7





#60

Diethylphthalate

Concen: 75.995 ng

RT: 10.257 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

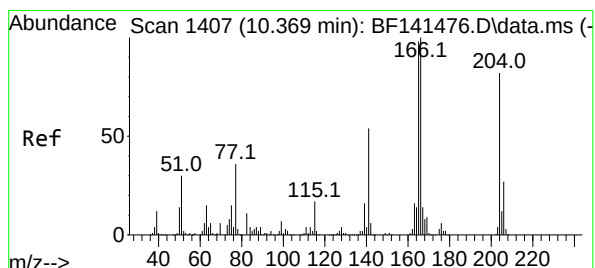
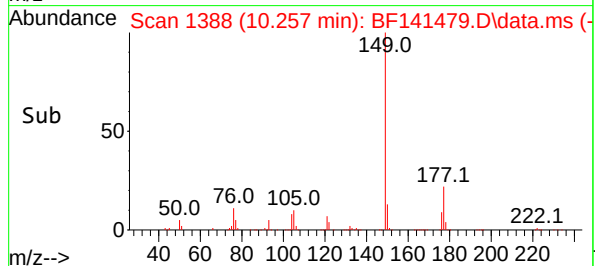
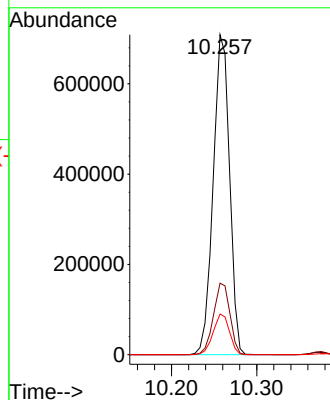
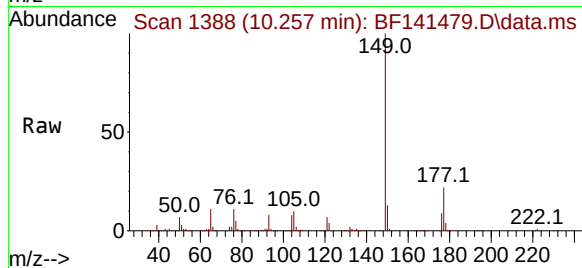
Tgt Ion:149 Resp: 945293

Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.6

150 12.7 10.1 15.1



#61

4-Chlorophenyl-phenylether

Concen: 74.716 ng

RT: 10.374 min Scan# 1408

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

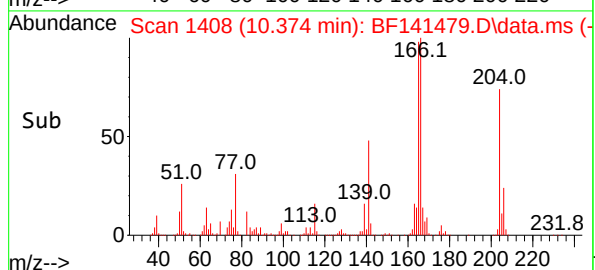
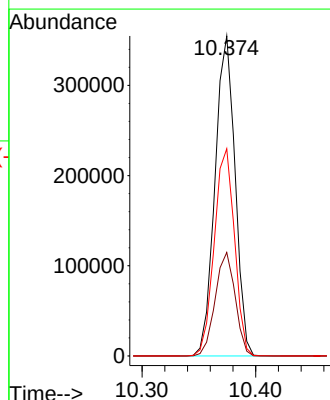
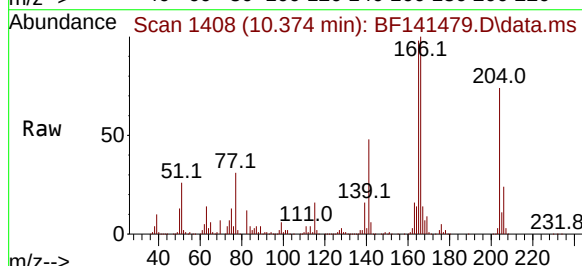
Tgt Ion:204 Resp: 435522

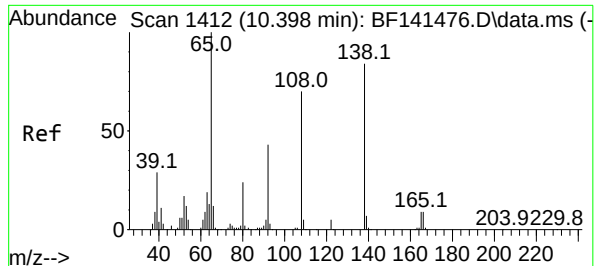
Ion Ratio Lower Upper

204 100

206 32.4 26.6 40.0

141 64.8 51.9 77.9

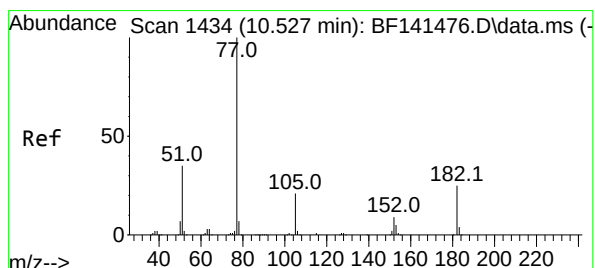
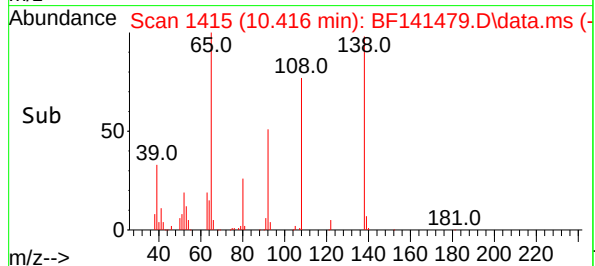
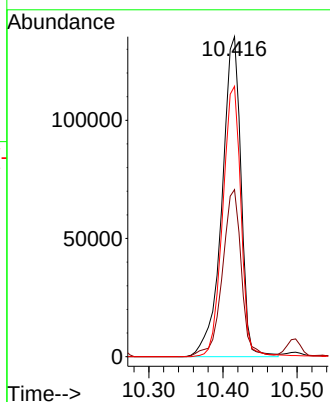
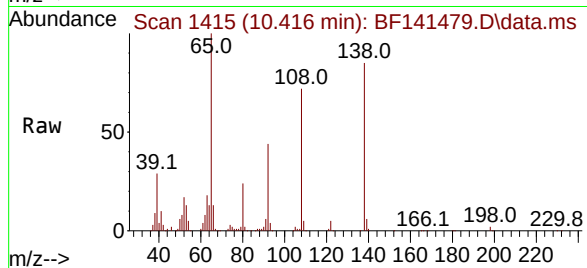




#62
4-Nitroaniline
Concen: 79.873 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

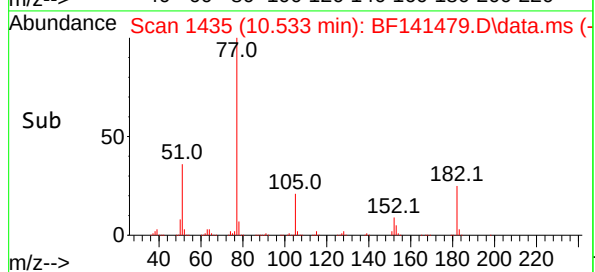
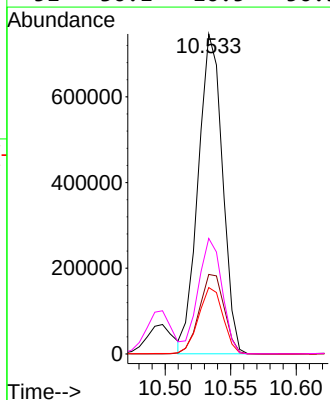
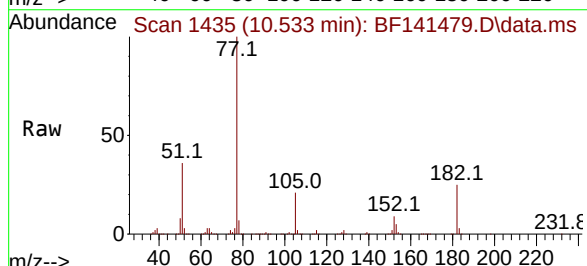
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

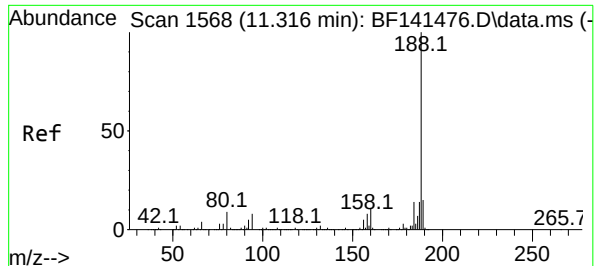
Tgt Ion:138 Resp: 241257
Ion Ratio Lower Upper
138 100
92 52.2 31.3 71.3
108 84.5 63.7 103.7



#63
Azobenzene
Concen: 77.931 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion: 77 Resp: 963689
Ion Ratio Lower Upper
77 100
182 24.9 4.7 44.7
105 20.8 0.4 40.4
51 36.1 16.5 56.5

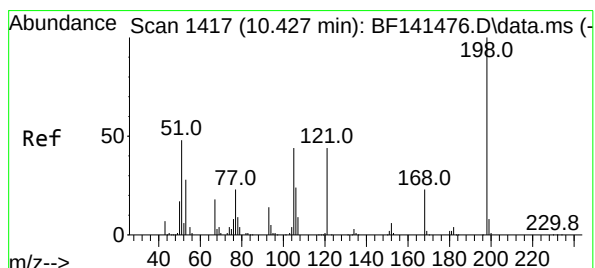
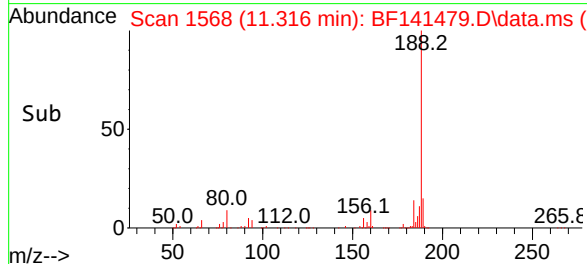
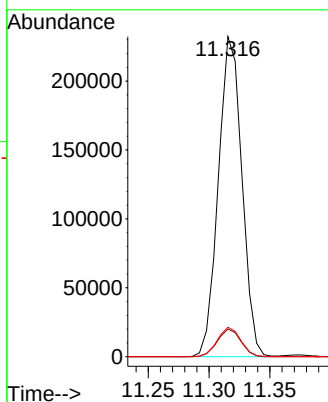
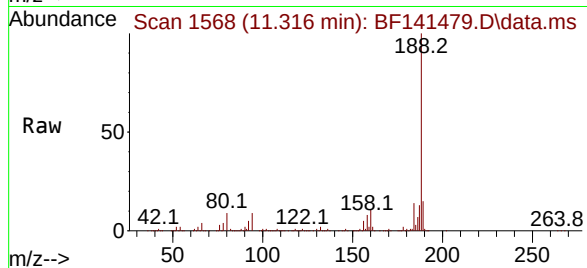




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

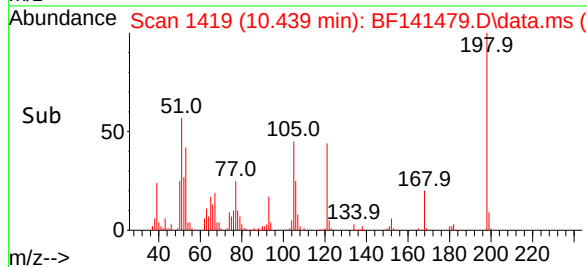
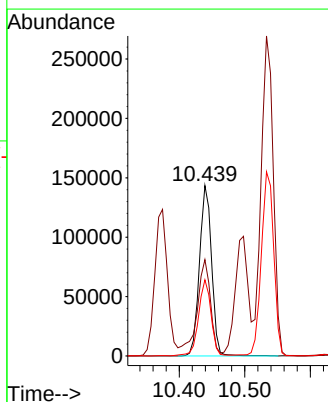
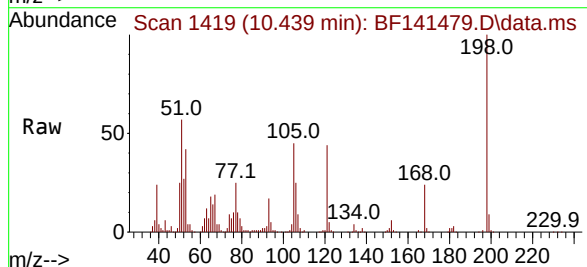
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

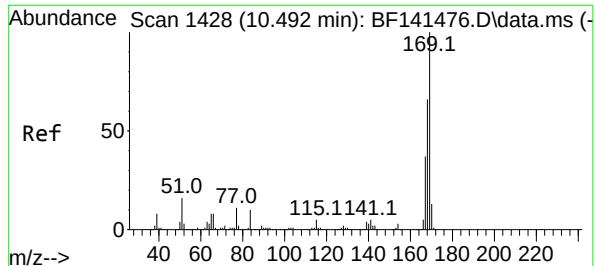
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.2	7.3	10.9



#65
4,6-Dinitro-2-methylphenol
Concen: 85.309 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.6	37.4	77.4
105	44.7	25.2	65.2

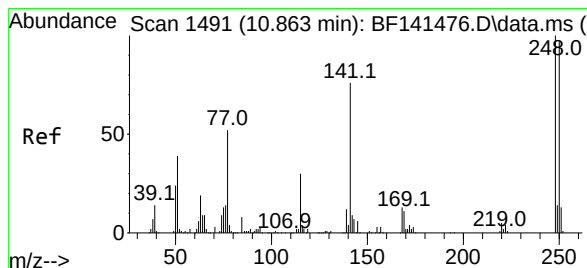
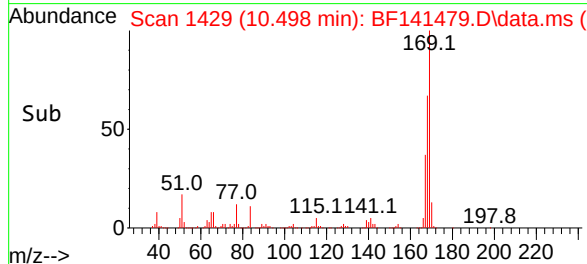
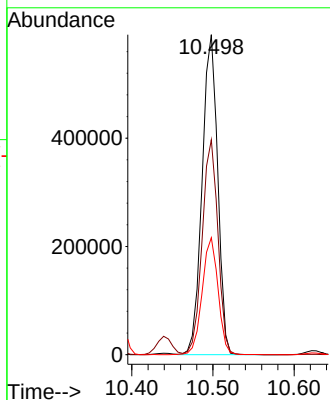
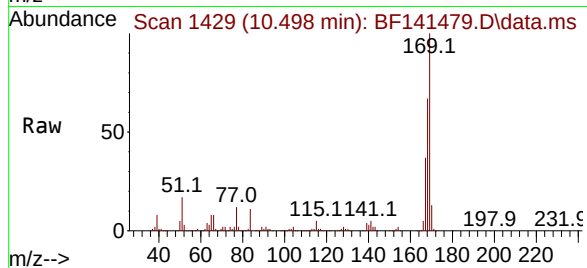




#66
n-Nitrosodiphenylamine
Concen: 78.404 ng
RT: 10.498 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

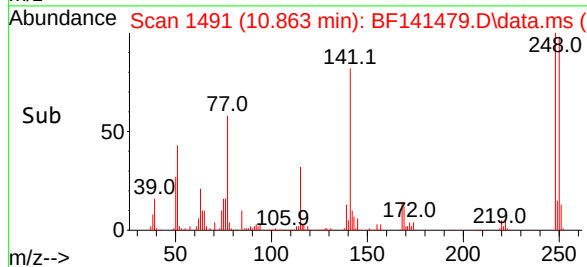
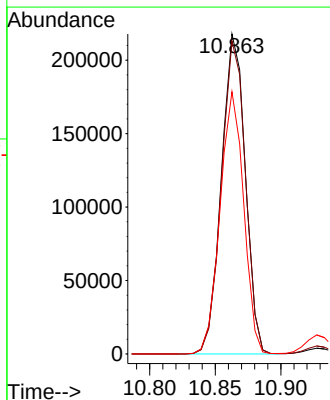
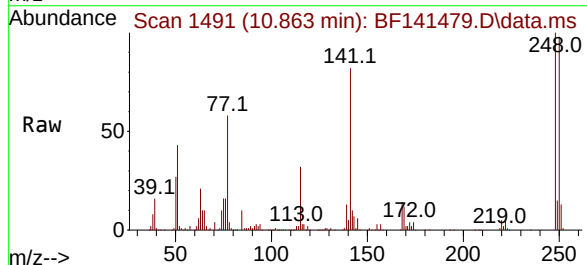
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

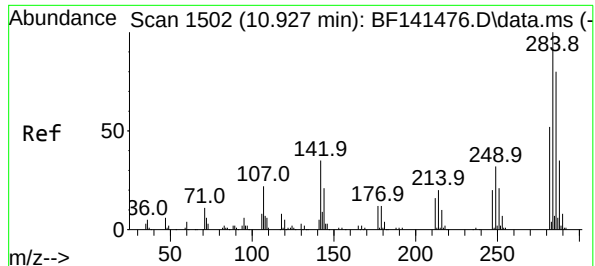
Tgt Ion:169 Resp: 785313
Ion Ratio Lower Upper
169 100
168 67.2 53.3 79.9
167 36.6 29.4 44.2



#67
4-Bromophenyl-phenylether
Concen: 78.988 ng
RT: 10.863 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:248 Resp: 276228
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 81.9 60.6 90.8

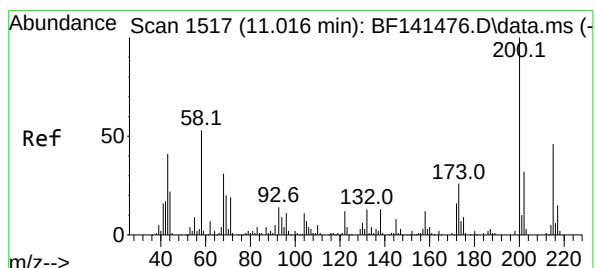
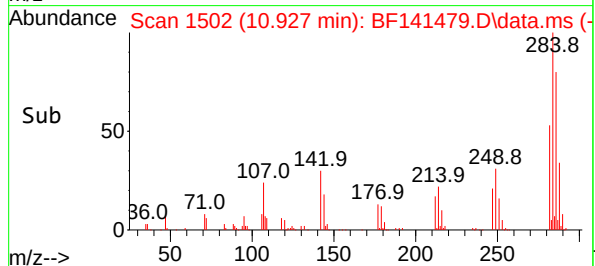
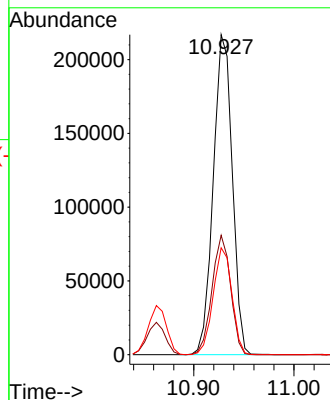
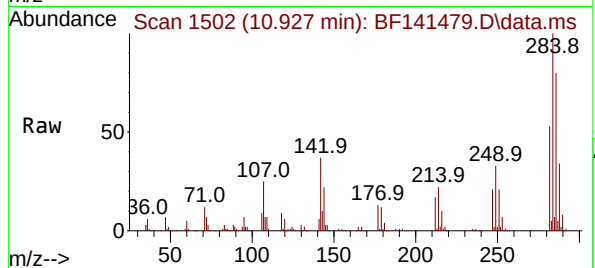




#68
Hexachlorobenzene
Concen: 79.174 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

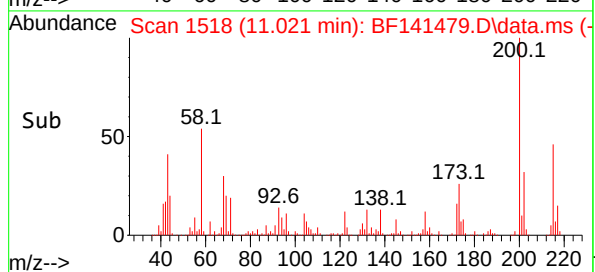
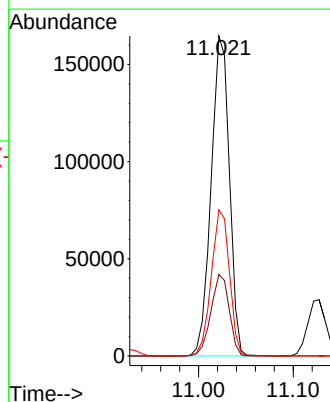
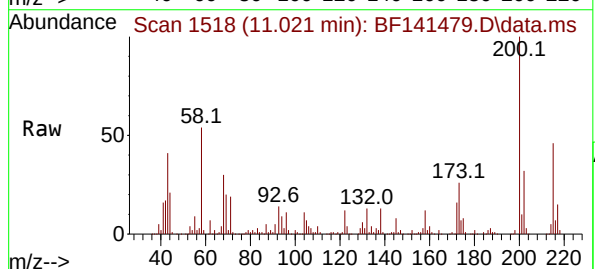
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

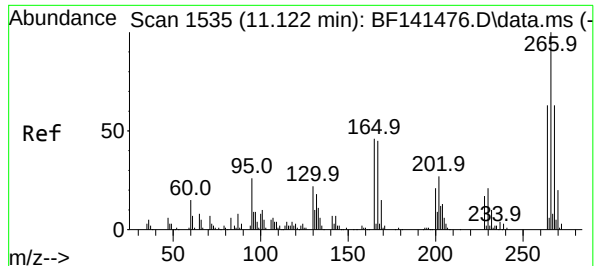
Tgt Ion:284 Resp: 285111
Ion Ratio Lower Upper
284 100
142 37.3 28.0 42.0
249 33.4 25.8 38.8



#69
Atrazine
Concen: 73.188 ng
RT: 11.021 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:200 Resp: 219923
Ion Ratio Lower Upper
200 100
173 25.5 5.9 45.9
215 45.7 25.9 65.9





#70

Pentachlorophenol

Concen: 87.100 ng

RT: 11.127 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

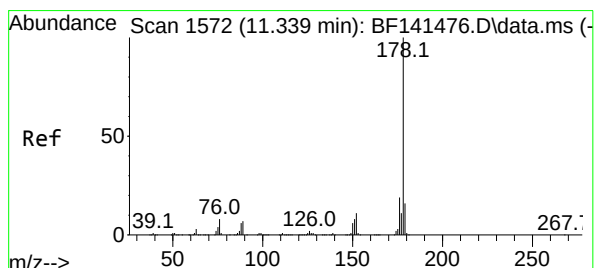
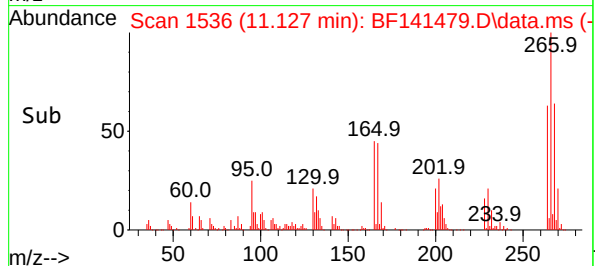
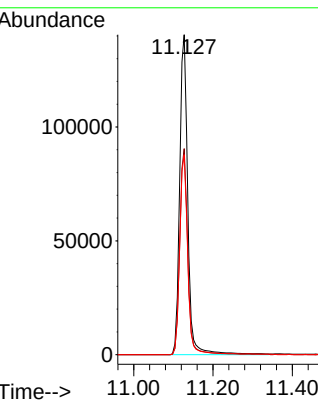
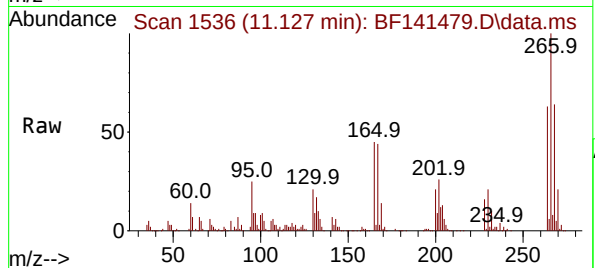
Tgt Ion:266 Resp: 200556

Ion Ratio Lower Upper

266 100

268 64.4 50.1 75.1

264 62.5 50.1 75.1



#71

Phenanthrene

Concen: 76.201 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

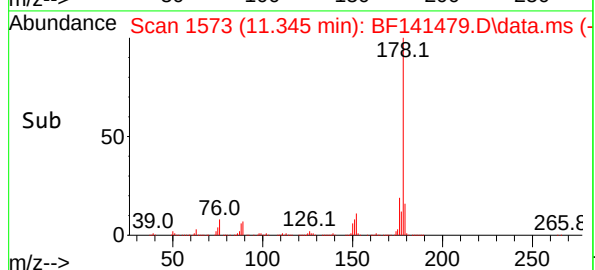
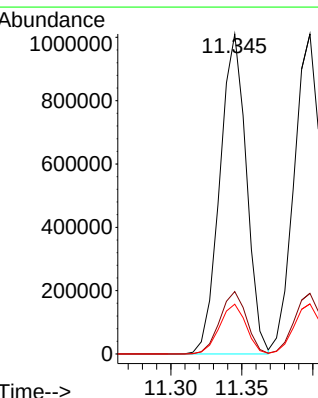
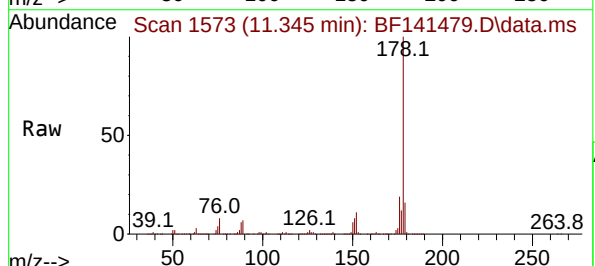
Tgt Ion:178 Resp: 1312474

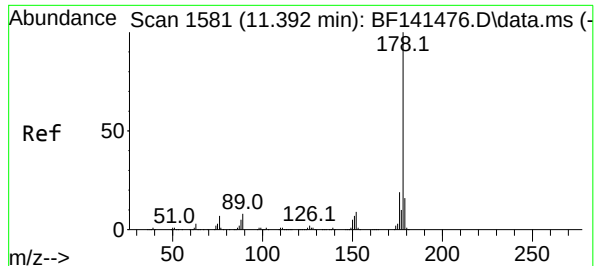
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.6 12.4 18.6

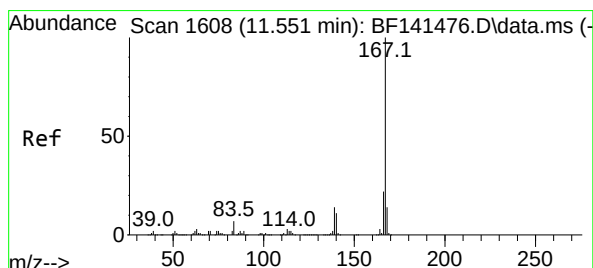
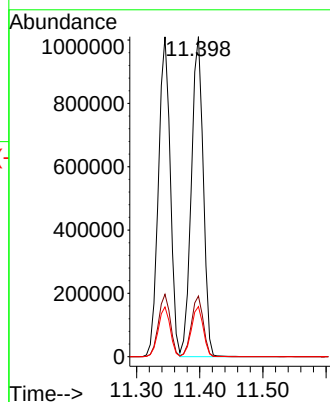
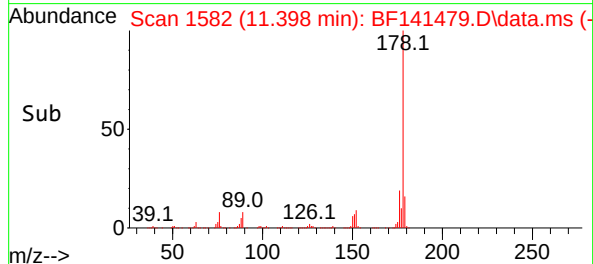
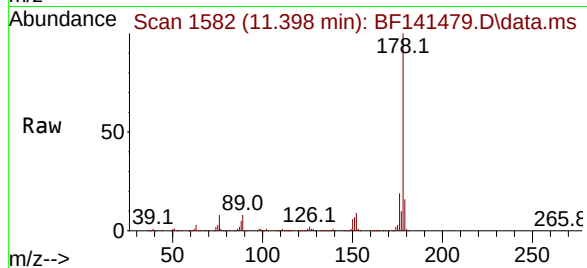




#72
Anthracene
Concen: 76.380 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

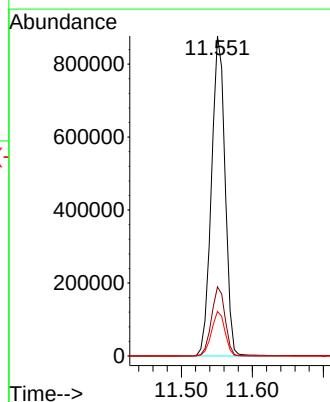
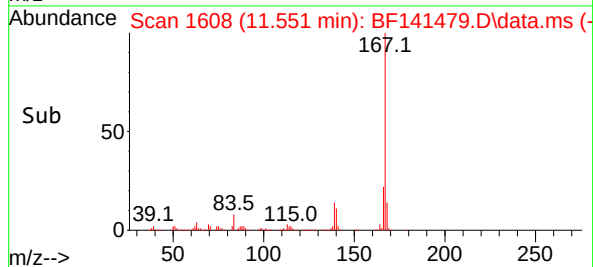
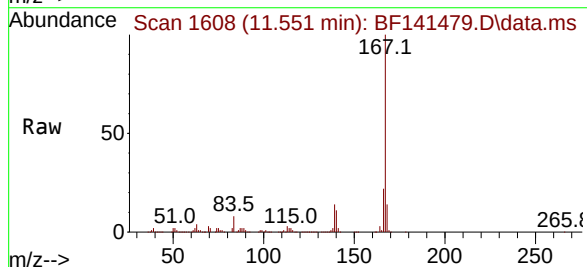
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

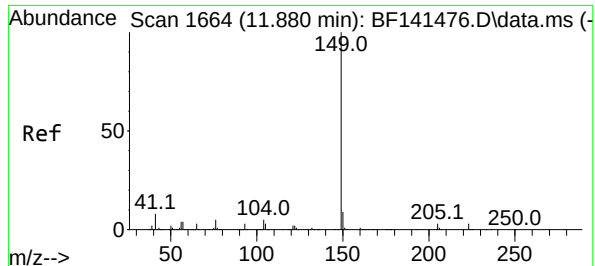
Tgt Ion:178 Resp: 1322462
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.4 18.6



#73
Carbazole
Concen: 74.989 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:167 Resp: 1168253
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.9 10.9 16.3

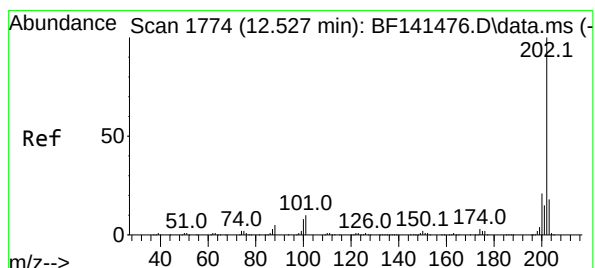
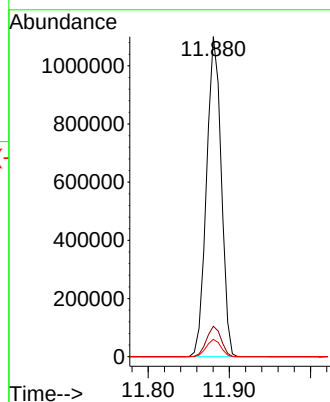
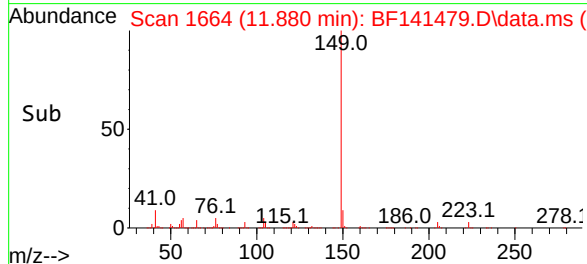
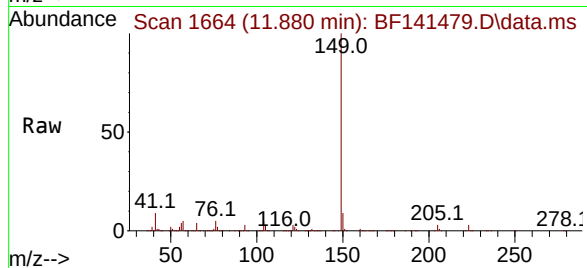




#74
Di-n-butylphthalate
Concen: 76.865 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

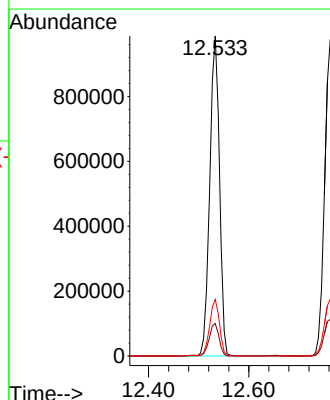
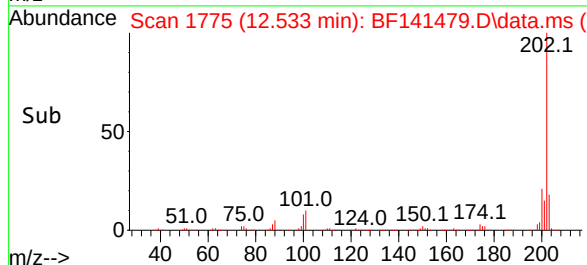
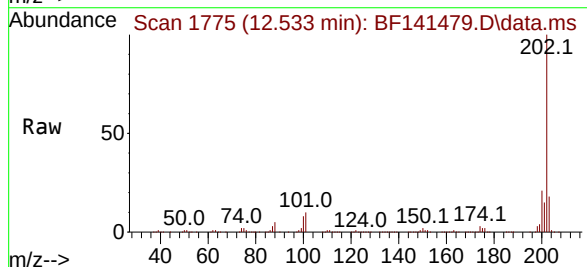
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

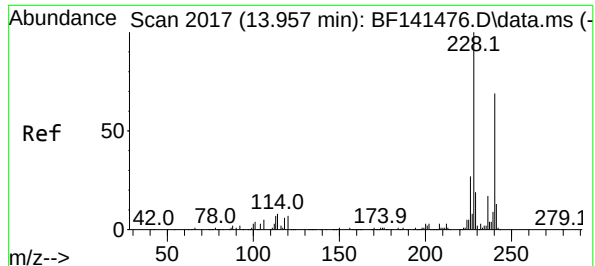
Tgt Ion:149 Resp: 1382706
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.4 4.2 6.2



#75
Fluoranthene
Concen: 73.011 ng
RT: 12.533 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:202 Resp: 1333237
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.6 0.0 37.6

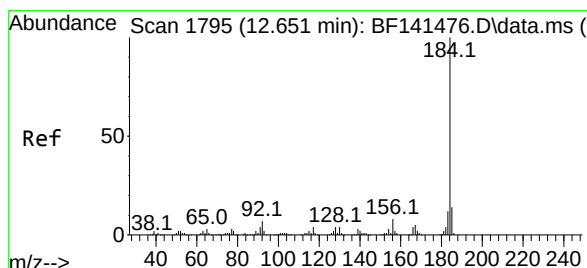
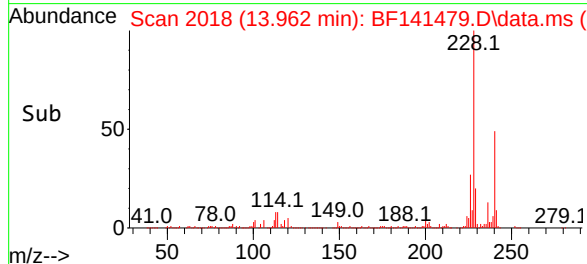
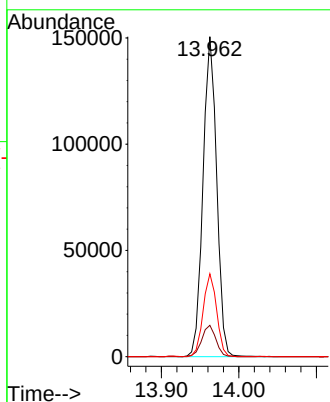
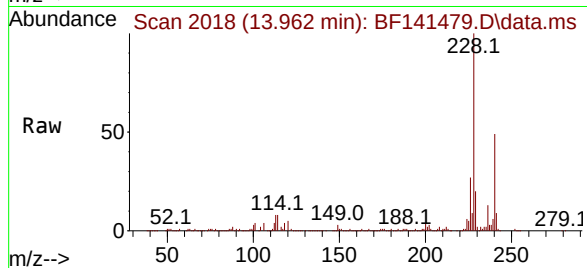




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

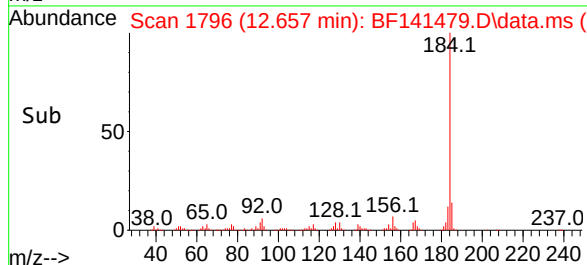
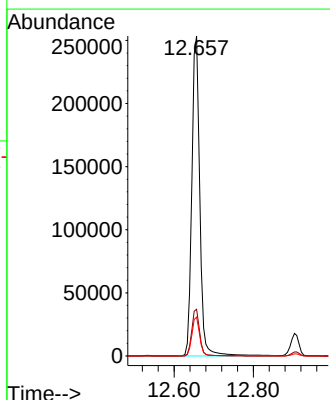
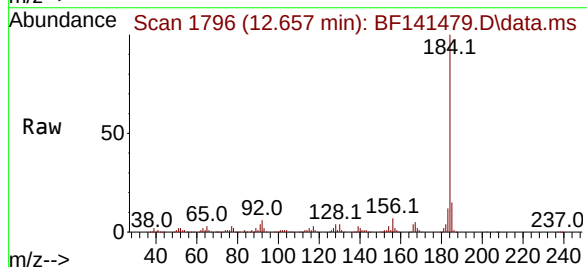
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

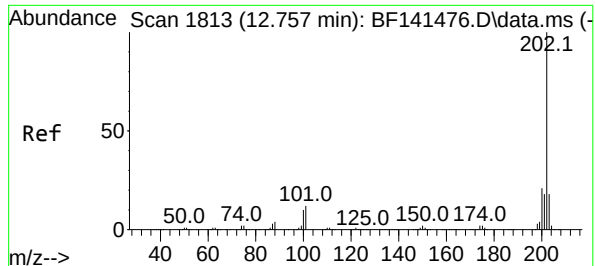
Tgt Ion:240 Resp: 184347
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.9 19.8 29.8



#77
Benzidine
Concen: 87.207 ng
RT: 12.657 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:184 Resp: 354555
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.1 9.3 13.9

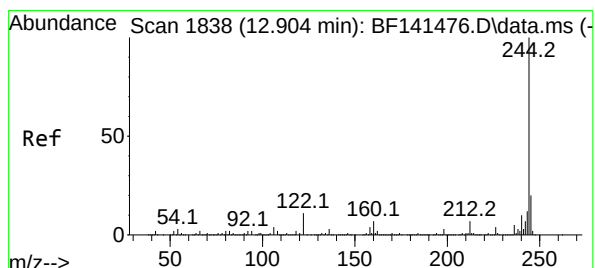
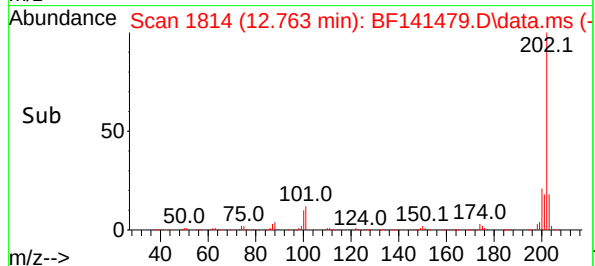
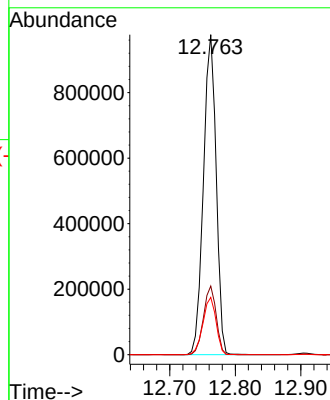
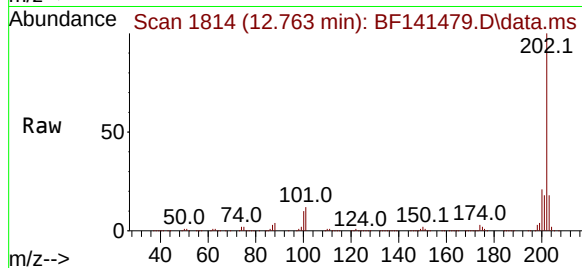




#78
Pyrene
Concen: 84.086 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

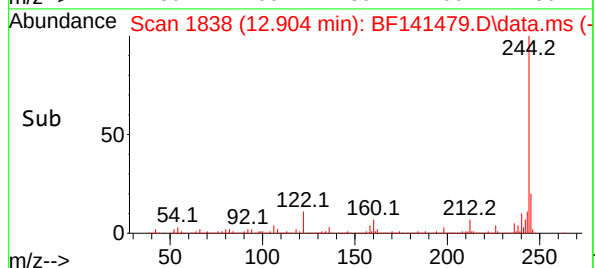
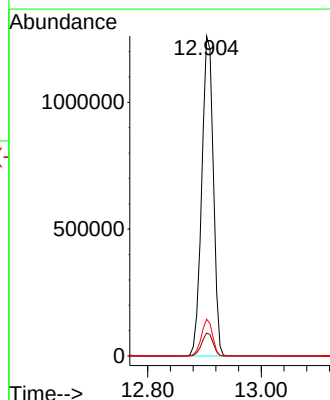
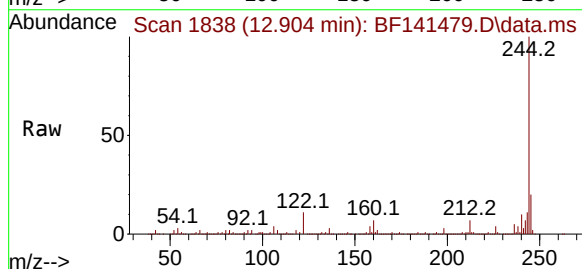
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

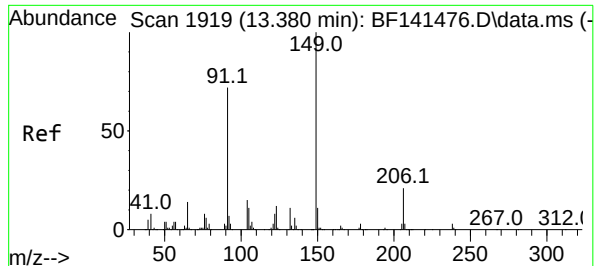
Tgt Ion:202 Resp: 1319554
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 14.3 21.5



#79
Terphenyl-d14
Concen: 163.152 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:244 Resp: 1781602
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 11.5 8.4 12.6





#80

Butylbenzylphthalate

Concen: 84.592 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

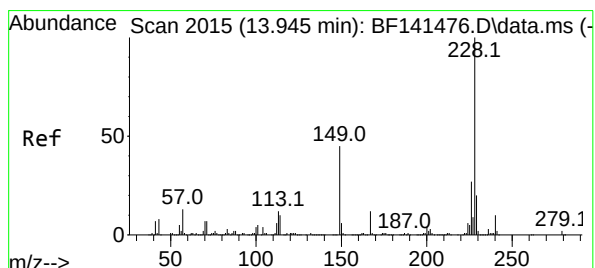
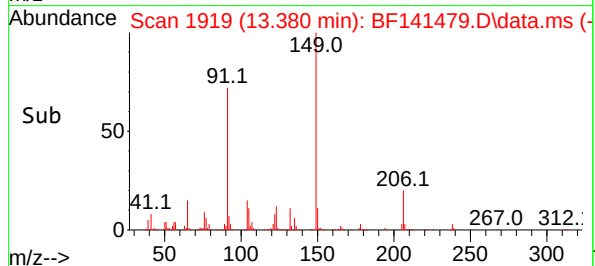
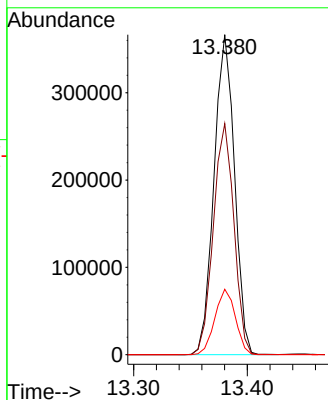
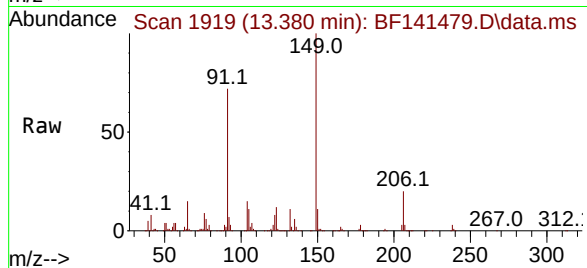
Tgt Ion:149 Resp: 459803

Ion Ratio Lower Upper

149 100

91 72.2 57.8 86.8

206 20.4 16.7 25.1



#81

Benzo(a)anthracene

Concen: 76.977 ng

RT: 13.951 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

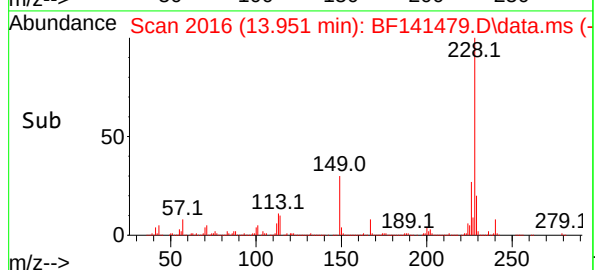
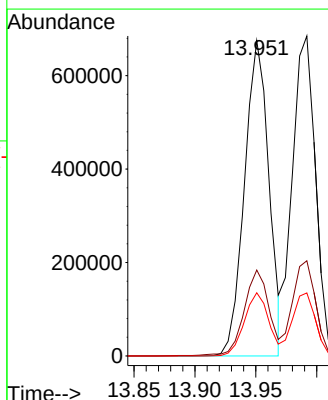
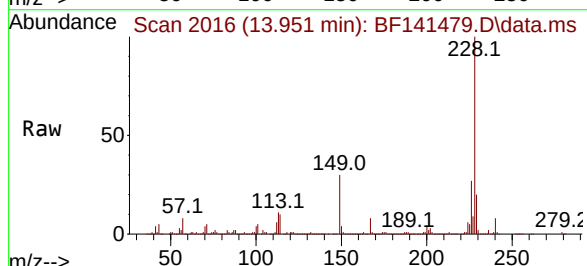
Tgt Ion:228 Resp: 943291

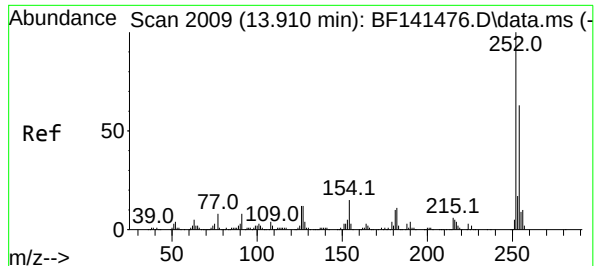
Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.0 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 75.143 ng

RT: 13.915 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

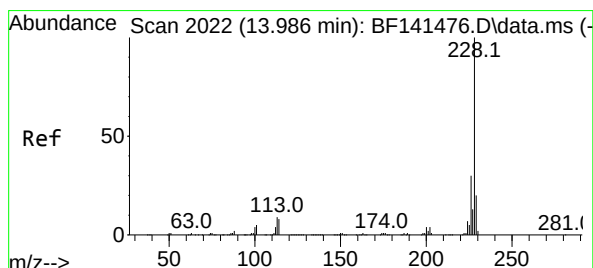
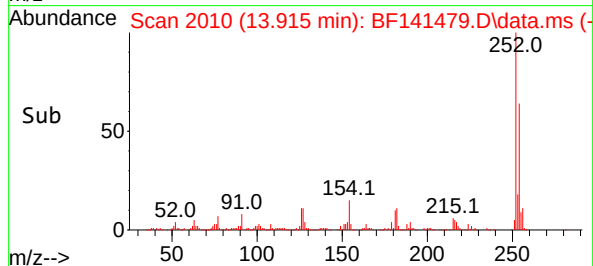
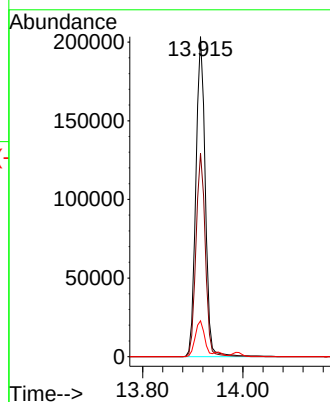
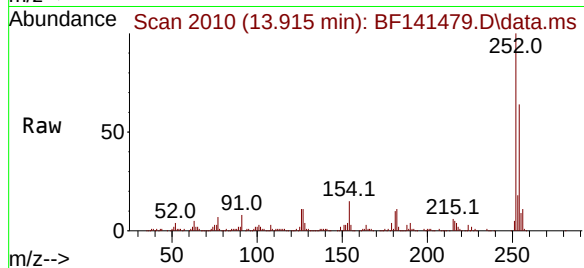
Tgt Ion:252 Resp: 263773

Ion Ratio Lower Upper

252 100

254 63.6 50.6 76.0

126 11.2 9.3 13.9



#83

Chrysene

Concen: 80.108 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

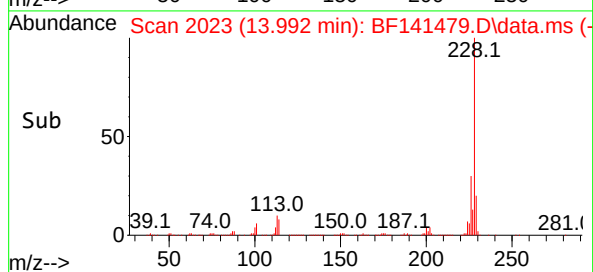
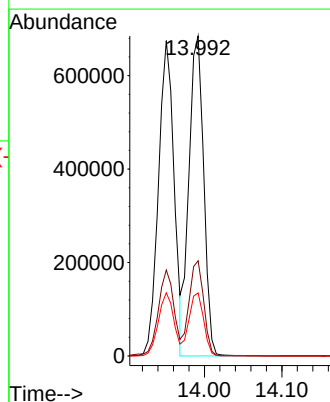
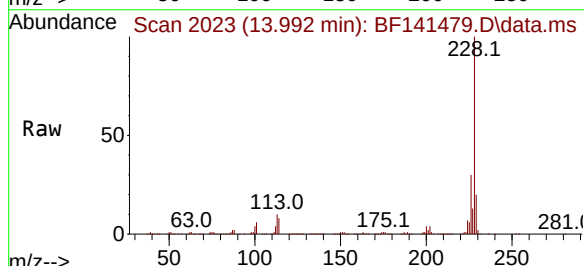
Tgt Ion:228 Resp: 906415

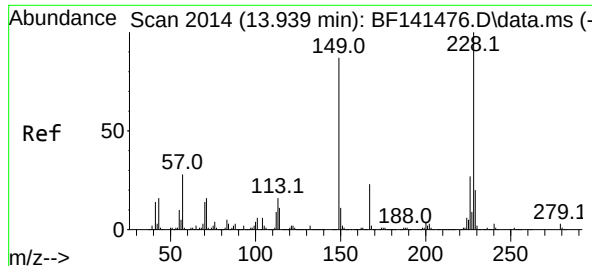
Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.7 15.7 23.5

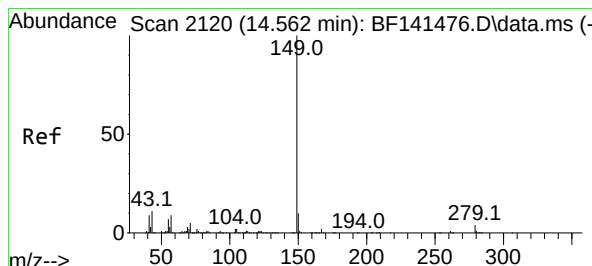
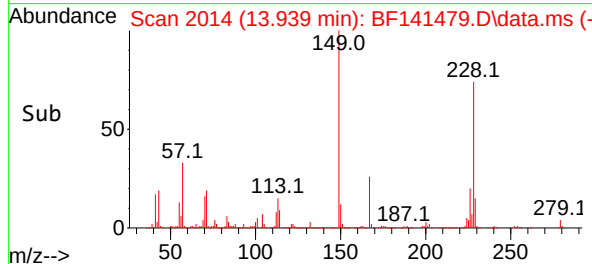
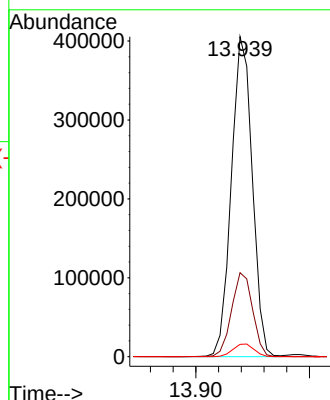
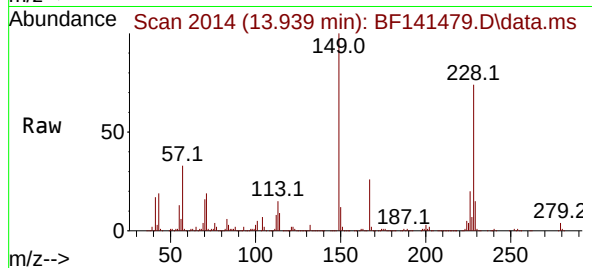




#84
Bis(2-ethylhexyl)phthalate
Concen: 84.477 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

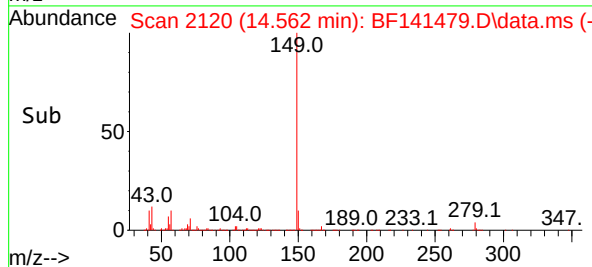
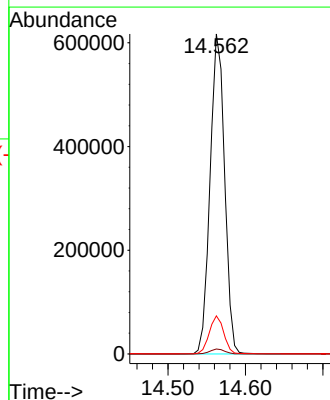
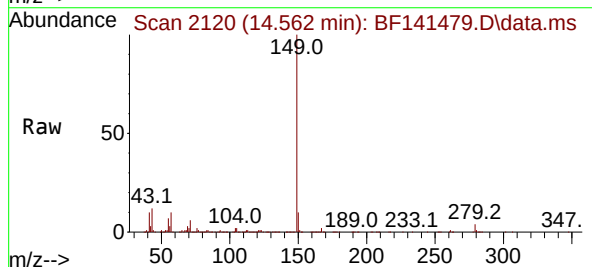
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

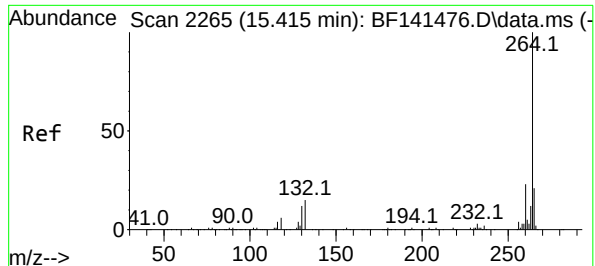
Tgt Ion:149 Resp: 517884
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 3.9 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 91.886 ng
RT: 14.562 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

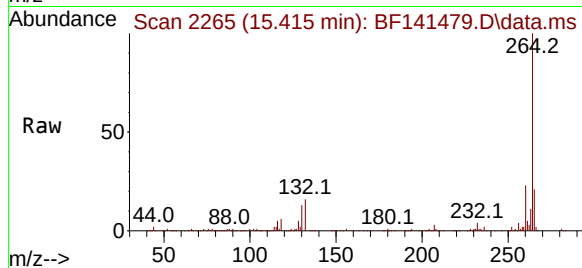
Tgt Ion:149 Resp: 803601
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.5 14.3



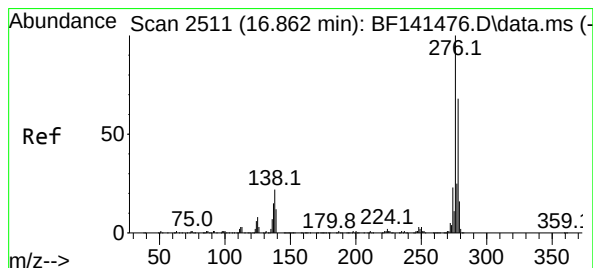
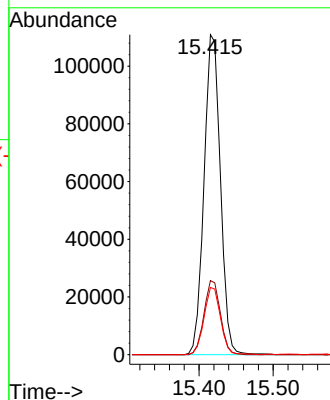
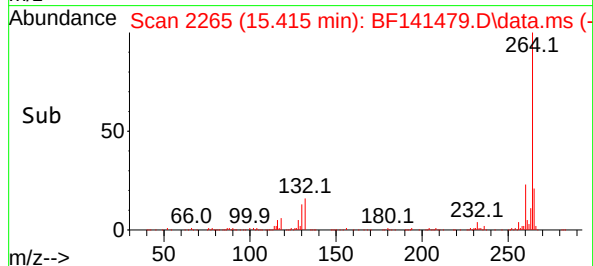


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

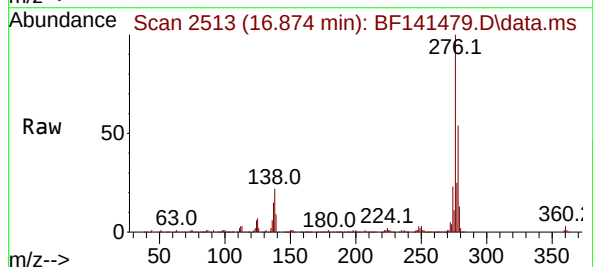
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



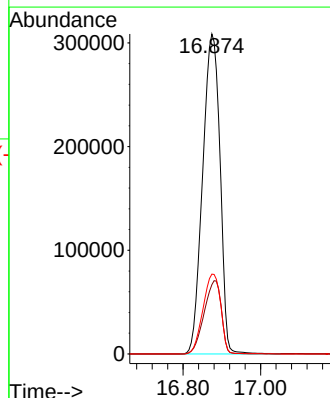
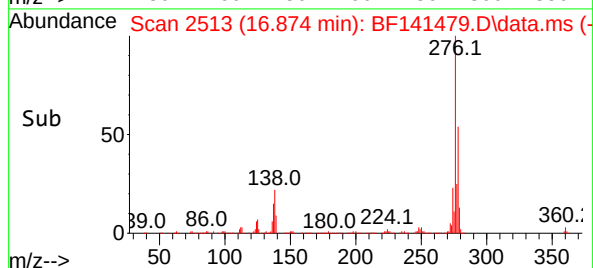
Tgt Ion:264 Resp: 170605
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.0 17.0 25.4

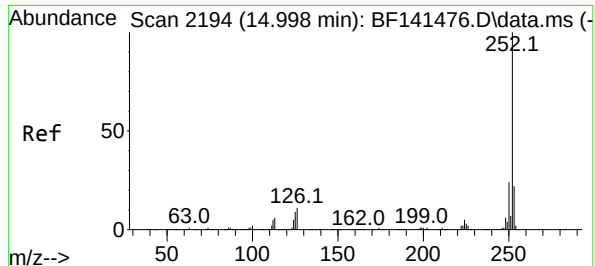


#87
Indeno(1,2,3-cd)pyrene
Concen: 91.166 ng
RT: 16.874 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14



Tgt Ion:276 Resp: 961023
Ion Ratio Lower Upper
276 100
138 22.7 18.0 27.0
277 25.4 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 75.529 ng

RT: 15.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

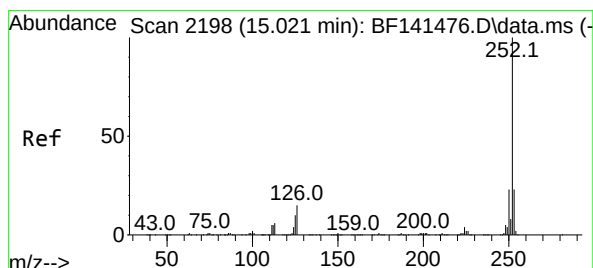
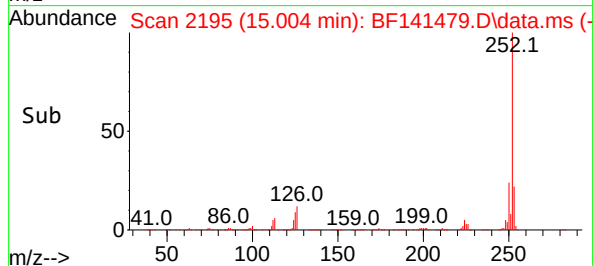
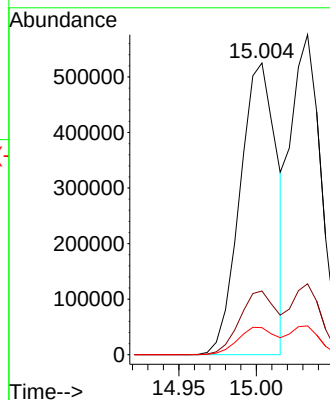
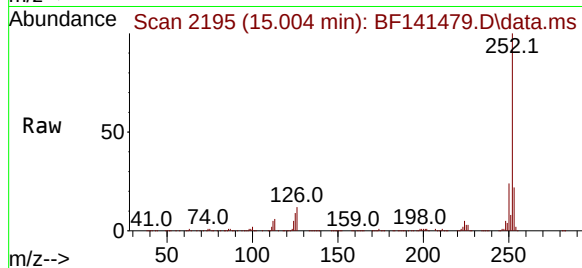
Tgt Ion:252 Resp: 865205

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.3 7.0 10.6



#89

Benzo(k)fluoranthene

Concen: 79.364 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF141479.D

Acq: 06 Feb 2025 14:14

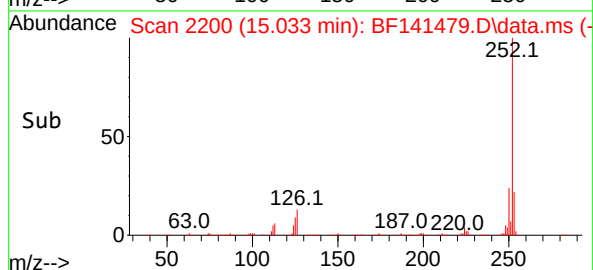
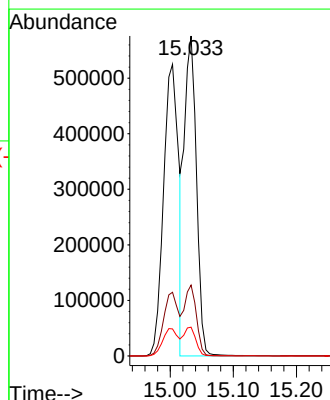
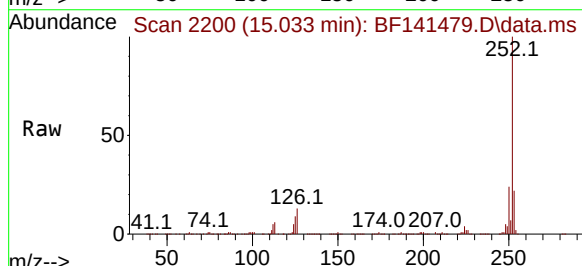
Tgt Ion:252 Resp: 776323

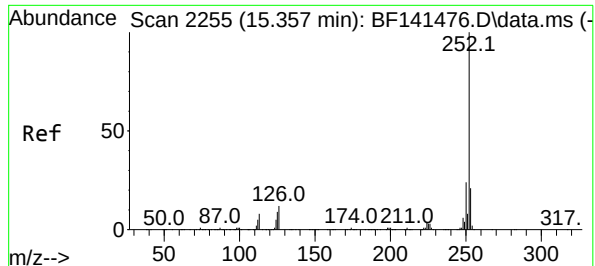
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.0 7.4 11.0

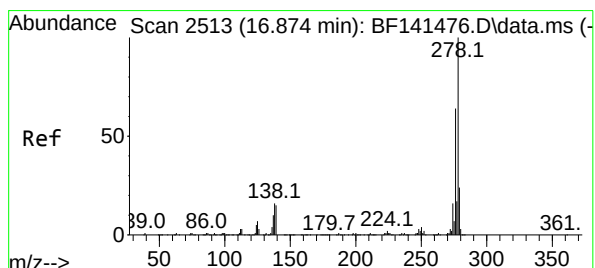
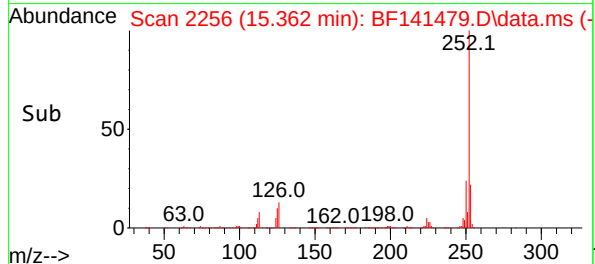
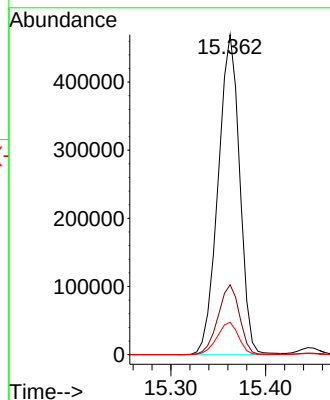
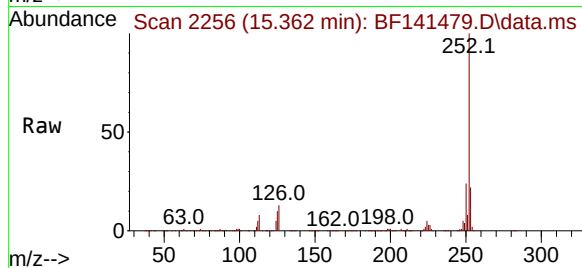




#90
Benzo(a)pyrene
Concen: 80.150 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

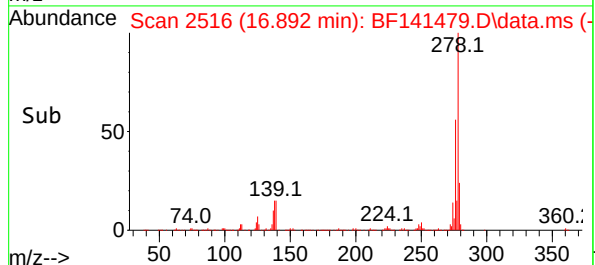
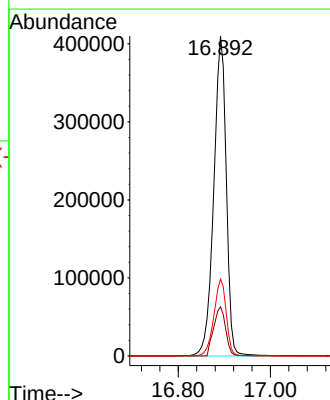
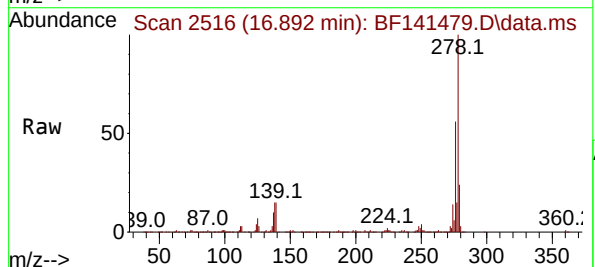
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

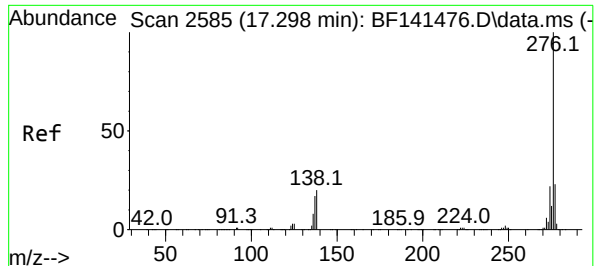
Tgt Ion:252 Resp: 742932
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.1 7.4 11.2



#91
Dibenzo(a,h)anthracene
Concen: 90.578 ng
RT: 16.892 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF141479.D
Acq: 06 Feb 2025 14:14

Tgt Ion:278 Resp: 773684
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 24.1 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 93.015 ng

RT: 17.315 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141479.D

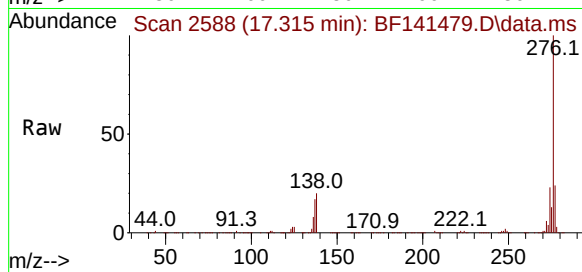
Acq: 06 Feb 2025 14:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



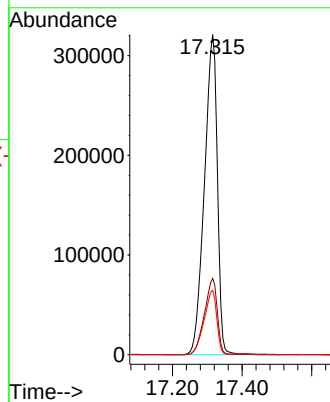
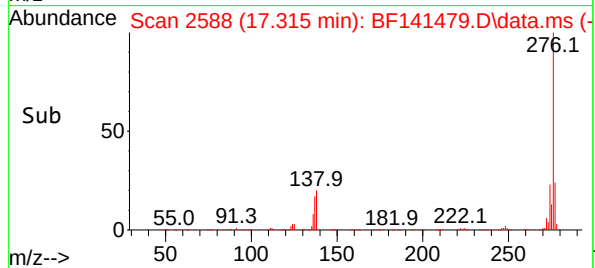
Tgt Ion:276 Resp: 831418

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.2 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90009	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	362467	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	197991	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	337289	20.000	ng	0.00
76) Chrysene-d12	13.963	240	252530	20.000	ng	0.00
86) Perylene-d12	15.427	264	199389	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	470176	81.894	ng	0.00
7) Phenol-d6	6.428	99	586892	80.878	ng	-0.01
23) Nitrobenzene-d5	7.357	82	544613	78.369	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	158098	79.490	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1012492	78.786	ng	0.00
79) Terphenyl-d14	12.904	244	1133126	75.750	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	93282	40.369	ng	99
3) Pyridine	3.205	79	230604	41.938	ng	99
4) n-Nitrosodimethylamine	3.158	42	151656	41.653	ng	97
6) Aniline	6.451	93	284762	41.834	ng	92
8) 2-Chlorophenol	6.575	128	251415	40.527	ng	96
9) Benzaldehyde	6.340	77	154649	40.105	ng	99
10) Phenol	6.446	94	306753	40.615	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	226152	39.866	ng	100
12) 1,3-Dichlorobenzene	6.728	146	264052	40.317	ng	98
13) 1,4-Dichlorobenzene	6.804	146	267068	39.911	ng	99
14) 1,2-Dichlorobenzene	6.957	146	250623	40.354	ng	99
15) Benzyl Alcohol	6.934	79	228379	41.041	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	393626	40.535	ng	98
17) 2-Methylphenol	7.051	107	197905	40.768	ng	99
18) Hexachloroethane	7.298	117	101687	41.061	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	173832	40.048	ng	100
20) 3+4-Methylphenols	7.204	107	247254	40.073	ng	98
22) Acetophenone	7.198	105	353867	39.246	ng	100
24) Nitrobenzene	7.375	77	267193	39.429	ng	100
25) Isophorone	7.610	82	440640	39.767	ng	100
26) 2-Nitrophenol	7.687	139	136248	40.413	ng	98
27) 2,4-Dimethylphenol	7.728	122	157242	39.924	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	282744	39.822	ng	100
29) 2,4-Dichlorophenol	7.934	162	211891	39.818	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	227379	39.237	ng	100
31) Naphthalene	8.093	128	741255	39.287	ng	100
32) Benzoic acid	7.857	122	164966	40.324	ng	98
33) 4-Chloroaniline	8.145	127	267977	40.680	ng	99
34) Hexachlorobutadiene	8.210	225	139658	40.144	ng	99
35) Caprolactam	8.516	113	66599	41.104	ng	99
36) 4-Chloro-3-methylphenol	8.634	107	235824	40.006	ng	100
37) 2-Methylnaphthalene	8.787	142	475273	38.710	ng	100
38) 1-Methylnaphthalene	8.881	142	464346	39.049	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	230166	40.182	ng	99
41) Hexachlorocyclopentadiene	8.934	237	73834	38.754	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	147770	39.914	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

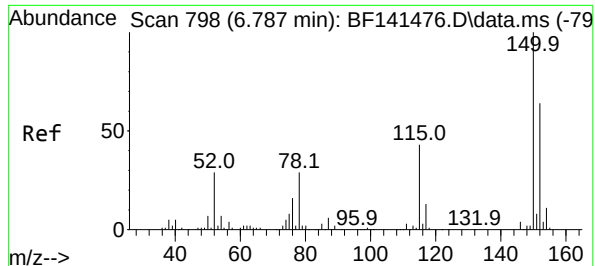
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	160926	40.108	ng	99
46) 1,1'-Biphenyl	9.251	154	606611	39.519	ng	100
47) 2-Chloronaphthalene	9.275	162	447817	39.453	ng	100
48) 2-Nitroaniline	9.375	65	154092	40.451	ng	98
49) Acenaphthylene	9.687	152	670833	39.734	ng	99
50) Dimethylphthalate	9.551	163	530769	39.488	ng	99
51) 2,6-Dinitrotoluene	9.616	165	117431	39.965	ng	99
52) Acenaphthene	9.863	154	452794	39.893	ng	100
53) 3-Nitroaniline	9.787	138	127965	40.463	ng	99
54) 2,4-Dinitrophenol	9.892	184	74461	42.639	ng	97
55) Dibenzofuran	10.034	168	664069	39.860	ng	99
56) 4-Nitrophenol	9.957	139	98990	42.166	ng	99
57) 2,4-Dinitrotoluene	10.022	165	158941	40.633	ng	100
58) Fluorene	10.375	166	508833	39.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	139688	40.438	ng	97
60) Diethylphthalate	10.251	149	521933	39.467	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	243659	39.318	ng	98
62) 4-Nitroaniline	10.398	138	132059	41.124	ng	99
63) Azobenzene	10.528	77	522705	39.759	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	98944	42.230	ng	98
66) n-Nitrosodiphenylamine	10.492	169	432307	40.040	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	154044	40.864	ng	95
68) Hexachlorobenzene	10.928	284	156075	40.208	ng	99
69) Atrazine	11.016	200	127486	39.358	ng	100
70) Pentachlorophenol	11.122	266	105427	42.476	ng	99
71) Phenanthrene	11.339	178	744761	40.114	ng	100
72) Anthracene	11.392	178	753295	40.362	ng	100
73) Carbazole	11.551	167	676218	40.267	ng	100
74) Di-n-butylphthalate	11.881	149	794101	40.953	ng	100
75) Fluoranthene	12.528	202	807256	41.011	ng	100
77) Benzidine	12.651	184	211734	38.017	ng	100
78) Pyrene	12.757	202	812250	37.784	ng	100
80) Butylbenzylphthalate	13.380	149	311103	41.781	ng	99
81) Benzo(a)anthracene	13.951	228	638036	38.009	ng	100
82) 3,3'-Dichlorobenzidine	13.916	252	185650	38.608	ng	99
83) Chrysene	13.992	228	610091	39.361	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	371434	44.229	ng	100
85) Di-n-octyl phthalate	14.574	149	534947	44.652	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	474949	38.551	ng	99
88) Benzo(b)fluoranthene	15.010	252	526847	39.352	ng	100
89) Benzo(k)fluoranthene	15.039	252	470794	41.182	ng	98
90) Benzo(a)pyrene	15.369	252	427462	39.459	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	388028	38.870	ng	99
92) Benzo(g,h,i)perylene	17.310	276	402566	38.536	ng	99

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

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

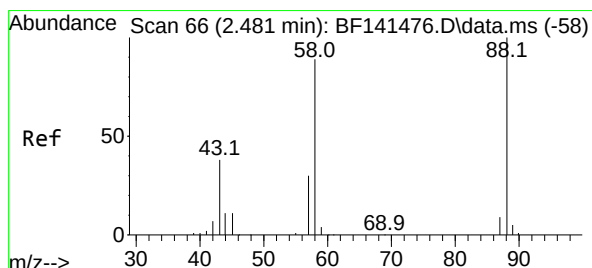
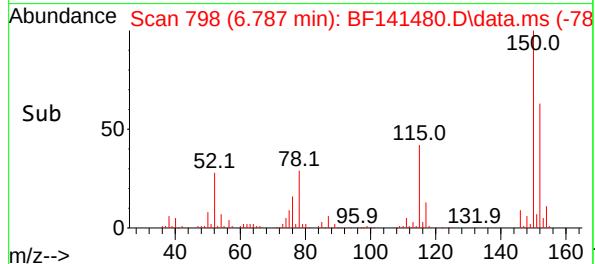
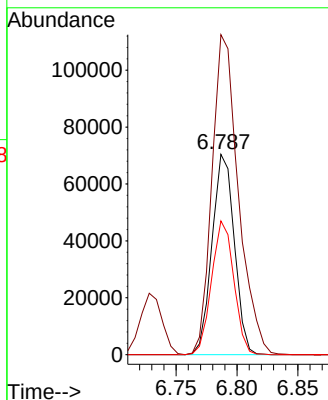
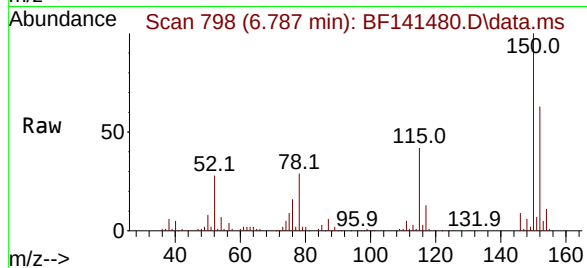
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

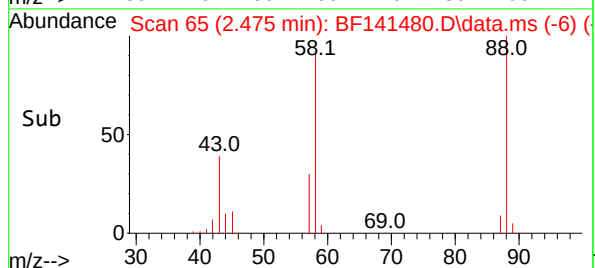
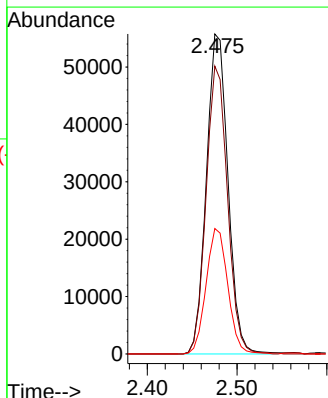
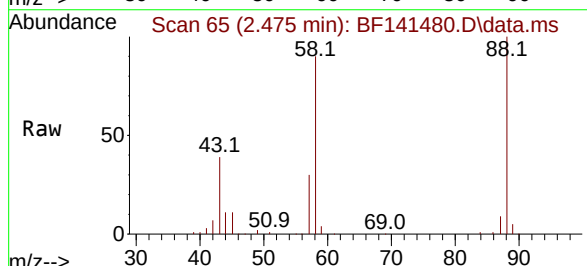
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BNA_F
ClientSampleId :
ICVBF020625

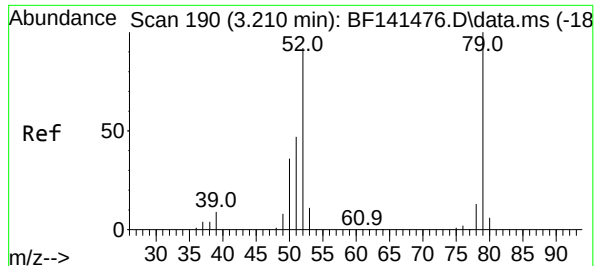
Tgt Ion:152 Resp: 90009
Ion Ratio Lower Upper
152 100
150 159.7 125.0 187.4
115 66.8 53.6 80.4



#2
1,4-Dioxane
Concen: 40.369 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 88 Resp: 93282
Ion Ratio Lower Upper
88 100
58 89.1 71.1 106.7
43 39.4 30.6 46.0





#3

Pyridine

Concen: 41.938 ng

RT: 3.205 min Scan# 189

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

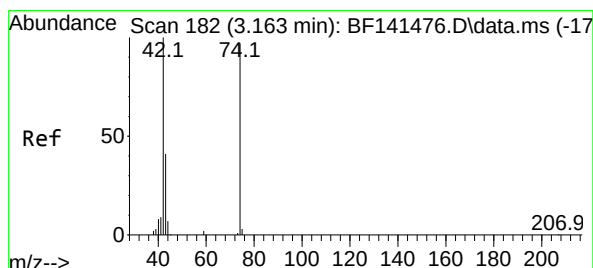
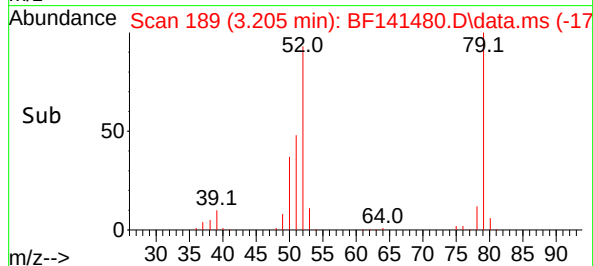
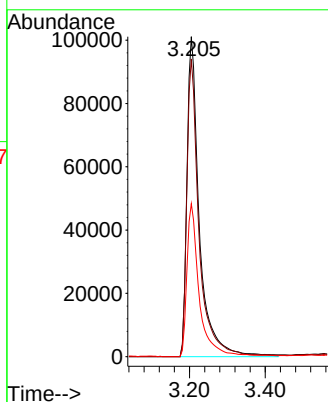
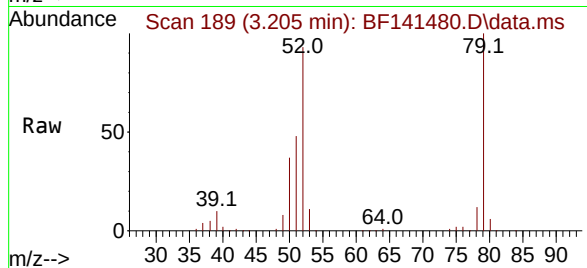
Tgt Ion: 79 Resp: 230604

Ion Ratio Lower Upper

79 100

52 93.1 73.7 110.5

51 47.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.653 ng

RT: 3.158 min Scan# 181

Delta R.T. -0.029 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

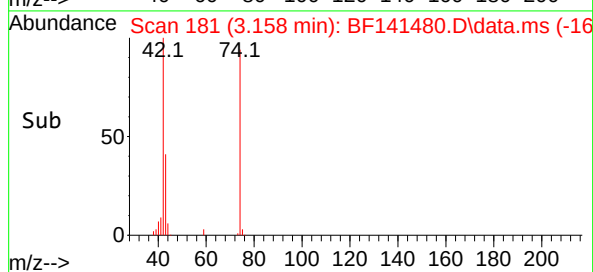
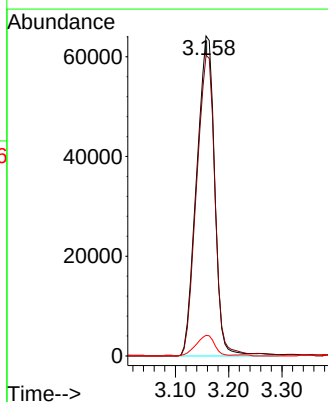
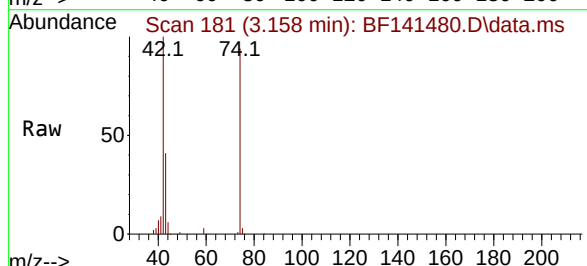
Tgt Ion: 42 Resp: 151656

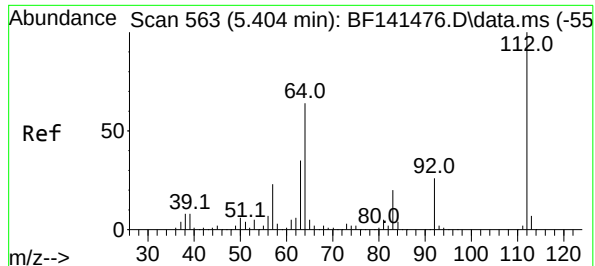
Ion Ratio Lower Upper

42 100

74 94.0 78.0 117.0

44 6.5 5.4 8.2

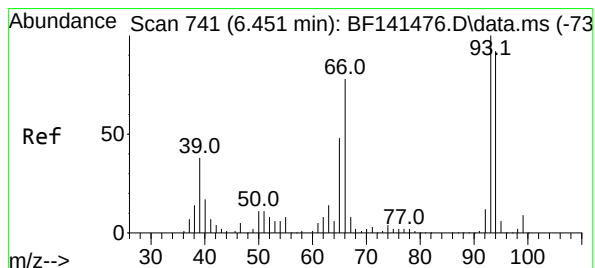
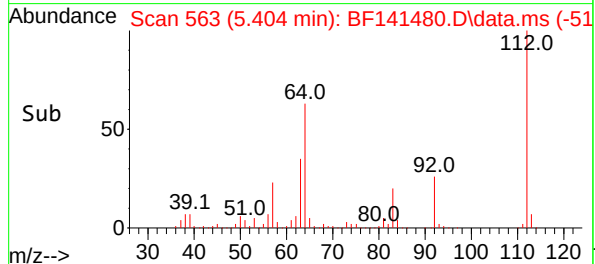
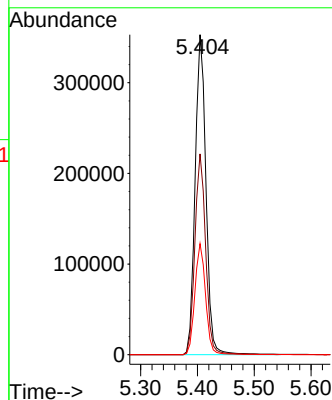
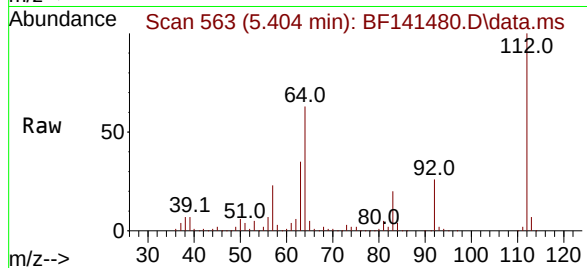




#5
2-Fluorophenol
Concen: 81.894 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

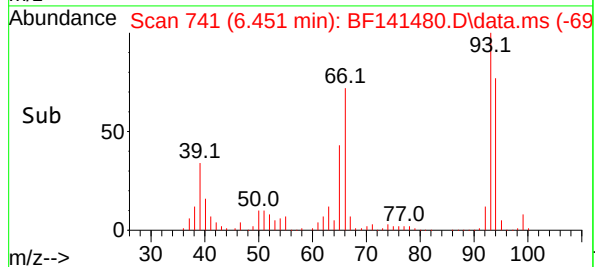
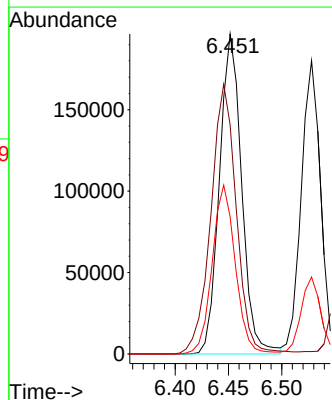
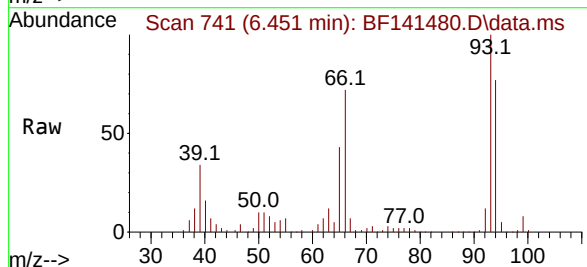
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

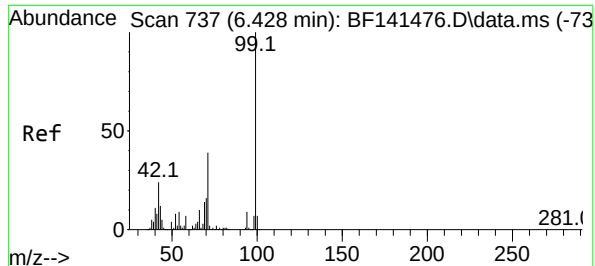
Tgt Ion:112 Resp: 470176
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 34.7 28.4 42.6



#6
Aniline
Concen: 41.834 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 93 Resp: 284762
Ion Ratio Lower Upper
93 100
66 71.6 62.6 94.0
65 42.9 38.3 57.5





#7

Phenol-d6

Concen: 80.878 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

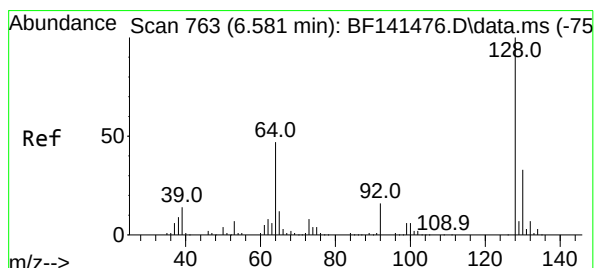
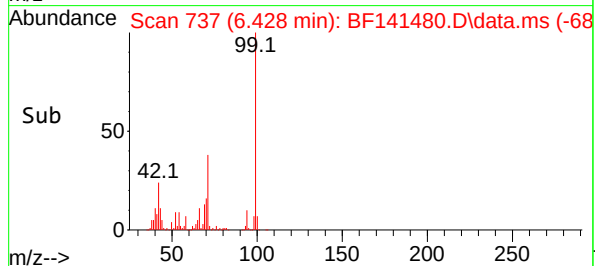
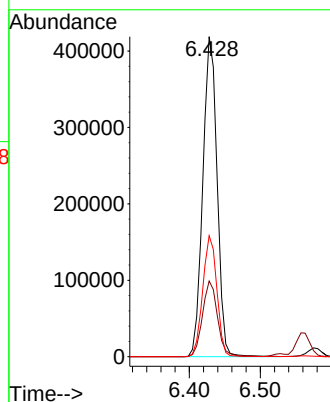
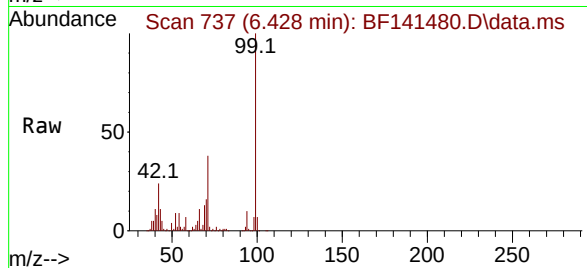
Tgt Ion: 99 Resp: 586892

Ion Ratio Lower Upper

99 100

42 23.7 19.1 28.7

71 37.8 31.1 46.7



#8

2-Chlorophenol

Concen: 40.527 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

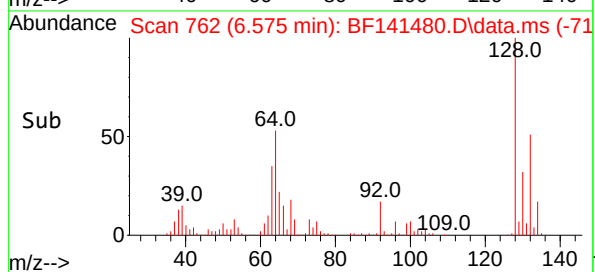
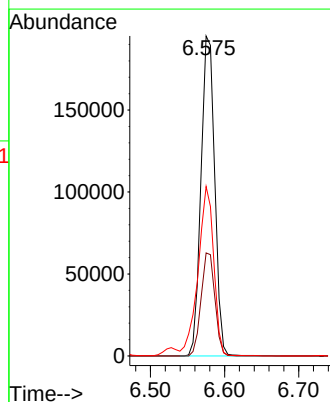
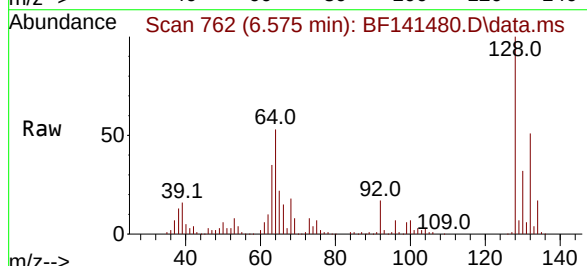
Tgt Ion: 128 Resp: 251415

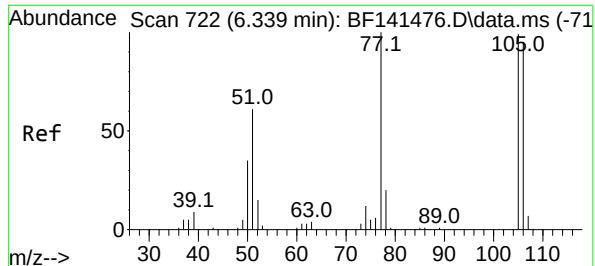
Ion Ratio Lower Upper

128 100

130 32.2 12.7 52.7

64 52.9 28.3 68.3





#9

Benzaldehyde

Concen: 40.105 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

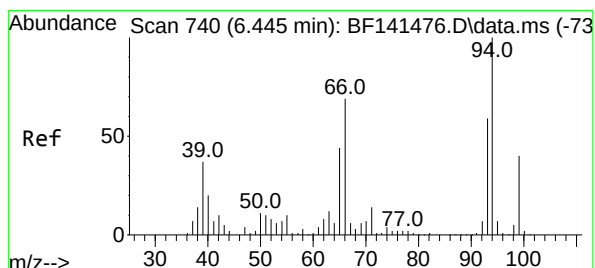
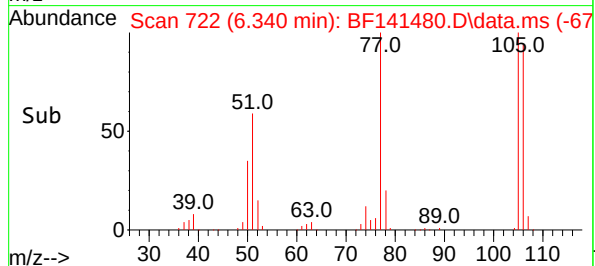
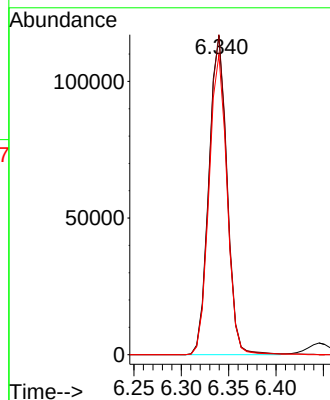
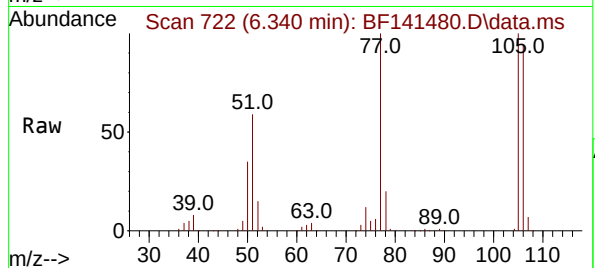
Tgt Ion: 77 Resp: 154649

Ion Ratio Lower Upper

77 100

105 100.4 79.4 119.4

106 94.1 75.1 115.1



#10

Phenol

Concen: 40.615 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

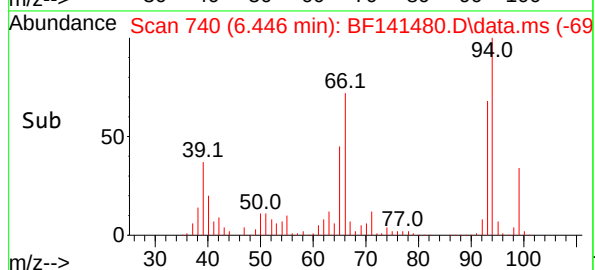
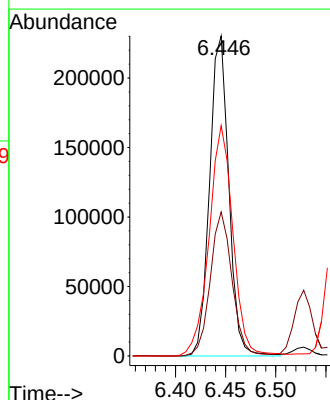
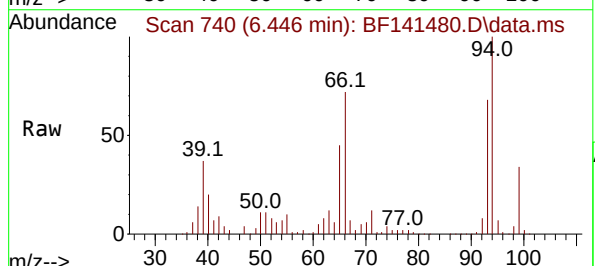
Tgt Ion: 94 Resp: 306753

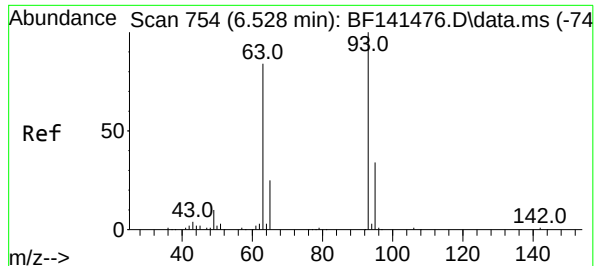
Ion Ratio Lower Upper

94 100

65 45.0 23.7 63.7

66 71.9 49.3 89.3

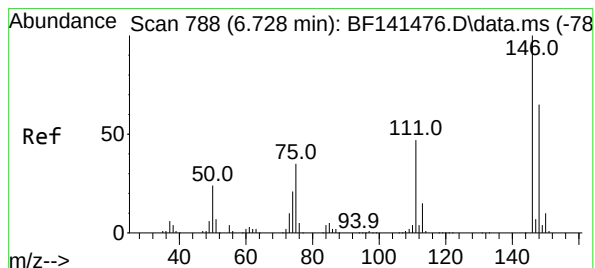
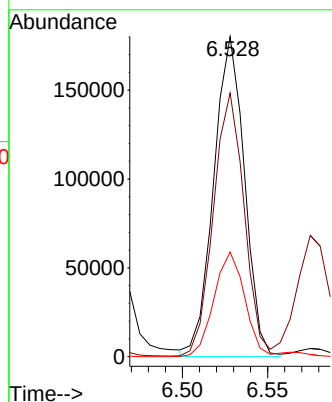
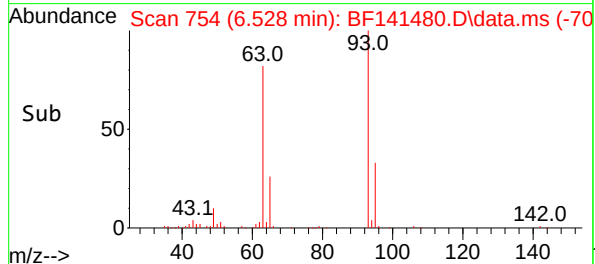
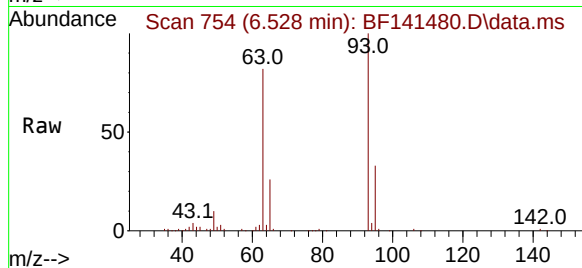




#11
bis(2-Chloroethyl)ether
Concen: 39.866 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

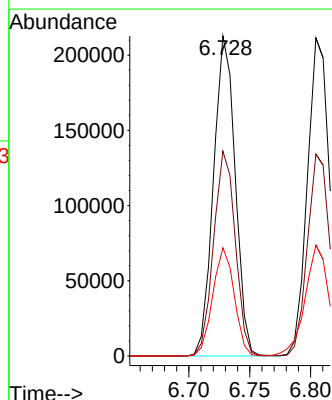
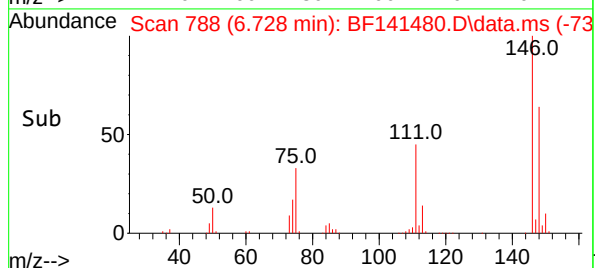
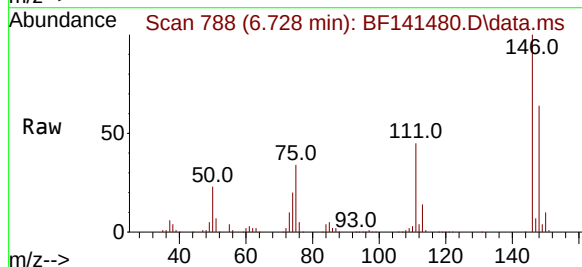
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

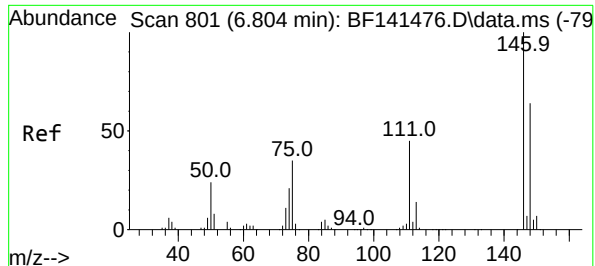
Tgt Ion: 93 Resp: 226152
Ion Ratio Lower Upper
93 100
63 82.4 62.0 102.0
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.317 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 146 Resp: 264052
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.911 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

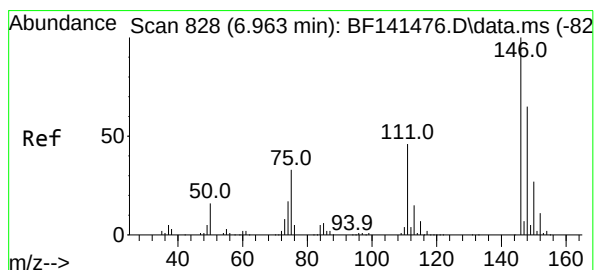
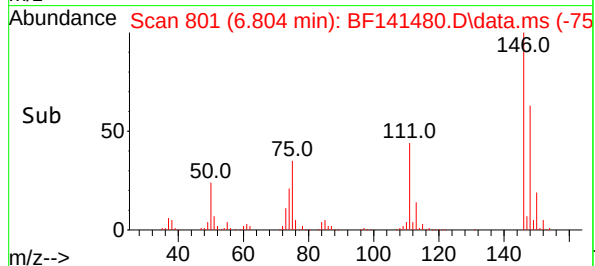
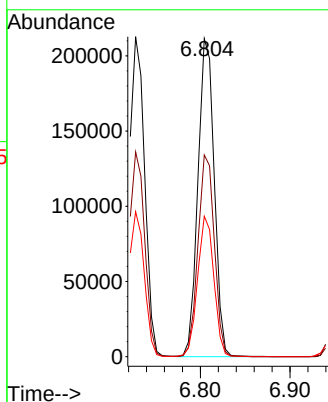
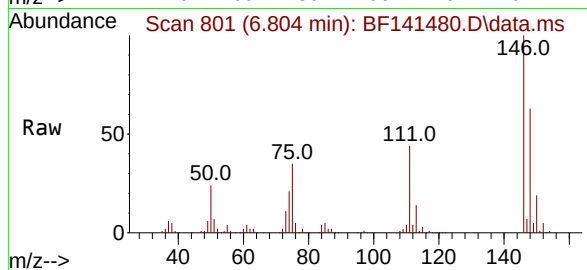
Tgt Ion:146 Resp: 267068

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

111 44.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 40.354 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

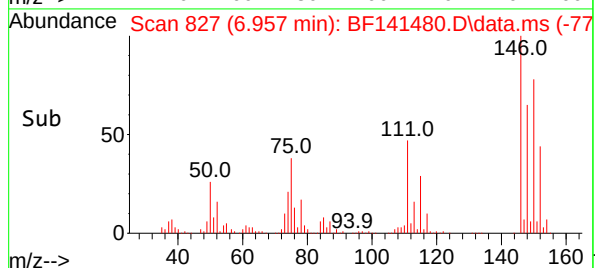
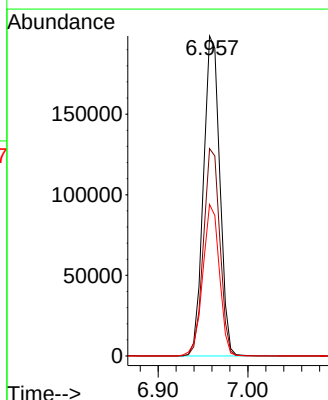
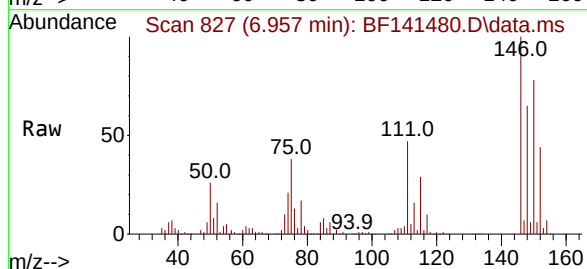
Tgt Ion:146 Resp: 250623

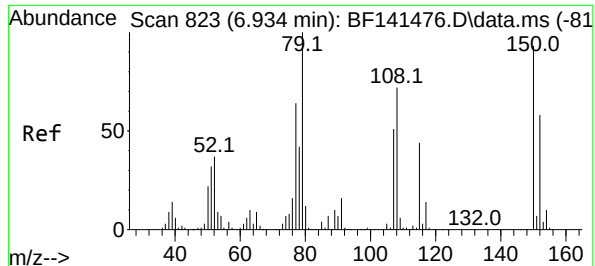
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

111 47.4 37.0 55.4

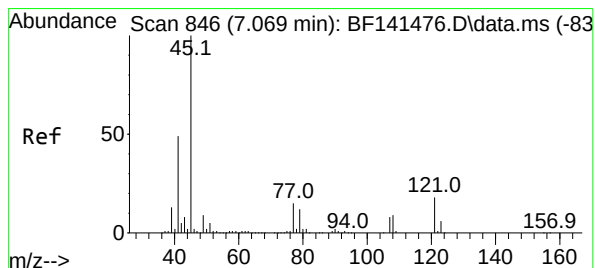
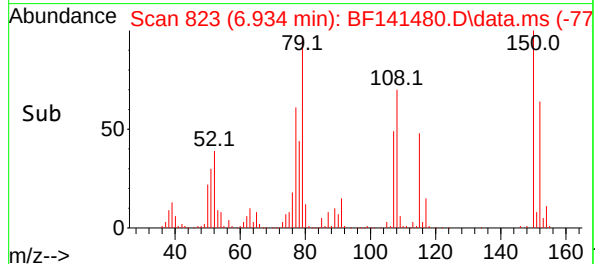
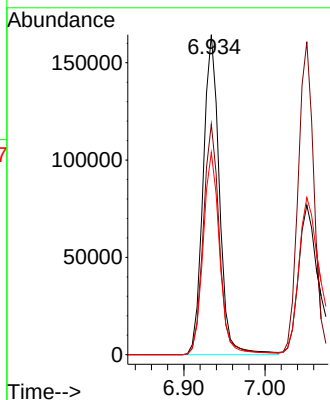
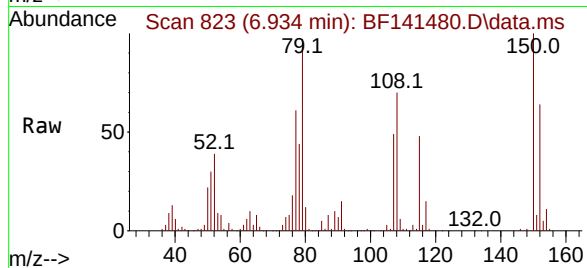




#15
Benzyl Alcohol
Concen: 41.041 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

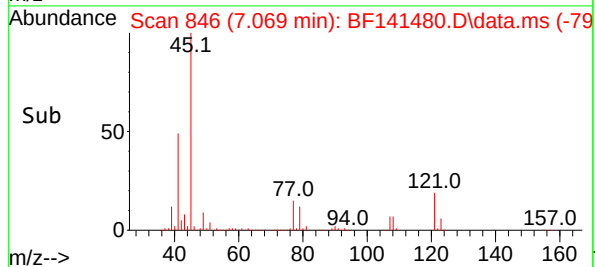
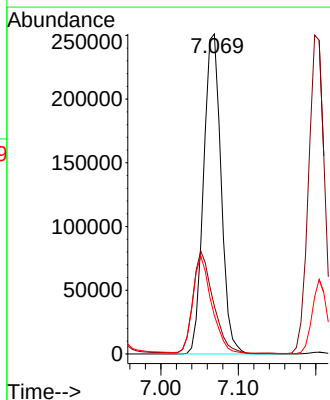
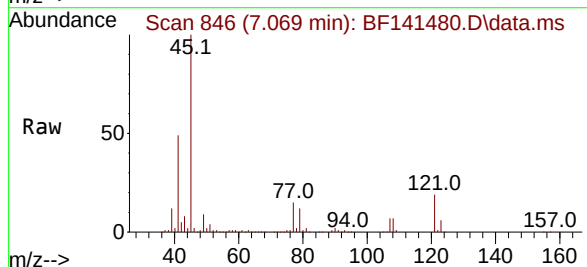
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

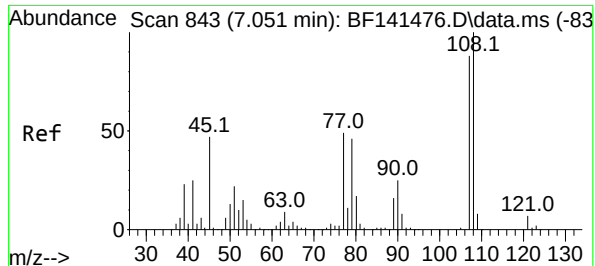
Tgt Ion: 79 Resp: 228379
Ion Ratio Lower Upper
79 100
108 72.0 57.4 86.2
77 63.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.535 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

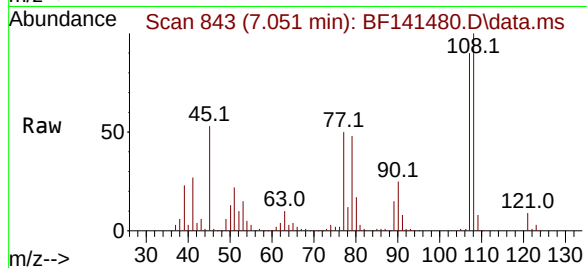
Tgt Ion: 45 Resp: 393626
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.8
79 12.0 0.0 32.7



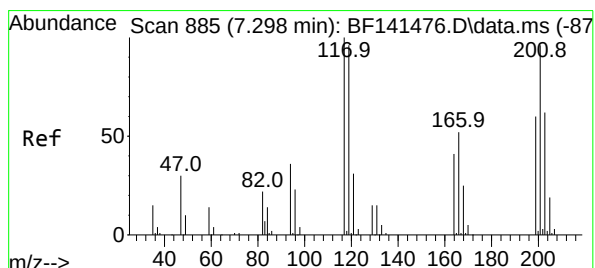
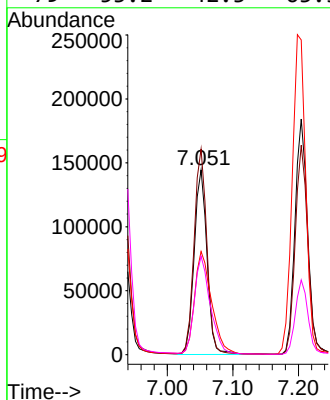
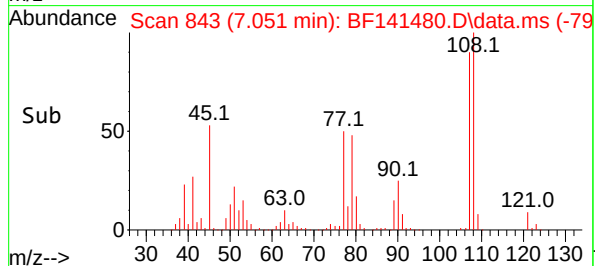


#17
2-Methylphenol
Concen: 40.768 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

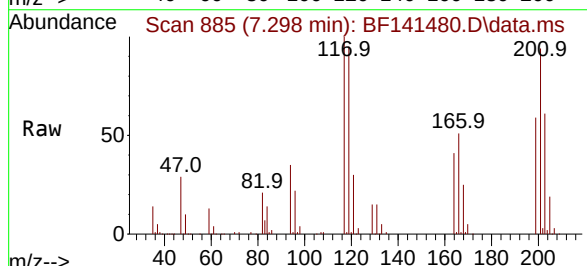
Instrument :
BNA_F
ClientSampleId :
ICVBF020625



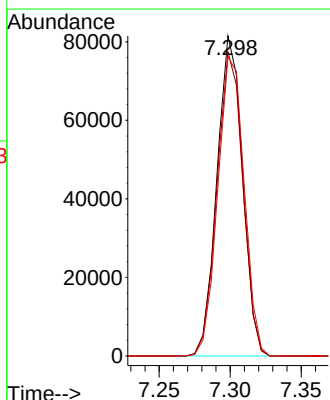
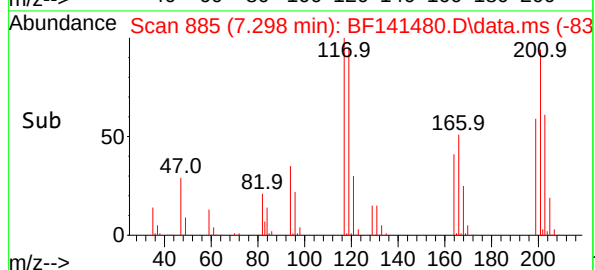
Tgt Ion:107 Resp: 197905
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 55.8 44.4 66.6
79 53.2 42.3 63.5

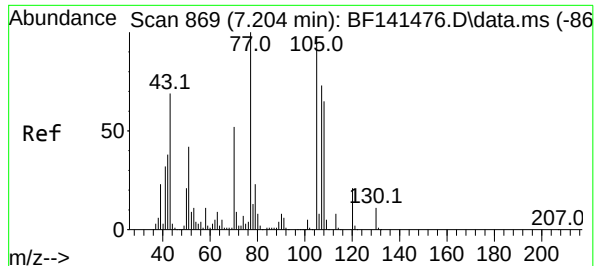


#18
Hexachloroethane
Concen: 41.061 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03



Tgt Ion:117 Resp: 101687
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7
201 93.5 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.048 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

Tgt Ion: 70 Resp: 173832

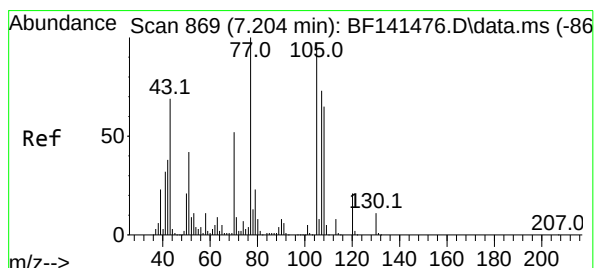
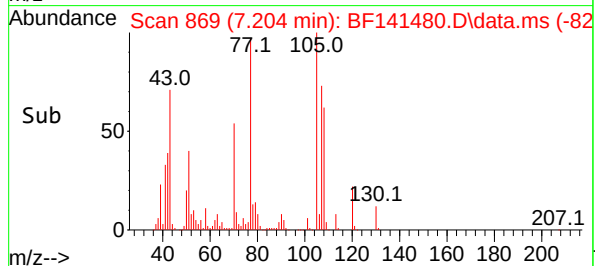
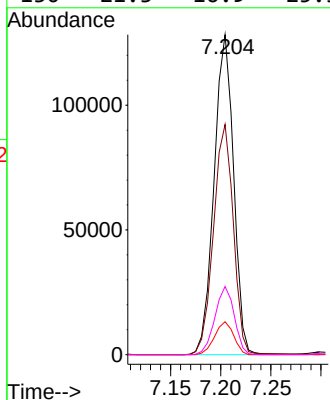
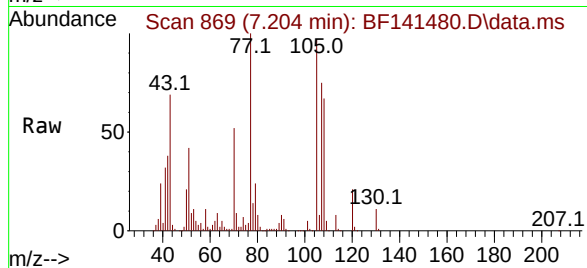
Ion Ratio Lower Upper

70 100

42 72.0 57.4 86.2

101 10.3 8.0 12.0

130 21.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.073 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion: 107 Resp: 247254

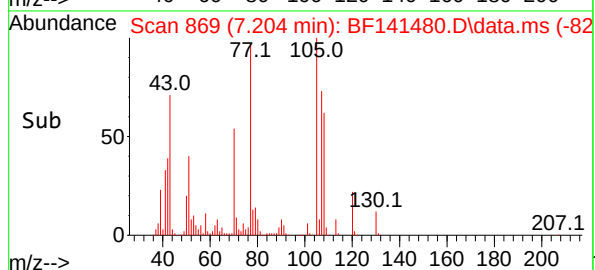
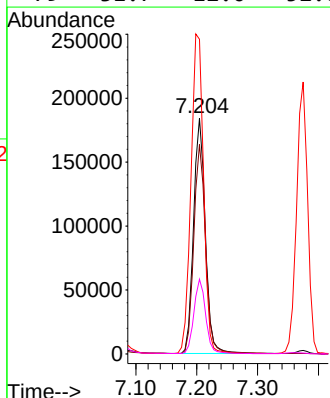
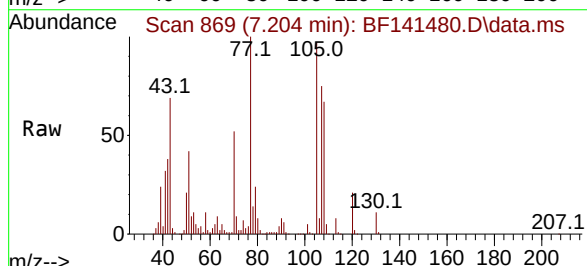
Ion Ratio Lower Upper

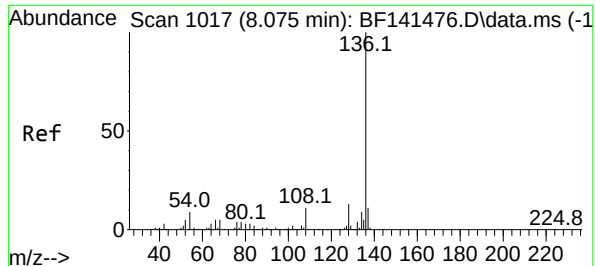
107 100

108 88.9 68.5 108.5

77 133.5 116.5 156.5

79 31.7 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

Tgt Ion:136 Resp: 362467

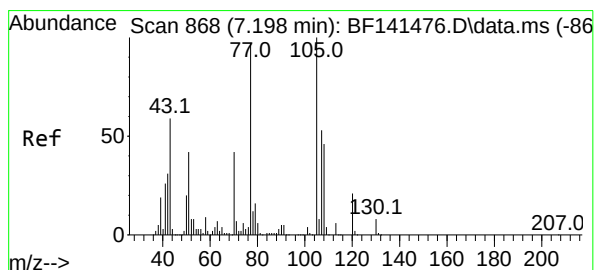
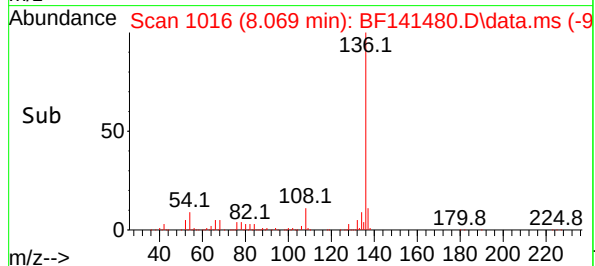
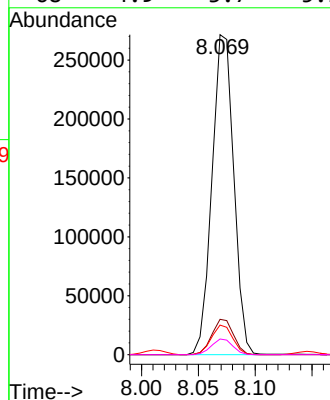
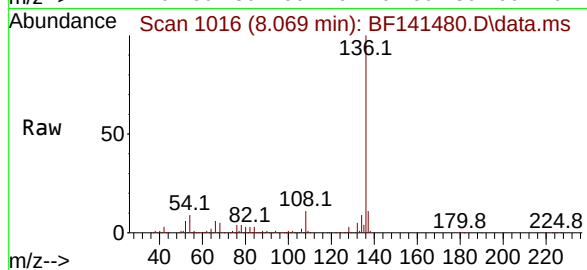
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.3 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 39.246 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion:105 Resp: 353867

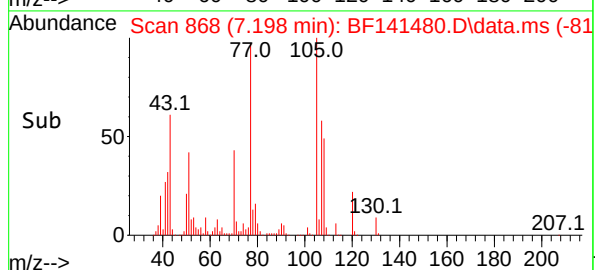
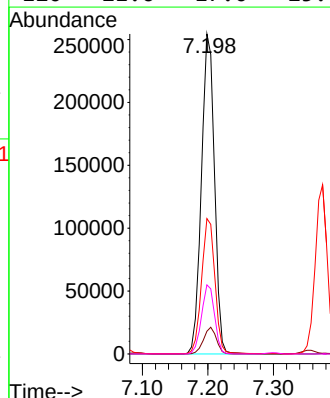
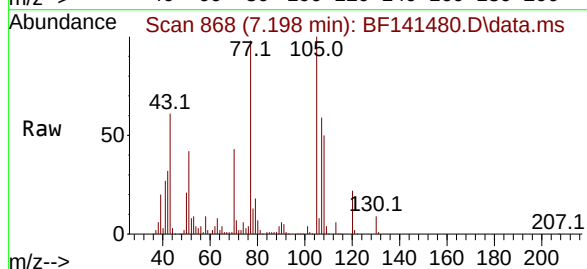
Ion Ratio Lower Upper

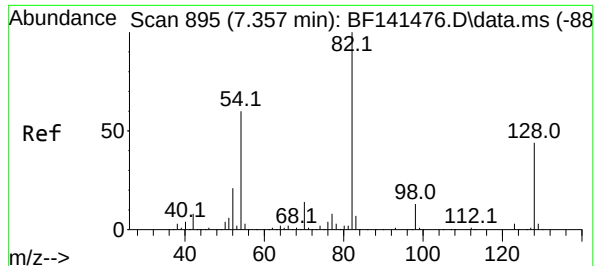
105 100

71 7.1 5.7 8.5

51 42.3 33.7 50.5

120 21.6 17.0 25.6

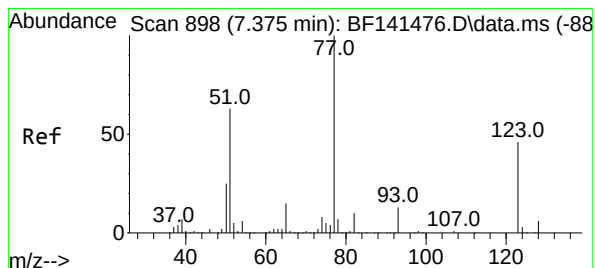
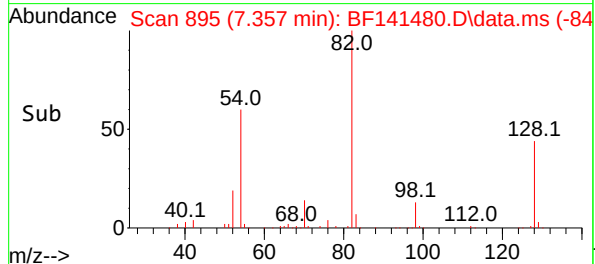
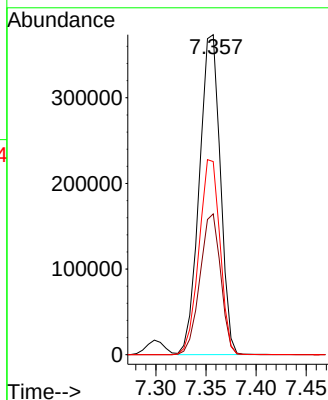
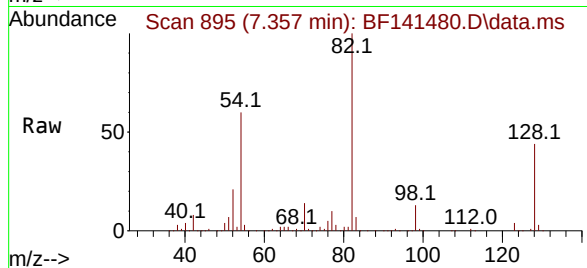




#23
Nitrobenzene-d5
Concen: 78.369 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

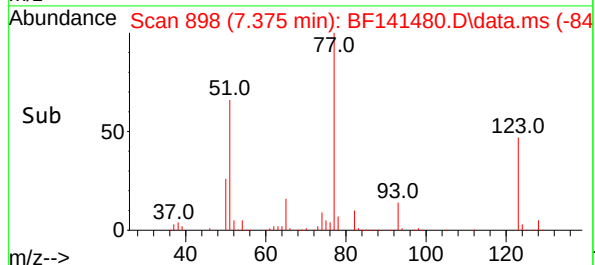
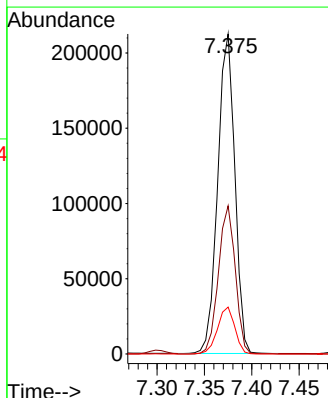
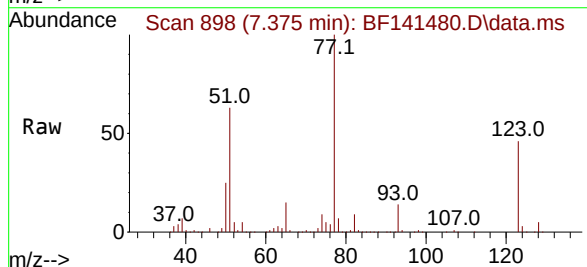
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

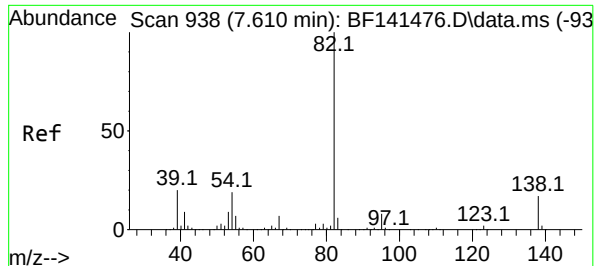
Tgt Ion: 82 Resp: 544613
Ion Ratio Lower Upper
82 100
128 44.0 34.8 52.2
54 60.4 48.2 72.4



#24
Nitrobenzene
Concen: 39.429 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 77 Resp: 267193
Ion Ratio Lower Upper
77 100
123 46.3 36.9 55.3
65 14.6 11.9 17.9

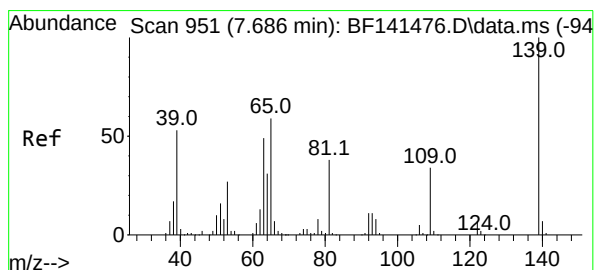
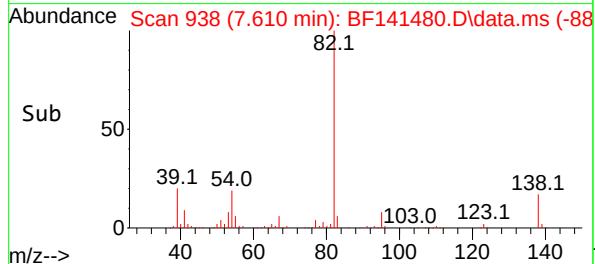
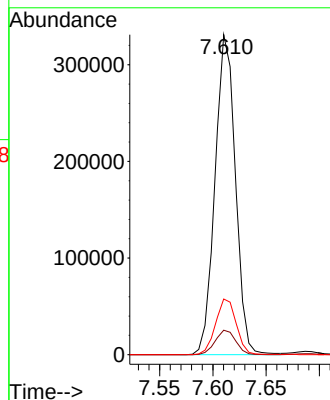
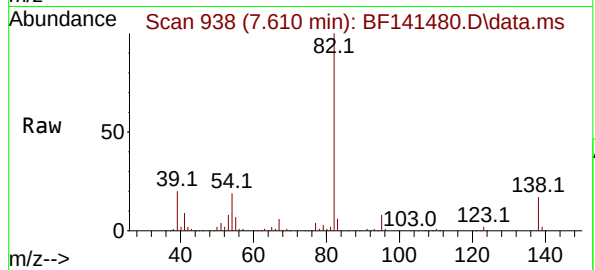




#25
Isophorone
Concen: 39.767 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

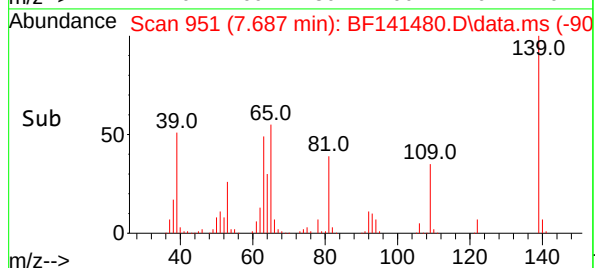
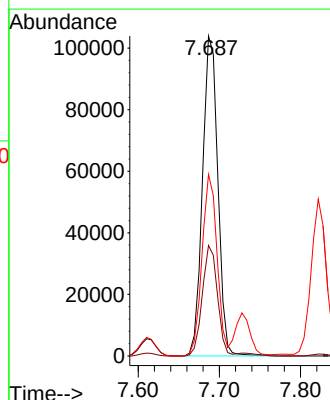
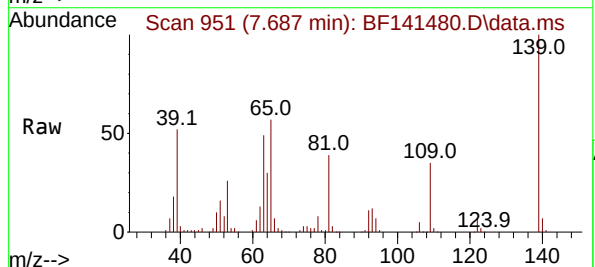
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

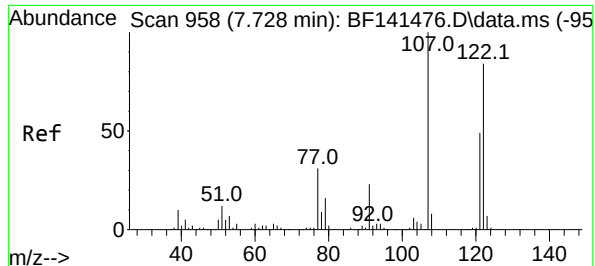
Tgt Ion: 82 Resp: 440640
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 40.413 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 139 Resp: 136248
Ion Ratio Lower Upper
139 100
109 34.6 27.0 40.6
65 56.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 39.924 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

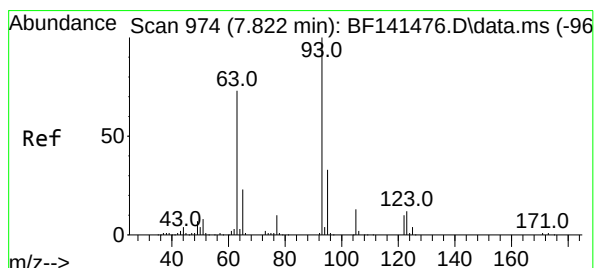
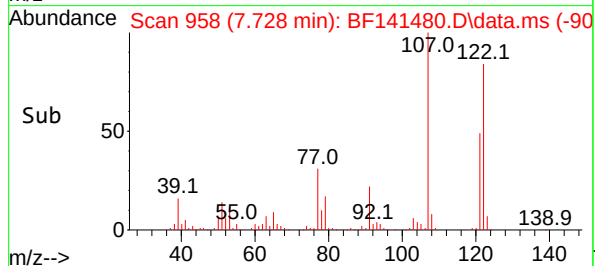
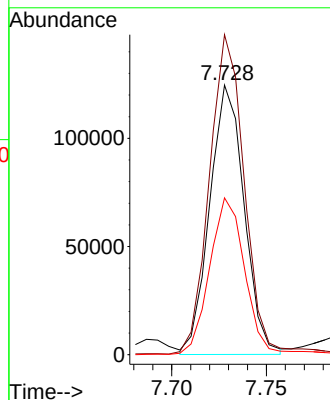
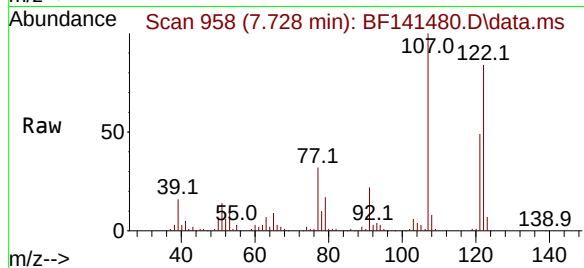
Tgt Ion:122 Resp: 157242

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.822 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

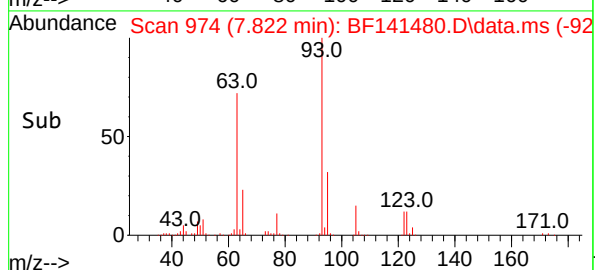
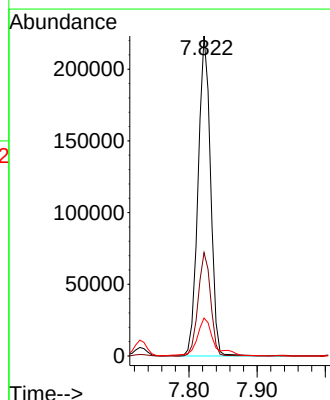
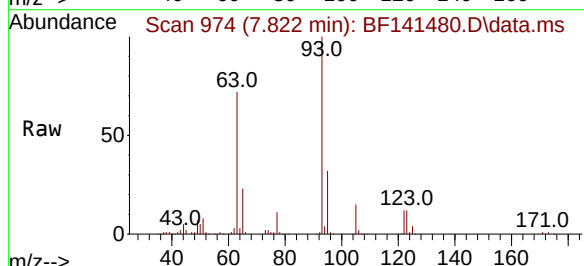
Tgt Ion: 93 Resp: 282744

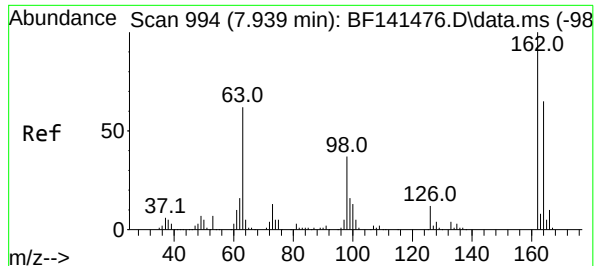
Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 39.818 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

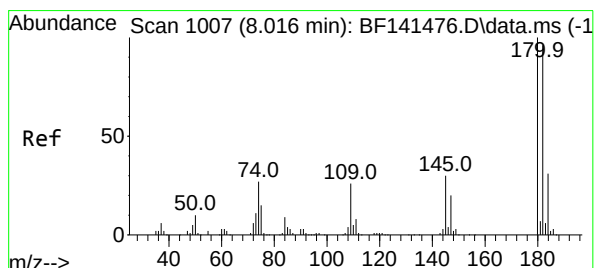
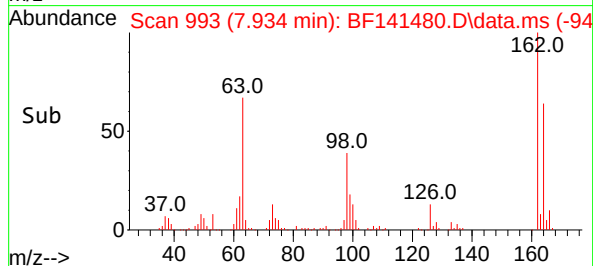
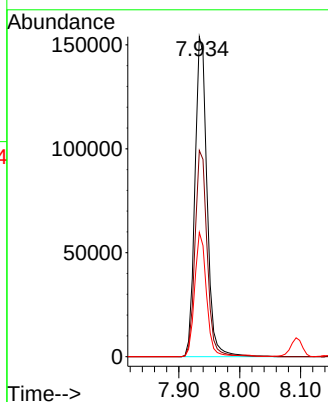
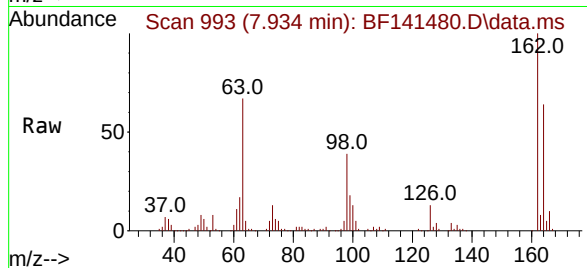
Tgt Ion:162 Resp: 211891

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

98 38.9 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.237 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

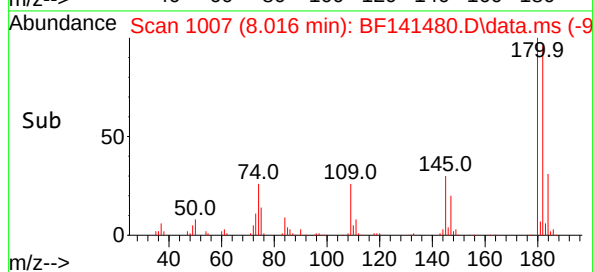
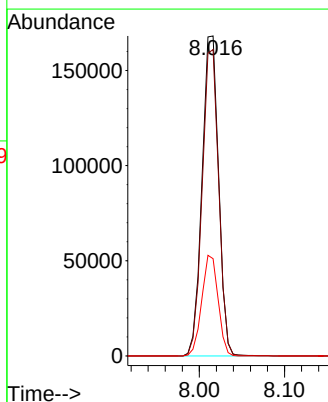
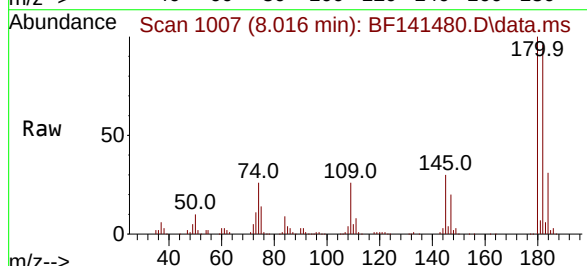
Tgt Ion:180 Resp: 227379

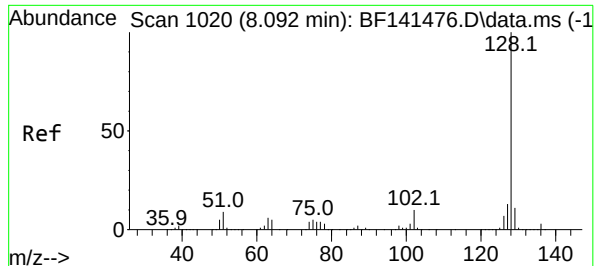
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

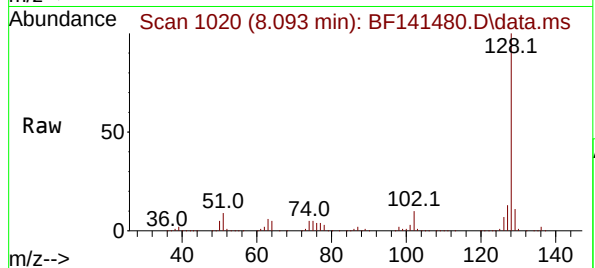
145 30.4 24.2 36.4



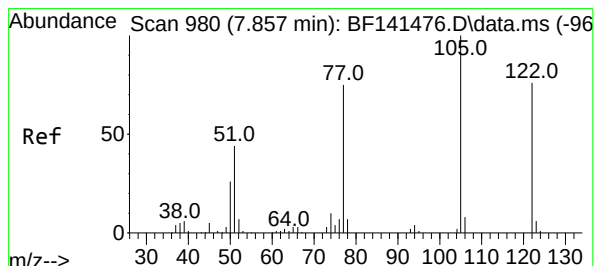
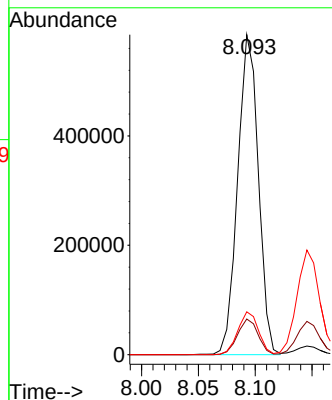
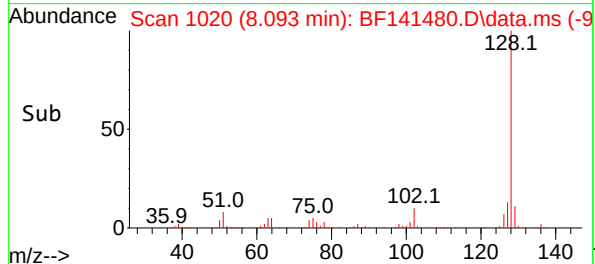


#31
Naphthalene
Concen: 39.287 ng
RT: 8.093 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

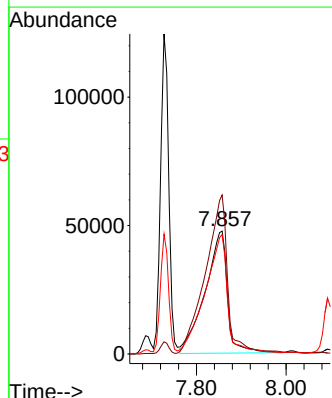
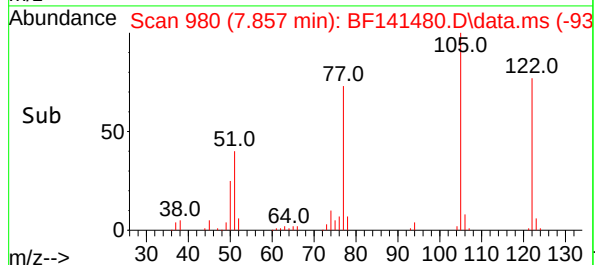
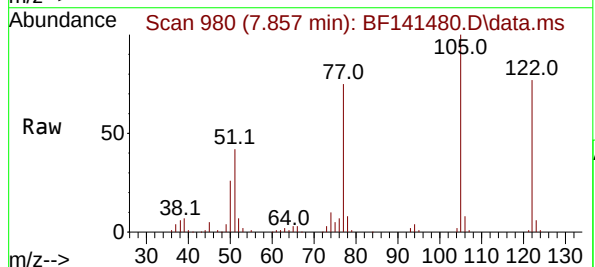


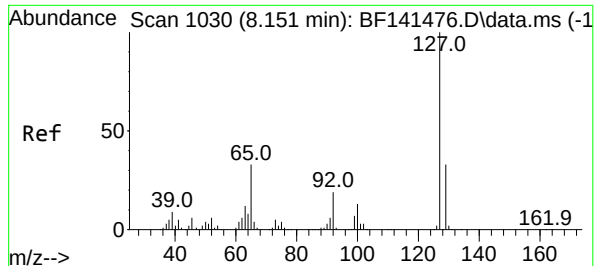
Tgt Ion:128 Resp: 741255
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 40.324 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:122 Resp: 164966
Ion Ratio Lower Upper
122 100
105 129.3 106.5 146.5
77 97.2 76.3 116.3





#33

4-Chloroaniline

Concen: 40.680 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

Tgt Ion:127 Resp: 267977

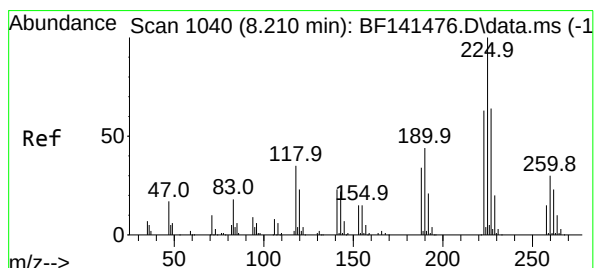
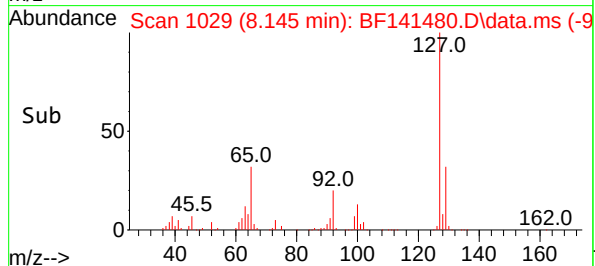
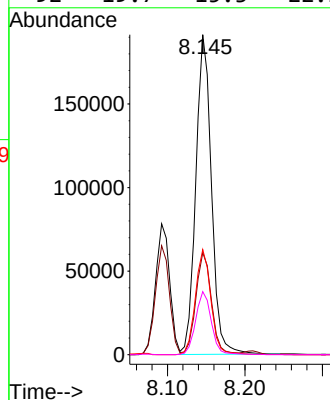
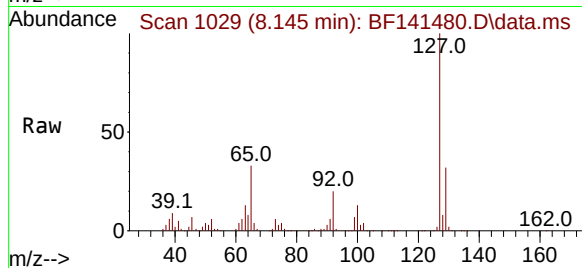
Ion Ratio Lower Upper

127 100

129 31.9 26.5 39.7

65 32.9 26.4 39.6

92 19.7 15.3 22.9



#34

Hexachlorobutadiene

Concen: 40.144 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

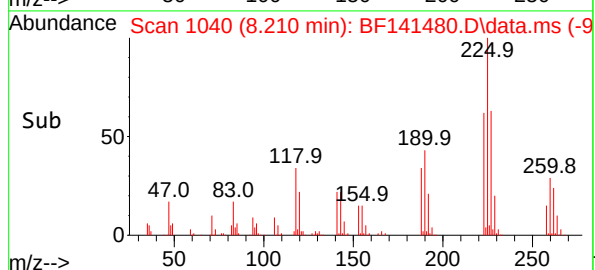
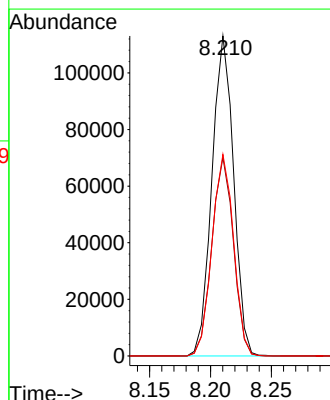
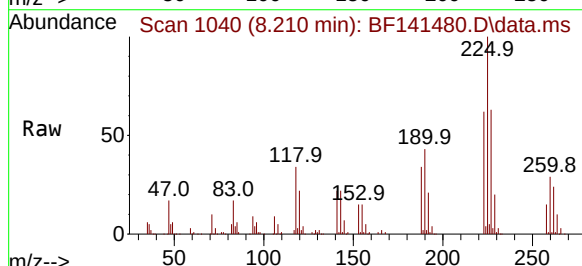
Tgt Ion:225 Resp: 139658

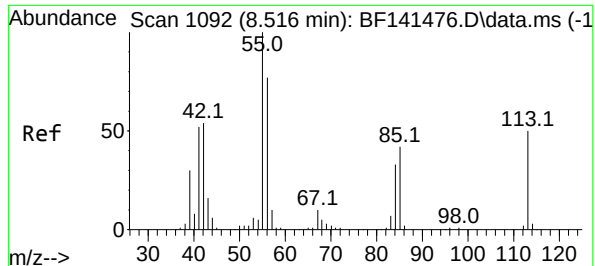
Ion Ratio Lower Upper

225 100

223 62.0 50.1 75.1

227 63.0 51.0 76.6

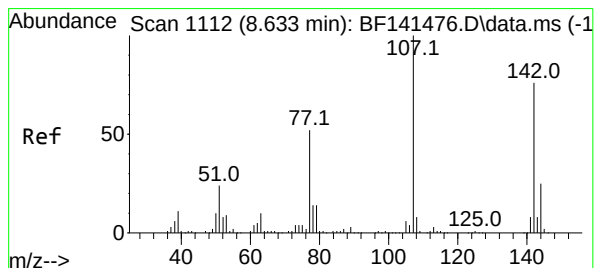
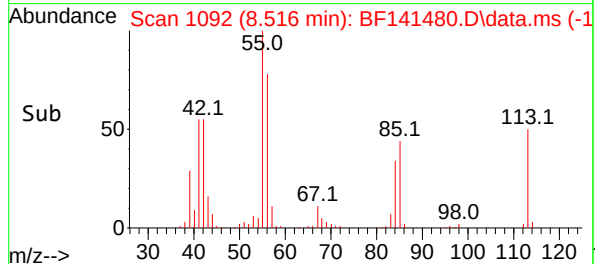
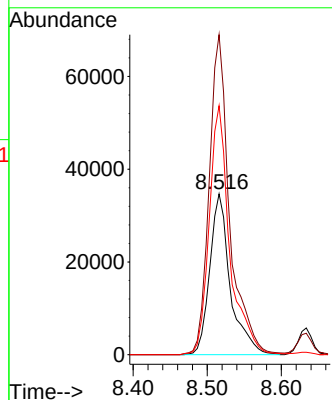
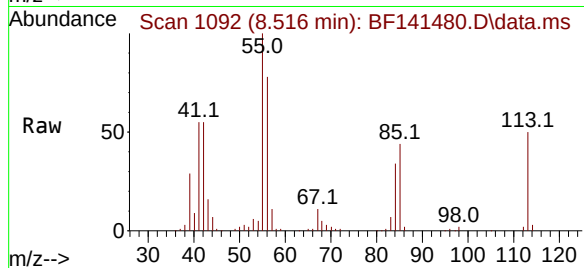




#35
Caprolactam
Concen: 41.104 ng
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

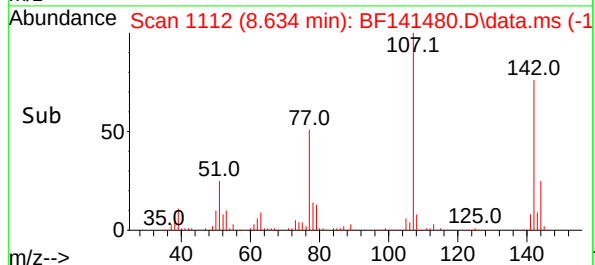
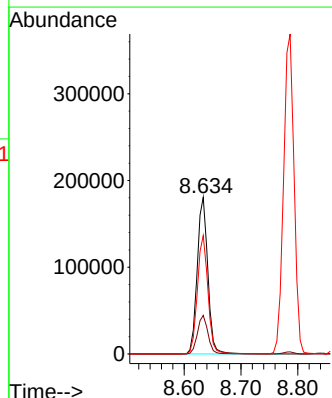
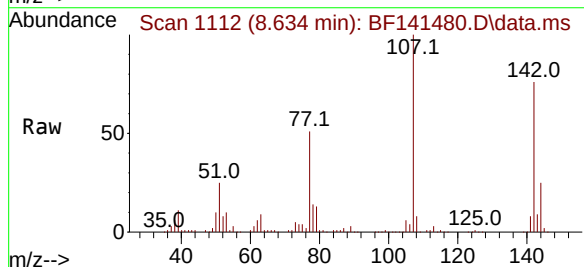
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

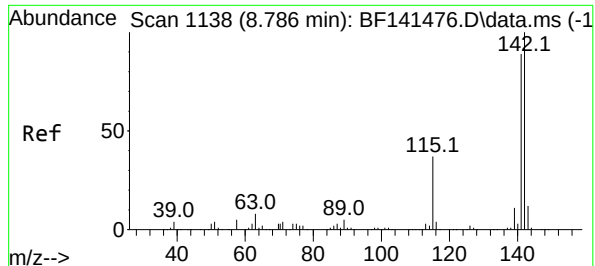
Tgt Ion	Ratio	Lower	Upper
113	100		
55	199.0	180.8	220.8
56	154.8	133.6	173.6



#36
4-Chloro-3-methylphenol
Concen: 40.006 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.7	29.5
142	75.6	60.8	91.2

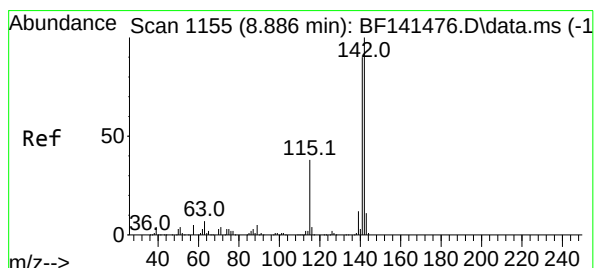
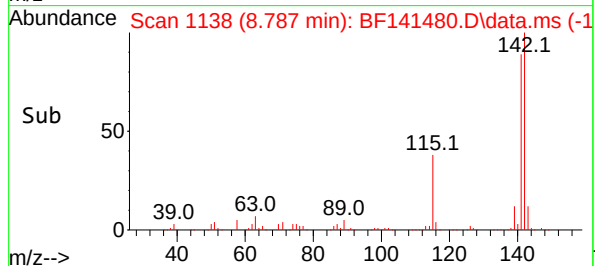
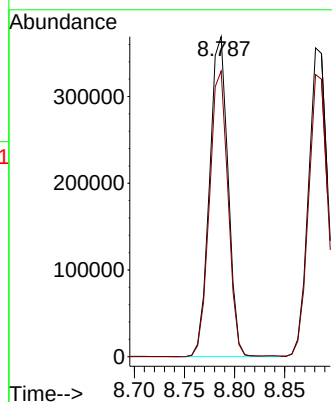
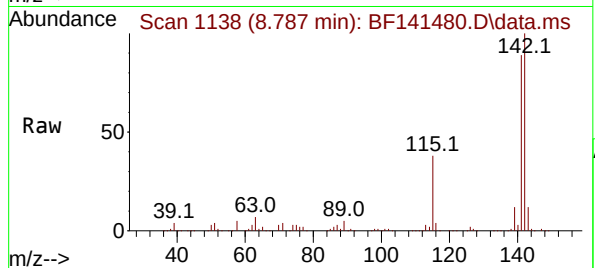




#37
2-Methylnaphthalene
Concen: 38.710 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

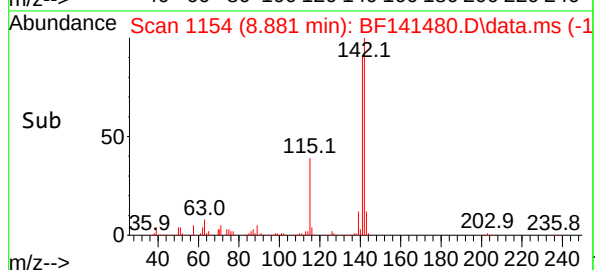
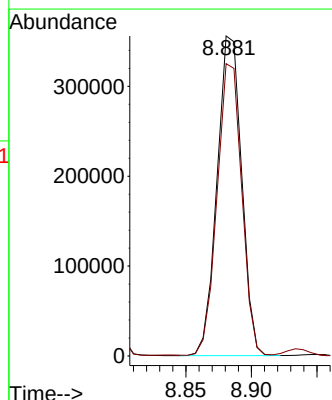
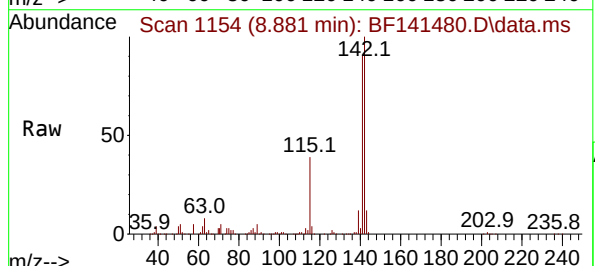
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

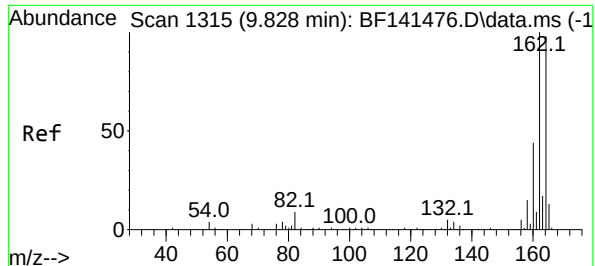
Tgt Ion:142 Resp: 475273
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.049 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:142 Resp: 464346
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

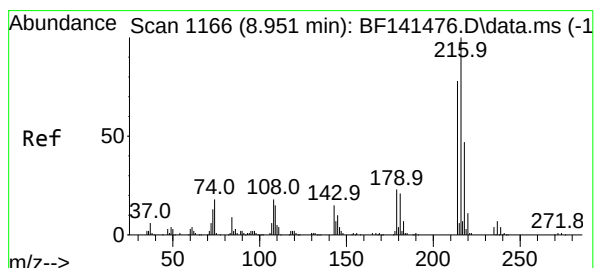
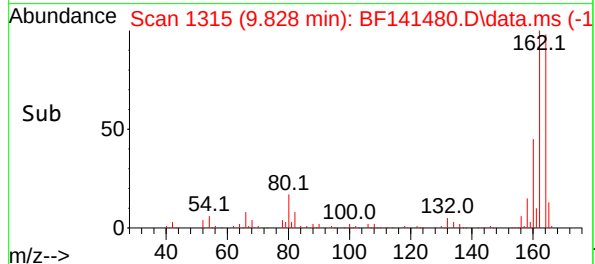
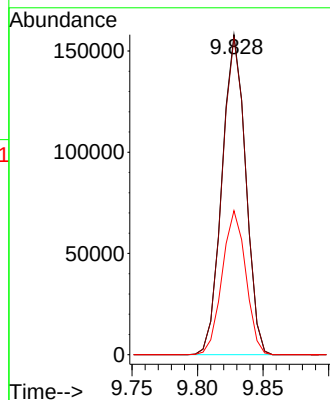
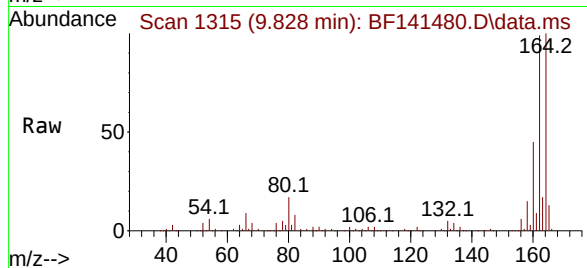
Tgt Ion:164 Resp: 197991

Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

160 45.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.182 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion:216 Resp: 230166

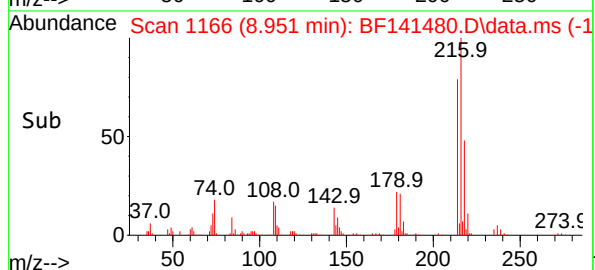
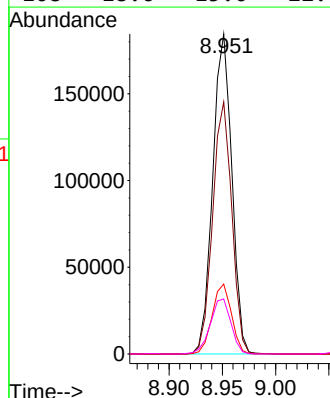
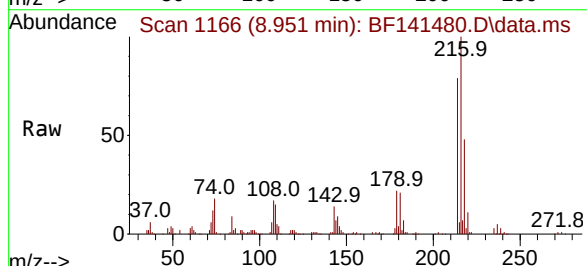
Ion Ratio Lower Upper

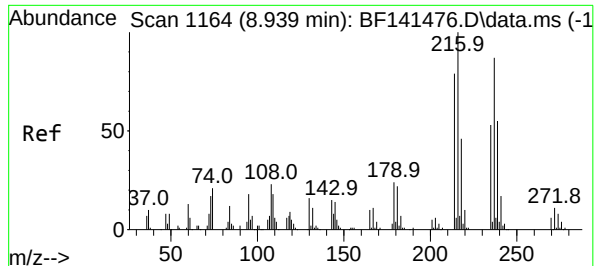
216 100

214 78.9 62.3 93.5

179 22.1 18.0 27.0

108 18.6 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 38.754 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.005 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

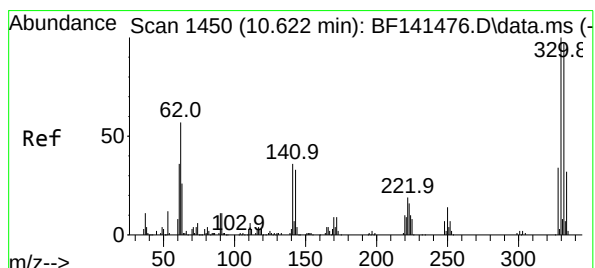
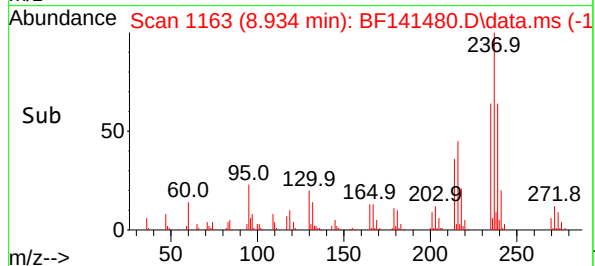
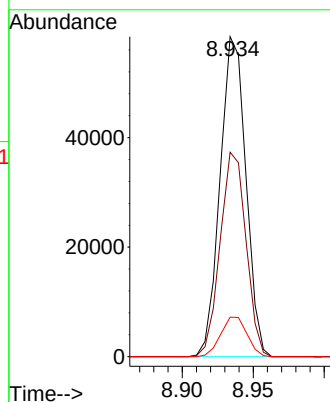
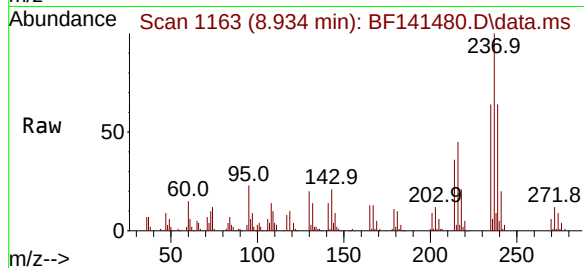
Tgt Ion:237 Resp: 73834

Ion Ratio Lower Upper

237 100

235 63.9 41.4 81.4

272 12.4 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 79.490 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.005 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

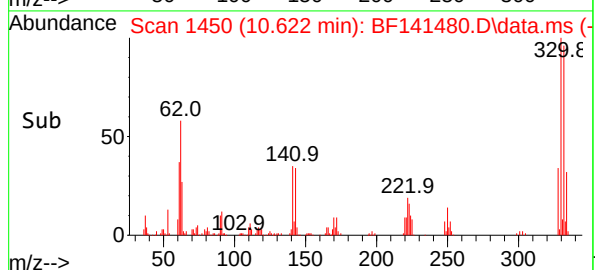
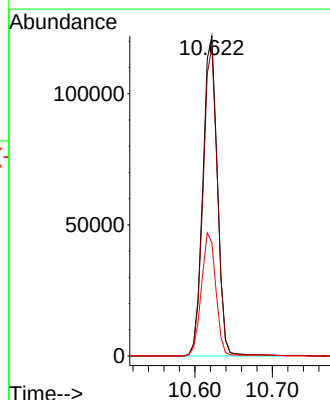
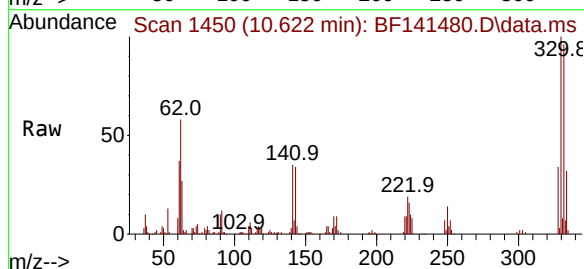
Tgt Ion:330 Resp: 158098

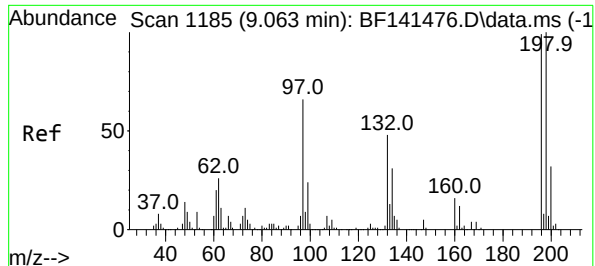
Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 38.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.914 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

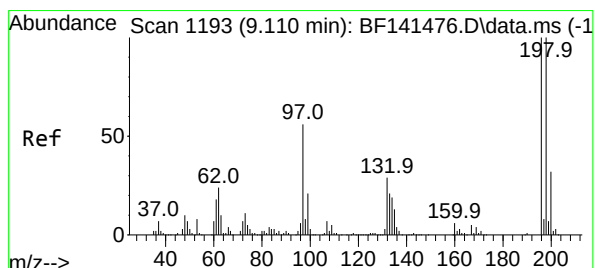
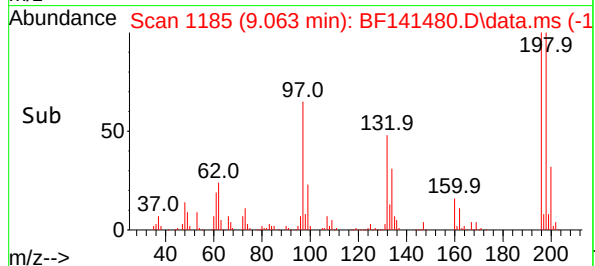
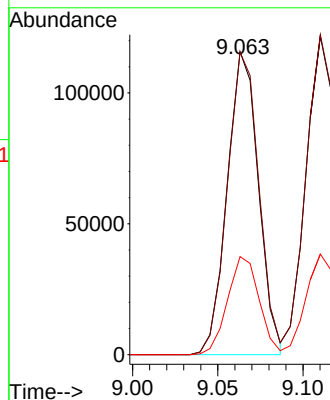
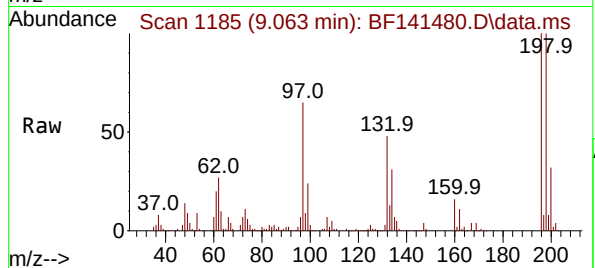
Tgt Ion:196 Resp: 147770

Ion Ratio Lower Upper

196 100

198 99.8 80.6 121.0

200 32.3 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.108 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Tgt Ion:196 Resp: 160926

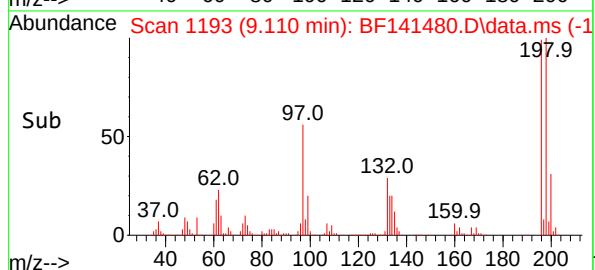
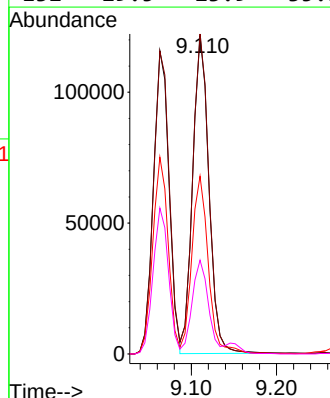
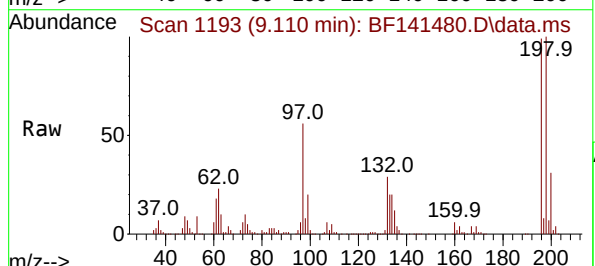
Ion Ratio Lower Upper

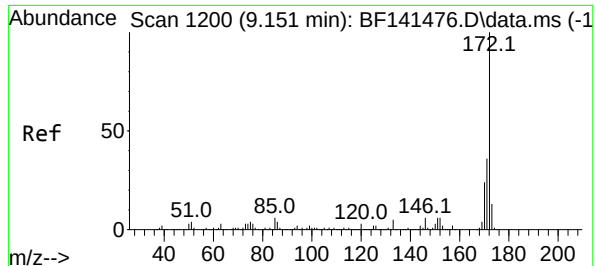
196 100

198 100.5 79.8 119.8

97 55.8 44.8 67.2

132 29.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 78.786 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

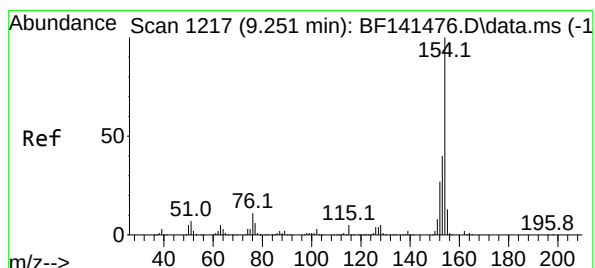
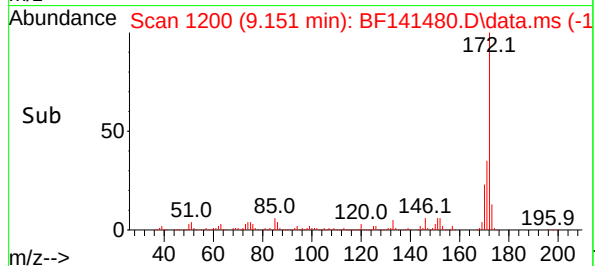
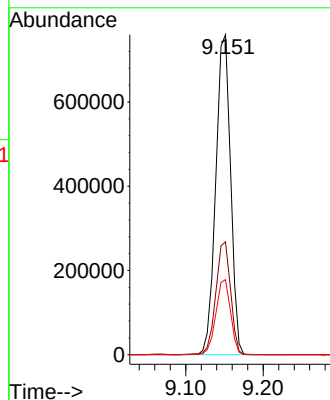
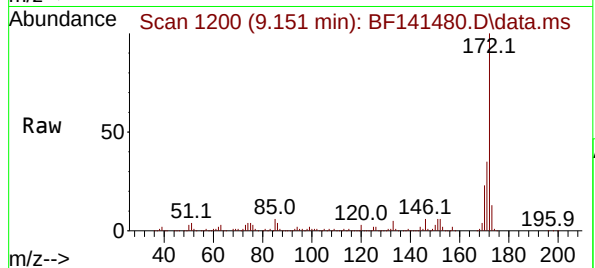
Tgt Ion:172 Resp: 1012492

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 39.519 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

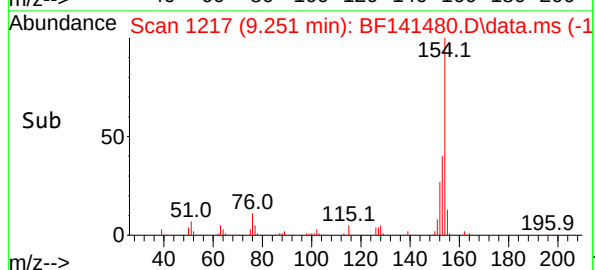
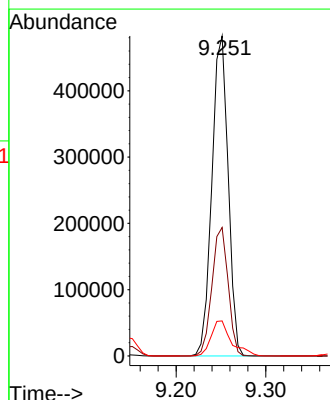
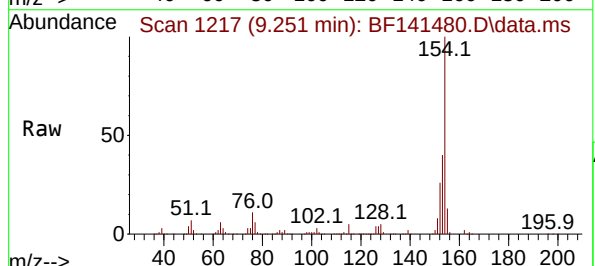
Tgt Ion:154 Resp: 606611

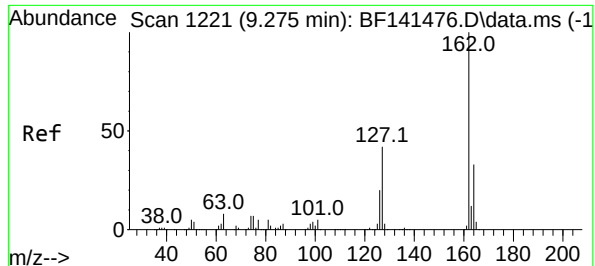
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.453 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

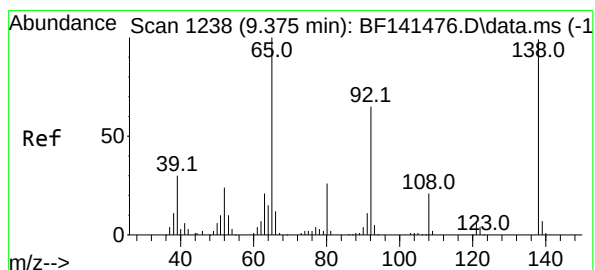
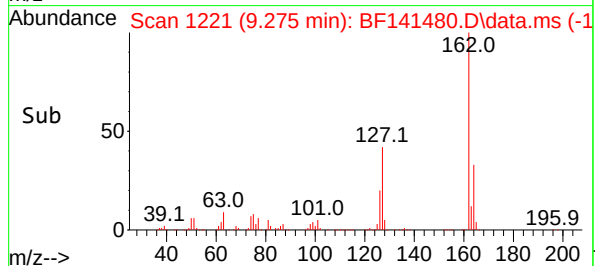
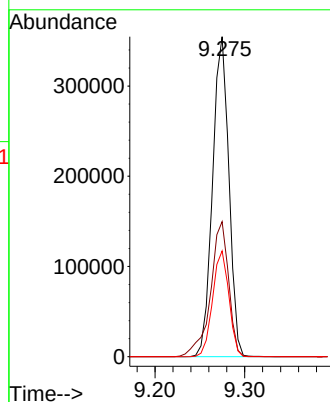
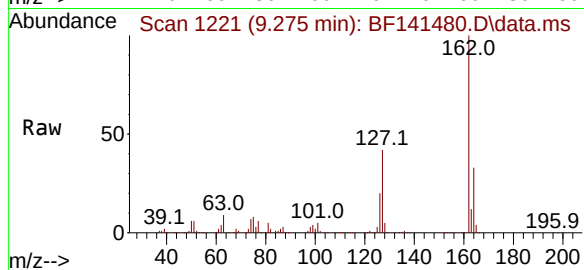
Tgt Ion:162 Resp: 447817

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 33.1 26.3 39.5



#48

2-Nitroaniline

Concen: 40.451 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

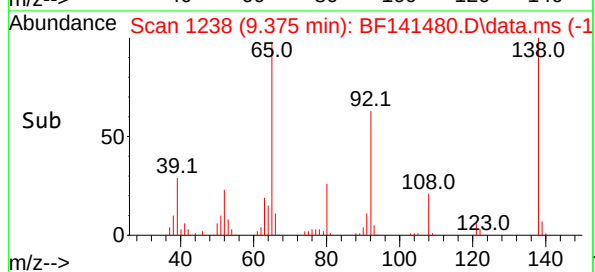
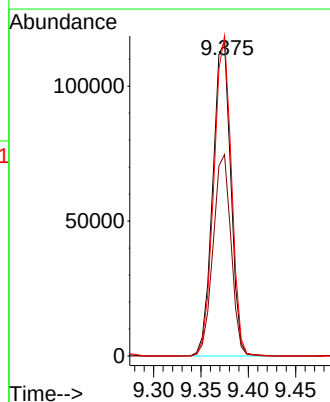
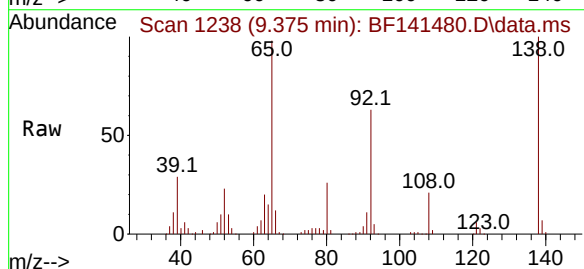
Tgt Ion: 65 Resp: 154092

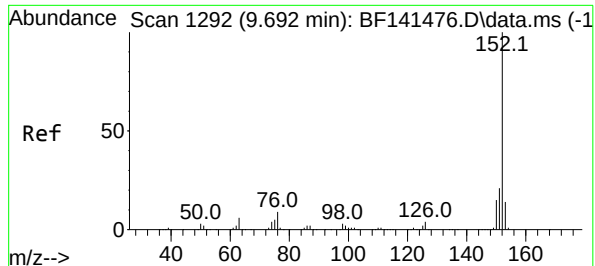
Ion Ratio Lower Upper

65 100

92 64.2 52.2 78.2

138 101.9 79.5 119.3





#49

Acenaphthylene

Concen: 39.734 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

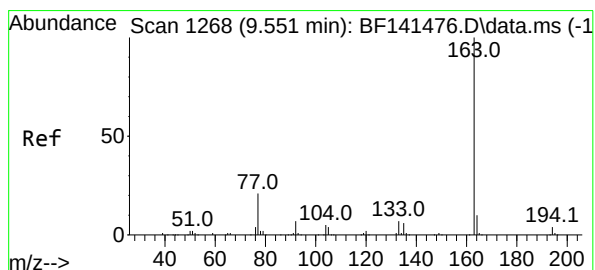
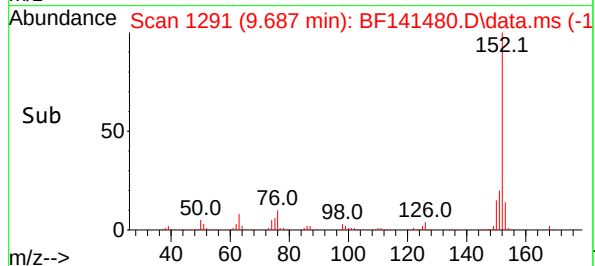
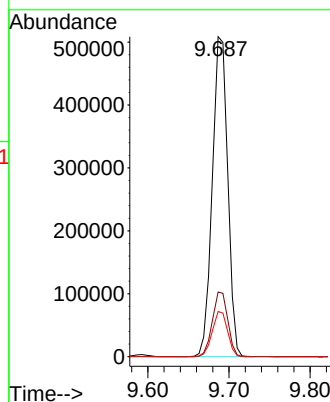
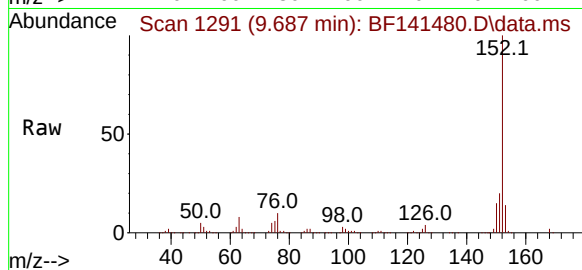
Tgt Ion:152 Resp: 670833

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 39.488 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.011 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

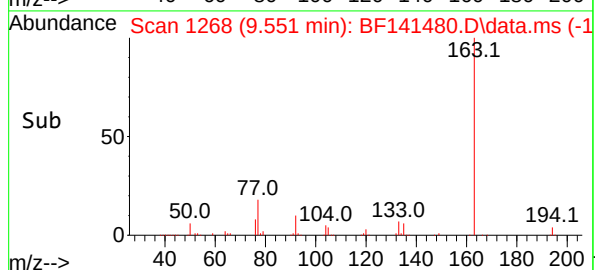
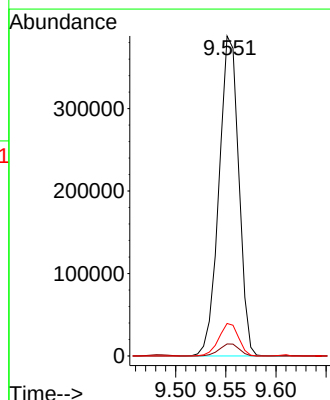
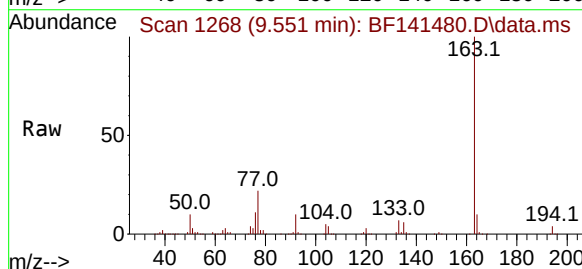
Tgt Ion:163 Resp: 530769

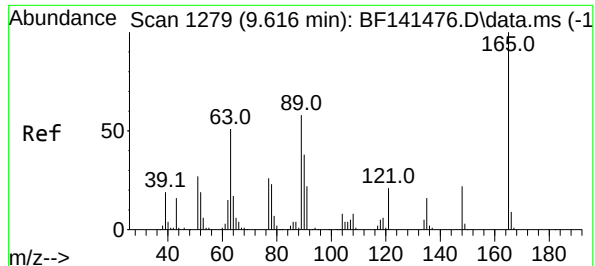
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.965 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

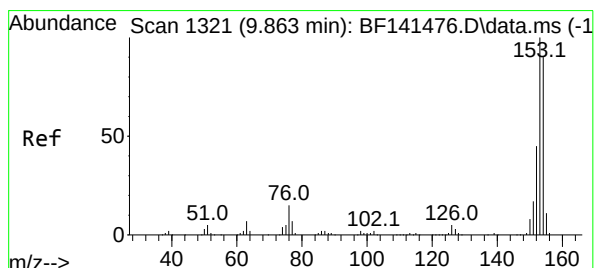
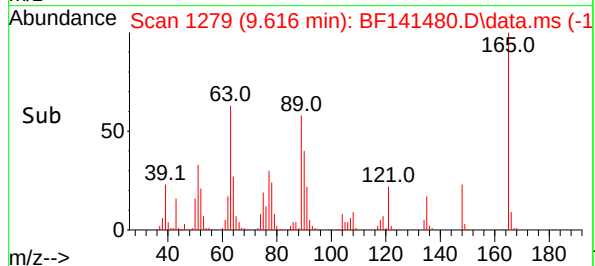
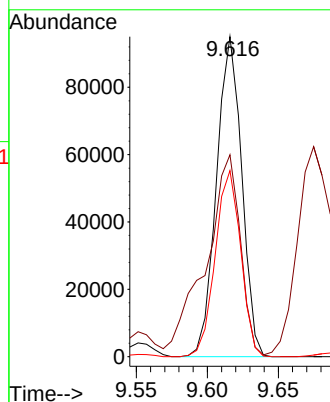
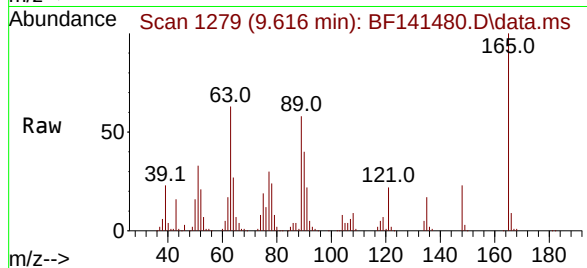
Tgt Ion:165 Resp: 117431

Ion Ratio Lower Upper

165 100

63 63.1 49.4 74.0

89 58.2 46.5 69.7



#52

Acenaphthene

Concen: 39.893 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

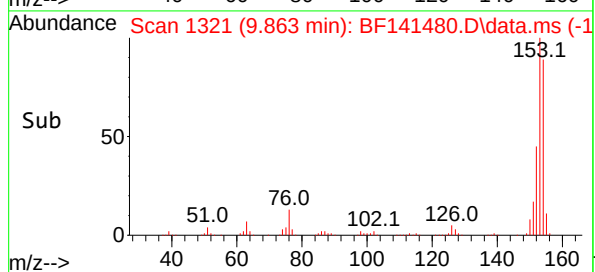
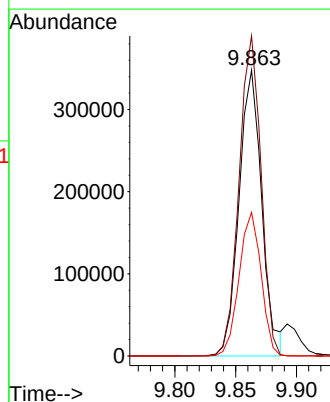
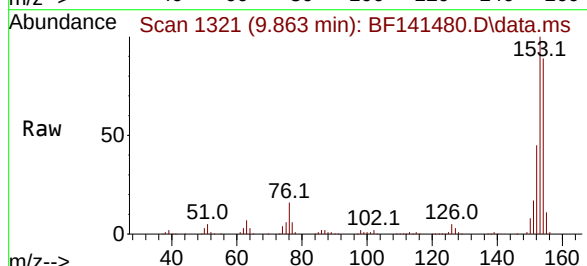
Tgt Ion:154 Resp: 452794

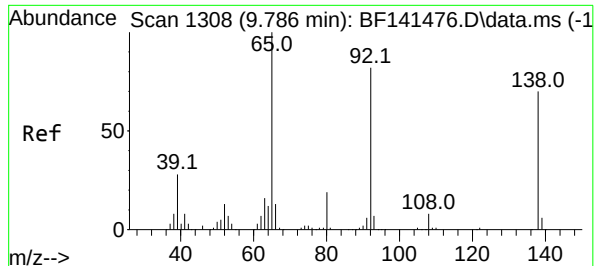
Ion Ratio Lower Upper

154 100

153 112.0 89.2 133.8

152 50.2 39.8 59.8

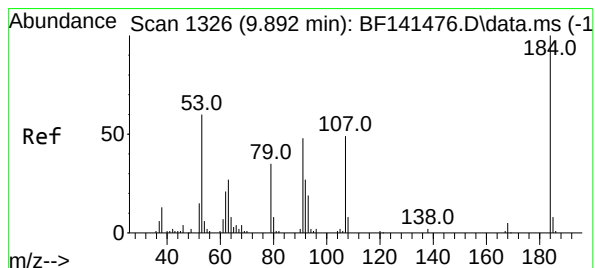
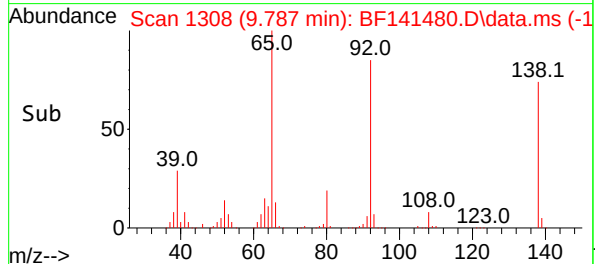
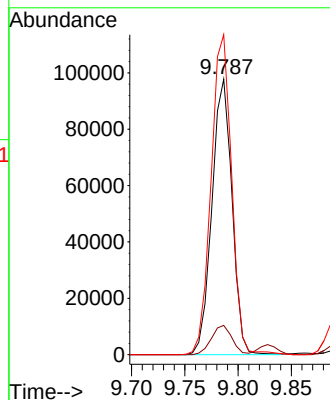
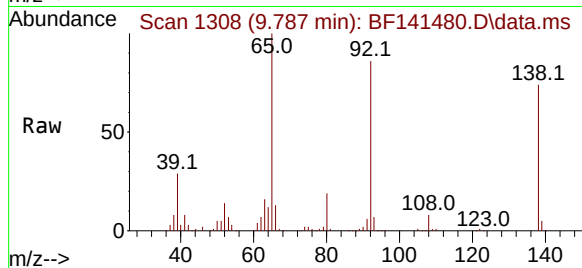




#53
3-Nitroaniline
Concen: 40.463 ng
RT: 9.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

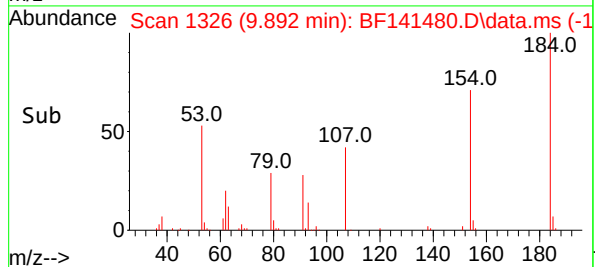
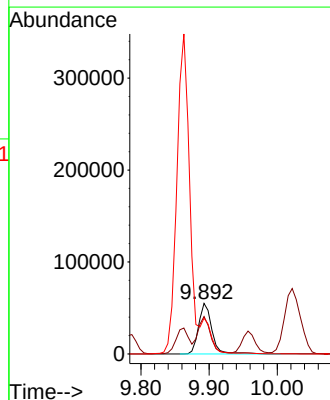
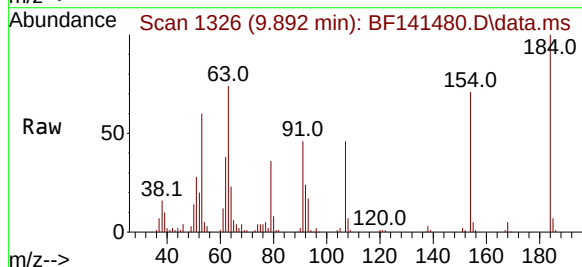
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

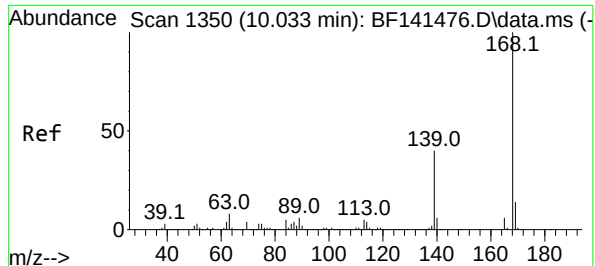
Tgt Ion:138 Resp: 127965
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 116.2 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 42.639 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:184 Resp: 74461
Ion Ratio Lower Upper
184 100
63 74.2 61.0 91.6
154 71.0 59.9 89.9





#55

Dibenzenofuran

Concen: 39.860 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.005 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

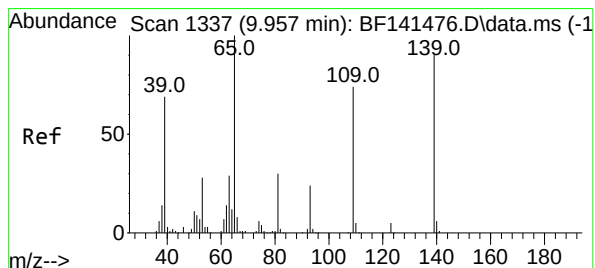
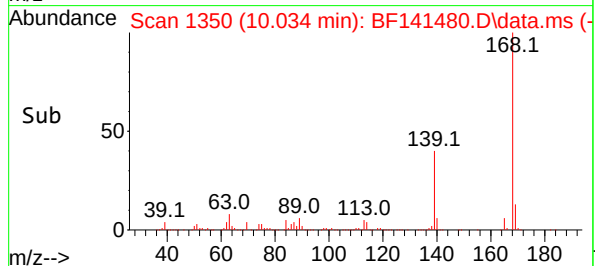
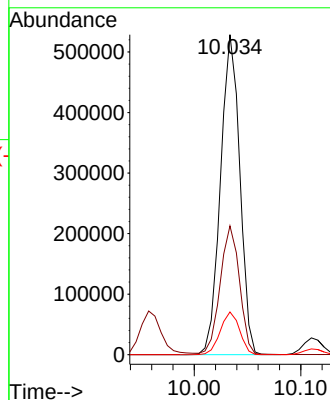
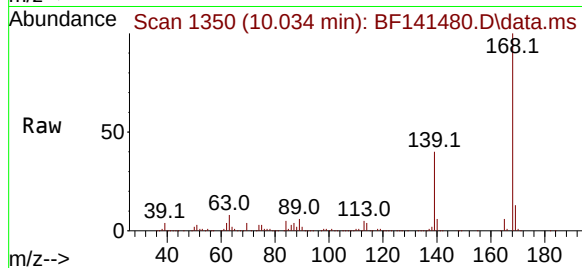
Tgt Ion:168 Resp: 664069

Ion Ratio Lower Upper

168 100

139 40.2 32.7 49.1

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 42.166 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

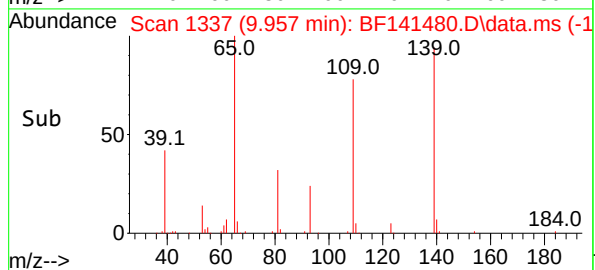
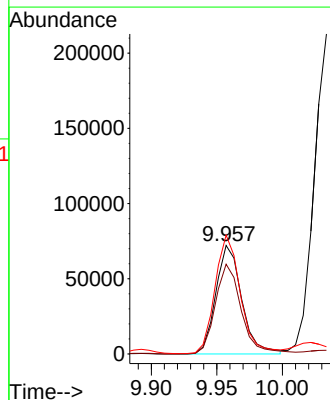
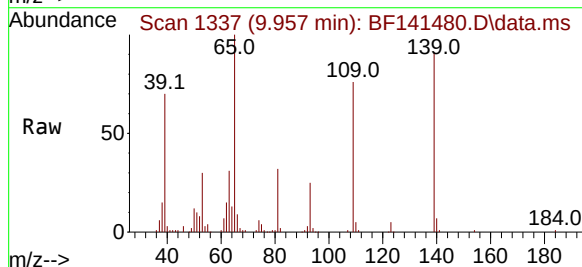
Tgt Ion:139 Resp: 98990

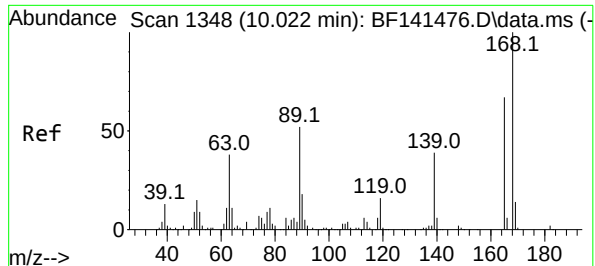
Ion Ratio Lower Upper

139 100

109 82.7 62.0 102.0

65 109.5 91.2 131.2

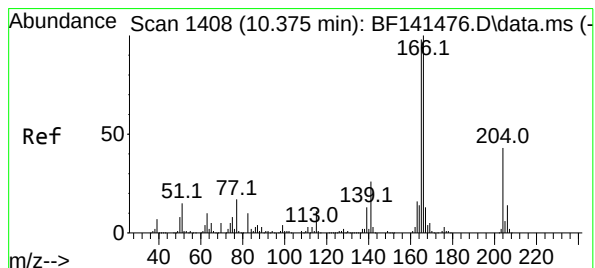
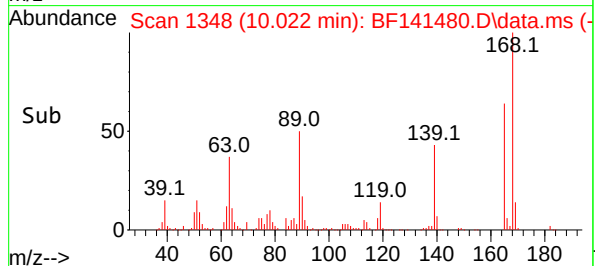
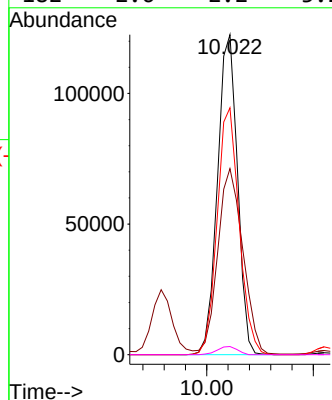
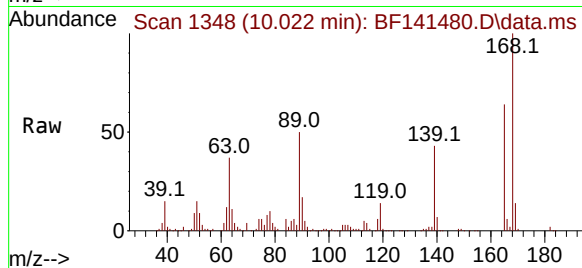




#57
2,4-Dinitrotoluene
Concen: 40.633 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

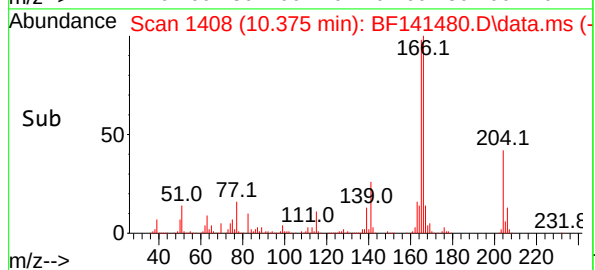
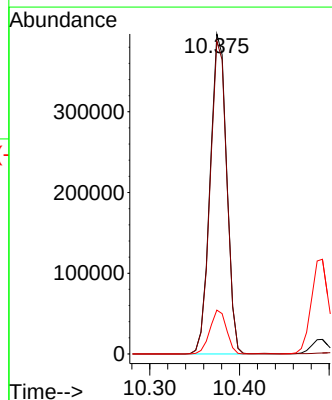
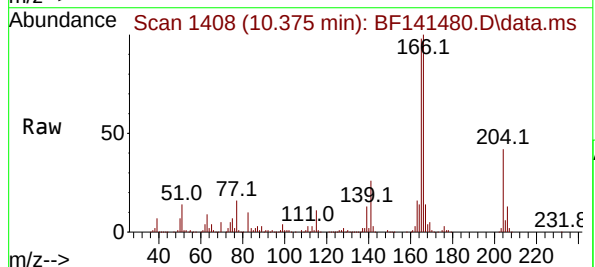
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

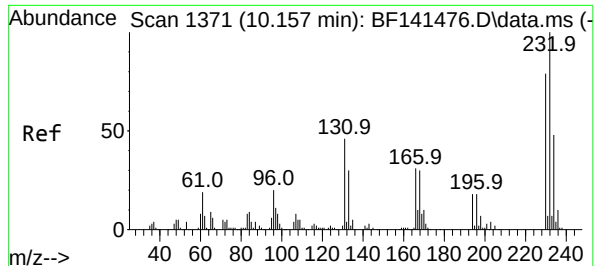
Tgt Ion:165 Resp: 158941
Ion Ratio Lower Upper
165 100
63 58.1 46.4 69.6
89 77.2 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 39.501 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:166 Resp: 508833
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.7 10.7 16.1

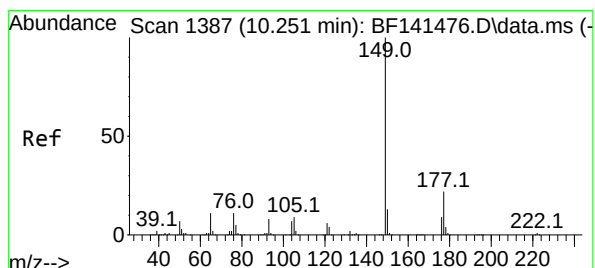
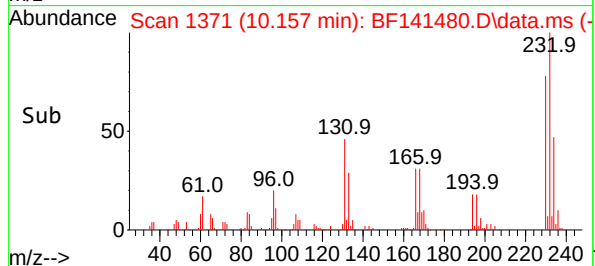
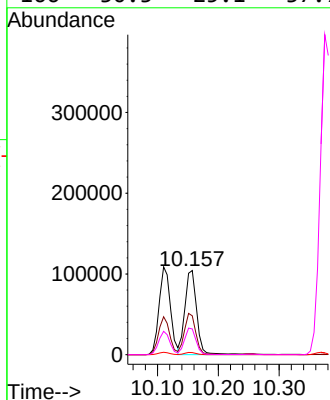
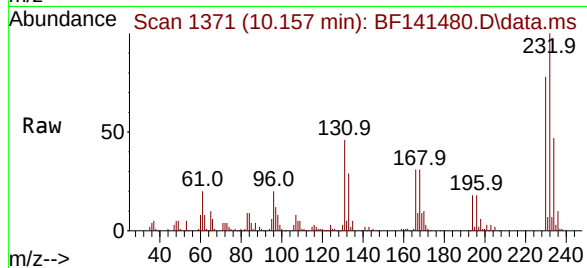




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.438 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

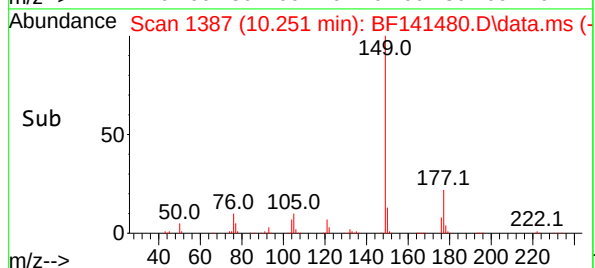
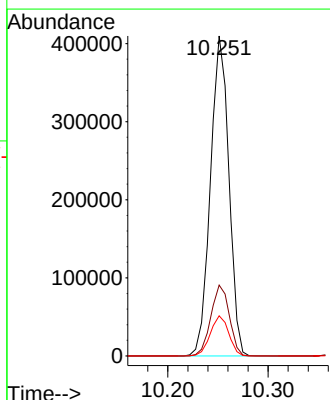
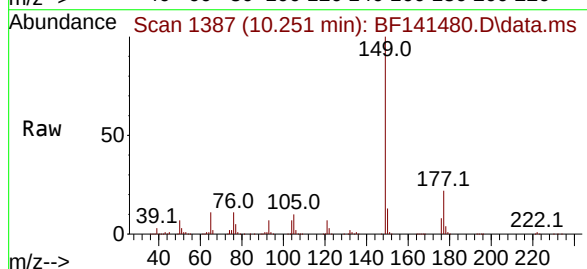
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

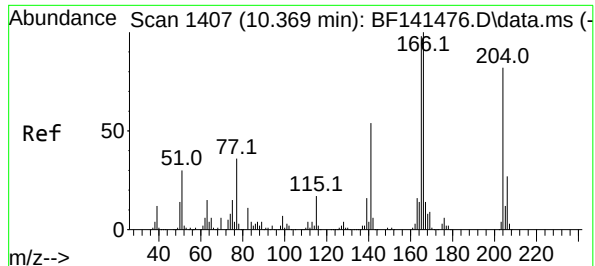
Tgt Ion:232 Resp: 139688
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.6 2.1 3.1
166 30.3 25.1 37.7



#60
Diethylphthalate
Concen: 39.467 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:149 Resp: 521933
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.6 10.1 15.1

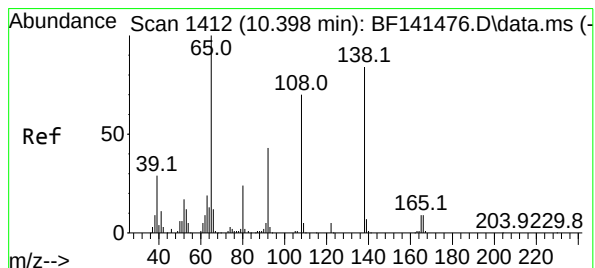
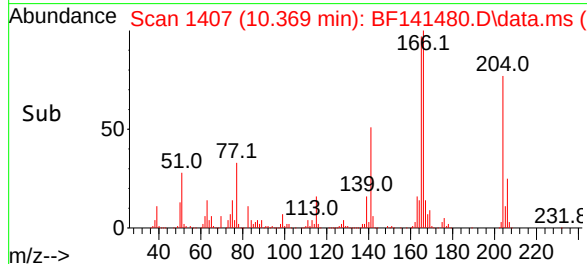
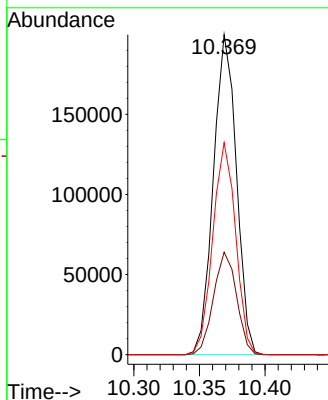
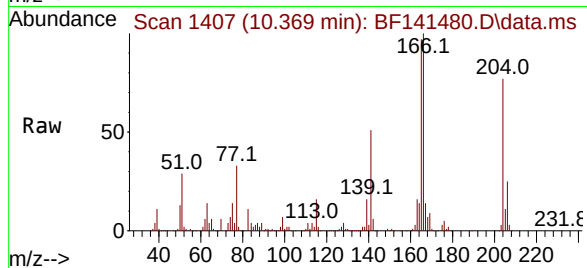




#61
4-Chlorophenyl-phenylether
Concen: 39.318 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

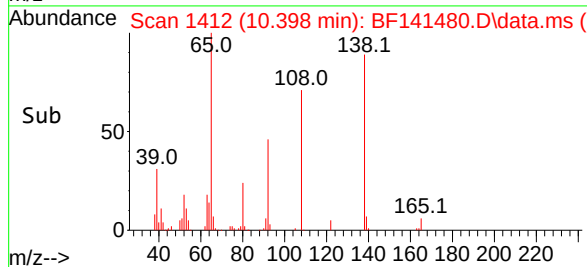
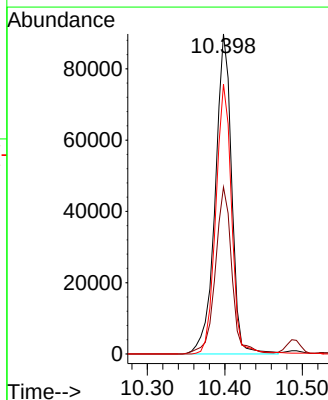
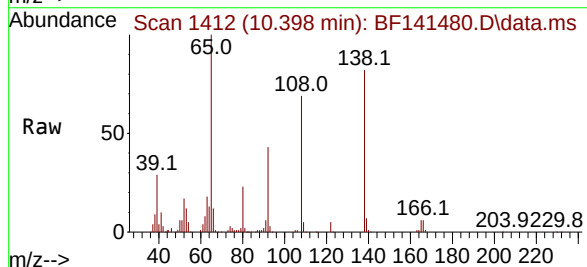
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

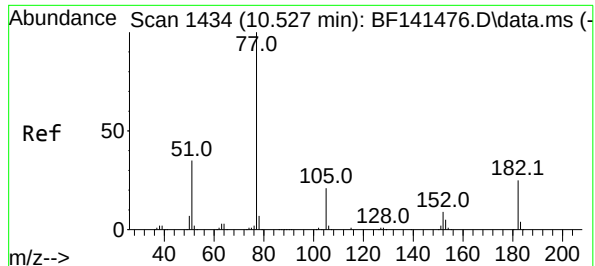
Tgt Ion:204 Resp: 243659
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 66.2 51.9 77.9



#62
4-Nitroaniline
Concen: 41.124 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

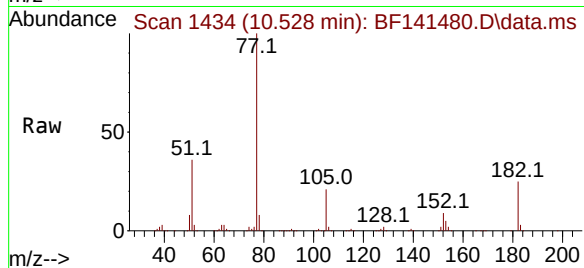
Tgt Ion:138 Resp: 132059
Ion Ratio Lower Upper
138 100
92 52.1 31.3 71.3
108 84.3 63.7 103.7





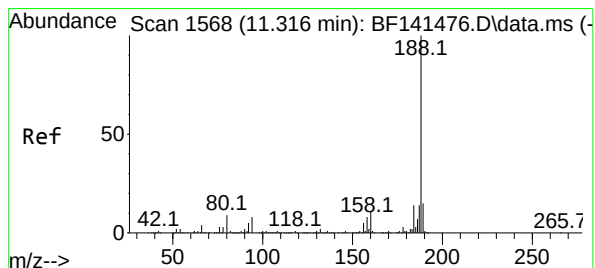
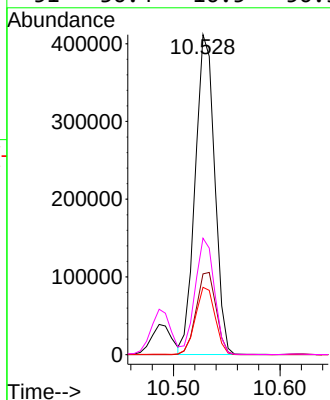
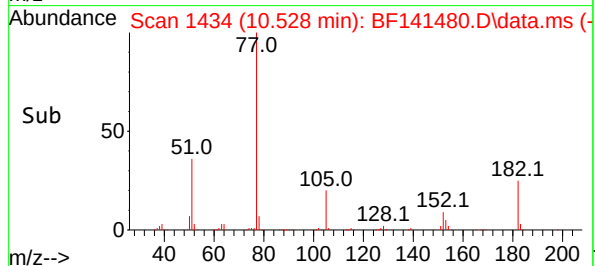
#63
Azobenzene
Concen: 39.759 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Instrument :
BNA_F
ClientSampleId :
ICVBF020625



Tgt Ion: 77 Resp: 522705

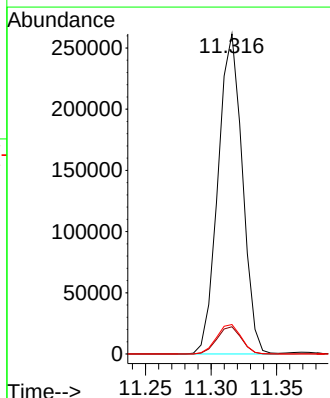
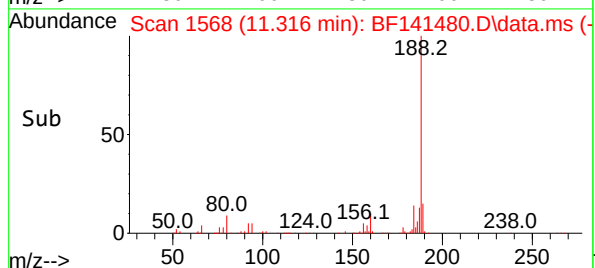
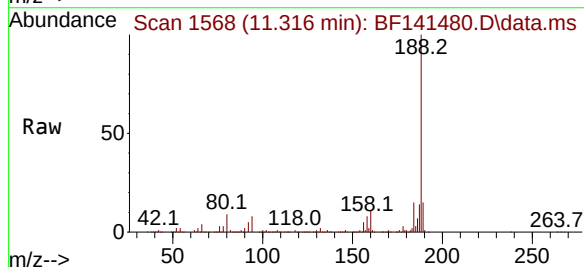
Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.7	44.7
105	21.0	0.4	40.4
51	36.4	16.5	56.5

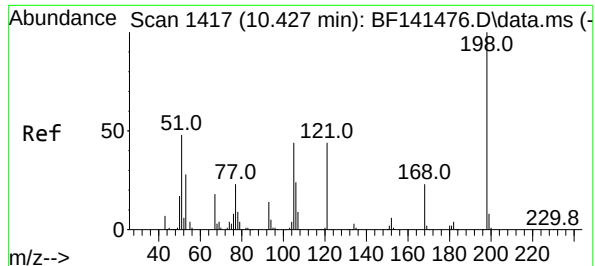


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion: 188 Resp: 337289

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.2	7.3	10.9

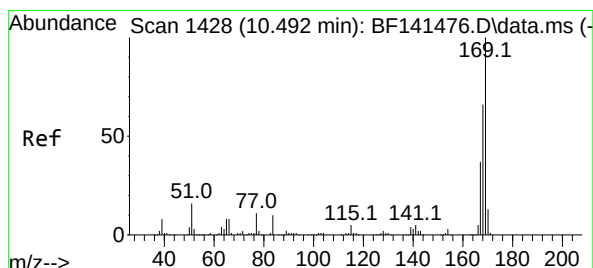
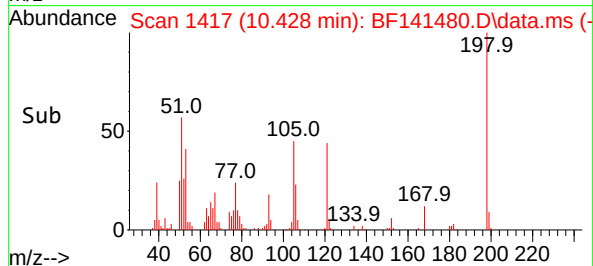
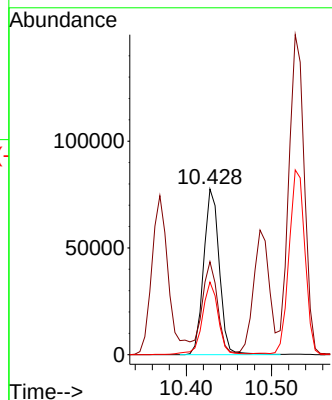
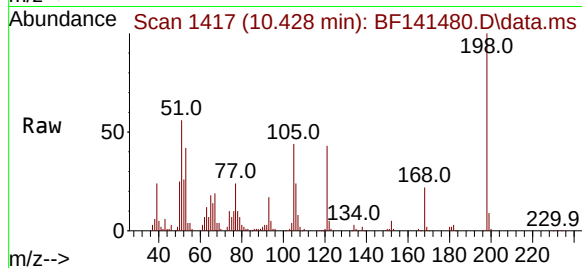




#65
4,6-Dinitro-2-methylphenol
Concen: 42.230 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

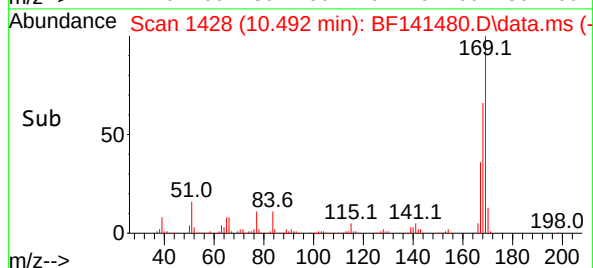
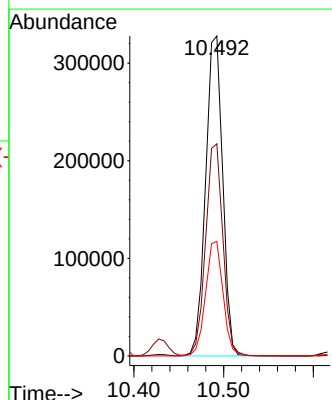
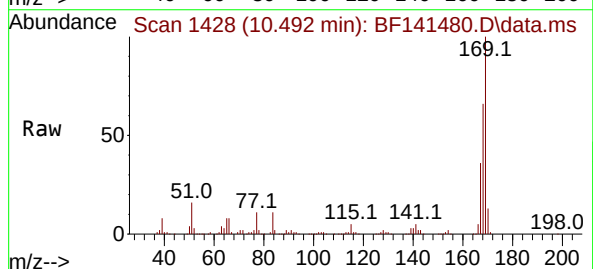
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

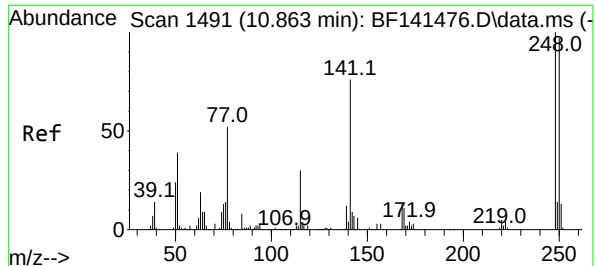
Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.2	37.4	77.4
105	43.9	25.2	65.2



#66
n-Nitrosodiphenylamine
Concen: 40.040 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.3	79.9
167	35.8	29.4	44.2

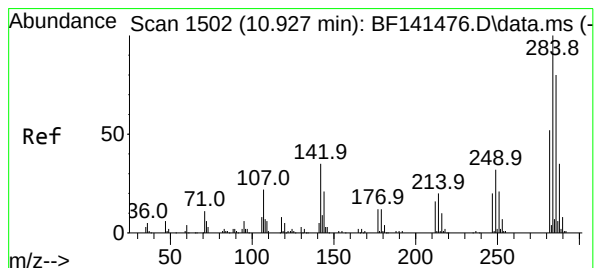
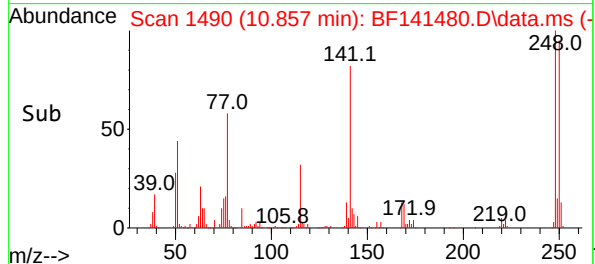
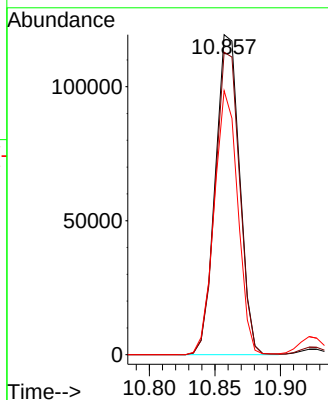
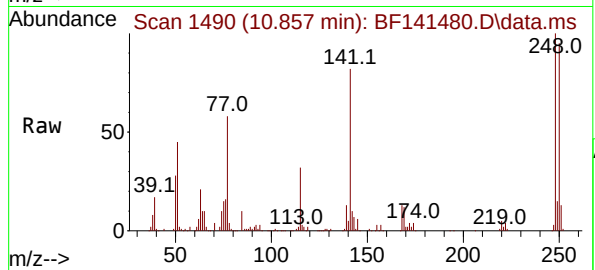




#67
4-Bromophenyl-phenylether
Concen: 40.864 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

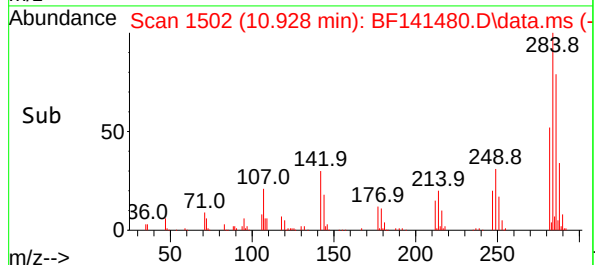
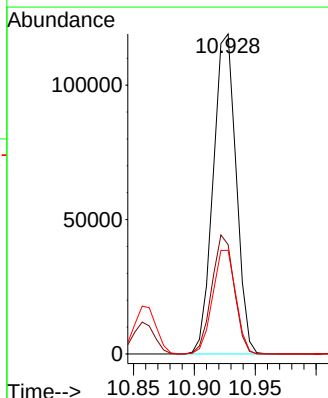
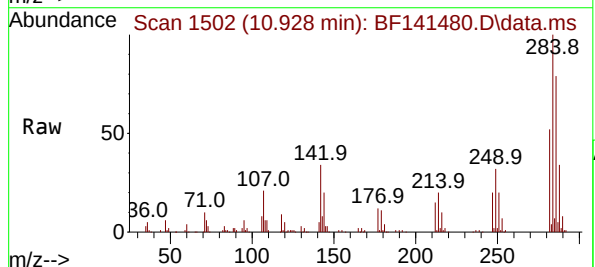
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

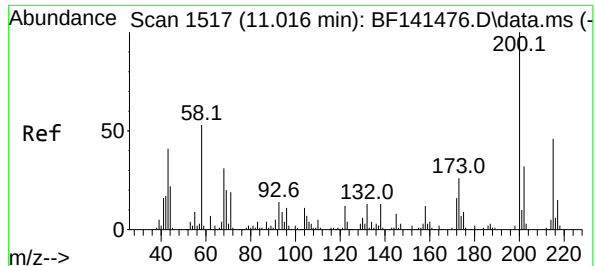
Tgt Ion:248 Resp: 154044
Ion Ratio Lower Upper
248 100
250 94.5 77.8 116.6
141 82.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.208 ng
RT: 10.928 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:284 Resp: 156075
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 32.4 25.8 38.8

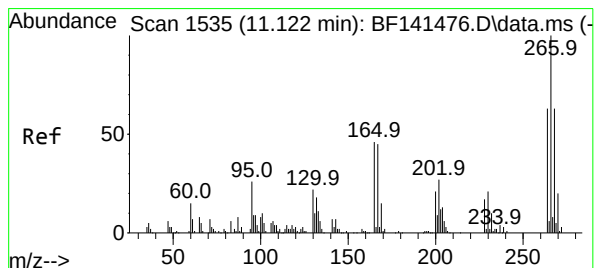
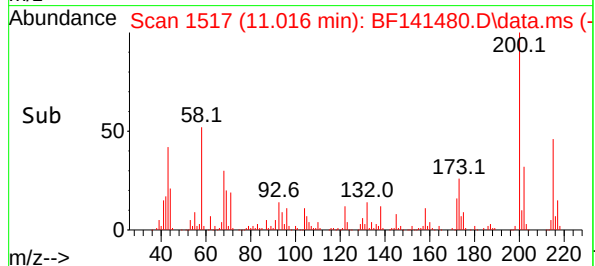
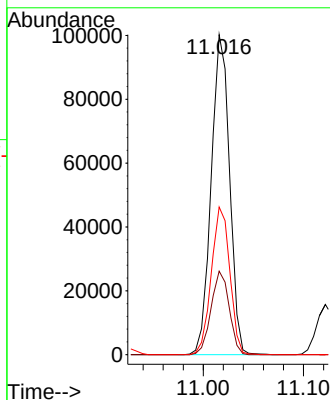
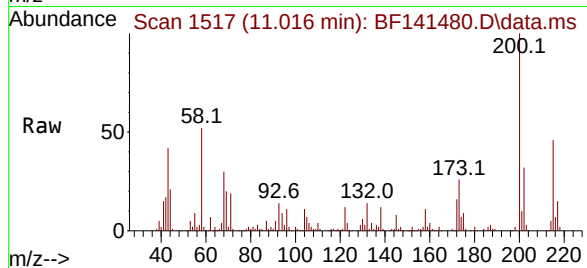




#69
Atrazine
Concen: 39.358 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.005 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

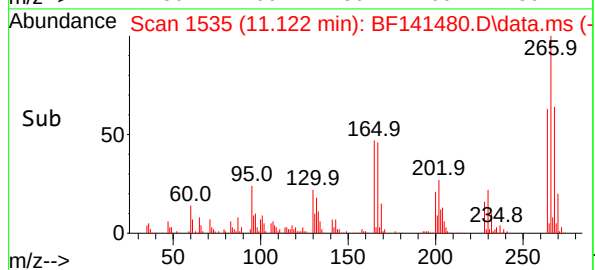
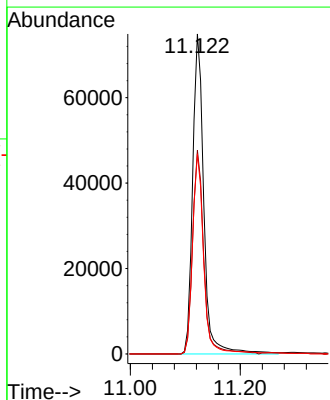
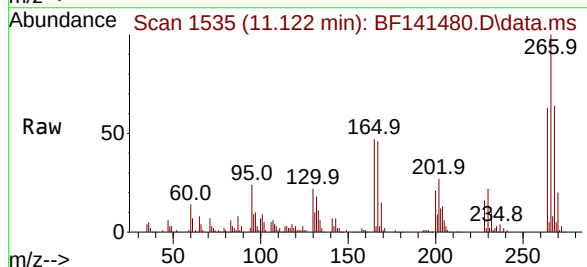
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

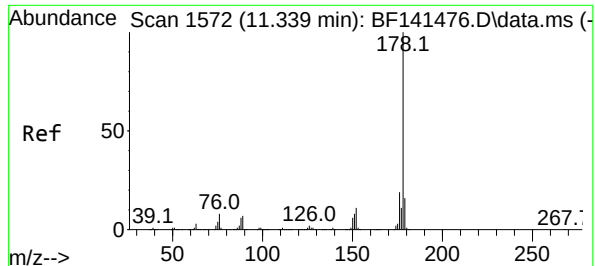
Tgt Ion:200 Resp: 127486
Ion Ratio Lower Upper
200 100
173 26.1 5.9 45.9
215 46.2 25.9 65.9



#70
Pentachlorophenol
Concen: 42.476 ng
RT: 11.122 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:266 Resp: 105427
Ion Ratio Lower Upper
266 100
268 63.6 50.1 75.1
264 62.5 50.1 75.1

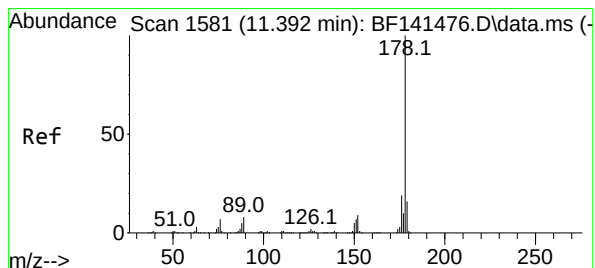
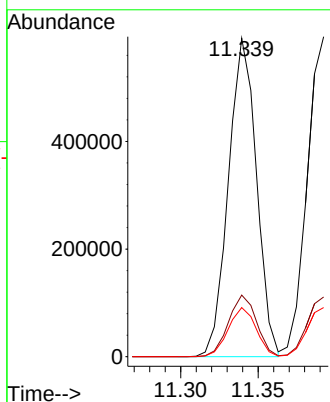
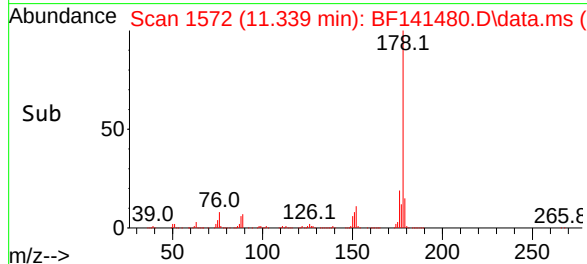
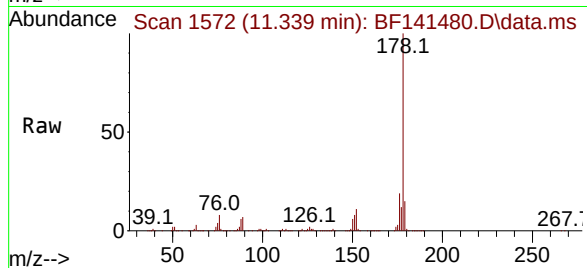




#71
Phenanthrene
Concen: 40.114 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

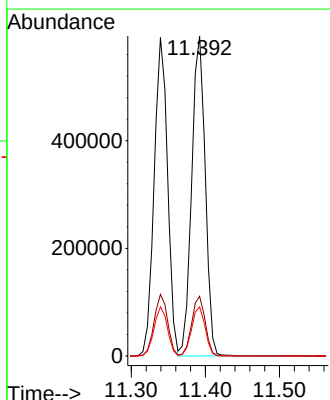
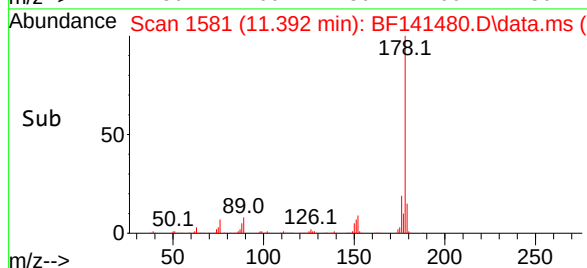
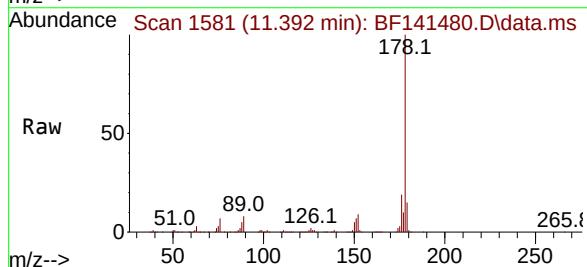
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

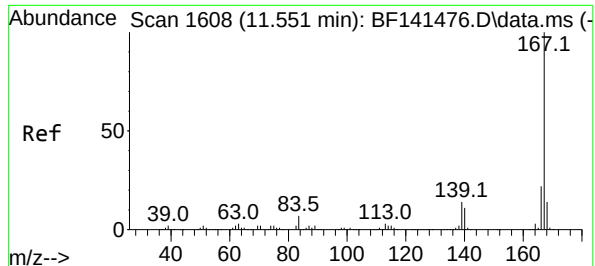
Tgt Ion:178 Resp: 744761
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 40.362 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:178 Resp: 753295
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.3 12.4 18.6

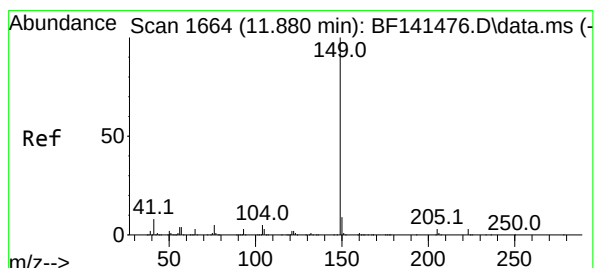
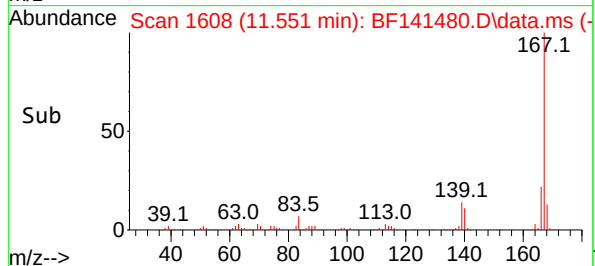
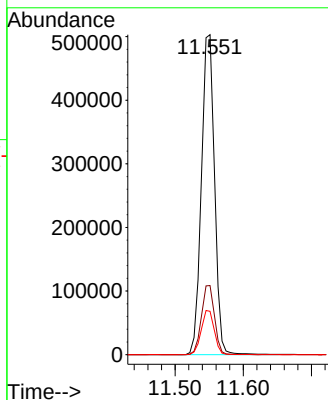
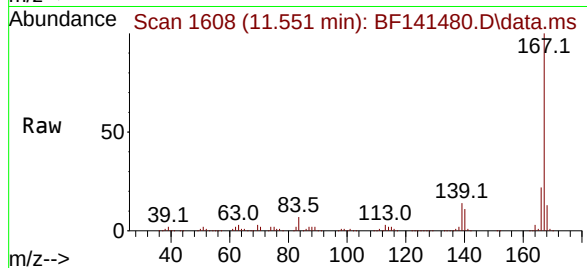




#73
Carbazole
Concen: 40.267 ng
RT: 11.551 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

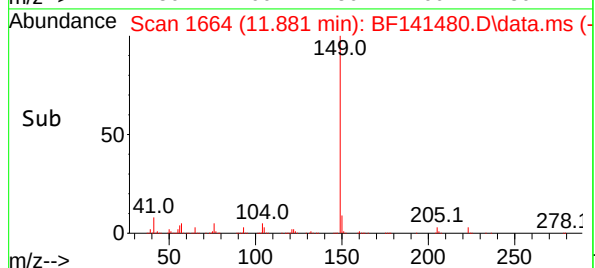
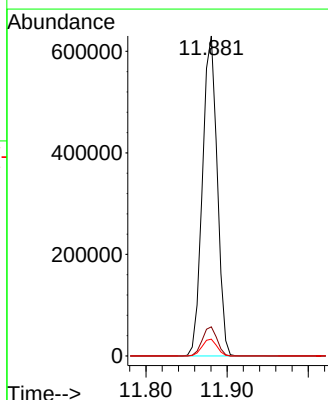
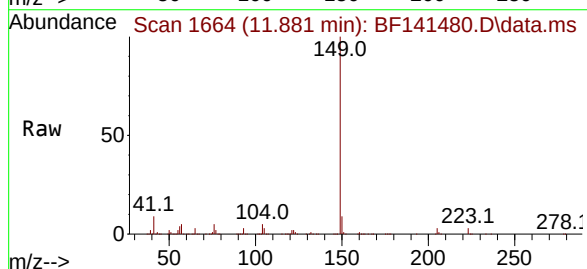
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

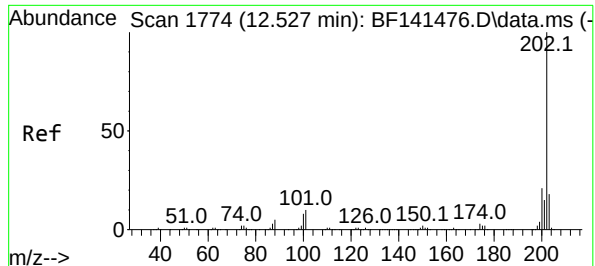
Tgt Ion:167 Resp: 676218
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 40.953 ng
RT: 11.881 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:149 Resp: 794101
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2

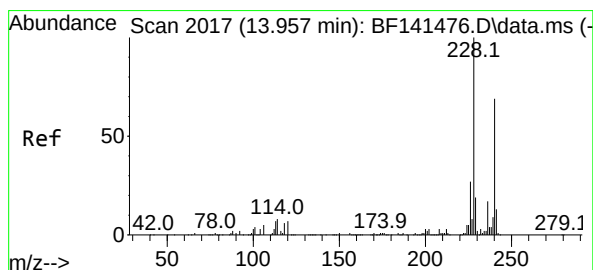
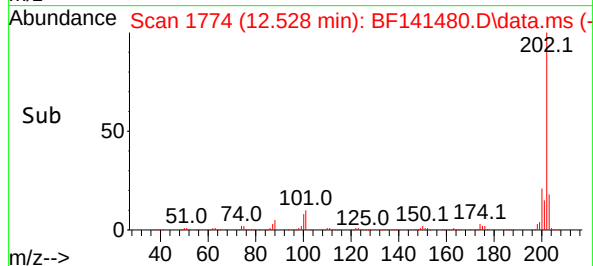
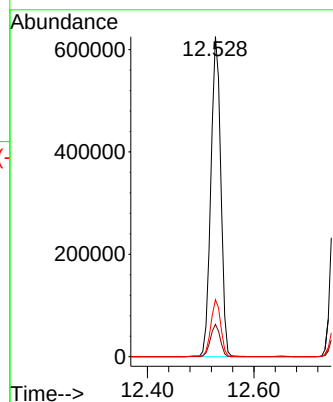
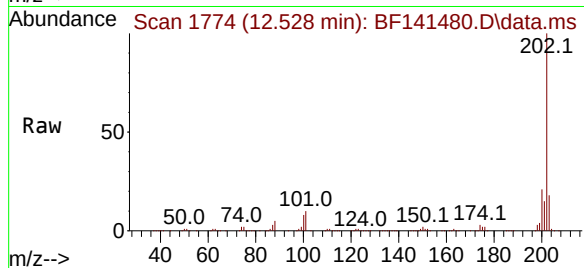




#75
Fluoranthene
Concen: 41.011 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

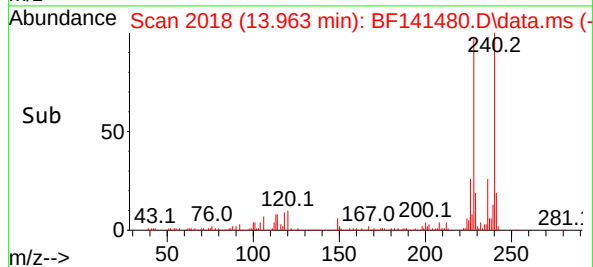
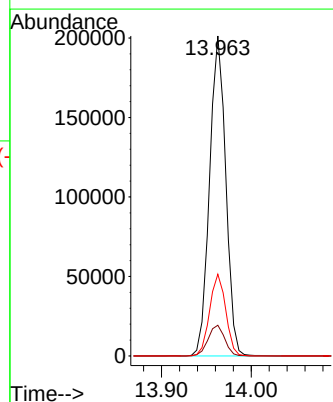
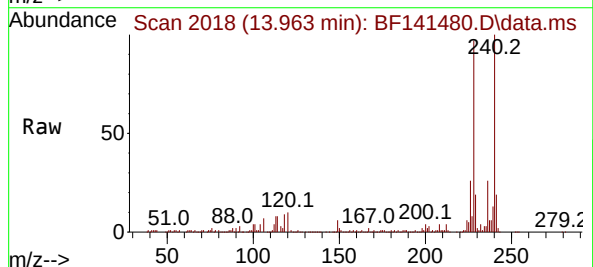
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

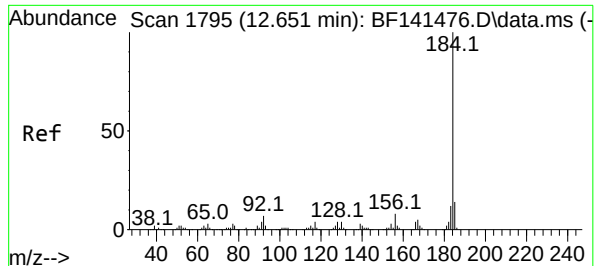
Tgt Ion:202 Resp: 807256
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:240 Resp: 252530
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.6 19.8 29.8

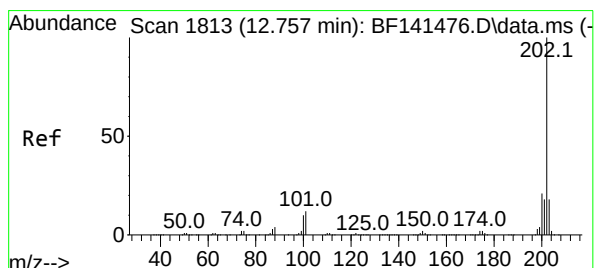
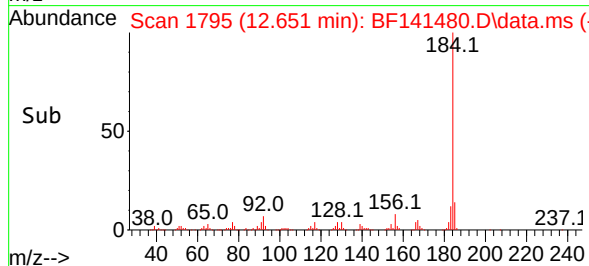
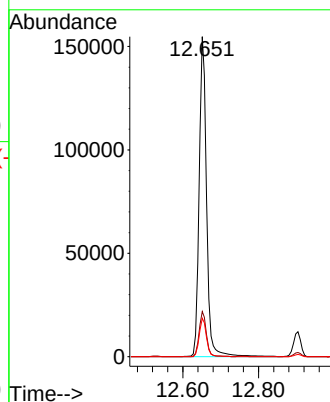
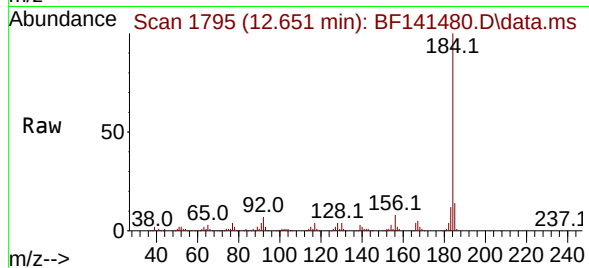




#77
Benzidine
Concen: 38.017 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

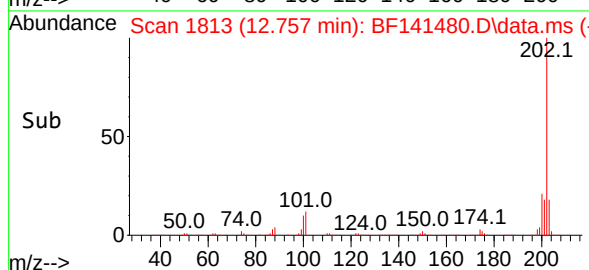
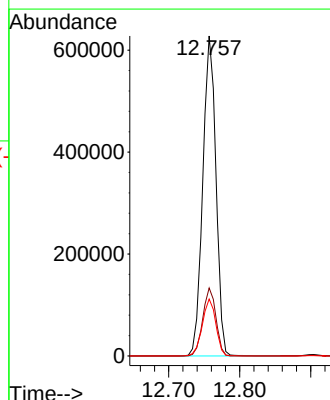
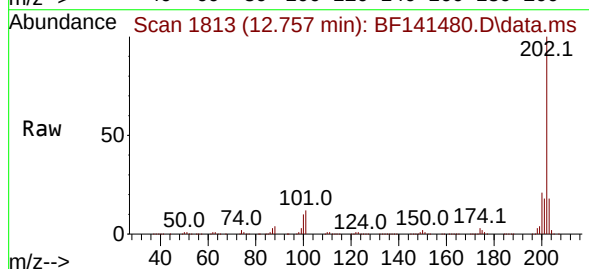
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

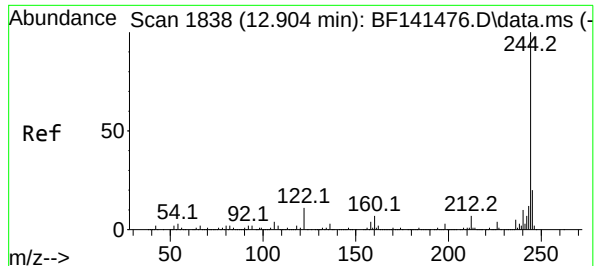
Tgt Ion:184 Resp: 211734
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 37.784 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:202 Resp: 812250
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 75.750 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

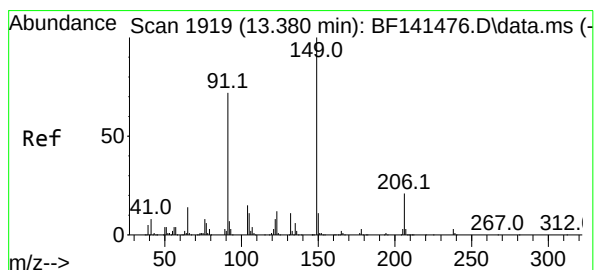
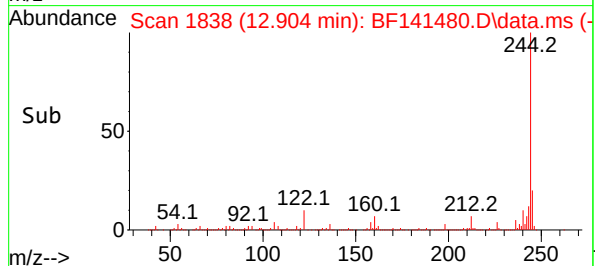
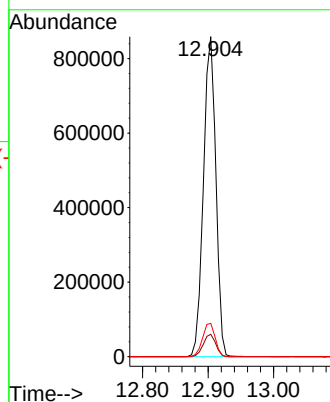
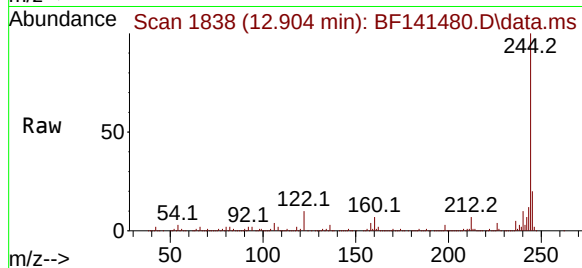
Tgt Ion:244 Resp: 1133126

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 41.781 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

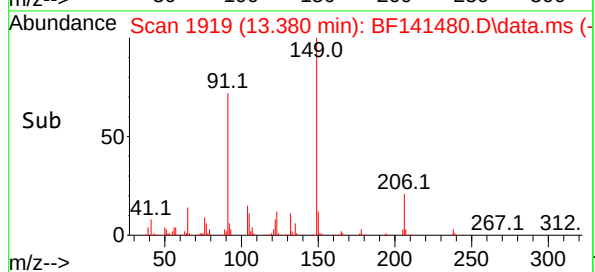
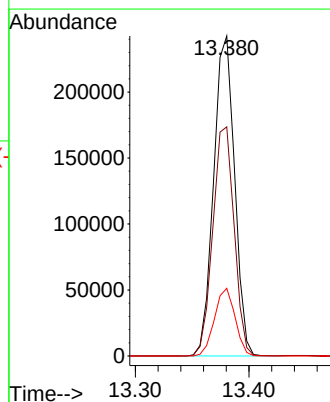
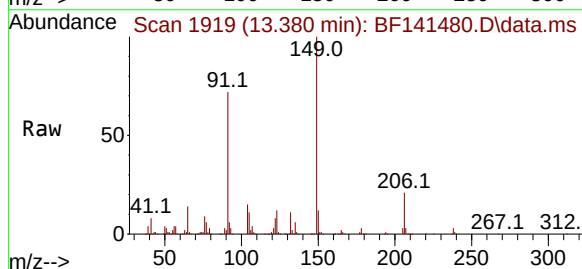
Tgt Ion:149 Resp: 311103

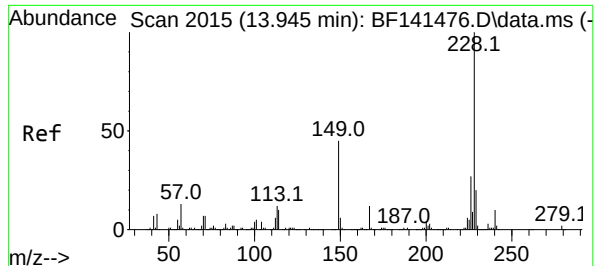
Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.8

206 21.2 16.7 25.1

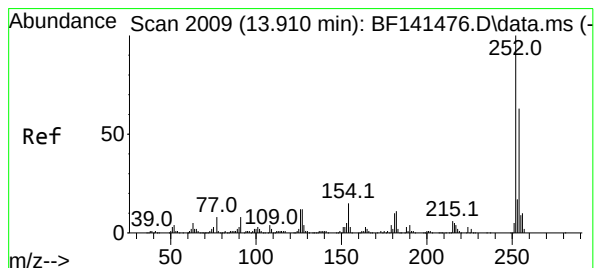
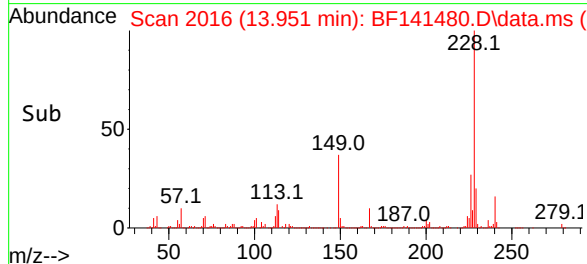
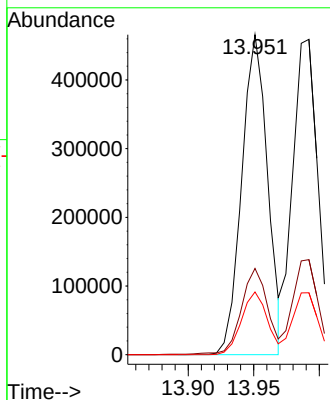
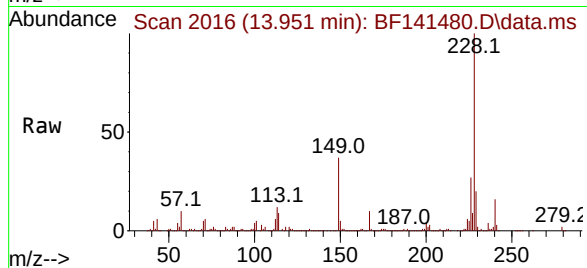




#81
Benzo(a)anthracene
Concen: 38.009 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

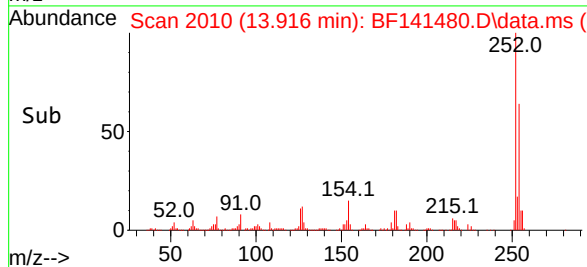
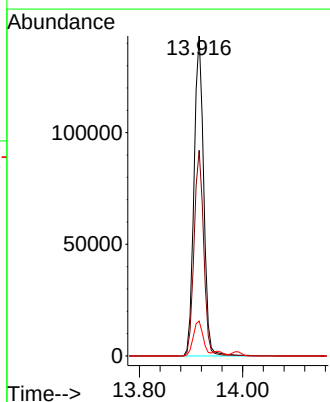
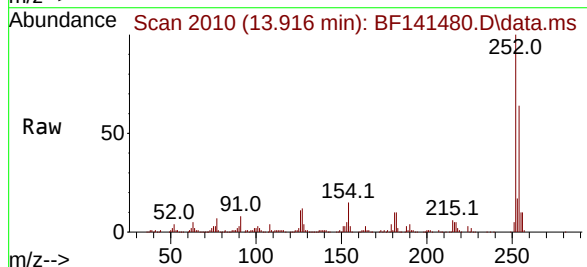
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

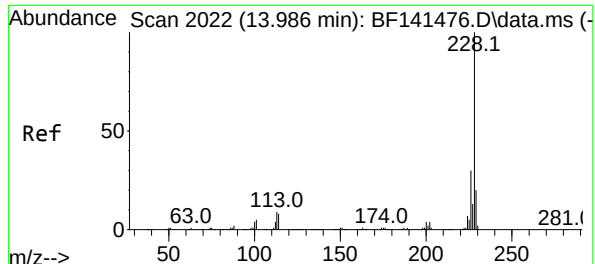
Tgt Ion:228 Resp: 638036
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 38.608 ng
RT: 13.916 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:252 Resp: 185650
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 10.9 9.3 13.9





#83

Chrysene

Concen: 39.361 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

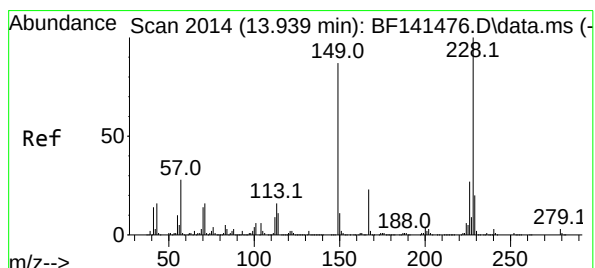
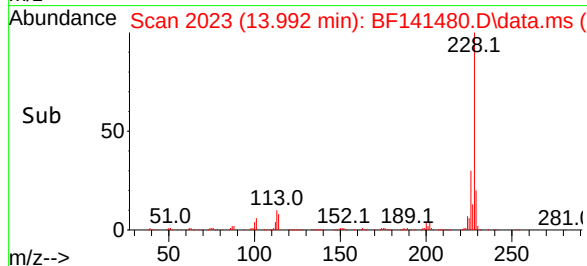
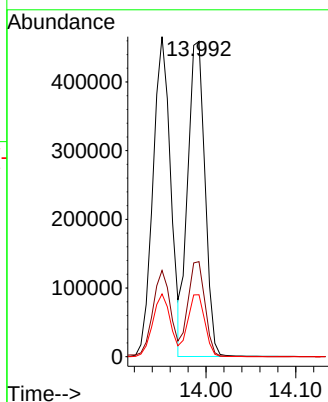
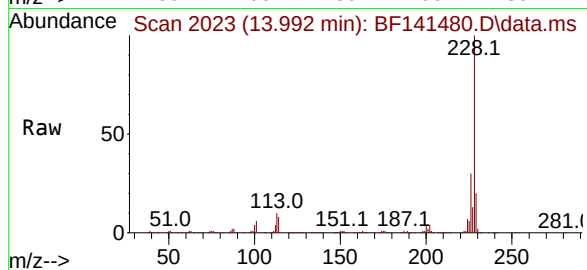
Tgt Ion:228 Resp: 610091

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.229 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

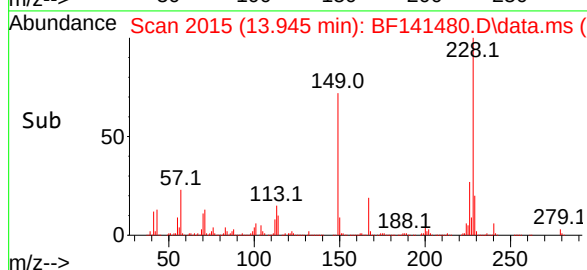
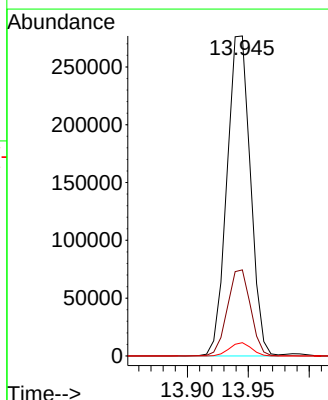
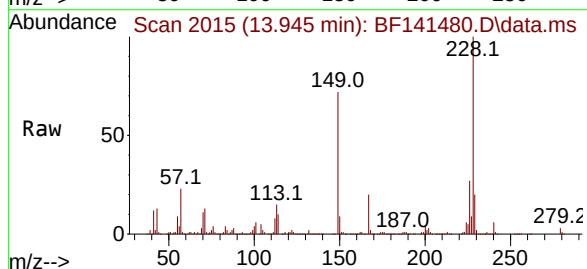
Tgt Ion:149 Resp: 371434

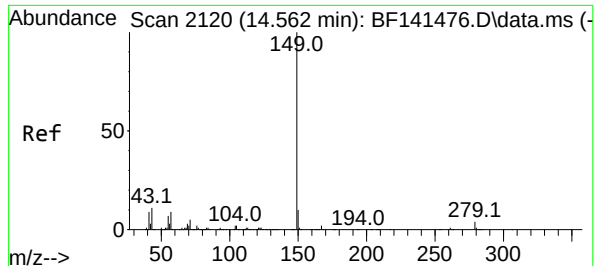
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.1 3.1 4.7

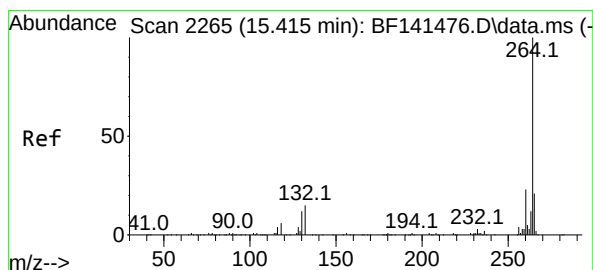
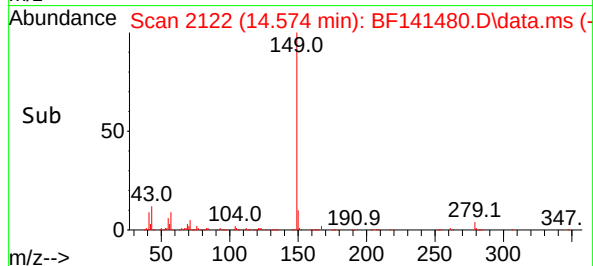
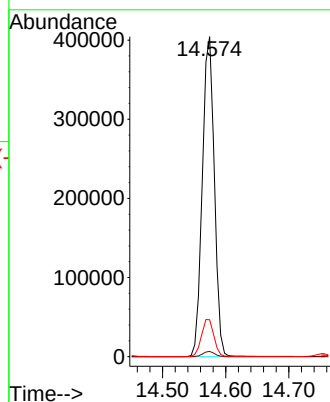
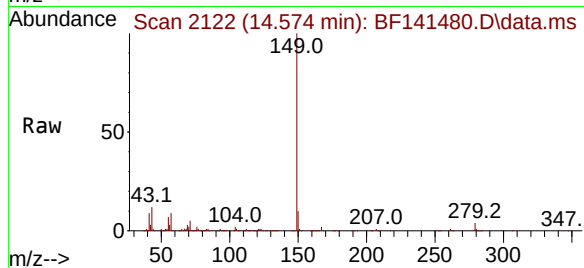




#85
Di-n-octyl phthalate
Concen: 44.652 ng
RT: 14.574 min Scan# 2120
Delta R.T. 0.012 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

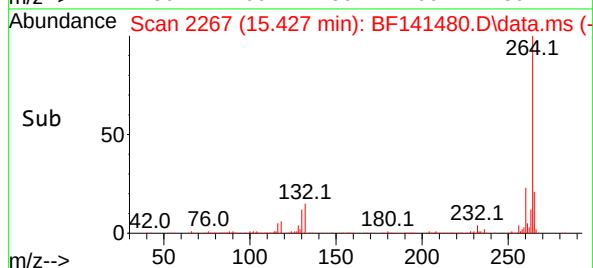
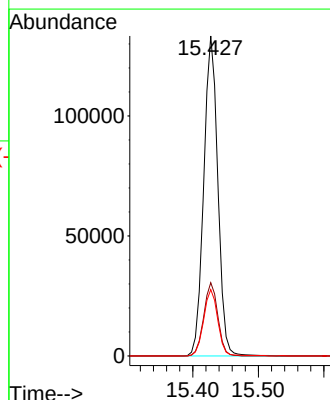
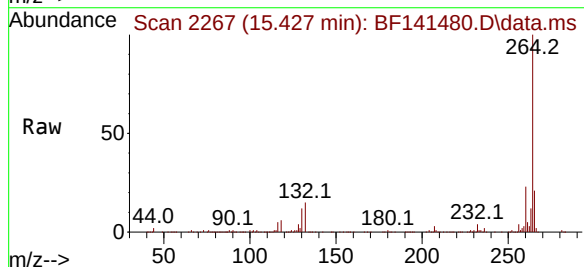
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

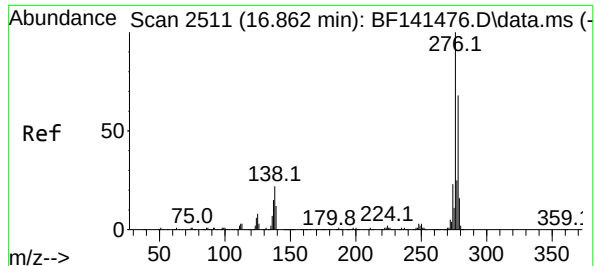
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	9.5	14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	20.8	17.0	25.4

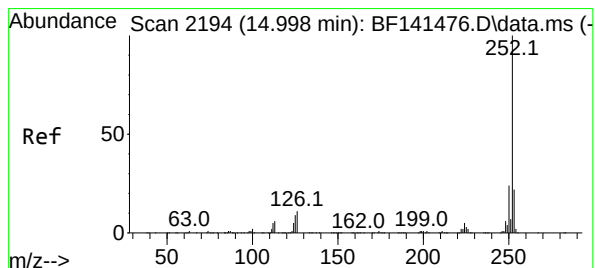
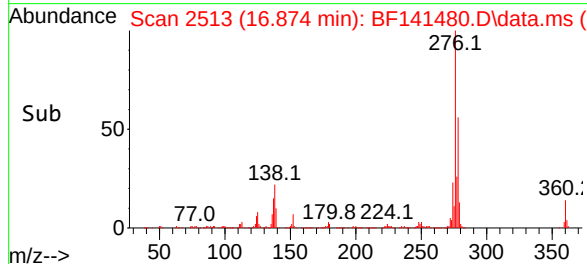
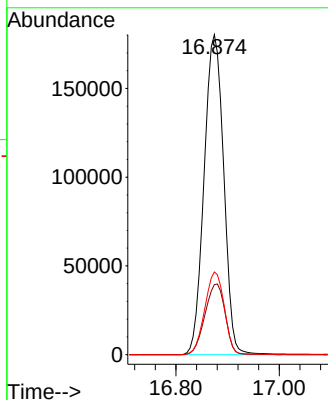
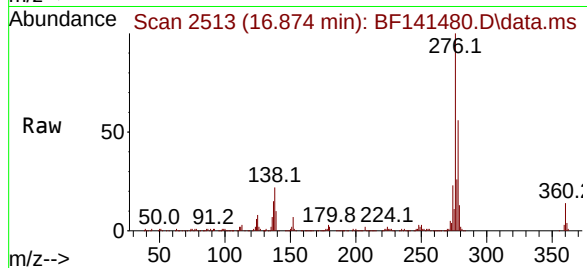




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.551 ng
RT: 16.874 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

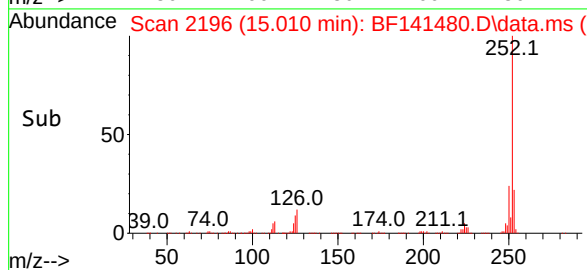
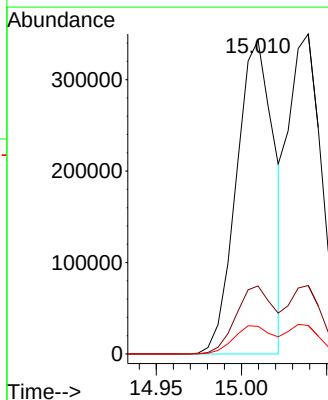
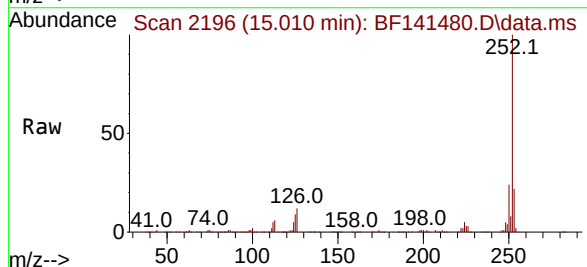
Instrument :
BNA_F
ClientSampleId :
ICVBF020625

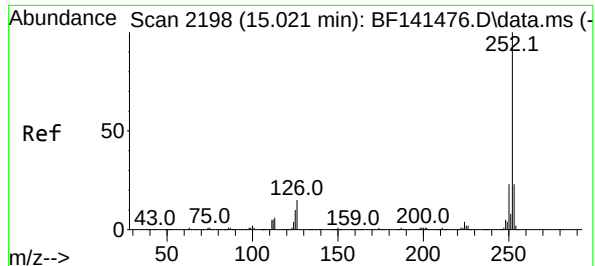
Tgt Ion:276 Resp: 474949
Ion Ratio Lower Upper
276 100
138 22.8 18.0 27.0
277 25.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 39.352 ng
RT: 15.010 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF141480.D
Acq: 06 Feb 2025 15:03

Tgt Ion:252 Resp: 526847
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.182 ng

RT: 15.039 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

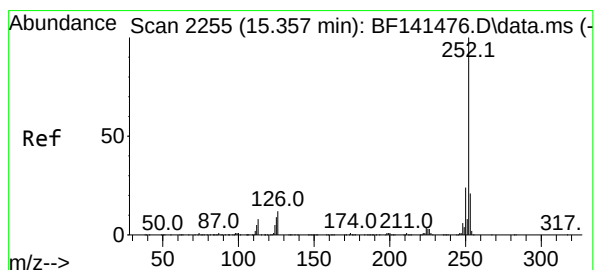
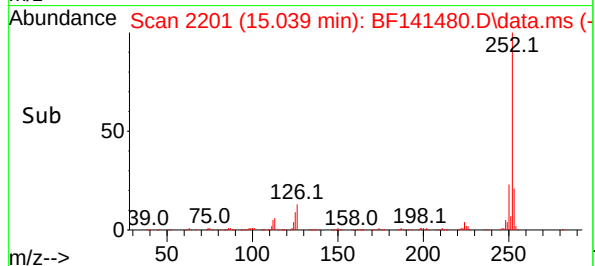
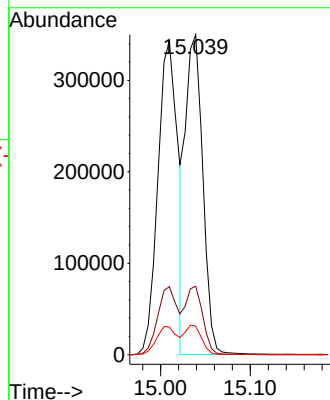
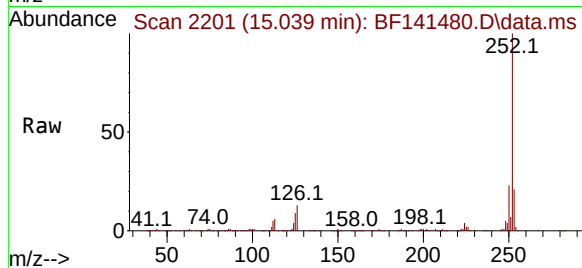
Tgt Ion:252 Resp: 470794

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 8.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.459 ng

RT: 15.369 min Scan# 2257

Delta R.T. 0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

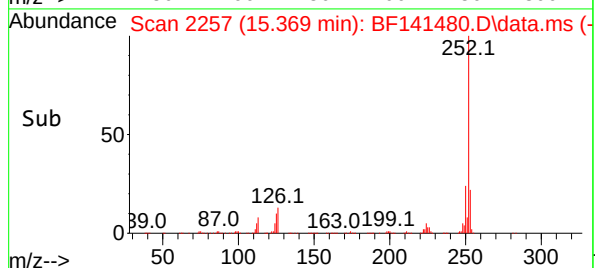
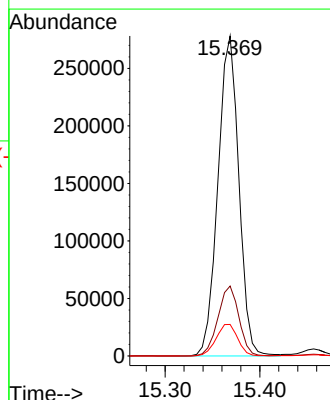
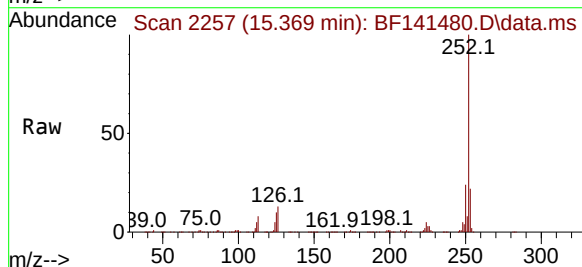
Tgt Ion:252 Resp: 427462

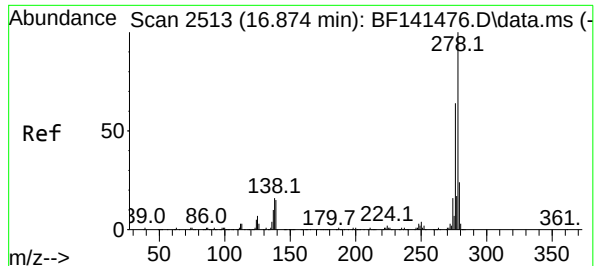
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 38.870 ng

RT: 16.892 min Scan# 2516

Delta R.T. 0.000 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

Instrument :

BNA_F

ClientSampleId :

ICVBF020625

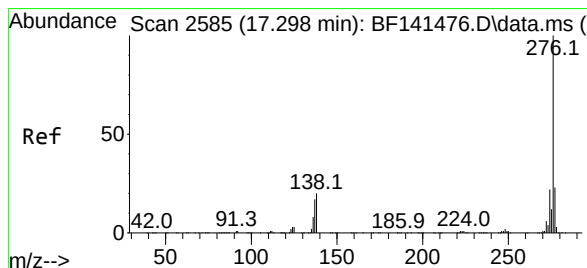
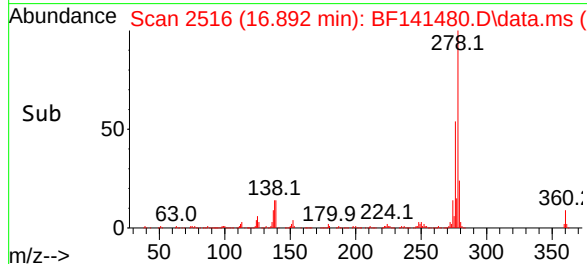
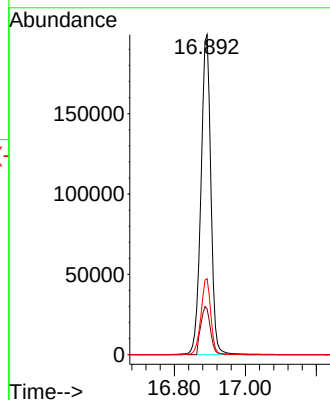
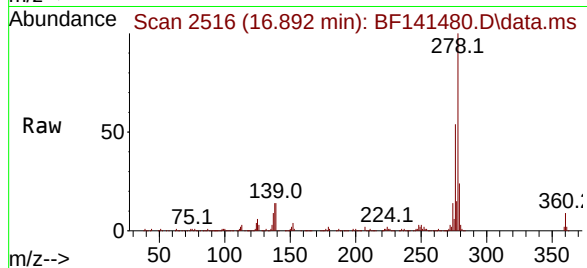
Tgt Ion:278 Resp: 388028

Ion Ratio Lower Upper

278 100

139 14.3 11.8 17.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 38.536 ng

RT: 17.310 min Scan# 2587

Delta R.T. -0.006 min

Lab File: BF141480.D

Acq: 06 Feb 2025 15:03

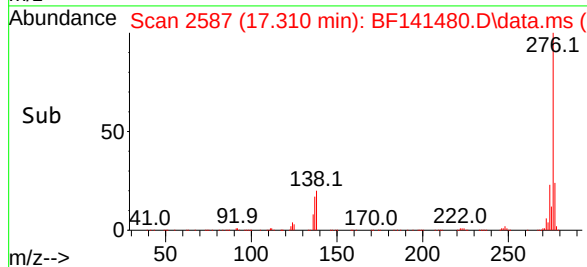
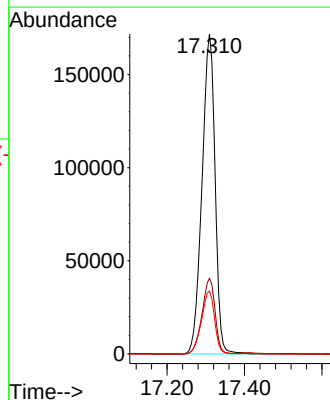
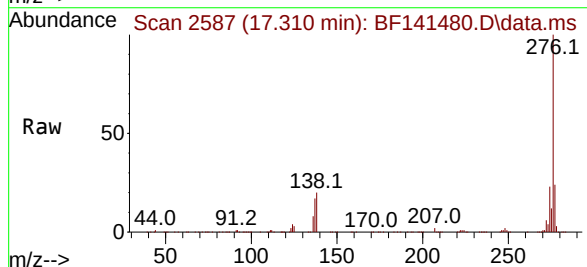
Tgt Ion:276 Resp: 402566

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 19.7 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
2	1,4-Dioxane	0.513	0.518	-1.0	101	0.00
3	Pyridine	1.222	1.281	-4.8	102	-0.01
4	n-Nitrosodimethylamine	0.809	0.842	-4.1	104	-0.03
5 S	2-Fluorophenol	1.276	1.306	-2.4	102	0.00
6	Aniline	1.513	1.582	-4.6	104	-0.01
7 S	Phenol-d6	1.612	1.630	-1.1	102	-0.01
8	2-Chlorophenol	1.378	1.397	-1.4	102	-0.01
9	Benzaldehyde	0.857	0.859	-0.2	106	0.00
10 C	Phenol	1.678	1.704	-1.5	102	-0.01
11	bis(2-Chloroethyl)ether	1.261	1.256	0.4	100	0.00
12	1,3-Dichlorobenzene	1.455	1.467	-0.8	103	0.00
13 C	1,4-Dichlorobenzene	1.487	1.484	0.2	102	0.00
14	1,2-Dichlorobenzene	1.380	1.392	-0.9	102	0.00
15	Benzyl Alcohol	1.236	1.269	-2.7	102	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.187	-1.3	102	0.00
17	2-Methylphenol	1.079	1.099	-1.9	103	0.00
18	Hexachloroethane	0.550	0.565	-2.7	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.964	0.966	-0.2	101	-0.01
20	3+4-Methylphenols	1.371	1.373	-0.1	101	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.498	0.488	2.0	102	-0.01
23 S	Nitrobenzene-d5	0.383	0.376	1.8	101	0.00
24	Nitrobenzene	0.374	0.369	1.3	102	0.00
25	Isophorone	0.611	0.608	0.5	103	-0.01
26 C	2-Nitrophenol	0.186	0.188	-1.1	101	0.00
27	2,4-Dimethylphenol	0.217	0.217	0.0	100	0.00
28	bis(2-Chloroethoxy)methane	0.392	0.390	0.5	102	0.00
29 C	2,4-Dichlorophenol	0.294	0.292	0.7	102	0.00
30	1,2,4-Trichlorobenzene	0.320	0.314	1.9	102	0.00
31	Naphthalene	1.041	1.023	1.7	102	0.00
32	Benzoic acid	0.226	0.228	-0.9	102	-0.04
33	4-Chloroaniline	0.363	0.370	-1.9	105	-0.01
34 C	Hexachlorobutadiene	0.192	0.193	-0.5	103	0.00
35	Caprolactam	0.089	0.092	-3.4	102	-0.03
36 C	4-Chloro-3-methylphenol	0.325	0.325	0.0	102	0.00
37	2-Methylnaphthalene	0.677	0.656	3.1	101	0.00
38	1-Methylnaphthalene	0.656	0.641	2.3	101	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.579	0.581	-0.3	102	0.00
41 P	Hexachlorocyclopentadiene	0.192	0.186	3.1	94	0.00
42 S	2,4,6-Tribromophenol	0.201	0.200	0.5	102	0.00
43 C	2,4,6-Trichlorophenol	0.374	0.373	0.3	101	0.00
44	2,4,5-Trichlorophenol	0.405	0.406	-0.2	101	0.00
45 S	2-Fluorobiphenyl	1.298	1.278	1.5	103	0.00
46	1,1'-Biphenyl	1.551	1.532	1.2	102	0.00
47	2-Chloronaphthalene	1.147	1.131	1.4	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.385	0.389	-1.0	102	0.00
49	Acenaphthylene	1.705	1.694	0.6	102	0.00
50	Dimethylphthalate	1.358	1.340	1.3	102	-0.01
51	2,6-Dinitrotoluene	0.297	0.297	0.0	101	0.00
52 C	Acenaphthene	1.147	1.143	0.3	102	0.00
53	3-Nitroaniline	0.319	0.323	-1.3	104	0.00
54 P	2,4-Dinitrophenol	0.176	0.188	-6.8	109	-0.01
55	Dibenzofuran	1.683	1.677	0.4	103	0.00
56 P	4-Nitrophenol	0.237	0.250	-5.5	103	-0.01
57	2,4-Dinitrotoluene	0.395	0.401	-1.5	103	0.00
58	Fluorene	1.301	1.285	1.2	102	0.00
59	2,3,4,6-Tetrachlorophenol	0.349	0.353	-1.1	104	0.00
60	Diethylphthalate	1.336	1.318	1.3	101	0.00
61	4-Chlorophenyl-phenylether	0.626	0.615	1.8	101	0.00
62	4-Nitroaniline	0.324	0.333	-2.8	102	-0.02
63	Azobenzene	1.328	1.320	0.6	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.147	-5.8	104	-0.01
66 c	n-Nitrosodiphenylamine	0.640	0.641	-0.2	102	0.00
67	4-Bromophenyl-phenylether	0.224	0.228	-1.8	104	0.00
68	Hexachlorobenzene	0.230	0.231	-0.4	102	0.00
69	Atrazine	0.192	0.189	1.6	102	0.00
70 C	Pentachlorophenol	0.147	0.156	-6.1	102	0.00
71	Phenanthrene	1.101	1.104	-0.3	102	0.00
72	Anthracene	1.107	1.117	-0.9	103	0.00
73	Carbazole	0.996	1.002	-0.6	102	0.00
74	Di-n-butylphthalate	1.150	1.177	-2.3	103	0.00
75 C	Fluoranthene	1.167	1.197	-2.6	104	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	112	0.00
77	Benzidine	0.441	0.419	5.0	89	0.00
78	Pyrene	1.703	1.608	5.6	103	0.00
79 S	Terphenyl-d14	1.185	1.122	5.3	105	0.00
80	Butylbenzylphthalate	0.590	0.616	-4.4	113	0.00
81	Benzo(a)anthracene	1.329	1.263	5.0	105	0.00
82	3,3'-Dichlorobenzidine	0.381	0.368	3.4	109	0.00
83	Chrysene	1.228	1.208	1.6	113	0.00
84	Bis(2-ethylhexyl)phthalate	0.665	0.735	-10.5	120	0.00
85 c	Di-n-octyl phthalate	0.949	1.059	-11.6	123	0.01
86 I	Perylene-d12	1.000	1.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	1.236	1.191	3.6	101	0.00
88	Benzo(b)fluoranthene	1.343	1.321	1.6	108	0.00
89	Benzo(k)fluoranthene	1.147	1.181	-3.0	113	0.00
90 C	Benzo(a)pyrene	1.087	1.072	1.4	108	0.00
91	Dibenzo(a,h)anthracene	1.001	0.973	2.8	101	0.00
92	Benzo(g,h,i)perylene	1.048	1.009	3.7	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141480.D
Acq On : 06 Feb 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

Quant Time: Feb 06 16:01:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	101	0.00
2	1,4-Dioxane	40.000	40.369	-0.9	101	0.00
3	Pyridine	40.000	41.938	-4.8	102	-0.01
4	n-Nitrosodimethylamine	40.000	41.653	-4.1	104	-0.03
5 S	2-Fluorophenol	80.000	81.894	-2.4	102	0.00
6	Aniline	40.000	41.834	-4.6	104	-0.01
7 S	Phenol-d6	80.000	80.878	-1.1	102	-0.01
8	2-Chlorophenol	40.000	40.527	-1.3	102	-0.01
9	Benzaldehyde	40.000	40.105	-0.3	106	0.00
10 C	Phenol	40.000	40.615	-1.5	102	-0.01
11	bis(2-Chloroethyl)ether	40.000	39.866	0.3	100	0.00
12	1,3-Dichlorobenzene	40.000	40.317	-0.8	103	0.00
13 C	1,4-Dichlorobenzene	40.000	39.911	0.2	102	0.00
14	1,2-Dichlorobenzene	40.000	40.354	-0.9	102	0.00
15	Benzyl Alcohol	40.000	41.041	-2.6	102	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.535	-1.3	102	0.00
17	2-Methylphenol	40.000	40.768	-1.9	103	0.00
18	Hexachloroethane	40.000	41.061	-2.7	103	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.048	-0.1	101	-0.01
20	3+4-Methylphenols	40.000	40.073	-0.2	101	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	39.246	1.9	102	-0.01
23 S	Nitrobenzene-d5	80.000	78.369	2.0	101	0.00
24	Nitrobenzene	40.000	39.429	1.4	102	0.00
25	Isophorone	40.000	39.767	0.6	103	-0.01
26 C	2-Nitrophenol	40.000	40.413	-1.0	101	0.00
27	2,4-Dimethylphenol	40.000	39.924	0.2	100	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.822	0.4	102	0.00
29 C	2,4-Dichlorophenol	40.000	39.818	0.5	102	0.00
30	1,2,4-Trichlorobenzene	40.000	39.237	1.9	102	0.00
31	Naphthalene	40.000	39.287	1.8	102	0.00
32	Benzoic acid	40.000	40.324	-0.8	102	-0.04
33	4-Chloroaniline	40.000	40.680	-1.7	105	-0.01
34 C	Hexachlorobutadiene	40.000	40.144	-0.4	103	0.00
35	Caprolactam	40.000	41.104	-2.8	102	-0.03
36 C	4-Chloro-3-methylphenol	40.000	40.006	-0.0	102	0.00
37	2-Methylnaphthalene	40.000	38.710	3.2	101	0.00
38	1-Methylnaphthalene	40.000	39.049	2.4	101	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.182	-0.5	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.754	3.1	94	0.00
42 S	2,4,6-Tribromophenol	80.000	79.490	0.6	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.914	0.2	101	0.00
44	2,4,5-Trichlorophenol	40.000	40.108	-0.3	101	0.00
45 S	2-Fluorobiphenyl	80.000	78.786	1.5	103	0.00
46	1,1'-Biphenyl	40.000	39.519	1.2	102	0.00
47	2-Chloronaphthalene	40.000	39.453	1.4	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141480.D
 Acq On : 06 Feb 2025 15:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF020625

Quant Time: Feb 06 16:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 15:49:10 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.451	-1.1	102	0.00
49	Acenaphthylene	40.000	39.734	0.7	102	0.00
50	Dimethylphthalate	40.000	39.488	1.3	102	-0.01
51	2,6-Dinitrotoluene	40.000	39.965	0.1	101	0.00
52 C	Acenaphthene	40.000	39.893	0.3	102	0.00
53	3-Nitroaniline	40.000	40.463	-1.2	104	0.00
54 P	2,4-Dinitrophenol	40.000	42.639	-6.6	109	-0.01
55	Dibenzofuran	40.000	39.860	0.4	103	0.00
56 P	4-Nitrophenol	40.000	42.166	-5.4	103	-0.01
57	2,4-Dinitrotoluene	40.000	40.633	-1.6	103	0.00
58	Fluorene	40.000	39.501	1.2	102	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.438	-1.1	104	0.00
60	Diethylphthalate	40.000	39.467	1.3	101	0.00
61	4-Chlorophenyl-phenylether	40.000	39.318	1.7	101	0.00
62	4-Nitroaniline	40.000	41.124	-2.8	102	-0.02
63	Azobenzene	40.000	39.759	0.6	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	100	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.230	-5.6	104	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.040	-0.1	102	0.00
67	4-Bromophenyl-phenylether	40.000	40.864	-2.2	104	0.00
68	Hexachlorobenzene	40.000	40.208	-0.5	102	0.00
69	Atrazine	40.000	39.358	1.6	102	0.00
70 C	Pentachlorophenol	40.000	42.476	-6.2	102	0.00
71	Phenanthrene	40.000	40.114	-0.3	102	0.00
72	Anthracene	40.000	40.362	-0.9	103	0.00
73	Carbazole	40.000	40.267	-0.7	102	0.00
74	Di-n-butylphthalate	40.000	40.953	-2.4	103	0.00
75 C	Fluoranthene	40.000	41.011	-2.5	104	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	112	0.00
77	Benzydine	40.000	38.017	5.0	89	0.00
78	Pyrene	40.000	37.784	5.5	103	0.00
79 S	Terphenyl-d14	80.000	75.750	5.3	105	0.00
80	Butylbenzylphthalate	40.000	41.781	-4.5	113	0.00
81	Benzo(a)anthracene	40.000	38.009	5.0	105	0.00
82	3,3'-Dichlorobenzidine	40.000	38.608	3.5	109	0.00
83	Chrysene	40.000	39.361	1.6	113	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.229	-10.6	120	0.00
85 c	Di-n-octyl phthalate	40.000	44.652	-11.6	123	0.01
86 I	Perylene-d12	20.000	20.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.551	3.6	101	0.00
88	Benzo(b)fluoranthene	40.000	39.352	1.6	108	0.00
89	Benzo(k)fluoranthene	40.000	41.182	-3.0	113	0.00
90 C	Benzo(a)pyrene	40.000	39.459	1.4	108	0.00
91	Dibenzo(a,h)anthracene	40.000	38.870	2.8	101	0.00
92	Benzo(g,h,i)perylene	40.000	38.536	3.7	100	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141480.D
Acq On : 06 Feb 2025 15:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF020625

Quant Time: Feb 06 16:01:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 15:49:10 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

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



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1282 SAS No.: Q1282 SDG No.: Q1282

Instrument ID: BNA_F Calibration Date/Time: 02/05/2025 15:16

Lab File ID: BF141447.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.303	1.309		0.5	
Phenol-d6	1.657	1.599		-3.5	
Phenol	1.757	1.692		-3.7	20.0
1,4-Dichlorobenzene	1.547	1.560		0.8	20.0
Nitrobenzene-d5	0.379	0.401		5.8	
1,2,4-Trichlorobenzene	0.330	0.344		4.2	
Naphthalene	1.057	1.071		1.3	
2-Fluorobiphenyl	1.299	1.332		2.5	
2,4,6-Tribromophenol	0.183	0.203		10.9	
Terphenyl-d14	1.297	1.301		0.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 15:51:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 29 17:41:25 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	82418	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	312528	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	169230	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	293274	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	189132	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	170936	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	431535	80.382	ng	0.00
7) Phenol-d6	6.434	99	527065	77.175	ng	0.00
23) Nitrobenzene-d5	7.357	82	501910	84.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	137575	88.675	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	901907	82.031	ng	-0.01
79) Terphenyl-d14	12.904	244	984126	80.246	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.451	88	86079	36.458	ng	97
3) Pyridine	3.181	79	212209	37.303	ng	94
4) n-Nitrosodimethylamine	3.140	42	142194m	43.755	ng	
6) Aniline	6.451	93	213567	36.942	ng	# 26
8) 2-Chlorophenol	6.581	128	226620	39.384	ng	97
9) Benzaldehyde	6.339	77	175480	44.359	ng	98
10) Phenol	6.445	94	278886	38.522	ng	# 71
11) bis(2-Chloroethyl)ether	6.528	93	206064	37.123	ng	99
12) 1,3-Dichlorobenzene	6.728	146	258314	40.714	ng	98
13) 1,4-Dichlorobenzene	6.810	146	257154	40.346	ng	100
14) 1,2-Dichlorobenzene	6.963	146	243391	40.781	ng	99
15) Benzyl Alcohol	6.934	79	196541	42.111	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	339918	35.215	ng	86
17) 2-Methylphenol	7.051	107	176306	37.700	ng	# 93
18) Hexachloroethane	7.304	117	96738	41.142	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	154323	38.029	ng	99
20) 3+4-Methylphenols	7.204	107	229646	39.993	ng	91
22) Acetophenone	7.204	105	309705	41.690	ng	97
24) Nitrobenzene	7.375	77	256448	41.742	ng	98
25) Isophorone	7.610	82	399431	38.977	ng	98
26) 2-Nitrophenol	7.692	139	120266	41.507	ng	95
27) 2,4-Dimethylphenol	7.734	122	143150m	38.815	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	246023	37.637	ng	99
29) 2,4-Dichlorophenol	7.939	162	186722	41.356	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	214815	41.662	ng	99
31) Naphthalene	8.098	128	669352	40.542	ng	99
32) Benzoic acid	7.851	122	142996	42.178	ng	96
33) 4-Chloroaniline	8.145	127	193463	34.556	ng	98
34) Hexachlorobutadiene	8.210	225	132295	43.752	ng	99
35) Caprolactam	8.516	113	58255	39.508	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	202603	41.835	ng	97
37) 2-Methylnaphthalene	8.786	142	423023	40.313	ng	100
38) 1-Methylnaphthalene	8.886	142	413353	40.101	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	196378	40.790	ng	99
41) Hexachlorocyclopentadiene	8.939	237	57315	40.311	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	130083	41.280	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 05 15:51:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	140152	40.864	ng	99
46) 1,1'-Biphenyl	9.251	154	521663	39.526	ng	98
47) 2-Chloronaphthalene	9.275	162	408289	39.690	ng	100
48) 2-Nitroaniline	9.375	65	137877	42.611	ng	97
49) Acenaphthylene	9.692	152	582863	40.477	ng	100
50) Dimethylphthalate	9.551	163	462460	40.461	ng	100
51) 2,6-Dinitrotoluene	9.616	165	108549	40.902	ng	96
52) Acenaphthene	9.863	154	424189	41.234	ng	99
53) 3-Nitroaniline	9.786	138	105728	40.648	ng	98
54) 2,4-Dinitrophenol	9.892	184	56897	46.121	ng	90
55) Dibenzofuran	10.033	168	559125	40.604	ng	96
56) 4-Nitrophenol	9.963	139	79433	41.757	ng	91
57) 2,4-Dinitrotoluene	10.022	165	148623	43.255	ng	94
58) Fluorene	10.380	166	445212	41.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	116047	43.009	ng	96
60) Diethylphthalate	10.251	149	451800	40.767	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	218833	41.942	ng	96
62) 4-Nitroaniline	10.398	138	112018	43.805	ng	90
63) Azobenzene	10.533	77	442185	39.861	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	81693	47.093	ng	94
66) n-Nitrosodiphenylamine	10.492	169	375589	39.596	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	134728	41.034	ng	97
68) Hexachlorobenzene	10.927	284	143713	41.264	ng	99
69) Atrazine	11.016	200	120467	37.984	ng	99
70) Pentachlorophenol	11.122	266	89197	43.736	ng	99
71) Phenanthrene	11.339	178	659727	41.848	ng	100
72) Anthracene	11.392	178	647901	41.945	ng	99
73) Carbazole	11.551	167	589368	43.030	ng	99
74) Di-n-butylphthalate	11.880	149	689234	41.523	ng	99
75) Fluoranthene	12.527	202	704384	45.252	ng	99
77) Benzidine	12.657	184	243520	40.163	ng	99
78) Pyrene	12.757	202	717034	39.495	ng	100
80) Butylbenzylphthalate	13.380	149	258917	40.822	ng	98
81) Benzo(a)anthracene	13.951	228	505330	38.719	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	157600	37.967	ng	98
83) Chrysene	13.986	228	468237	39.147	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	324105	40.283	ng	100
85) Di-n-octyl phthalate	14.568	149	463778	37.112	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	449874	40.777	ng	95
88) Benzo(b)fluoranthene	15.004	252	448091m	41.674	ng	
89) Benzo(k)fluoranthene	15.033	252	394915	41.460	ng	98
90) Benzo(a)pyrene	15.362	252	378746	41.684	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	358157	40.350	ng	97
92) Benzo(g,h,i)perylene	17.303	276	373186	40.435	ng #	94

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

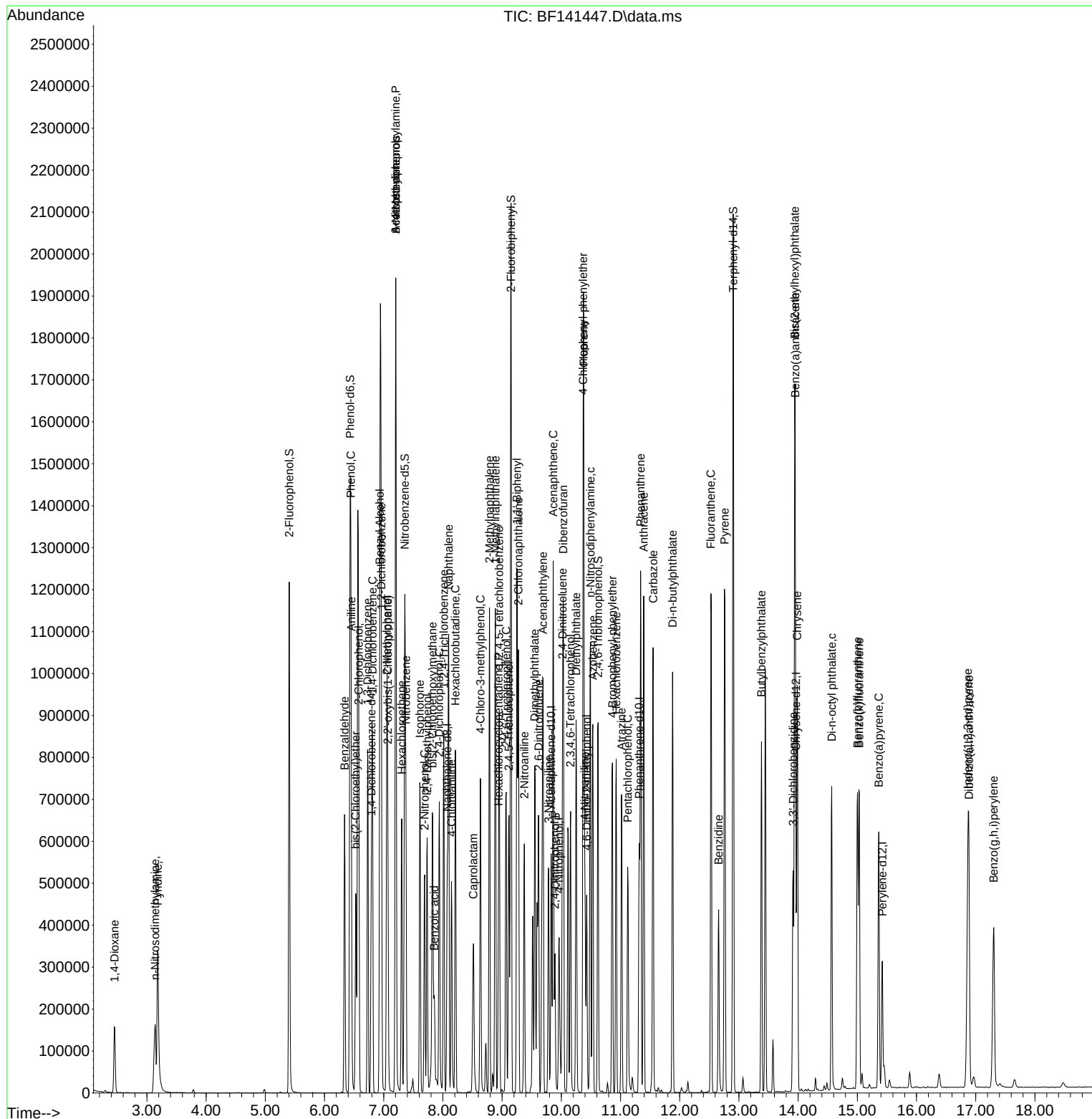

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Acq On    : 05 Feb 2025  15:16  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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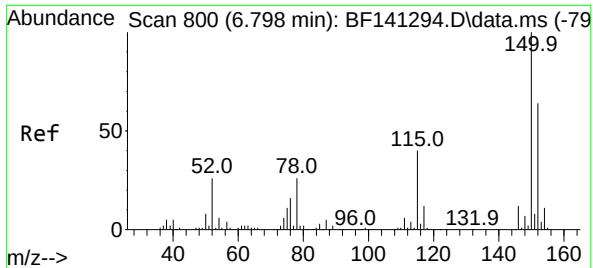
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

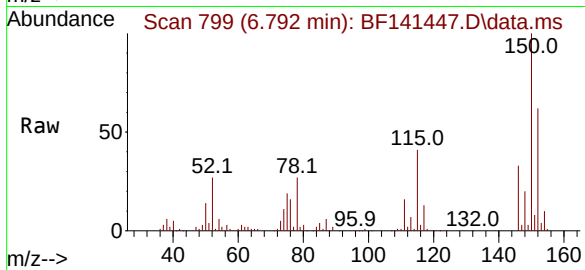
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

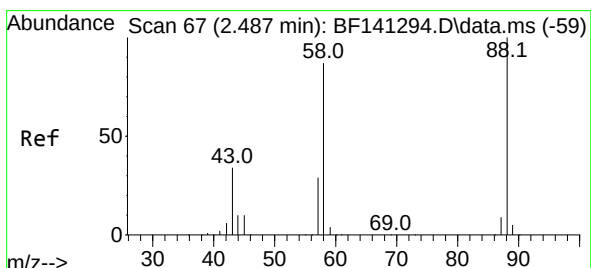
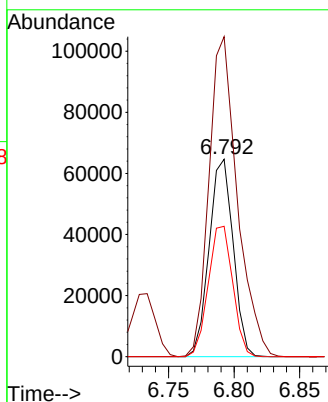
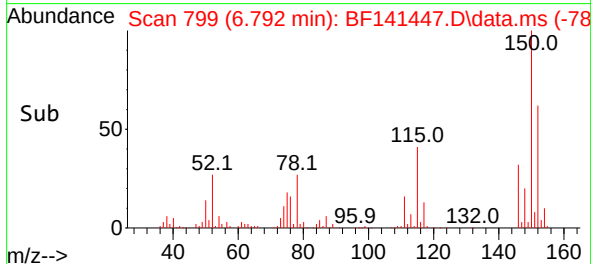
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 82418
Ion Ratio Lower Upper
152 100
150 162.1 125.9 188.9
115 66.1 49.7 74.5

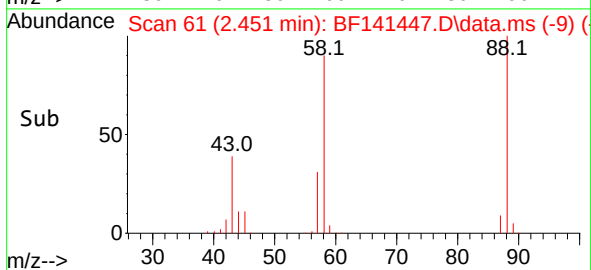
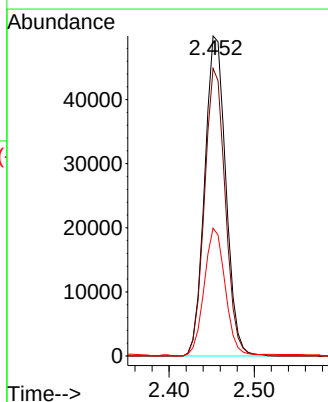
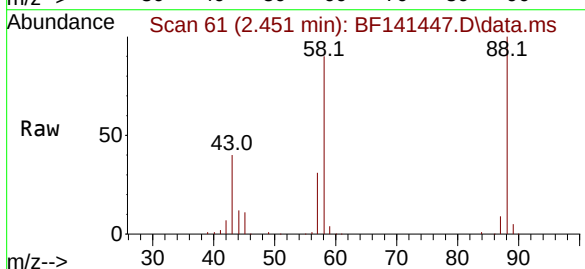
Manual Integrations
APPROVED

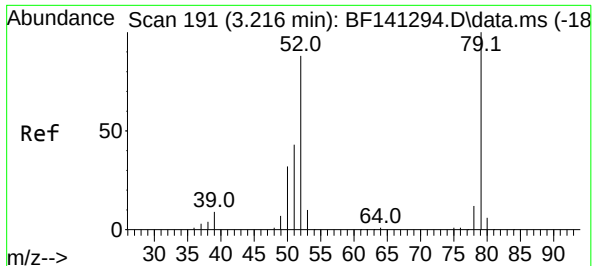
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#2
1,4-Dioxane
Concen: 36.458 ng
RT: 2.451 min Scan# 61
Delta R.T. -0.041 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

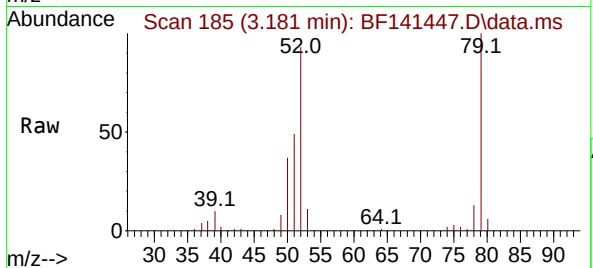
Tgt Ion: 88 Resp: 86079
Ion Ratio Lower Upper
88 100
58 88.4 70.2 105.4
43 39.8 27.6 41.4





#3
Pyridine
Concen: 37.303 ng
RT: 3.181 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

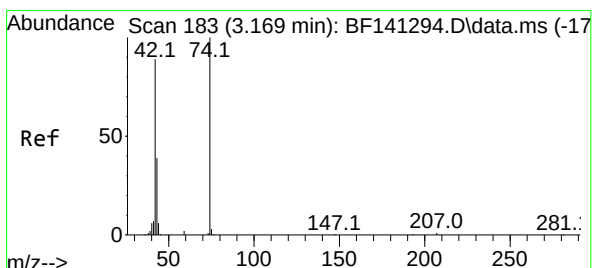
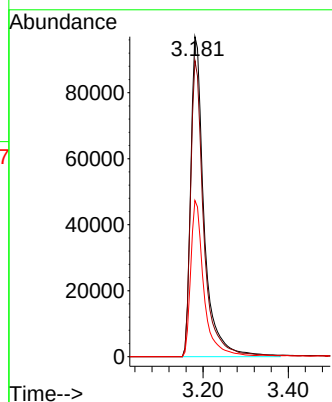
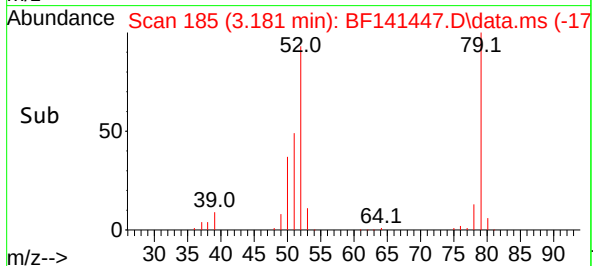
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



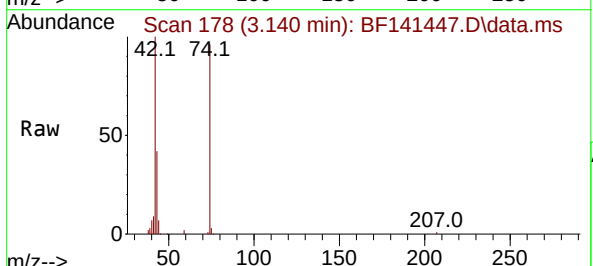
Tgt Ion: 79 Resp: 212209
Ion Ratio Lower Upper
79 100
52 92.6 70.3 105.5
51 48.8 34.3 51.5

Manual Integrations
APPROVED

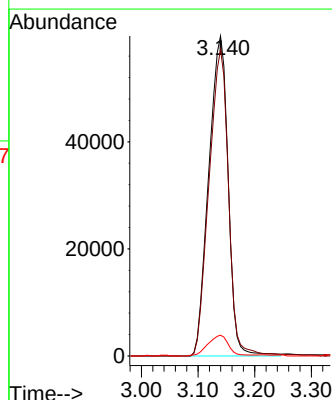
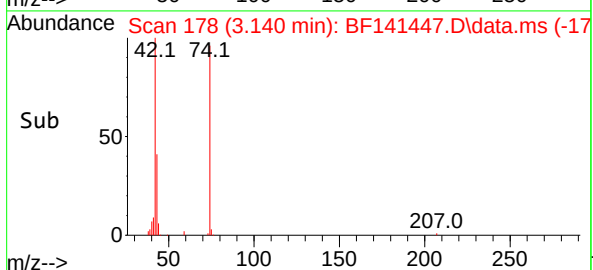
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

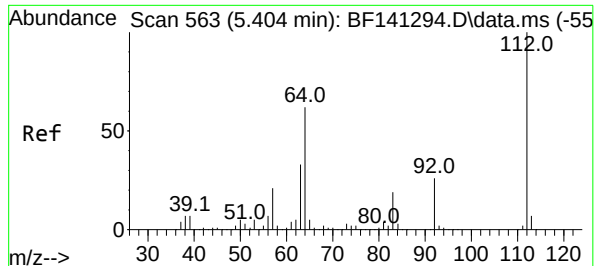


#4
n-Nitrosodimethylamine
Concen: 43.755 ng m
RT: 3.140 min Scan# 178
Delta R.T. -0.059 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion: 42 Resp: 142194
Ion Ratio Lower Upper
42 100
74 95.8 90.3 135.5
44 6.5 5.7 8.5





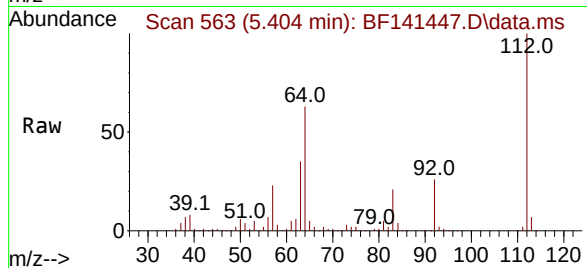
#5
2-Fluorophenol
Concen: 80.382 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

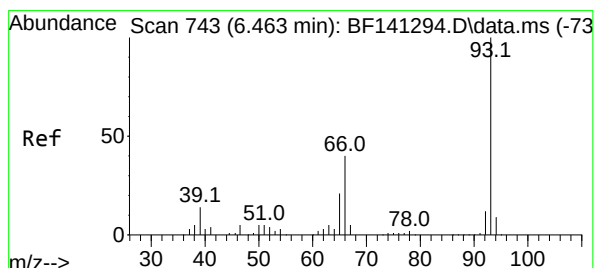
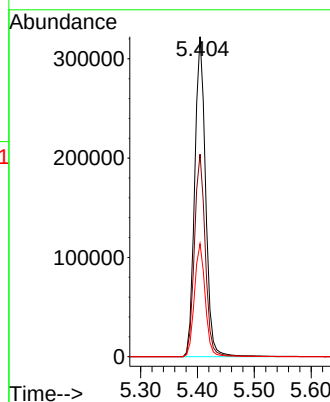
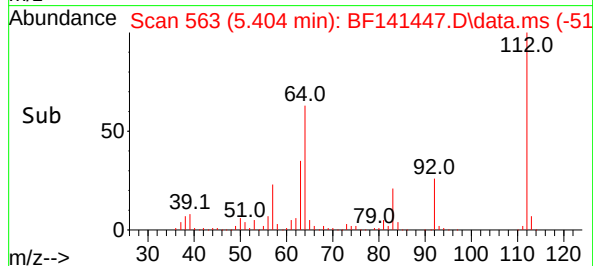


Tgt Ion:112 Resp: 43153
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 35.3 26.1 39.1

Manual Integrations

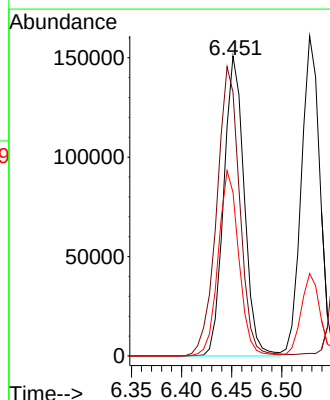
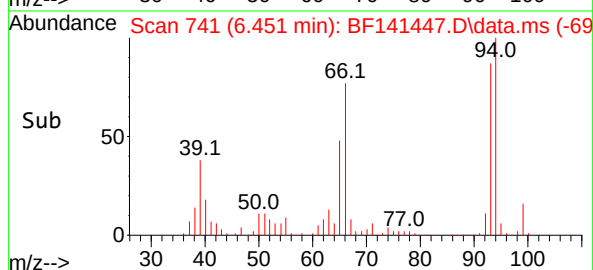
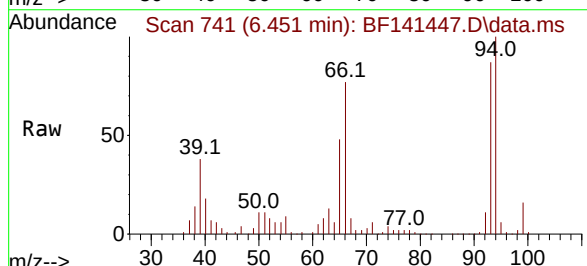
APPROVED

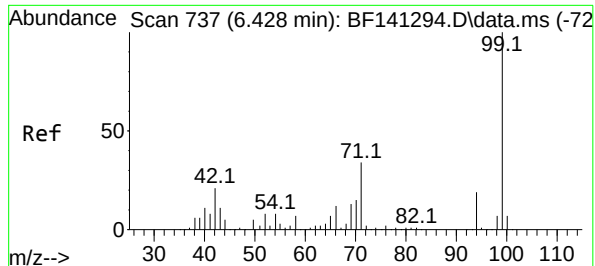
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 36.942 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion: 93 Resp: 213567
Ion Ratio Lower Upper
93 100
66 87.9 32.5 48.7#
65 54.5 17.0 25.6#





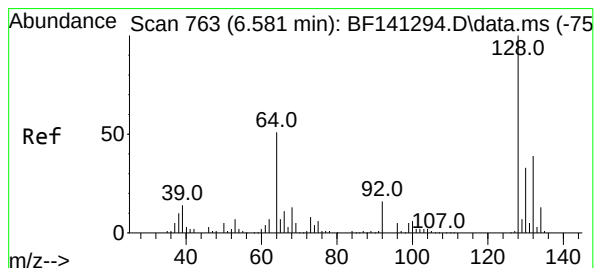
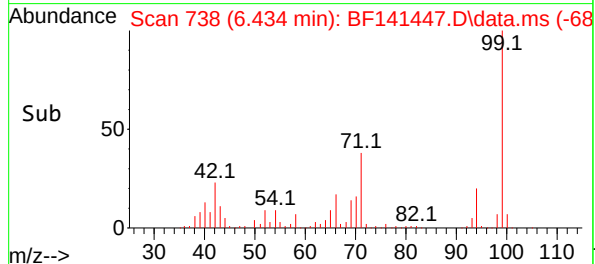
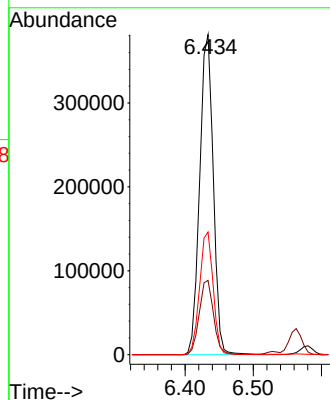
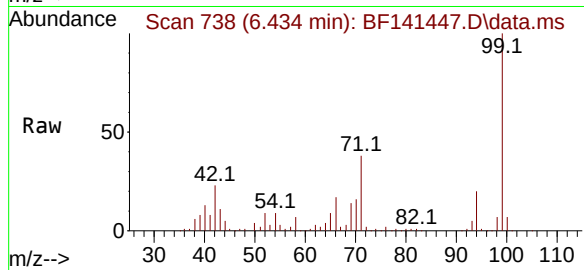
#7
Phenol-d6
Concen: 77.175 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 52706
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.3 26.9 40.3

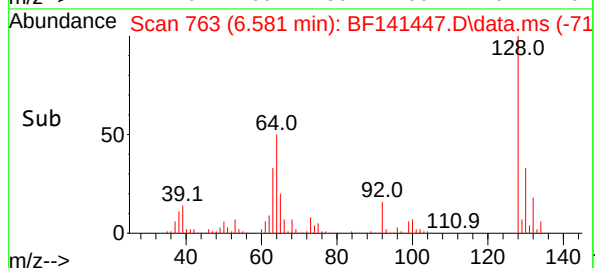
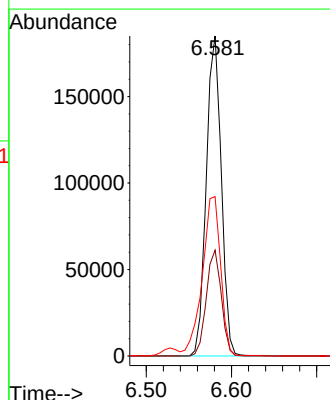
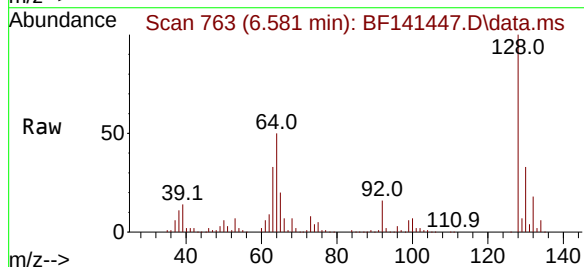
Manual Integrations
APPROVED

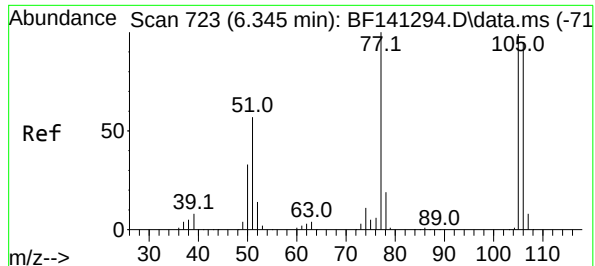
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#8
2-Chlorophenol
Concen: 39.384 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:128 Resp: 226620
Ion Ratio Lower Upper
128 100
130 33.1 12.5 52.5
64 49.8 32.9 72.9





#9

Benzaldehyde

Concen: 44.359 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 175486

Ion Ratio Lower Upper

77 100

105 97.5 79.4 119.4

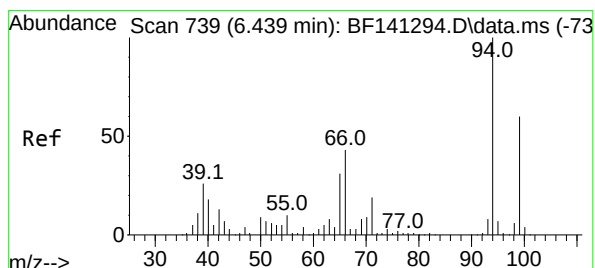
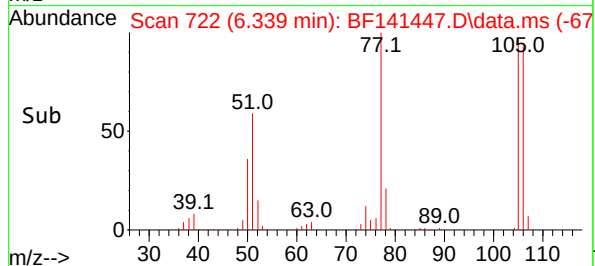
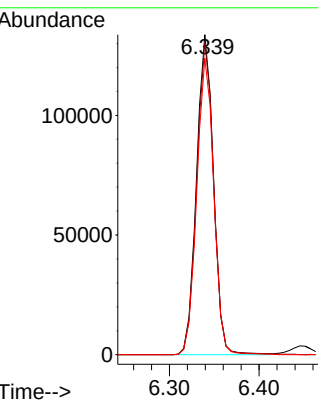
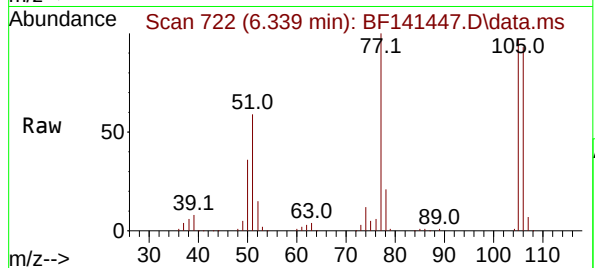
106 92.7 74.6 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#10

Phenol

Concen: 38.522 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

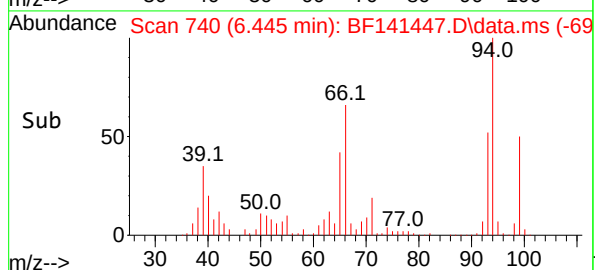
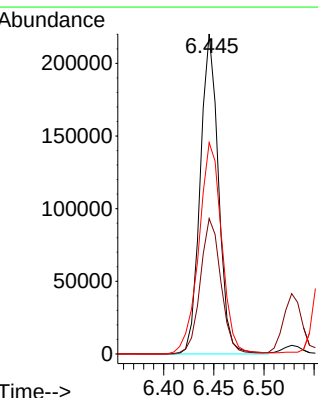
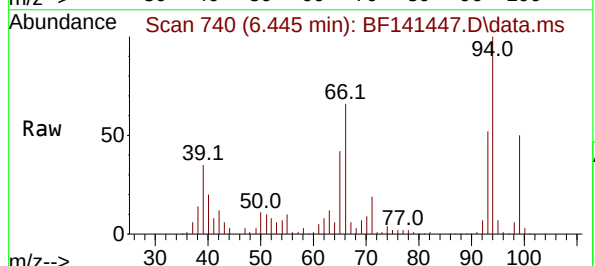
Tgt Ion: 94 Resp: 278886

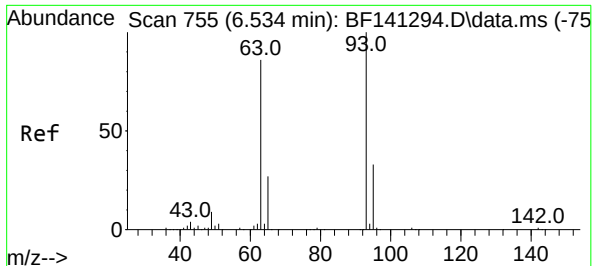
Ion Ratio Lower Upper

94 100

65 42.3 10.8 50.8

66 66.1 23.3 63.3#





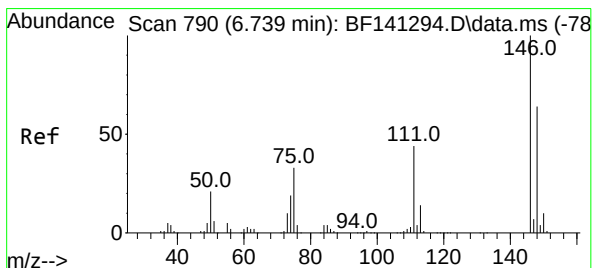
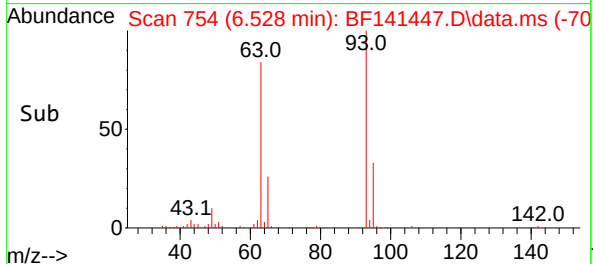
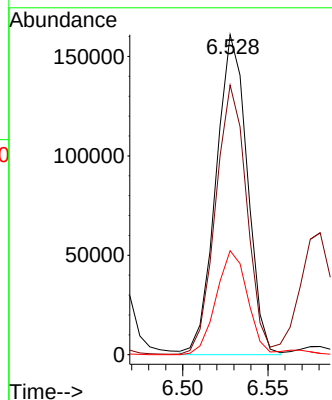
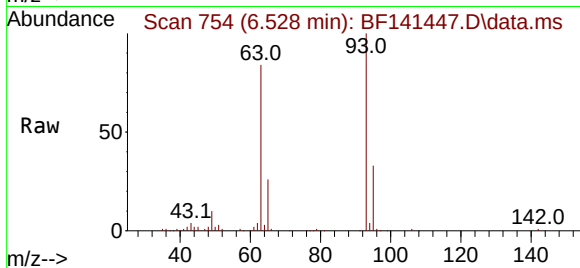
#11
bis(2-Chloroethyl)ether
Concen: 37.123 ng
RT: 6.528 min Scan# 714
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 206064
Ion Ratio Lower Upper
93 100
63 84.3 65.0 105.0
95 32.5 12.4 52.4

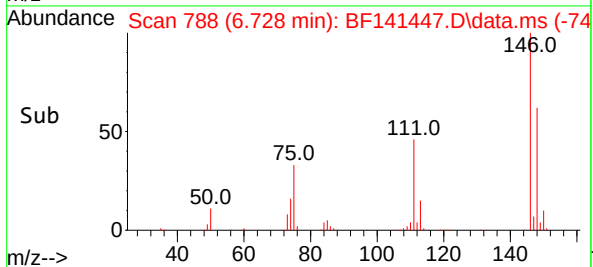
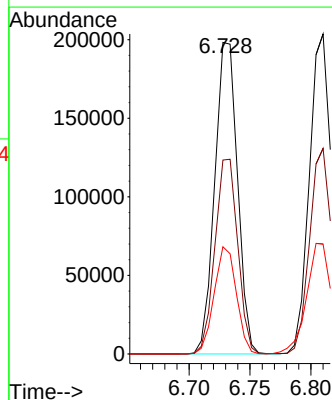
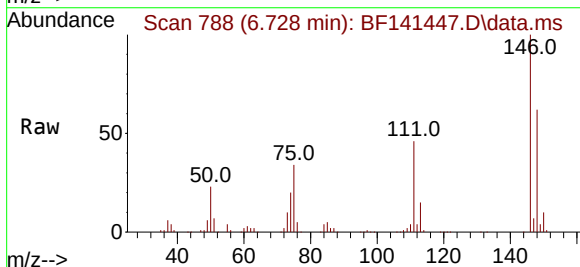
Manual Integrations
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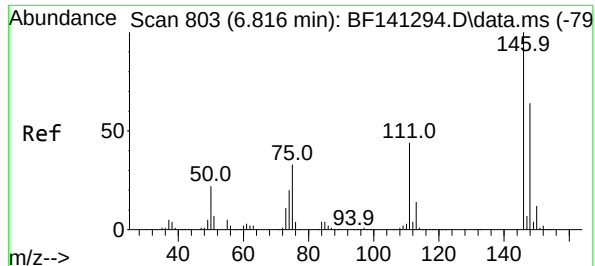
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 40.714 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:146 Resp: 258314
Ion Ratio Lower Upper
146 100
148 62.3 51.2 76.8
75 34.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 40.346 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 257154

Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

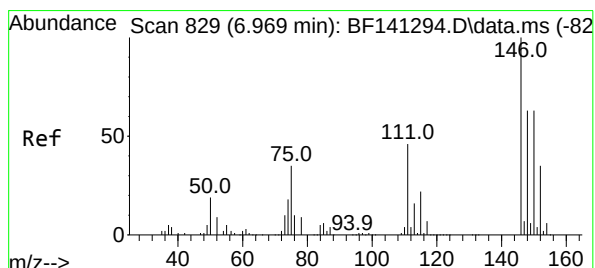
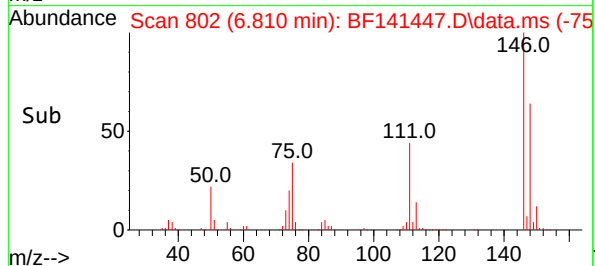
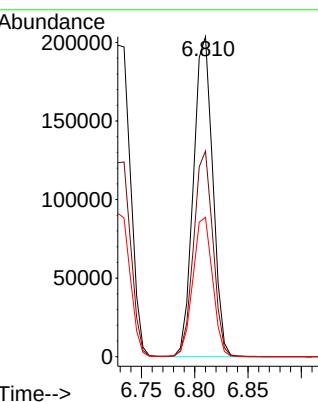
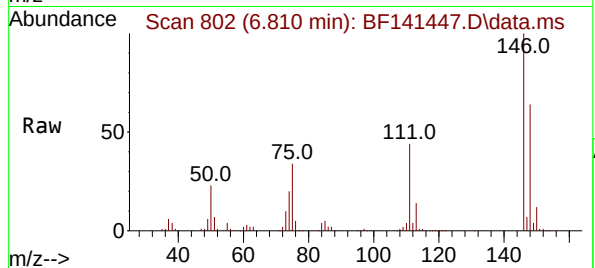
111 43.6 35.0 52.4

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#14

1,2-Dichlorobenzene

Concen: 40.781 ng

RT: 6.963 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

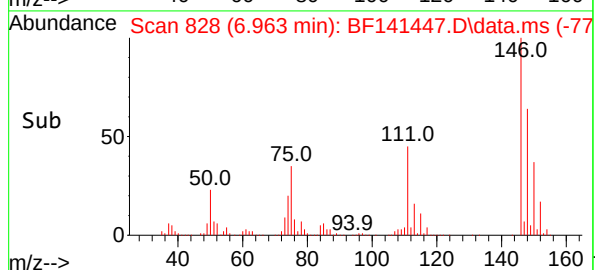
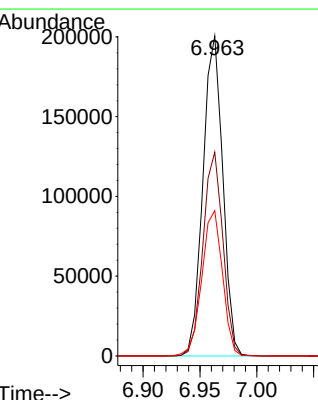
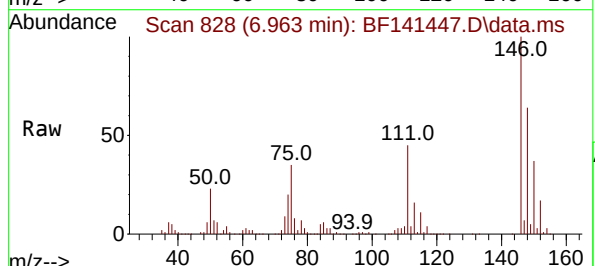
Tgt Ion:146 Resp: 243391

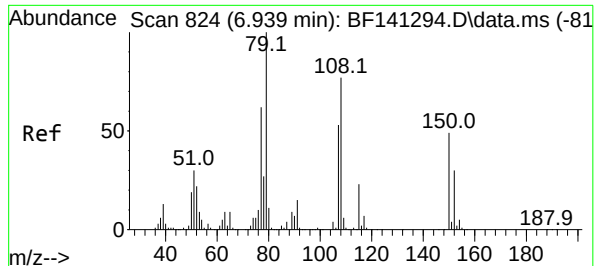
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

111 45.4 36.6 55.0





#15

Benzyl Alcohol

Concen: 42.111 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 19654

Ion Ratio Lower Upper

79 100

108 71.3 61.4 92.0

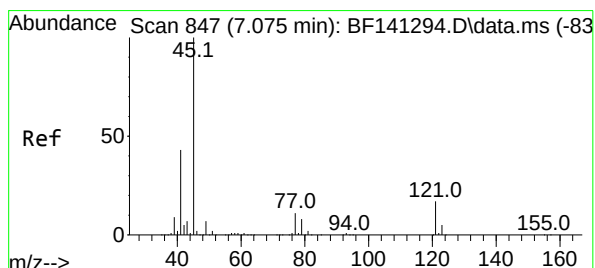
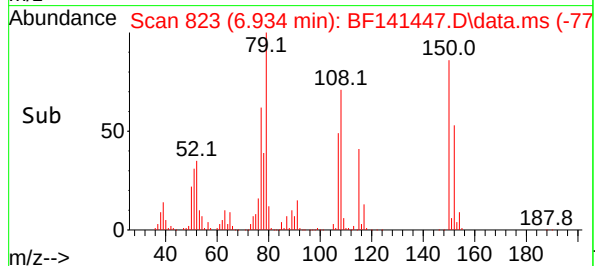
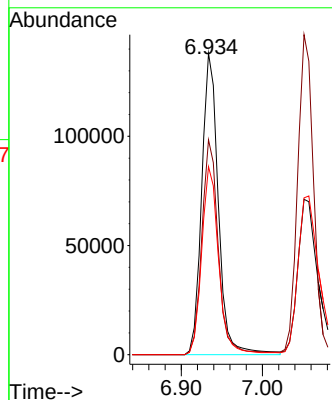
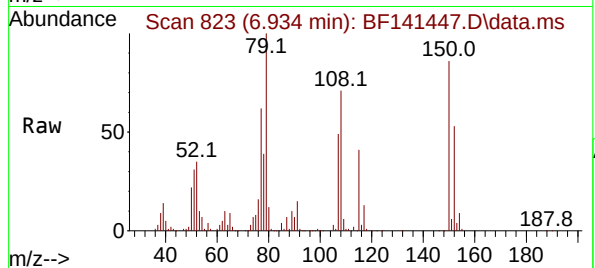
77 62.4 49.9 74.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.215 ng

RT: 7.069 min Scan# 846

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

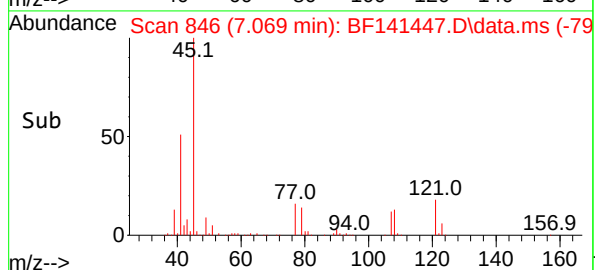
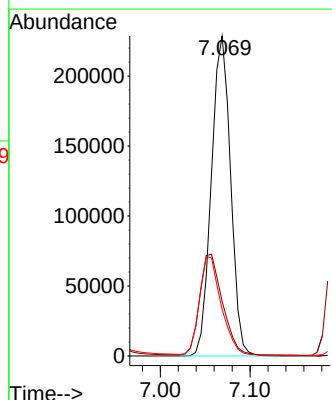
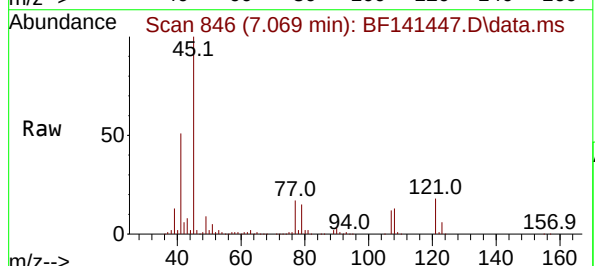
Tgt Ion: 45 Resp: 339918

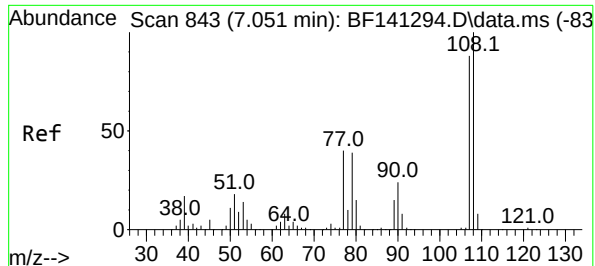
Ion Ratio Lower Upper

45 100

77 17.1 0.0 31.8

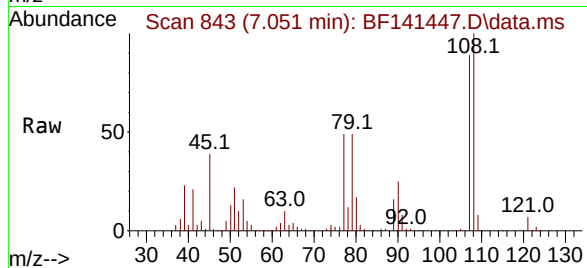
79 14.5 0.0 29.1





#17
2-Methylphenol
Concen: 37.700 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

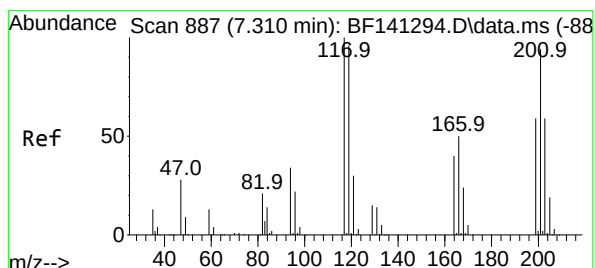
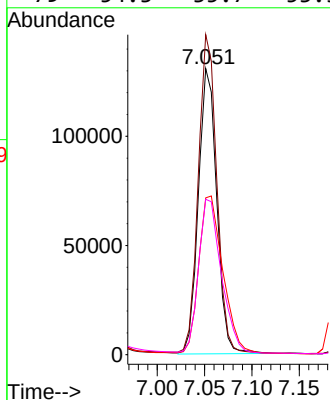
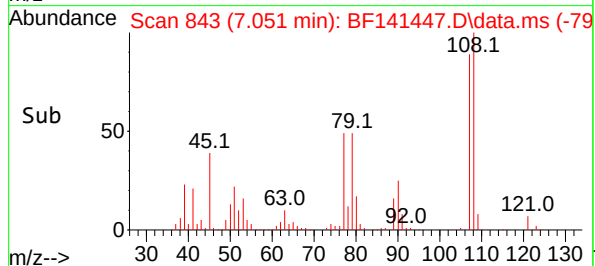
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



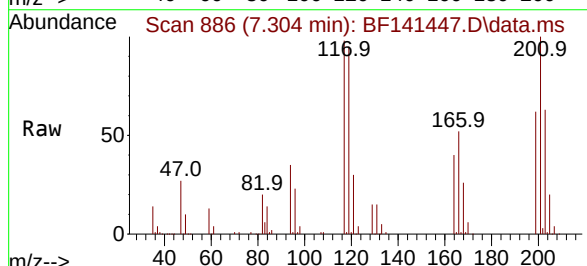
Tgt Ion:107 Resp: 176300
Ion Ratio Lower Upper
107 100
108 111.9 90.8 136.2
77 54.8 36.2 54.4
79 54.3 35.7 53.5#

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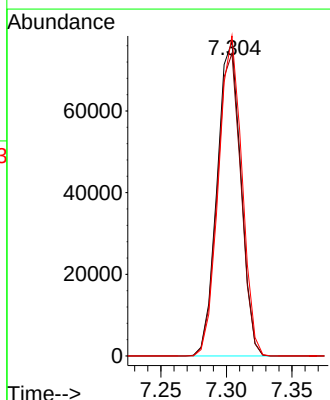
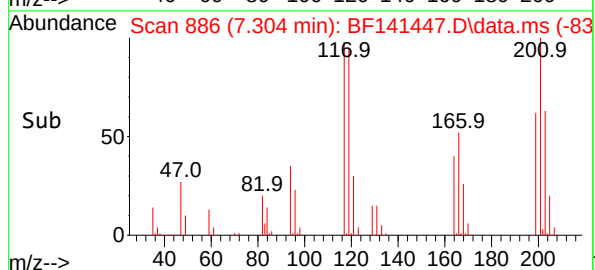
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

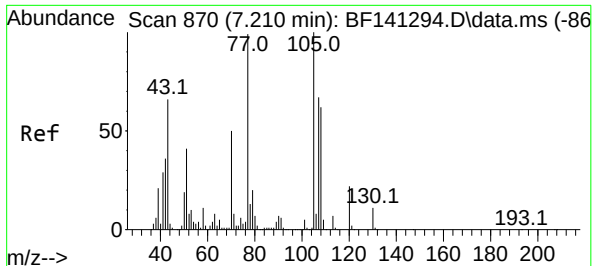


#18
Hexachloroethane
Concen: 41.142 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:117 Resp: 96738
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 101.8 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 38.029 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.024 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 15432

Ion Ratio Lower Upper

70 100

42 71.9 56.8 85.2

101 9.5 7.7 11.5

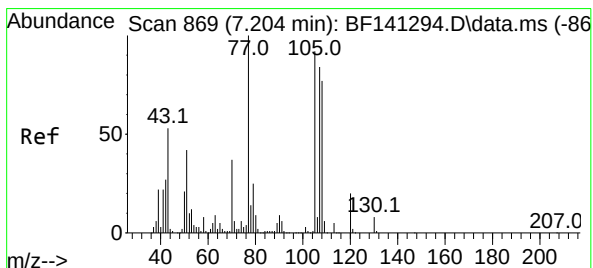
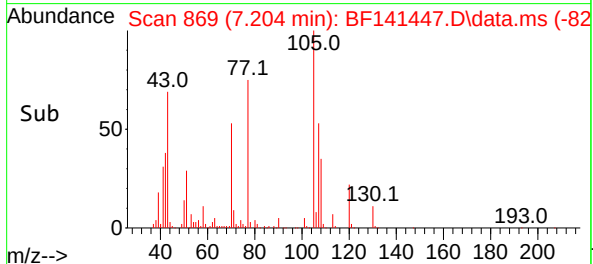
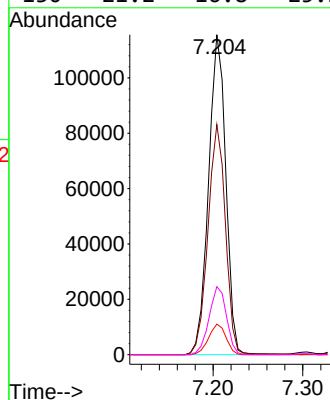
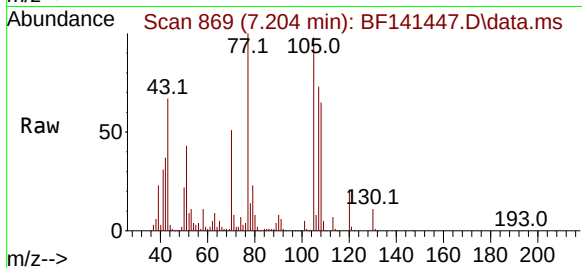
130 21.2 16.8 25.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#20

3+4-Methylphenols

Concen: 39.993 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:107 Resp: 229646

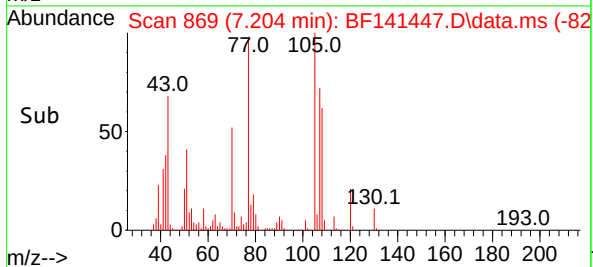
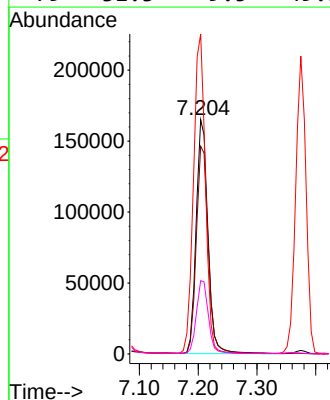
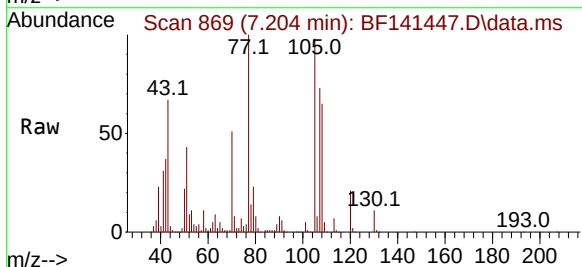
Ion Ratio Lower Upper

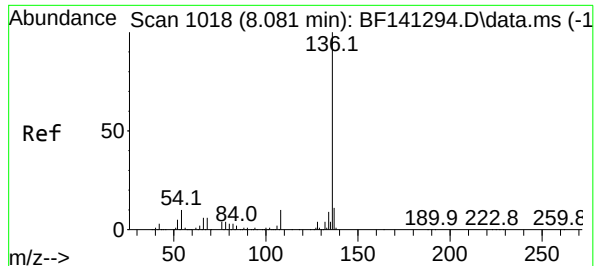
107 100

108 88.7 70.9 110.9

77 136.6 98.5 138.5

79 31.3 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF141447.D

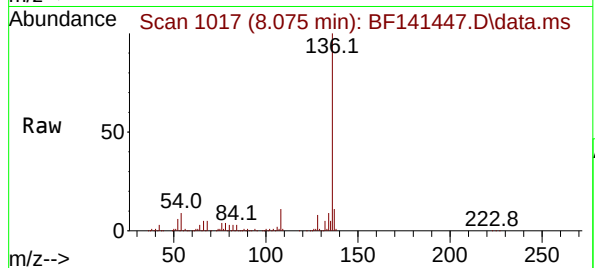
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 31252

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.9 7.8 11.8

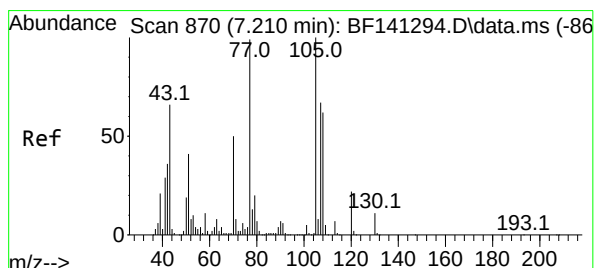
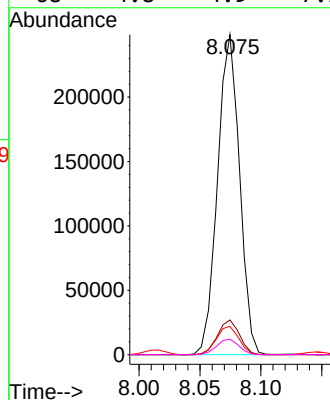
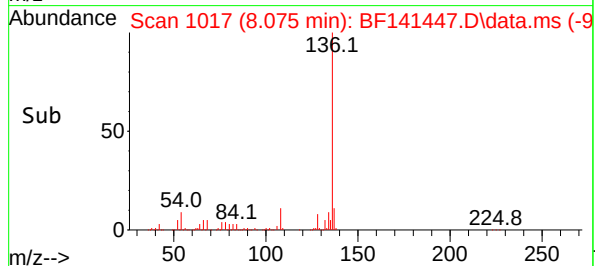
68 4.8 4.9 7.3#

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#22

Acetophenone

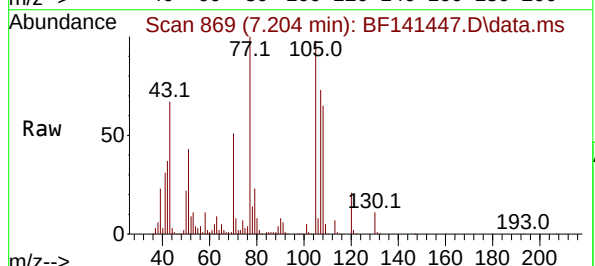
Concen: 41.690 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16



Tgt Ion:105 Resp: 309705

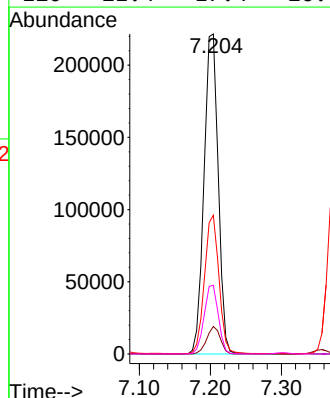
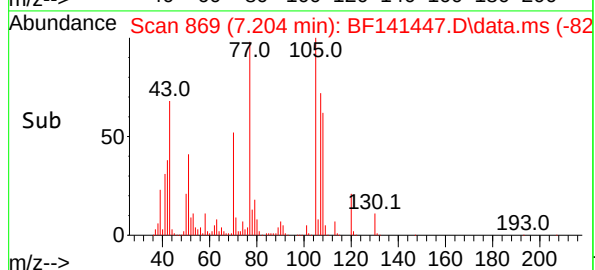
Ion Ratio Lower Upper

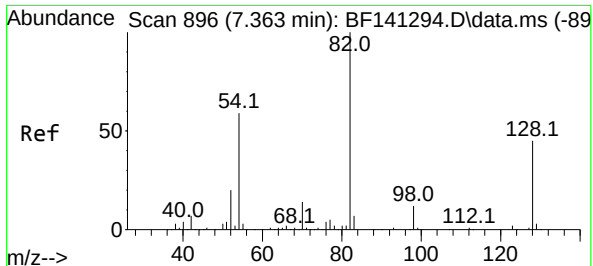
105 100

71 8.6 6.8 10.2

51 43.4 32.6 49.0

120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 84.661 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 501910

Ion Ratio Lower Upper

82 100

128 43.4 35.7 53.5

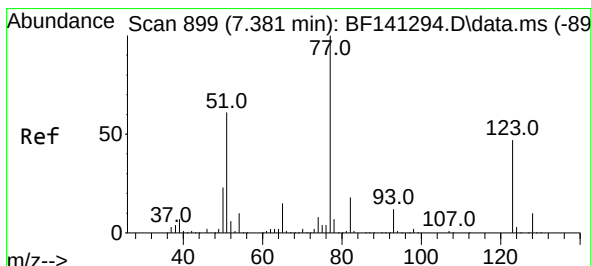
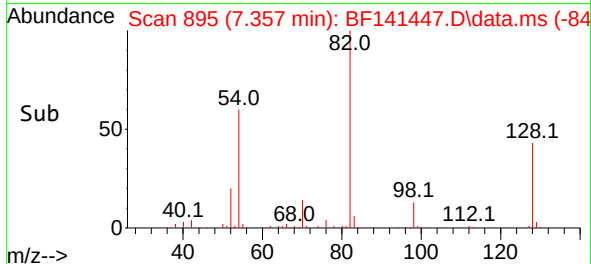
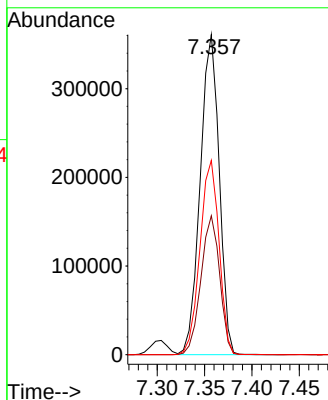
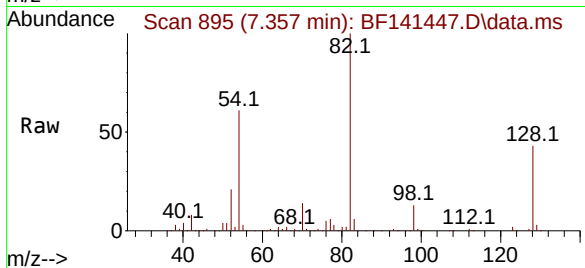
54 60.7 47.1 70.7

Manual Integrations

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#24

Nitrobenzene

Concen: 41.742 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

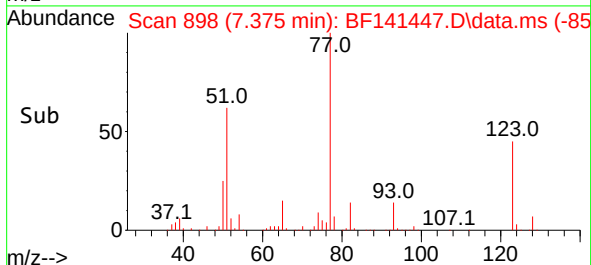
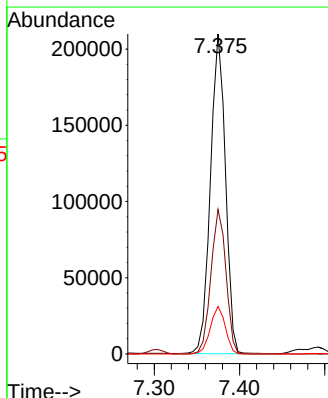
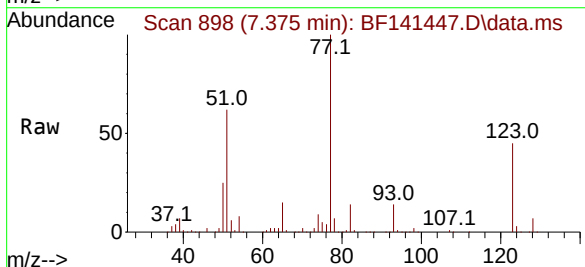
Tgt Ion: 77 Resp: 256448

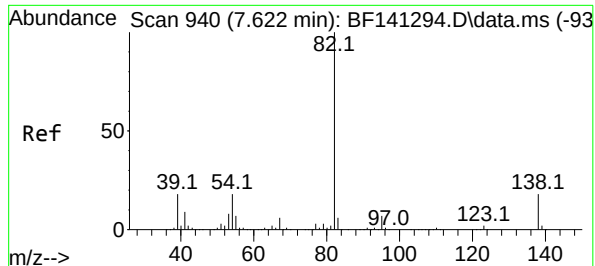
Ion Ratio Lower Upper

77 100

123 45.1 37.3 55.9

65 14.8 11.8 17.6





#25

Isophorone

Concen: 38.977 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 39943

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.6

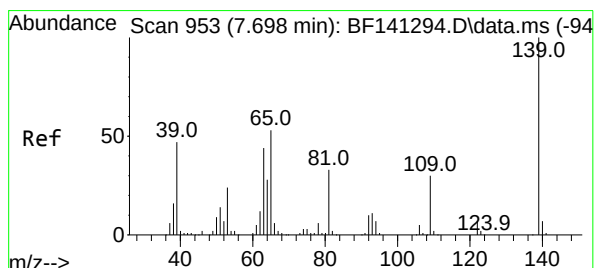
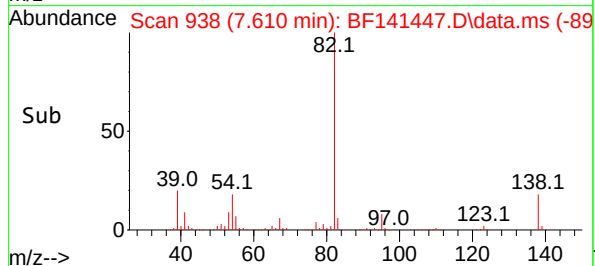
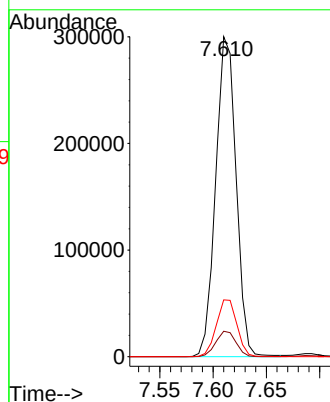
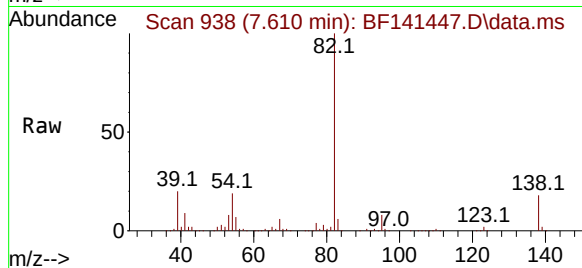
138 17.7 14.7 22.1

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Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#26

2-Nitrophenol

Concen: 41.507 ng

RT: 7.692 min Scan# 952

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

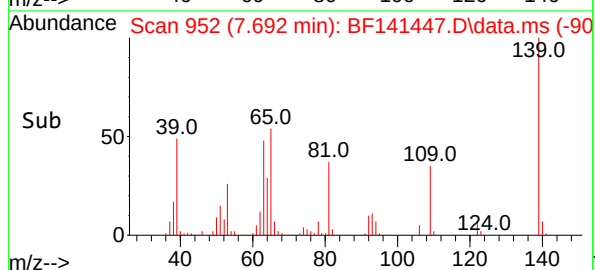
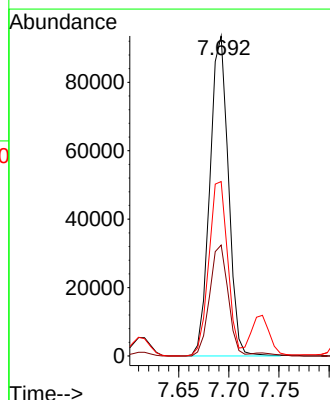
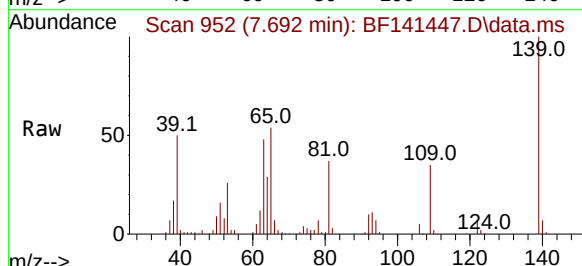
Tgt Ion:139 Resp: 120266

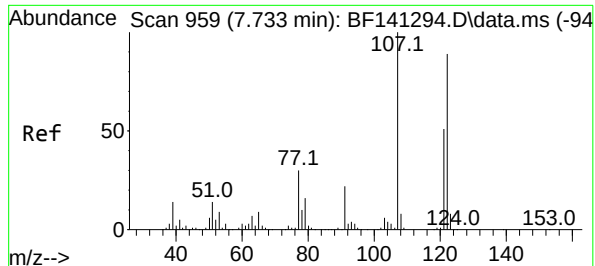
Ion Ratio Lower Upper

139 100

109 34.7 23.8 35.6

65 54.5 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 38.815 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141447.D

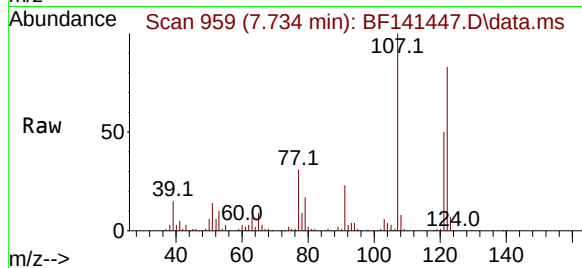
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 143150

Ion Ratio Lower Upper

122 100

107 119.9 89.9 134.9

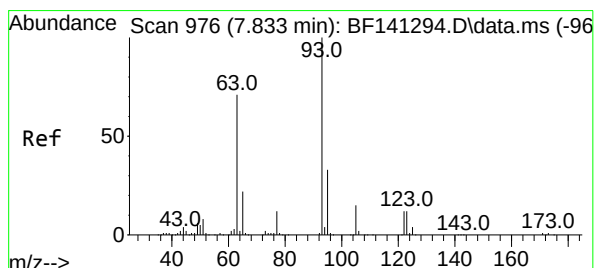
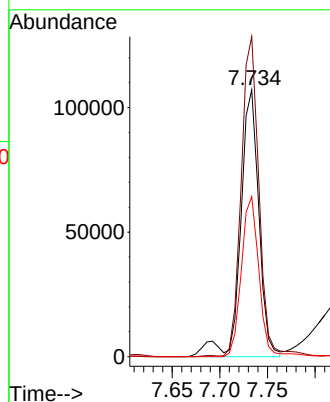
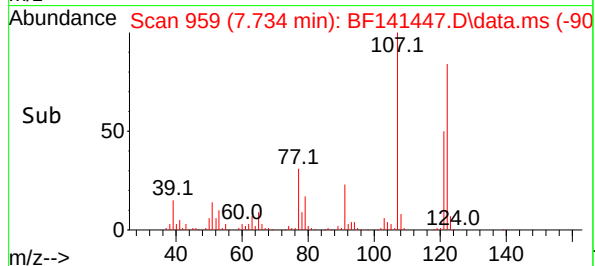
121 60.0 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#28

bis(2-Chloroethoxy)methane

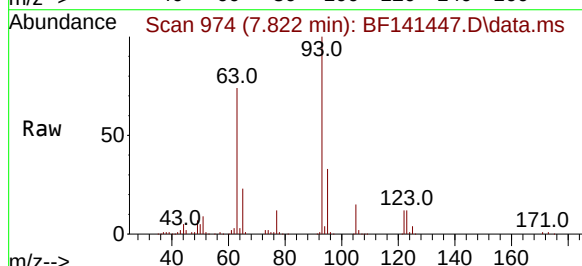
Concen: 37.637 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16



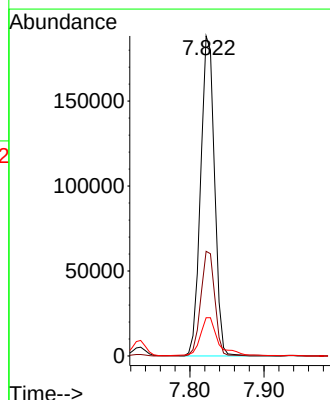
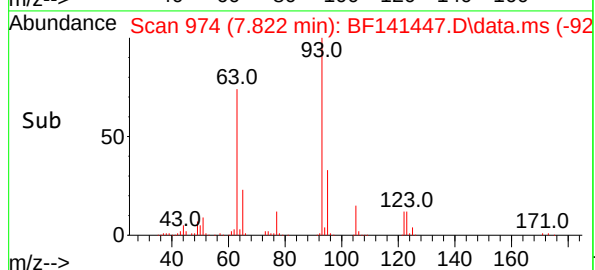
Tgt Ion: 93 Resp: 246023

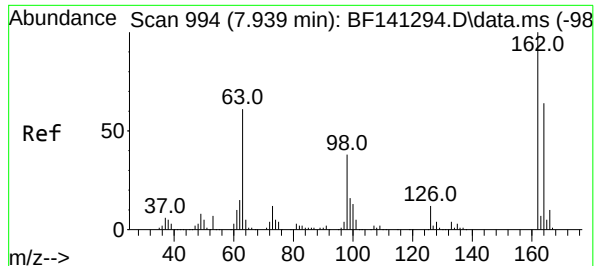
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.356 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141447.D

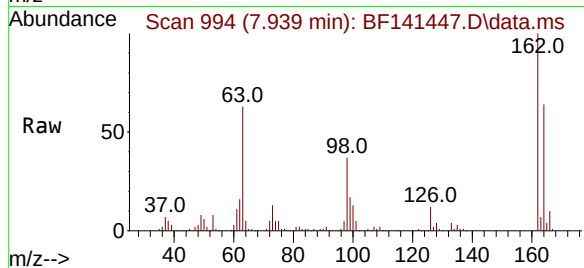
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 18672

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

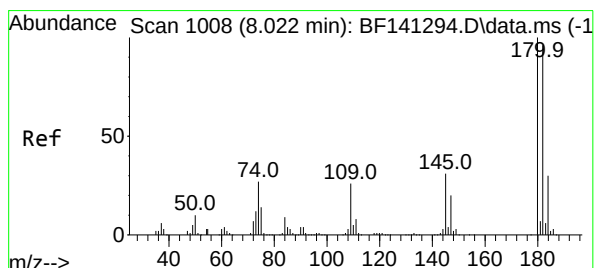
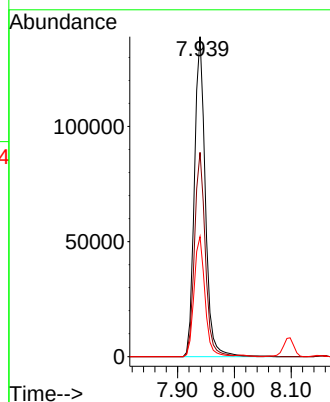
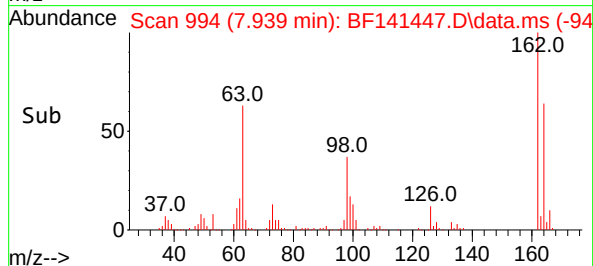
98 37.5 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.662 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

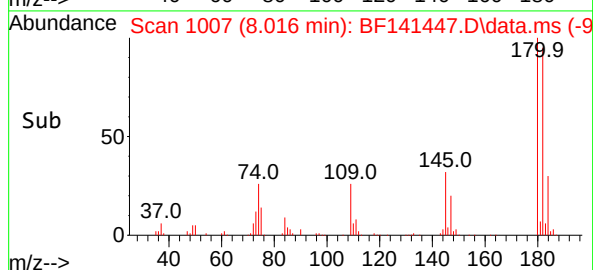
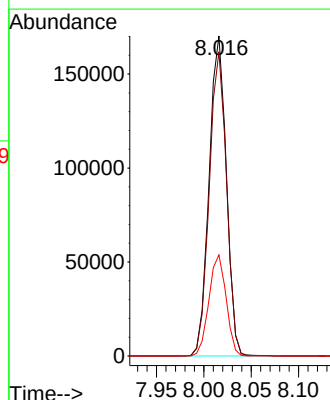
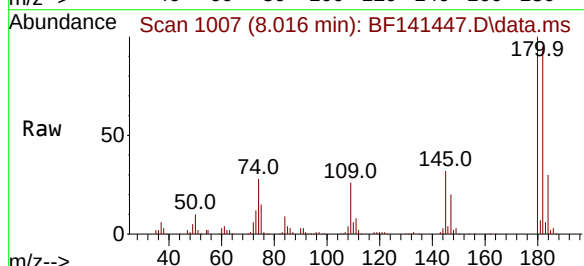
Tgt Ion:180 Resp: 214815

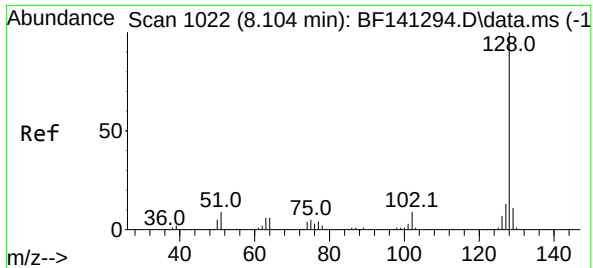
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.6 24.9 37.3





#31

Naphthalene

Concen: 40.542 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF141447.D

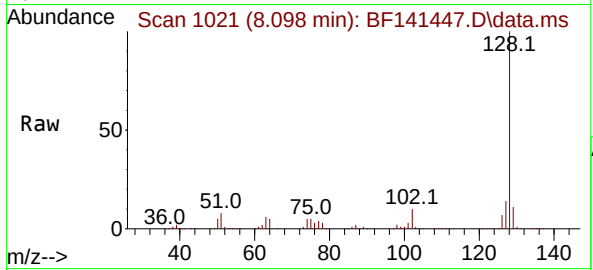
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:128 Resp: 66935

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

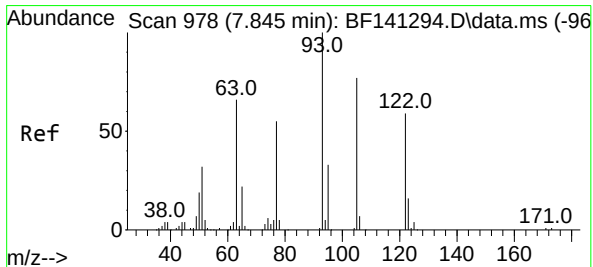
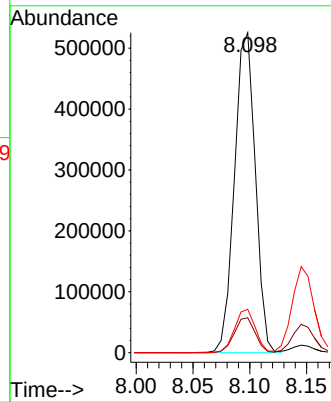
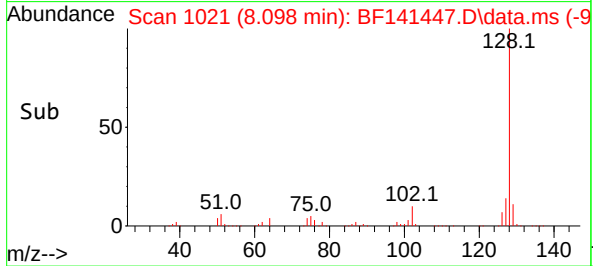
127 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#32

Benzoic acid

Concen: 42.178 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.030 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

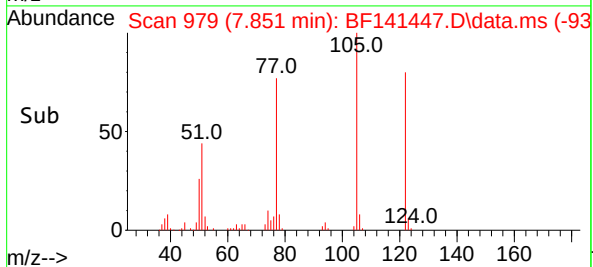
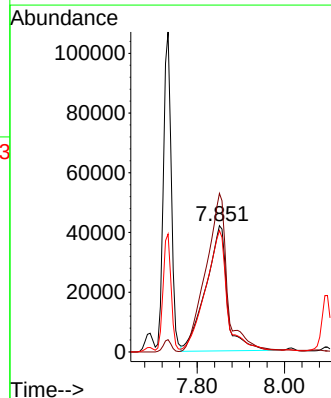
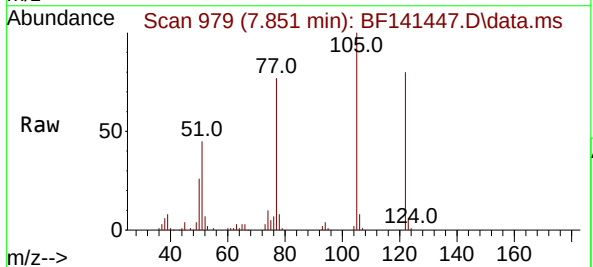
Tgt Ion:122 Resp: 142996

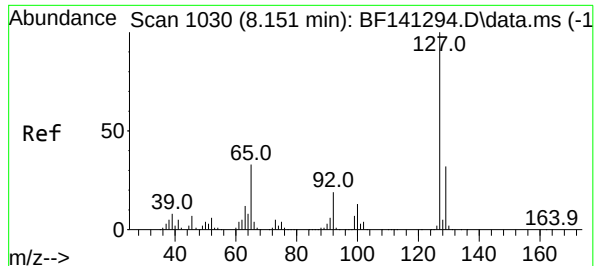
Ion Ratio Lower Upper

122 100

105 125.7 103.4 143.4

77 96.3 70.9 110.9





#33

4-Chloroaniline

Concen: 34.556 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 19346

Ion Ratio Lower Upper

127 100

129 33.0 25.7 38.5

65 34.0 26.4 39.6

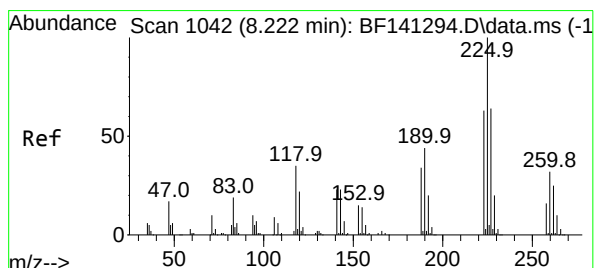
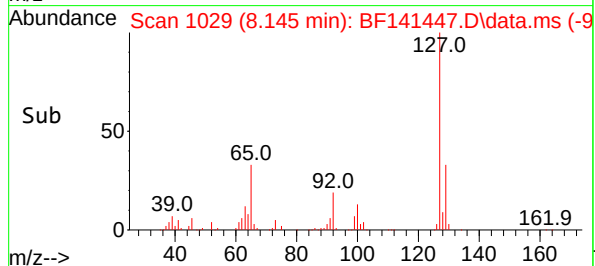
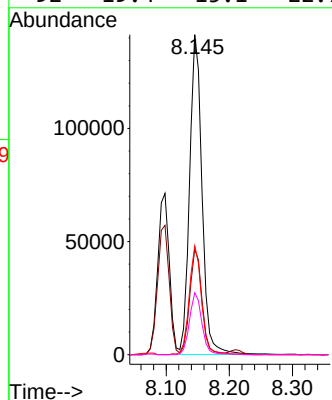
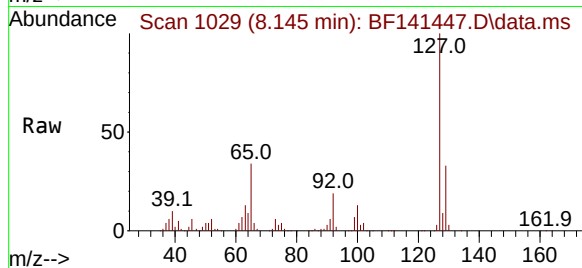
92 19.4 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#34

Hexachlorobutadiene

Concen: 43.752 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

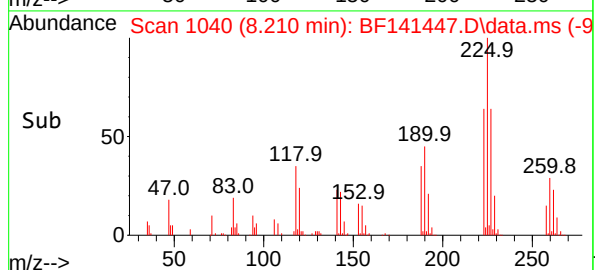
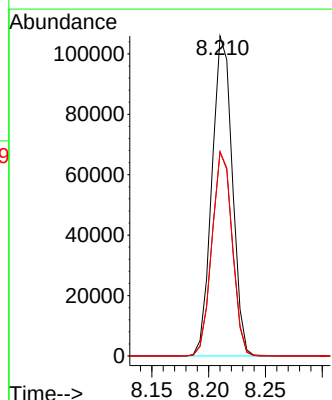
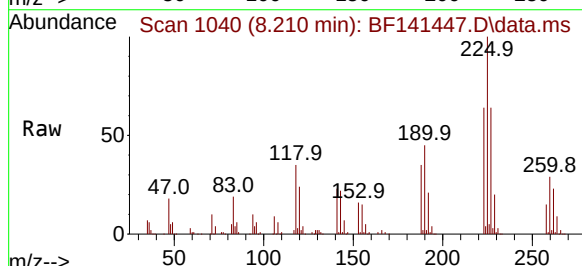
Tgt Ion:225 Resp: 132295

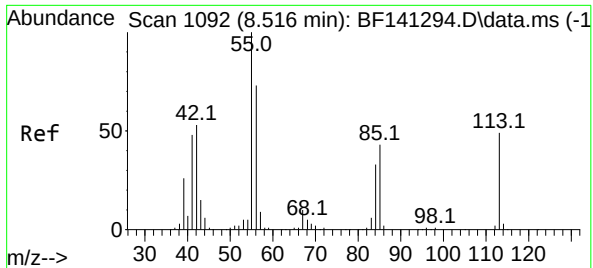
Ion Ratio Lower Upper

225 100

223 63.8 50.4 75.6

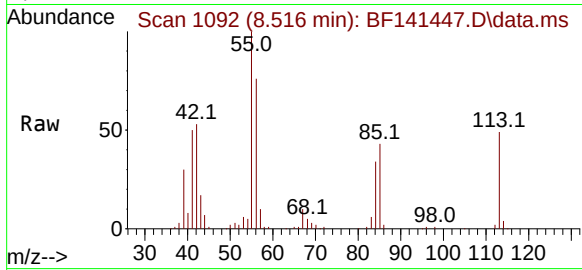
227 63.7 51.3 76.9





#35
Caprolactam
Concen: 39.508 ng
RT: 8.516 min Scan# 1092
Delta R.T. -0.030 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

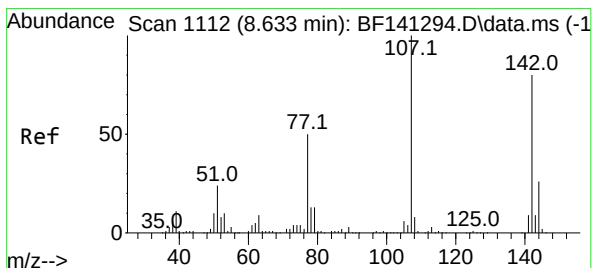
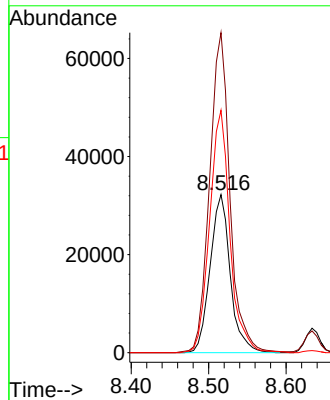
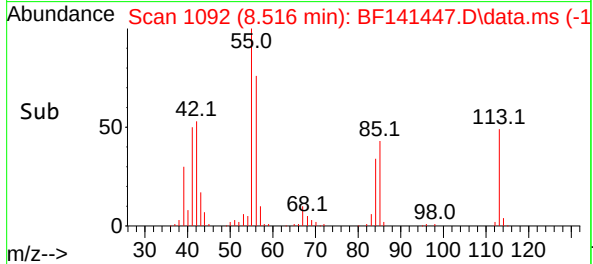
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 5825
Ion Ratio Lower Upper
113 100
55 202.4 182.9 222.9
56 153.3 127.9 167.9

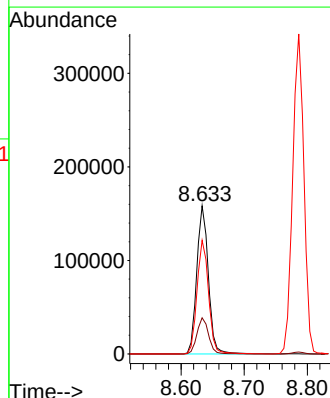
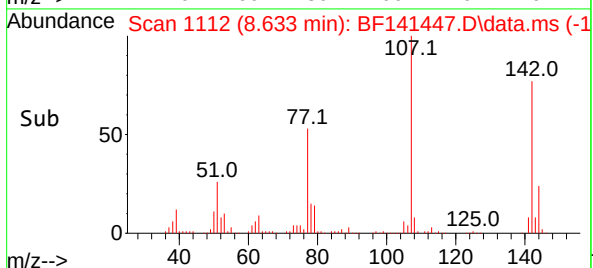
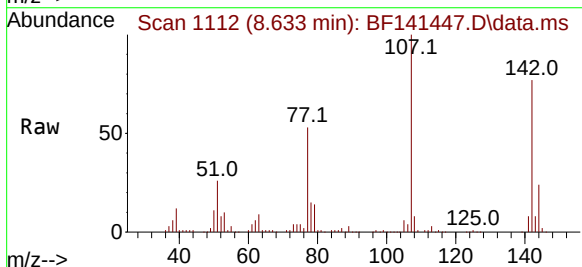
Manual Integrations
APPROVED

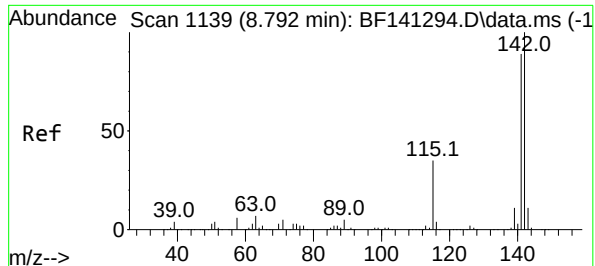
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#36
4-Chloro-3-methylphenol
Concen: 41.835 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

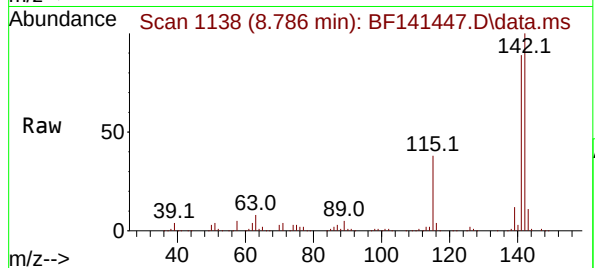
Tgt Ion:107 Resp: 202603
Ion Ratio Lower Upper
107 100
144 24.4 20.7 31.1
142 76.6 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.313 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

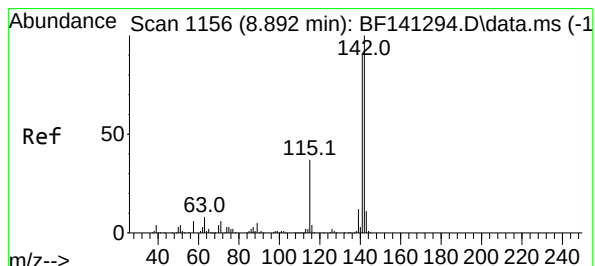
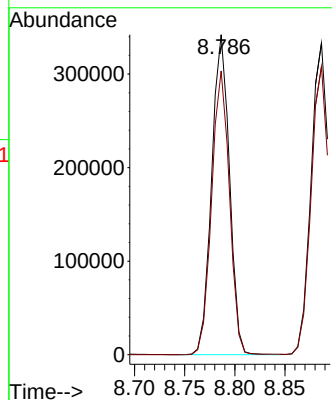
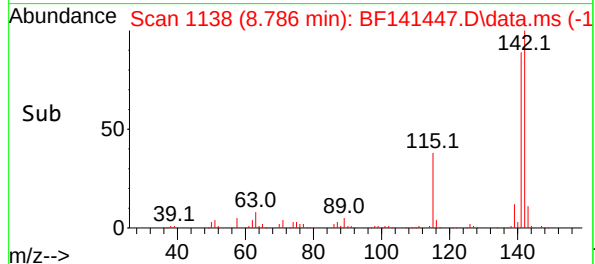
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 42302
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9

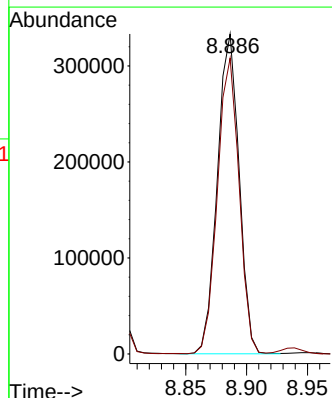
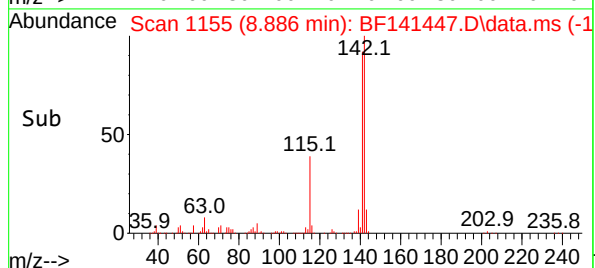
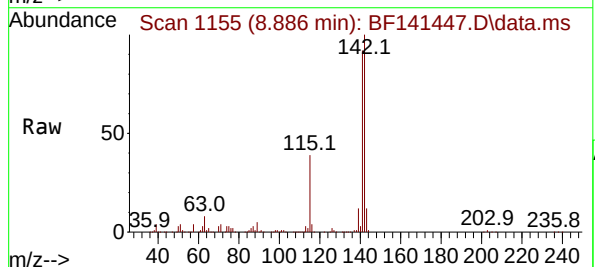
Manual Integrations
APPROVED

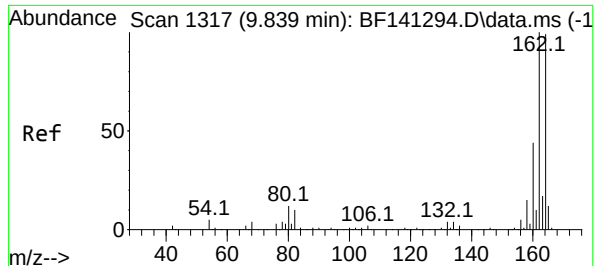
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 40.101 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:142 Resp: 413353
Ion Ratio Lower Upper
142 100
141 92.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF141447.D

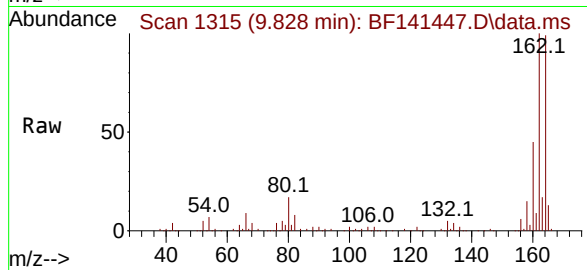
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 169230

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

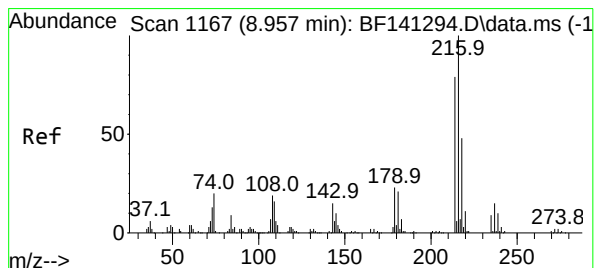
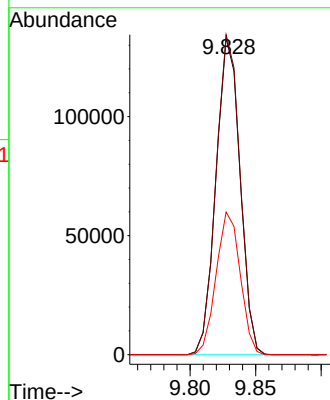
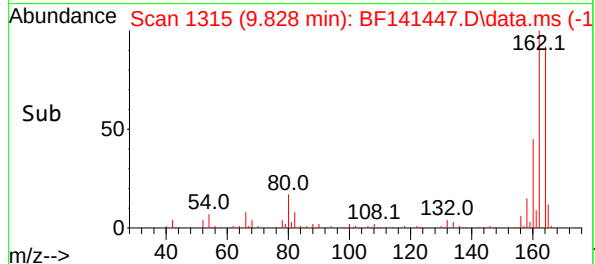
160 45.0 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.790 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:216 Resp: 196378

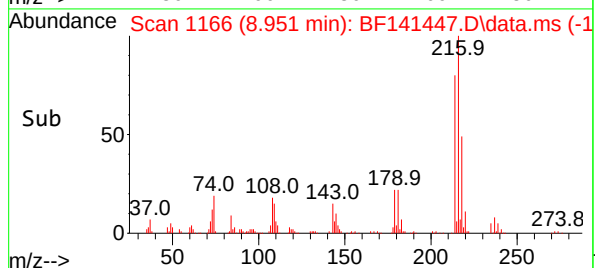
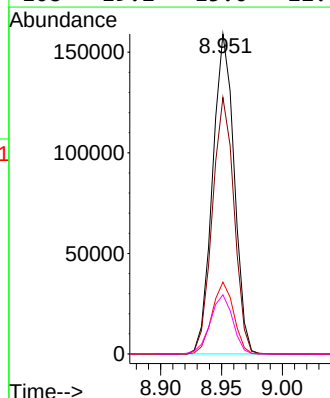
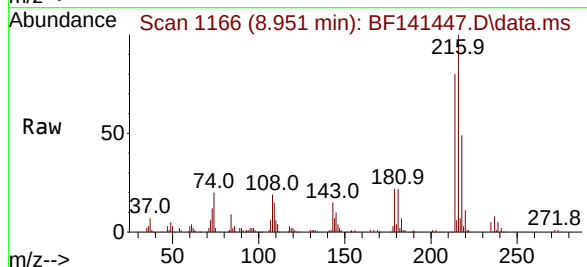
Ion Ratio Lower Upper

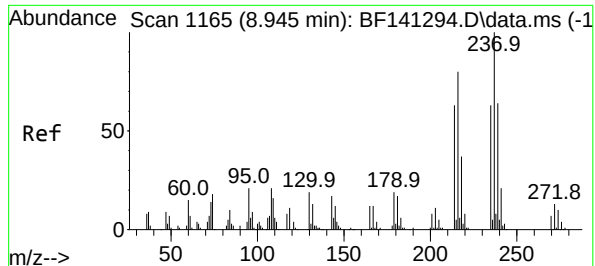
216 100

214 80.4 63.2 94.8

179 22.5 17.8 26.8

108 19.2 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 40.311 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 5731

Ion Ratio Lower Upper

237 100

235 61.0 42.9 82.9

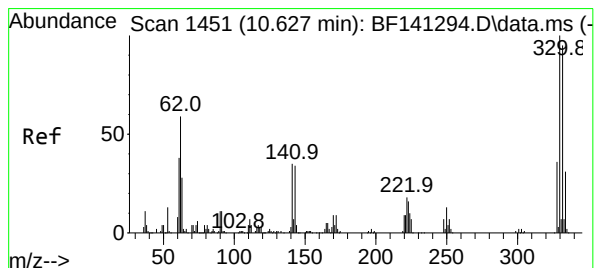
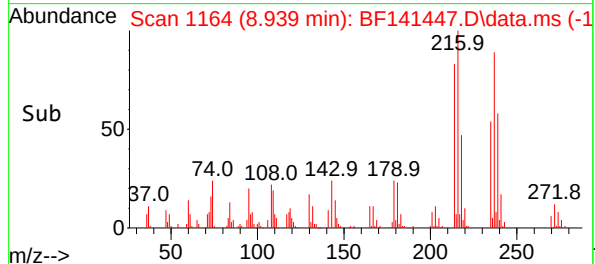
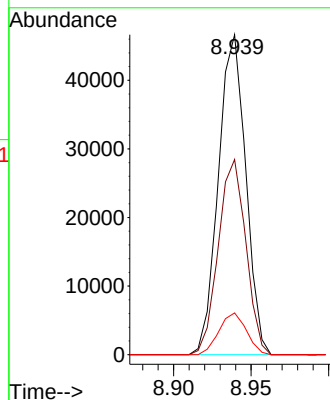
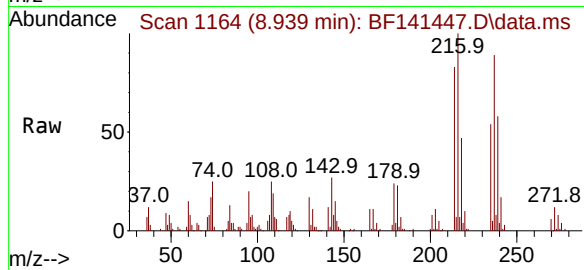
272 13.0 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#42

2,4,6-Tribromophenol

Concen: 88.675 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

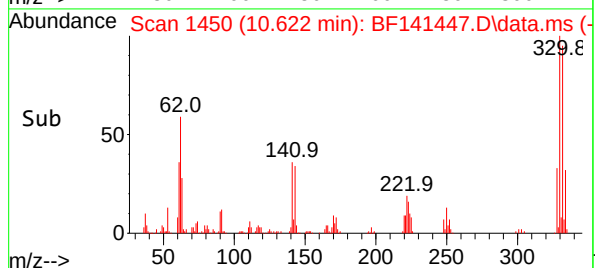
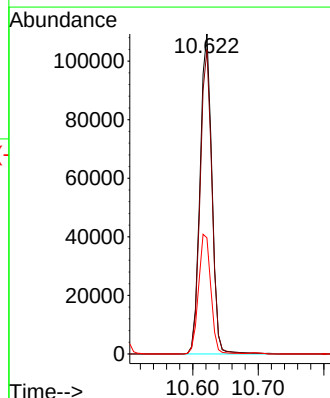
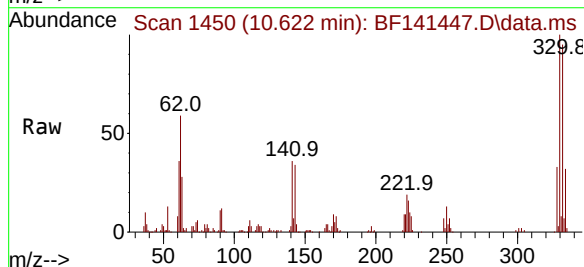
Tgt Ion:330 Resp: 137575

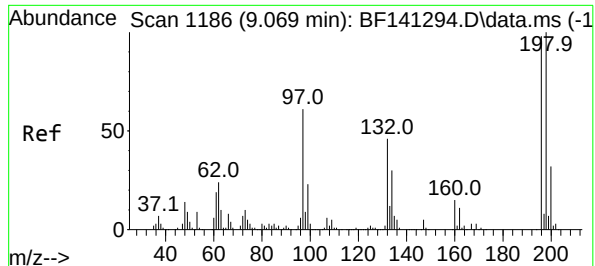
Ion Ratio Lower Upper

330 100

332 94.7 76.1 114.1

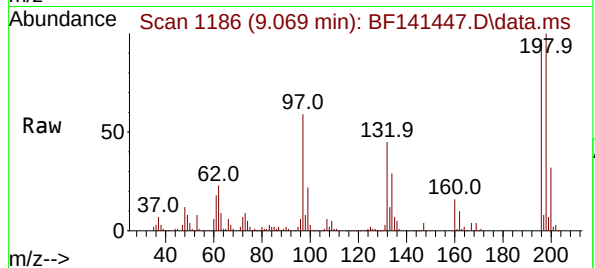
141 38.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 41.280 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

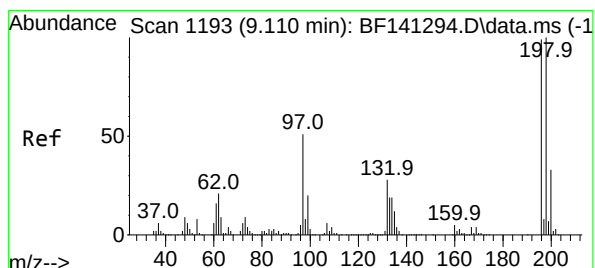
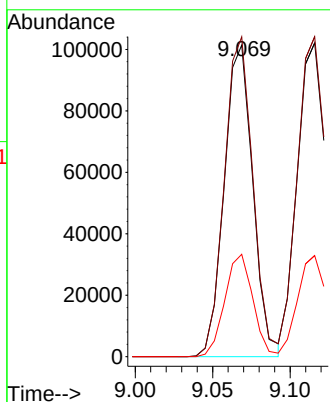
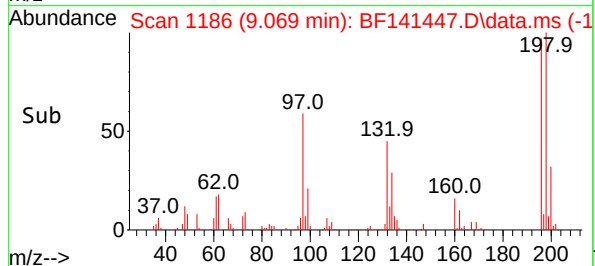
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



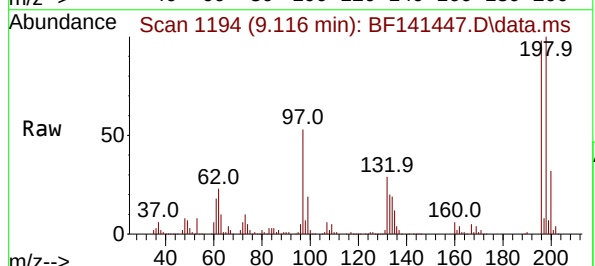
Tgt Ion:196 Resp: 13008
Ion Ratio Lower Upper
196 100
198 102.6 81.8 122.6
200 32.8 26.3 39.5

Manual Integrations
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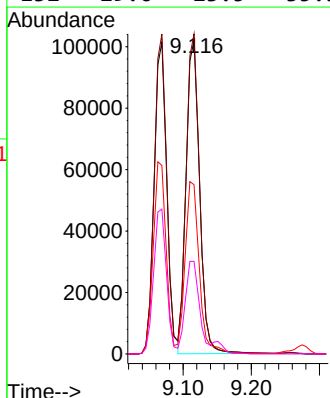
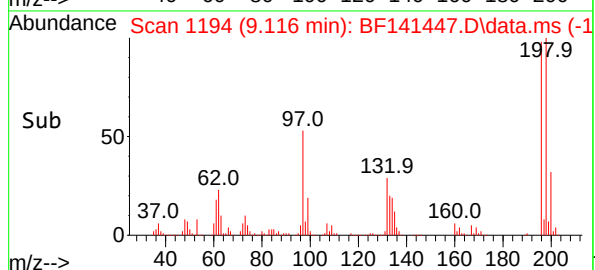
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

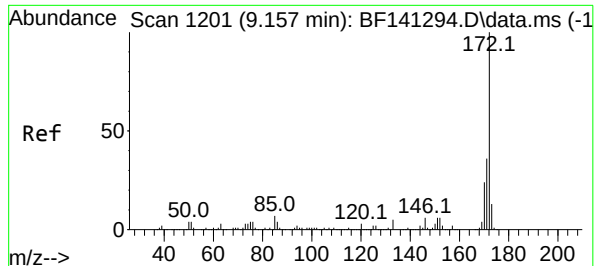


#44
2,4,5-Trichlorophenol
Concen: 40.864 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:196 Resp: 140152
Ion Ratio Lower Upper
196 100
198 102.0 80.5 120.7
97 54.0 42.8 64.2
132 29.6 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 82.031 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 90190

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

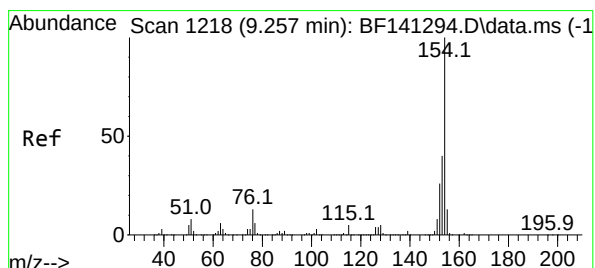
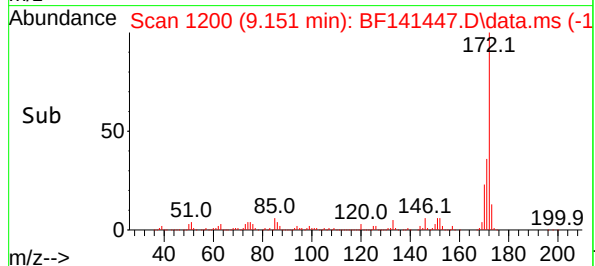
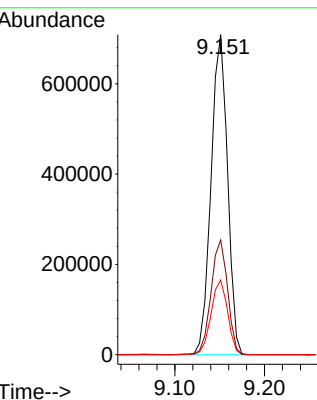
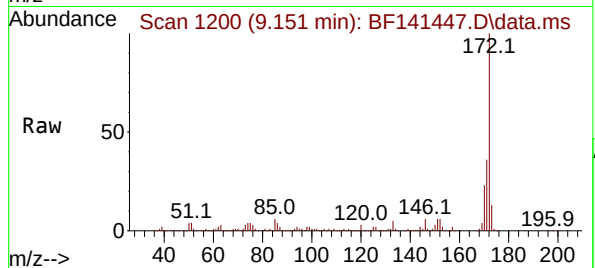
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#46

1,1'-Biphenyl

Concen: 39.526 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

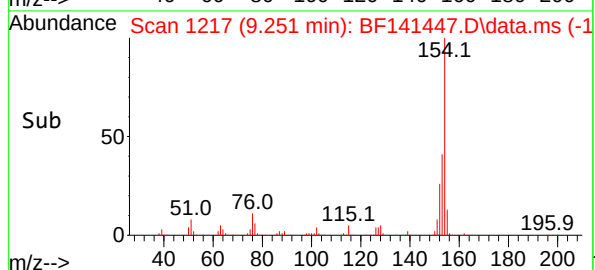
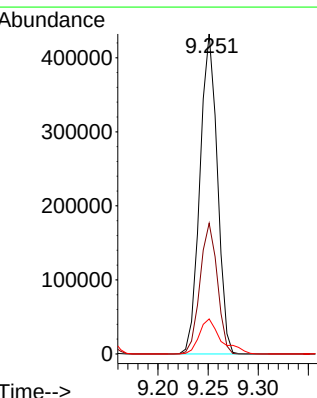
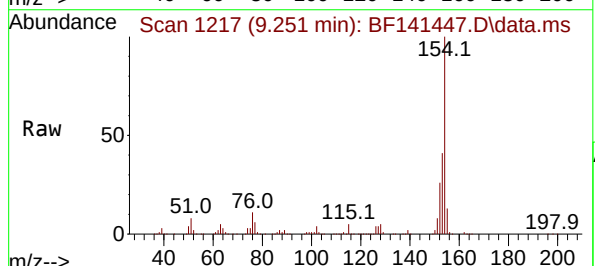
Tgt Ion:154 Resp: 521663

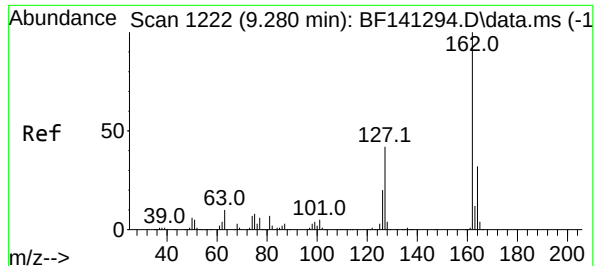
Ion Ratio Lower Upper

154 100

153 40.8 20.0 60.0

76 10.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.690 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 408289

Ion Ratio Lower Upper

162 100

127 42.2 33.7 50.5

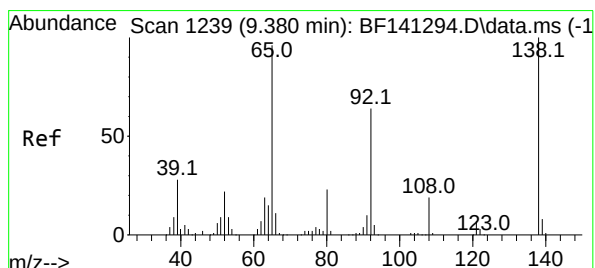
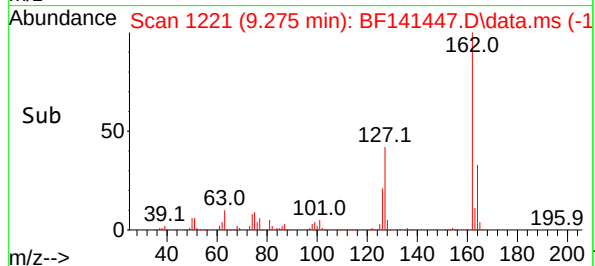
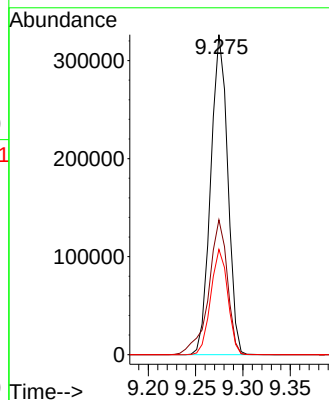
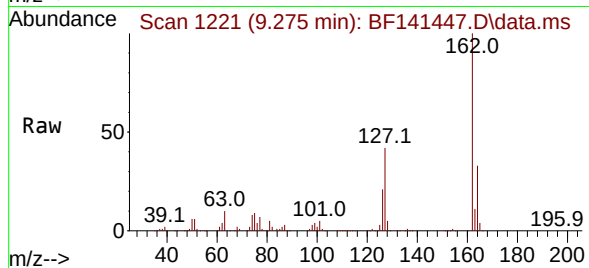
164 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#48

2-Nitroaniline

Concen: 42.611 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

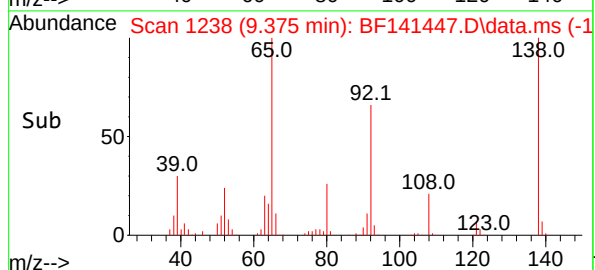
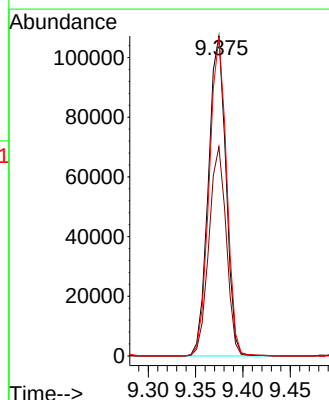
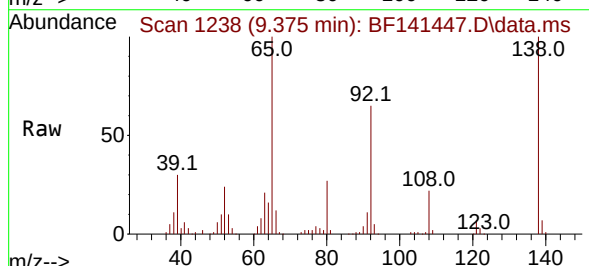
Tgt Ion: 65 Resp: 137877

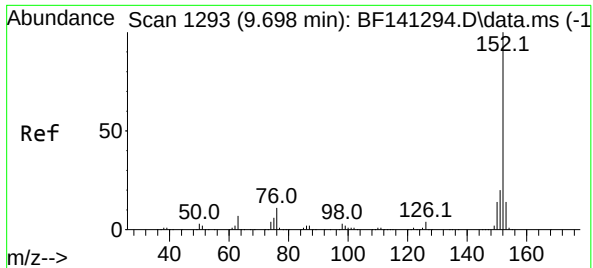
Ion Ratio Lower Upper

65 100

92 65.4 53.3 79.9

138 99.7 83.6 125.4





#49

Acenaphthylene

Concen: 40.477 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 58286

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

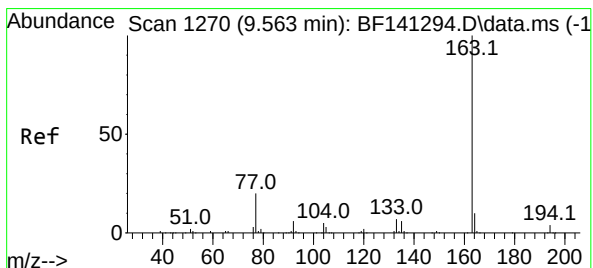
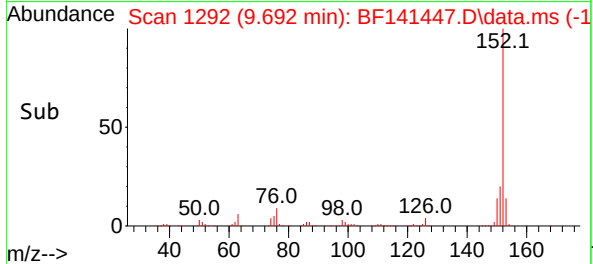
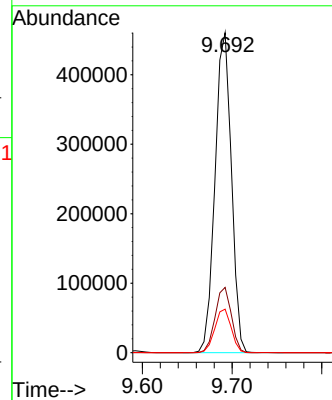
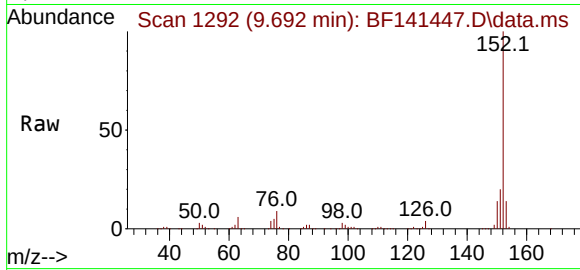
153 13.6 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#50

Dimethylphthalate

Concen: 40.461 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

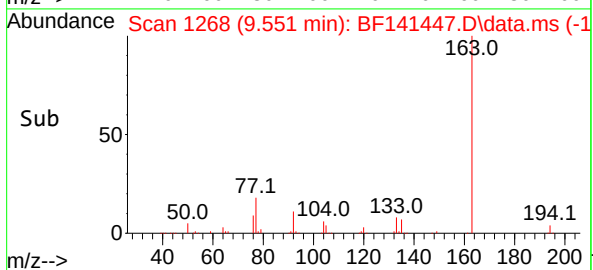
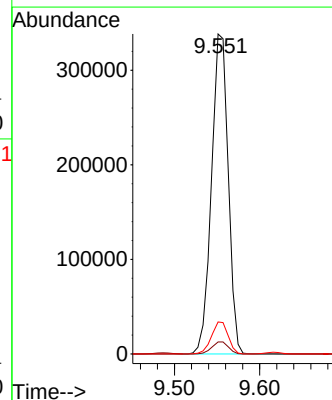
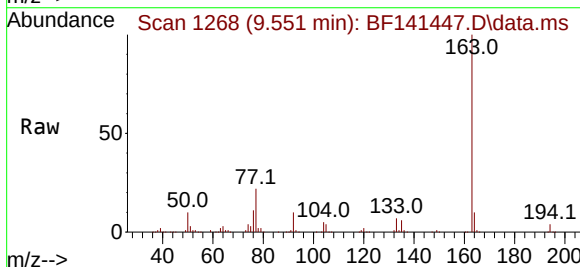
Tgt Ion:163 Resp: 462460

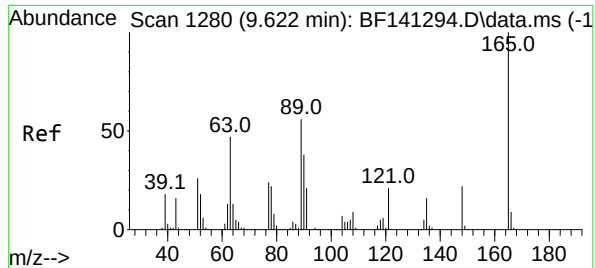
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.0 12.0





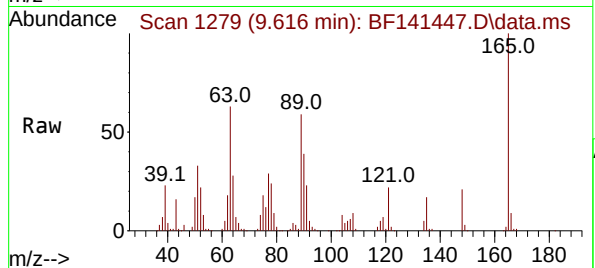
#51
2,6-Dinitrotoluene
Concen: 40.902 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

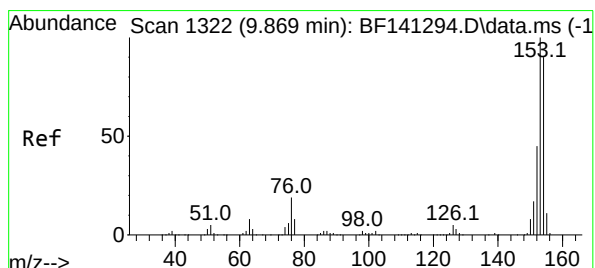
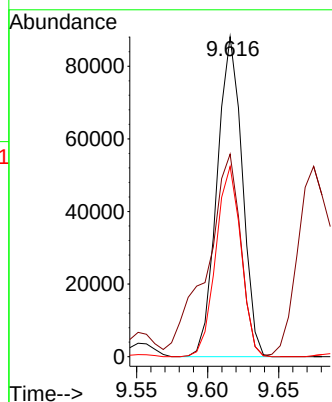
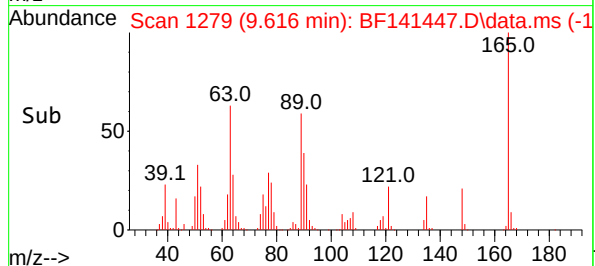


Tgt Ion:165 Resp: 108549
Ion Ratio Lower Upper
165 100
63 63.3 48.1 72.1
89 59.5 44.9 67.3

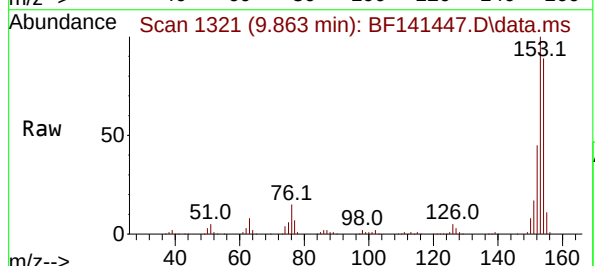
Manual Integrations

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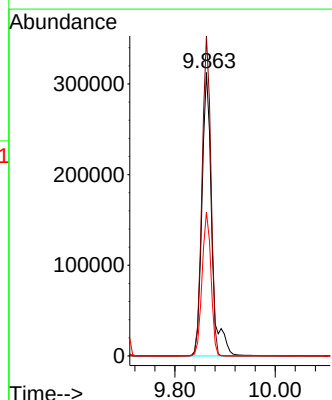
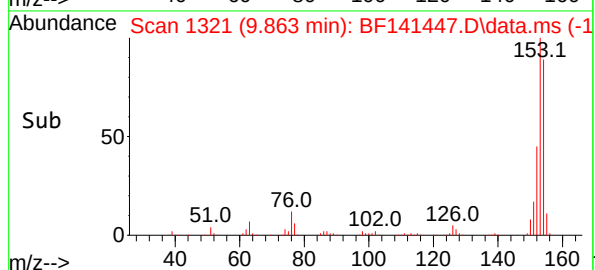
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

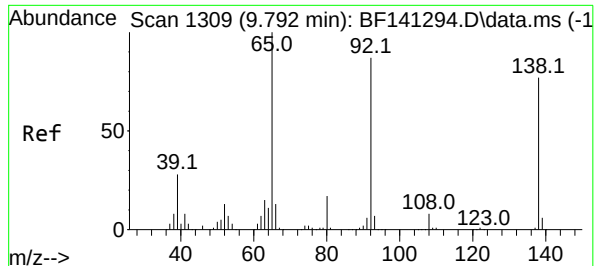


#52
Acenaphthene
Concen: 41.234 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:154 Resp: 424189
Ion Ratio Lower Upper
154 100
153 112.9 89.0 133.4
152 50.8 40.2 60.4





#53

3-Nitroaniline

Concen: 40.648 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 105728

Ion Ratio Lower Upper

138 100

108 11.2 8.6 12.8

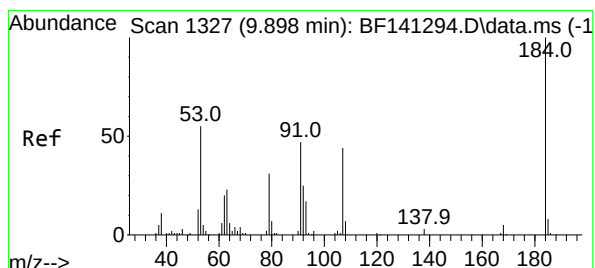
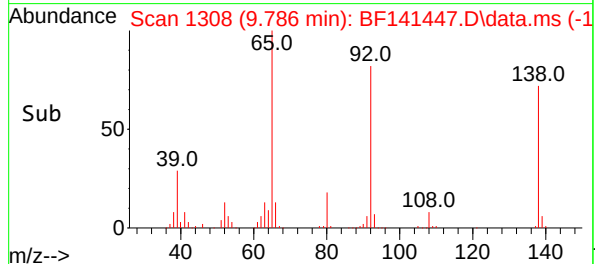
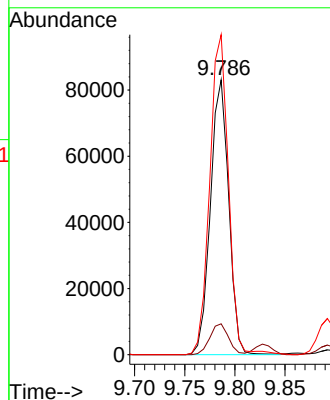
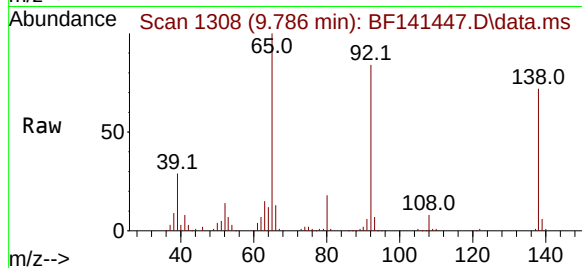
92 116.4 91.0 136.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#54

2,4-Dinitrophenol

Concen: 46.121 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

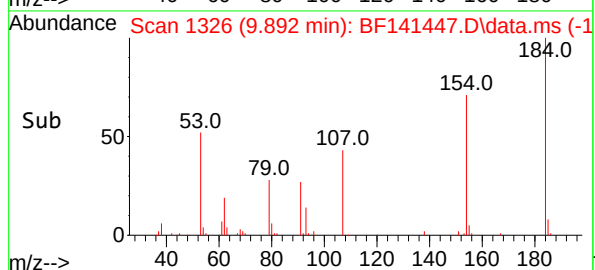
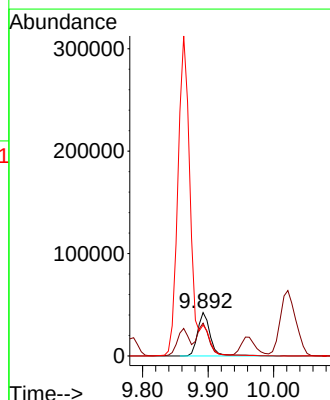
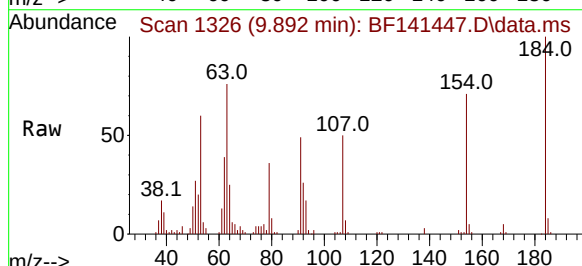
Tgt Ion:184 Resp: 56897

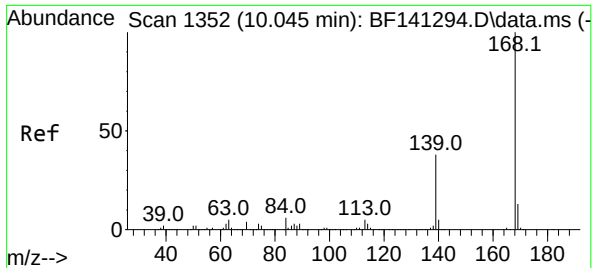
Ion Ratio Lower Upper

184 100

63 75.9 54.1 81.1

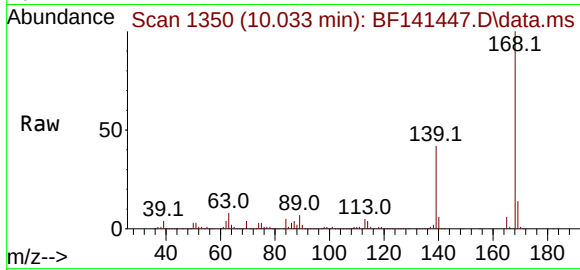
154 71.5 50.7 76.1





#55
Dibenzenofuran
Concen: 40.604 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

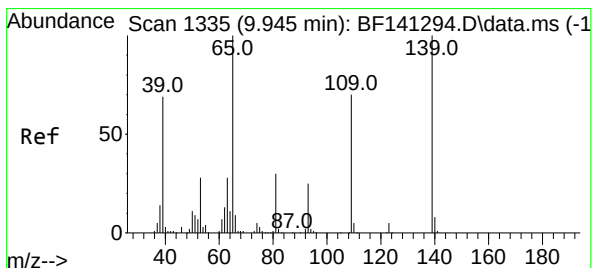
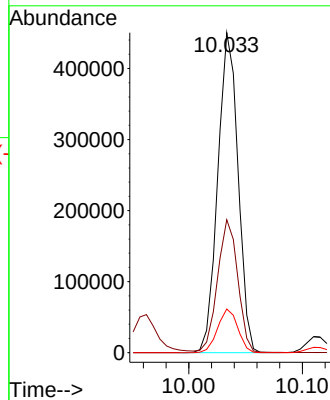
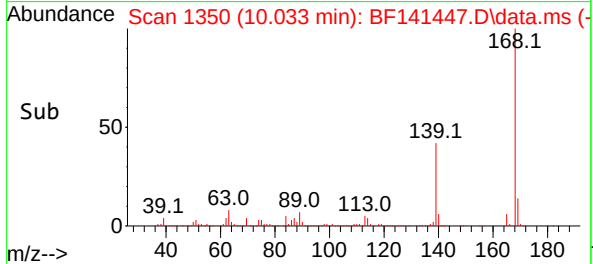
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 55912
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 13.7 10.8 16.2

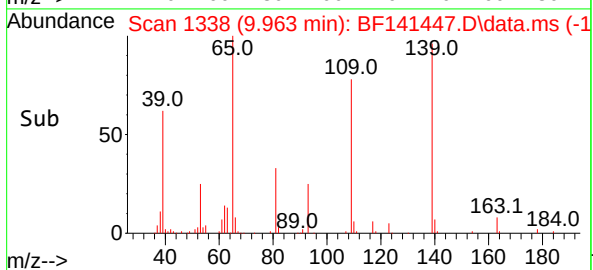
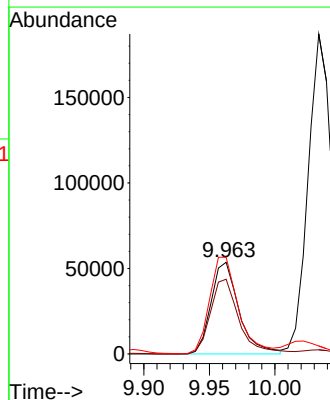
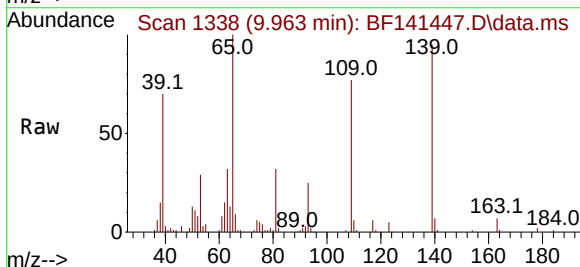
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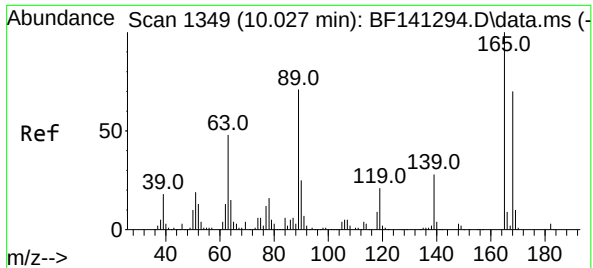
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 41.757 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:139 Resp: 79433
Ion Ratio Lower Upper
139 100
109 81.6 50.2 90.2
65 105.7 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 43.255 ng
RT: 10.022 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

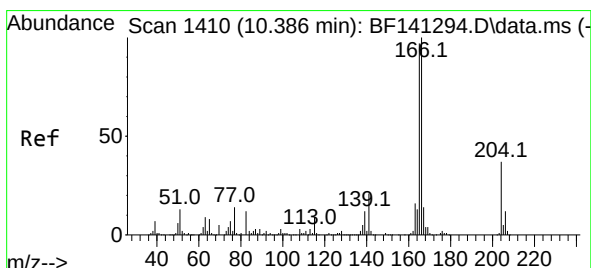
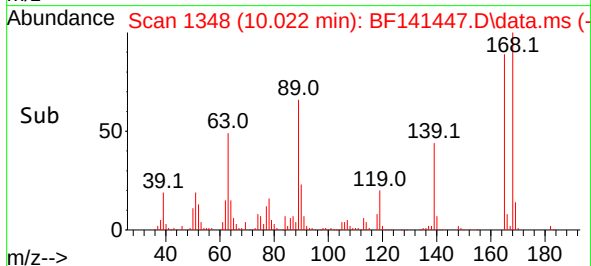
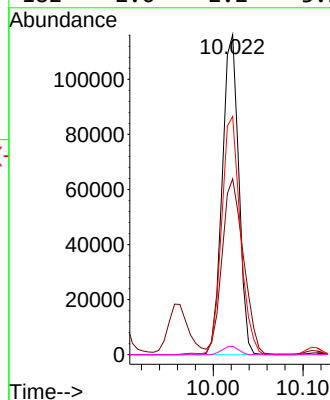
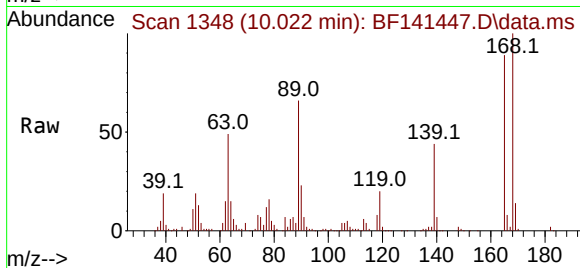
Tgt Ion:165 Resp: 14862
Ion Ratio Lower Upper

165	100		
63	55.0	39.2	58.8
89	74.4	56.9	85.3
182	2.6	2.2	3.2

Manual Integrations

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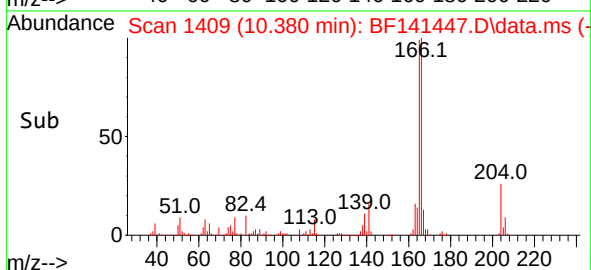
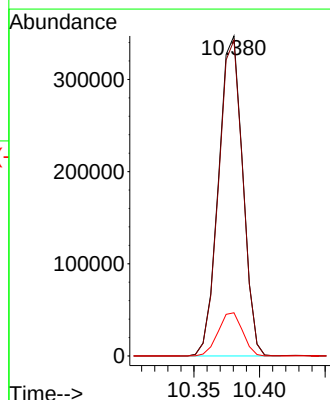
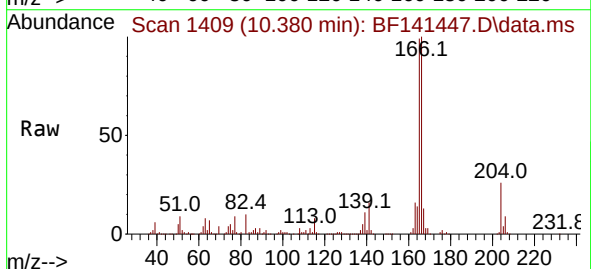
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

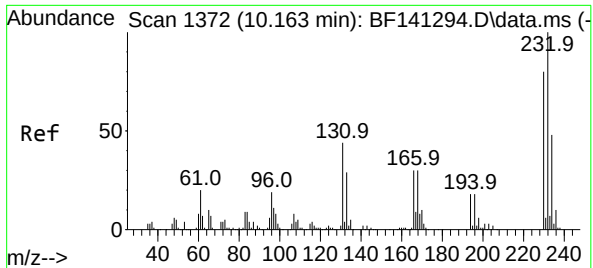


#58
Fluorene
Concen: 41.681 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:166 Resp: 445212

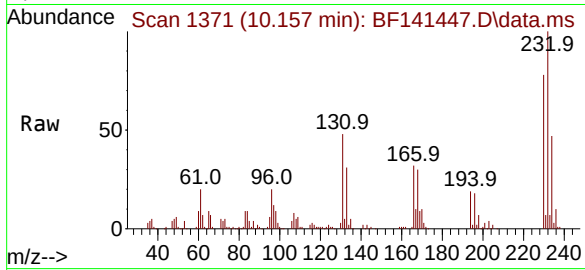
Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.5	116.3
167	13.5	10.9	16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.009 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

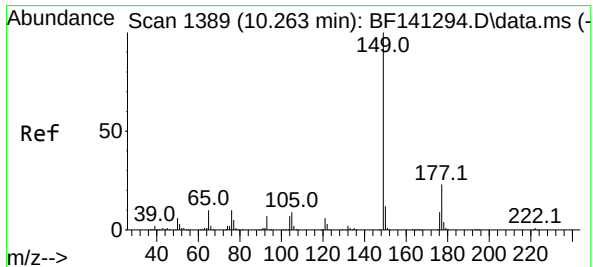
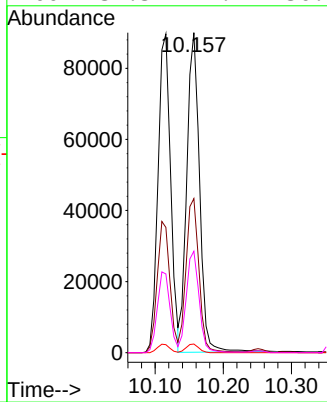
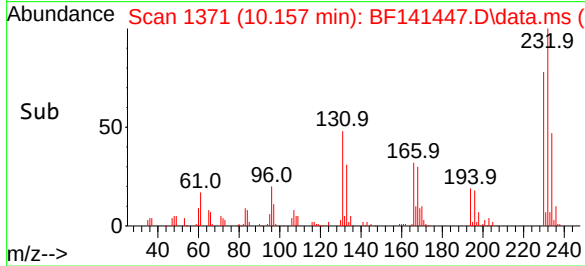
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



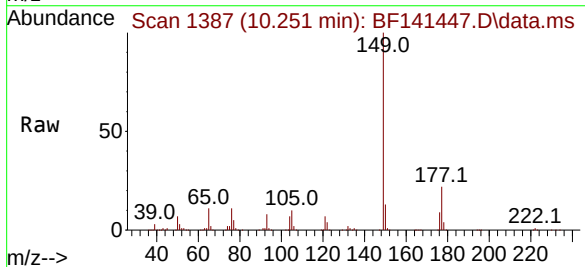
Tgt Ion:232 Resp: 11604
Ion Ratio Lower Upper
232 100
131 49.0 36.4 54.6
130 2.7 1.9 2.9
166 31.3 24.1 36.1

Manual Integrations
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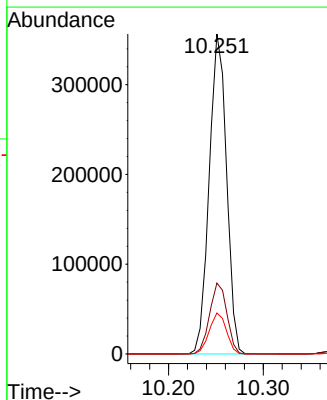
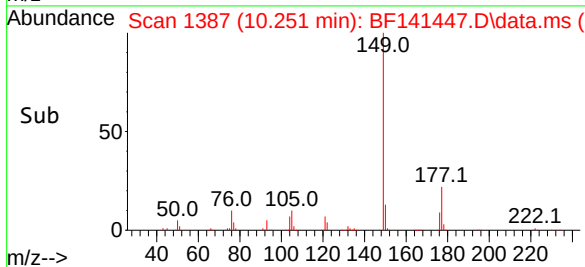
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

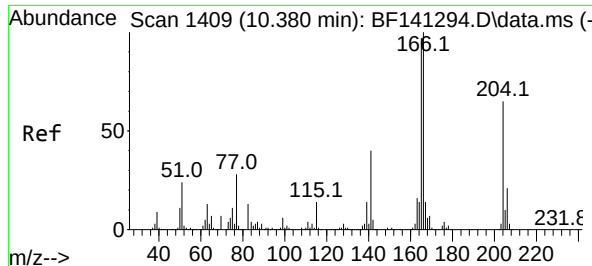


#60
Diethylphthalate
Concen: 40.767 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



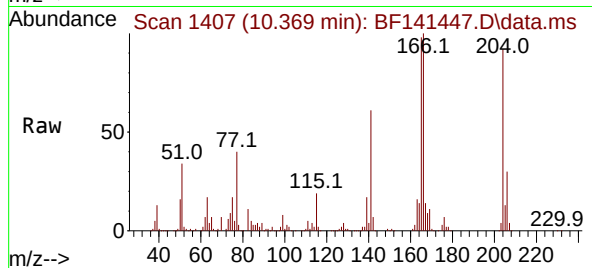
Tgt Ion:149 Resp: 451800
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 41.942 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

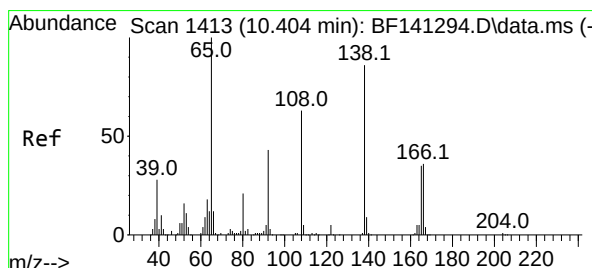
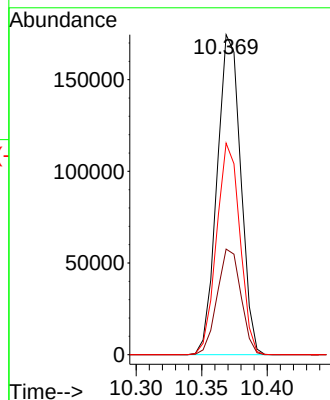
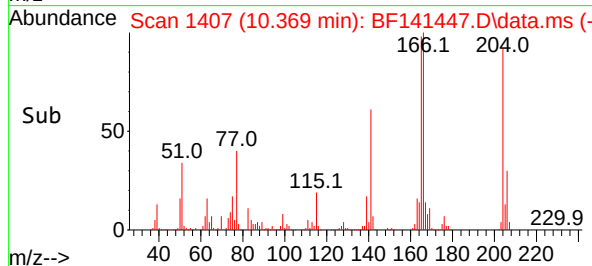
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 21883
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 66.1 49.5 74.3

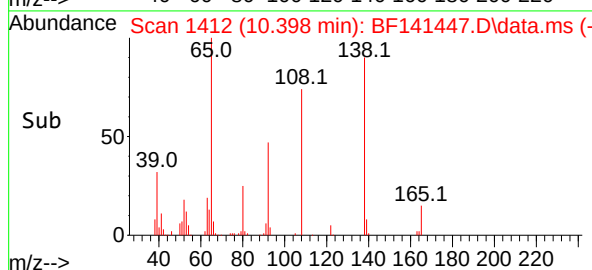
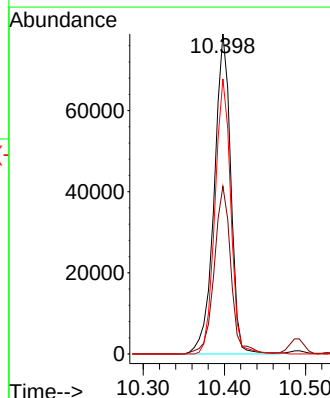
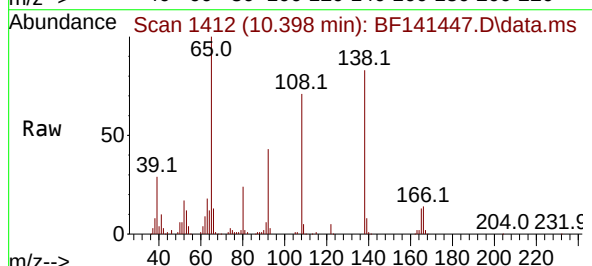
Manual Integrations
APPROVED

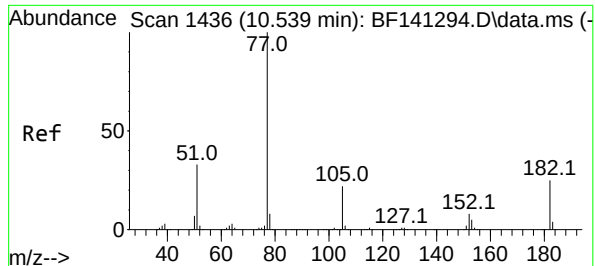
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#62
4-Nitroaniline
Concen: 43.805 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

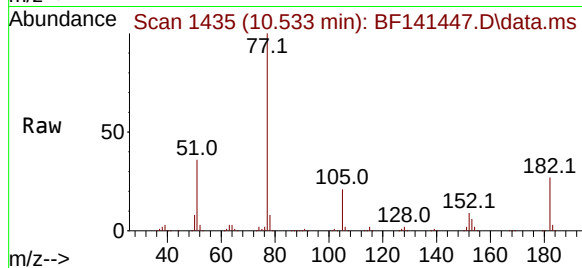
Tgt Ion:138 Resp: 112018
Ion Ratio Lower Upper
138 100
92 52.4 30.1 70.1
108 85.9 53.1 93.1





#63
Azobenzene
Concen: 39.861 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

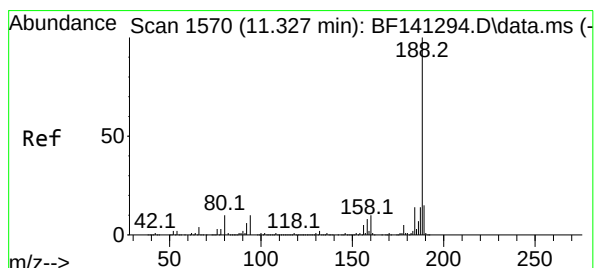
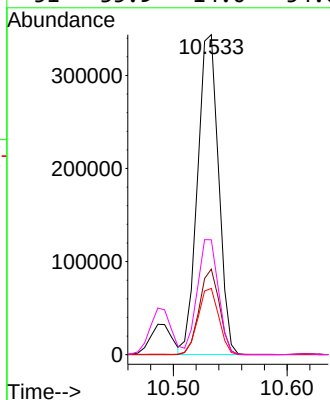
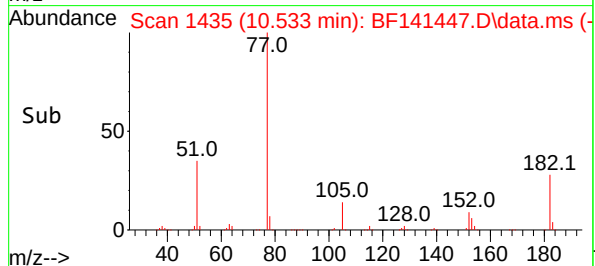
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



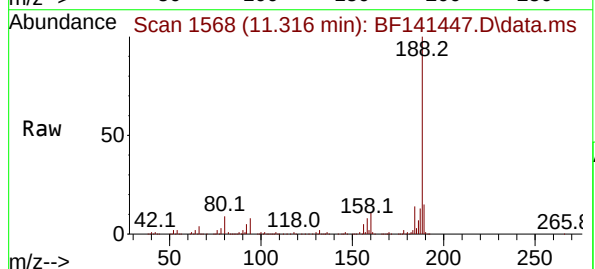
Tgt Ion: 77 Resp: 442185
Ion Ratio Lower Upper
77 100
182 26.8 5.1 45.1
105 20.7 1.8 41.8
51 35.9 14.0 54.0

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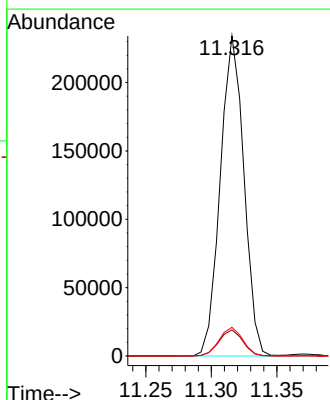
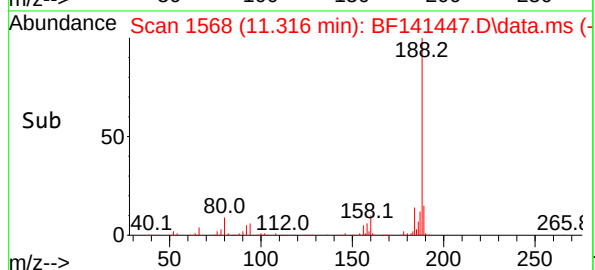
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

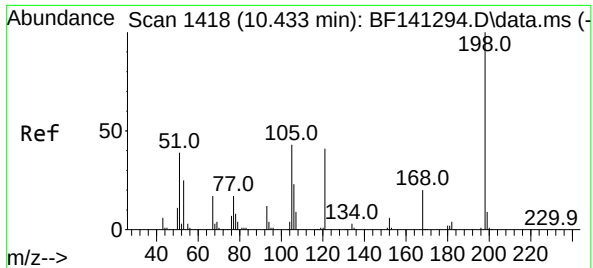


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:188 Resp: 293274
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.9 8.2 12.4





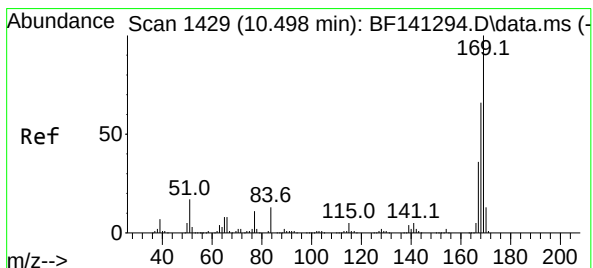
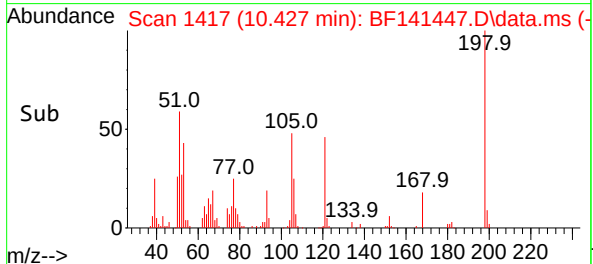
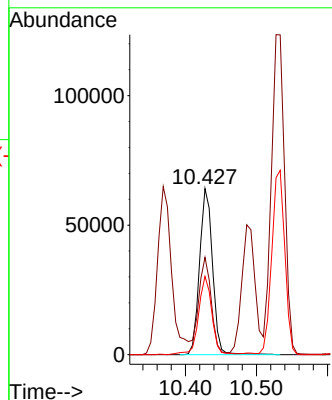
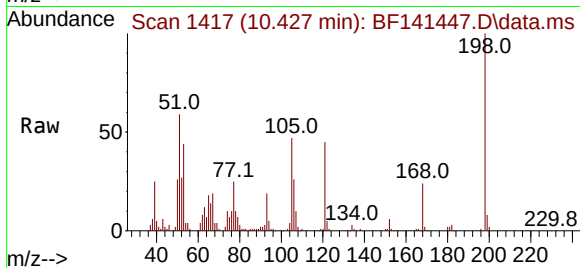
#65
4,6-Dinitro-2-methylphenol
Concen: 47.093 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 8169
Ion Ratio Lower Upper
198 100
51 58.6 33.4 73.4
105 47.1 24.4 64.4

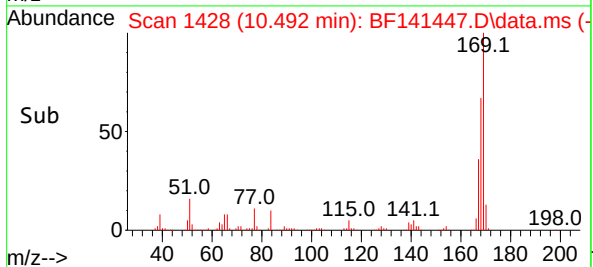
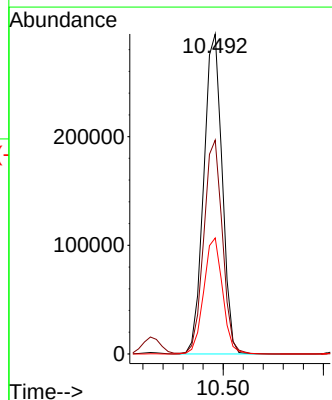
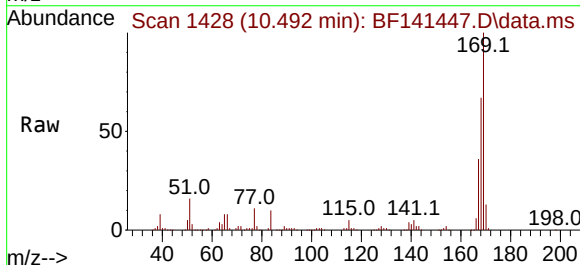
Manual Integrations
APPROVED

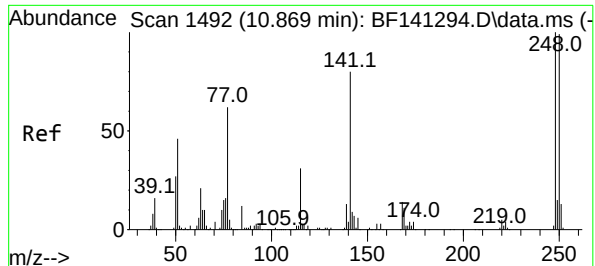
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 39.596 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

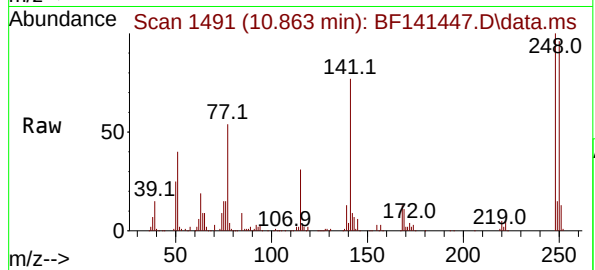
Tgt Ion:169 Resp: 375589
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.4
167 36.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.034 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

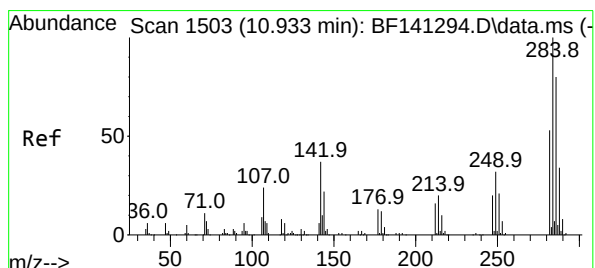
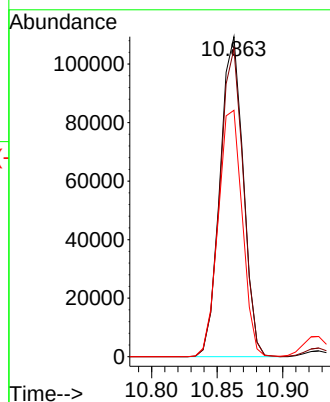
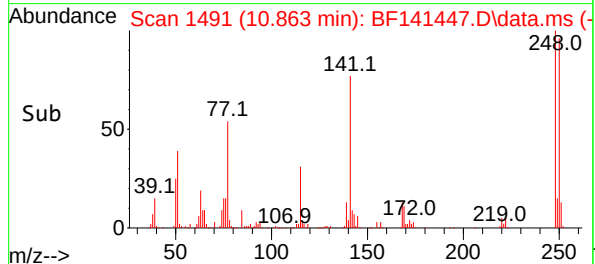
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



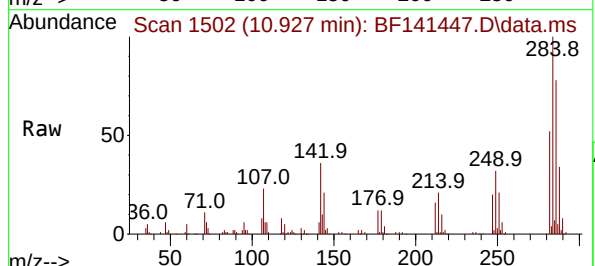
Tgt Ion:248 Resp: 134728
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.4
141 77.0 63.7 95.5

Manual Integrations
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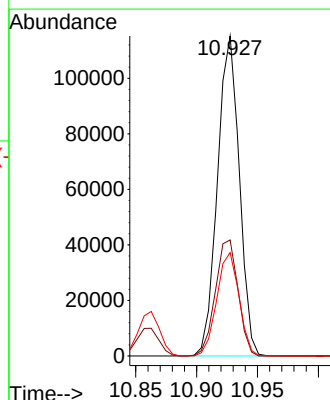
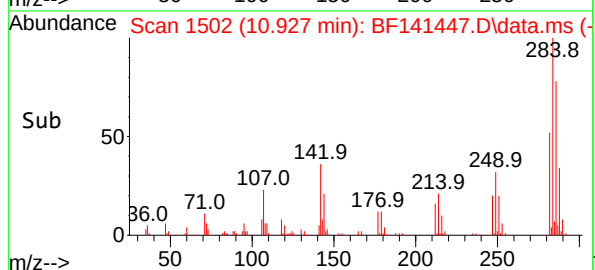
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

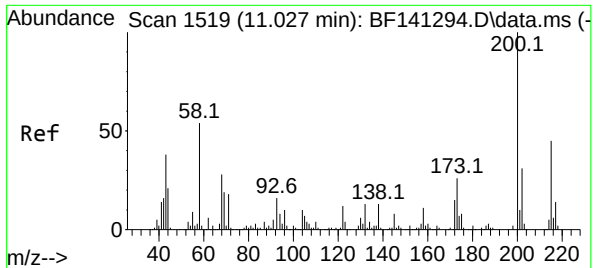


#68
Hexachlorobenzene
Concen: 41.264 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:284 Resp: 143713
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 32.3 25.4 38.2





#69

Atrazine

Concen: 37.984 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 12046

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

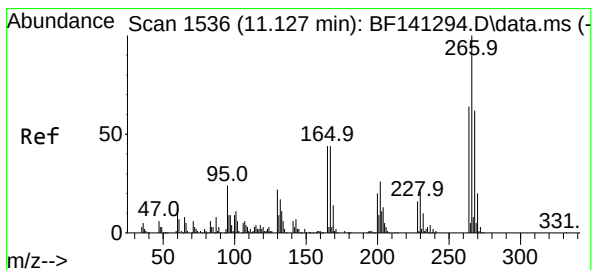
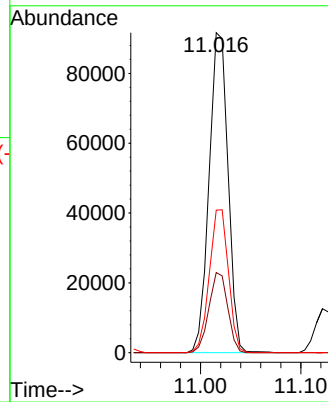
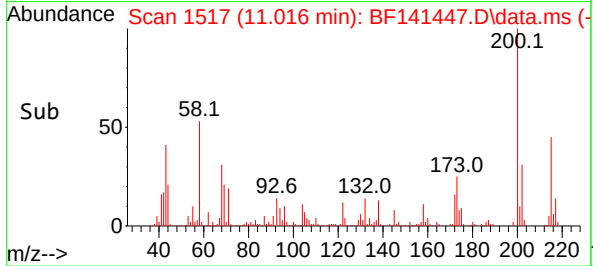
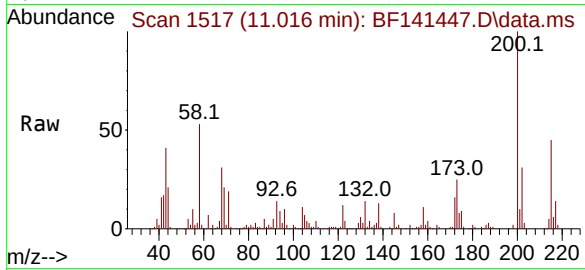
215 44.6 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 43.736 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

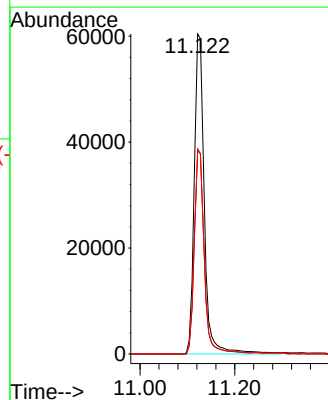
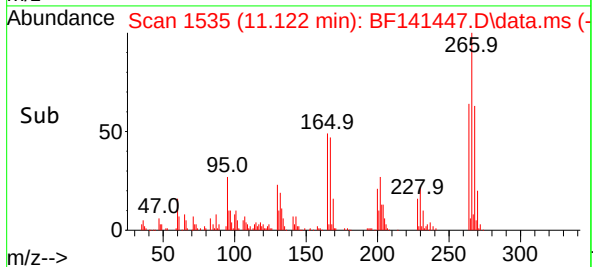
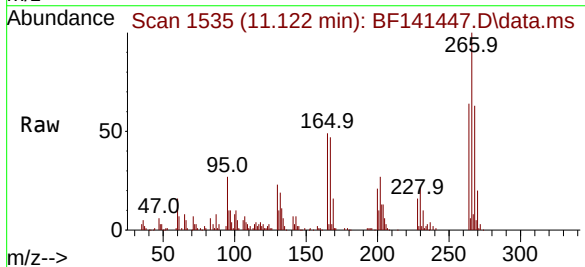
Tgt Ion:266 Resp: 89197

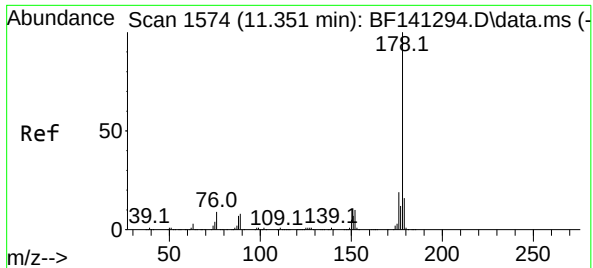
Ion Ratio Lower Upper

266 100

268 63.5 49.9 74.9

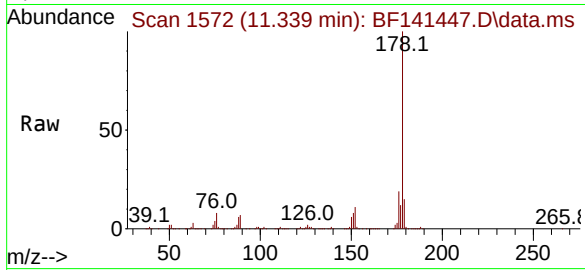
264 64.1 51.0 76.4





#71
Phenanthrene
Concen: 41.848 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

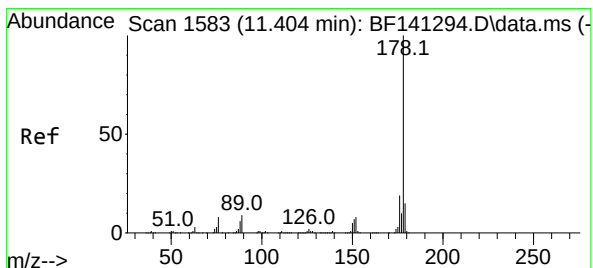
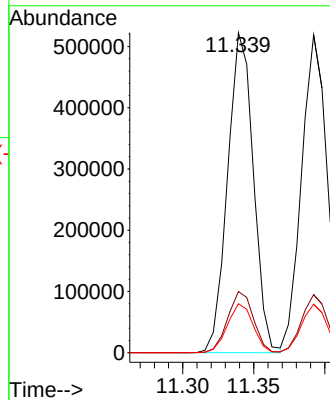
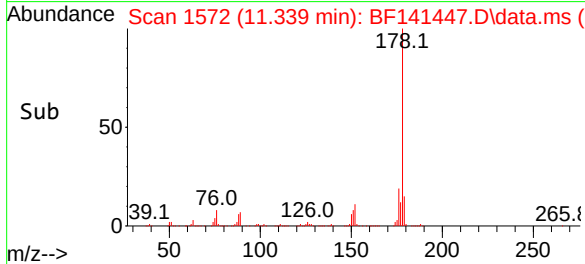
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 65972
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.5 18.7

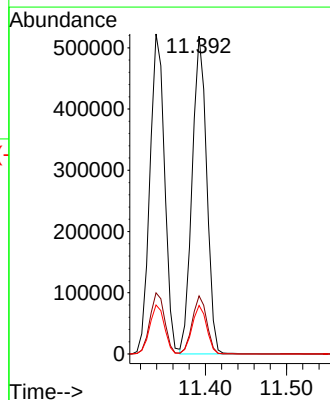
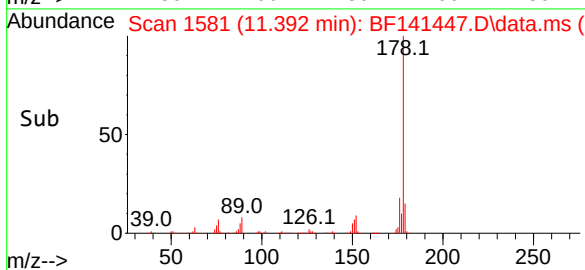
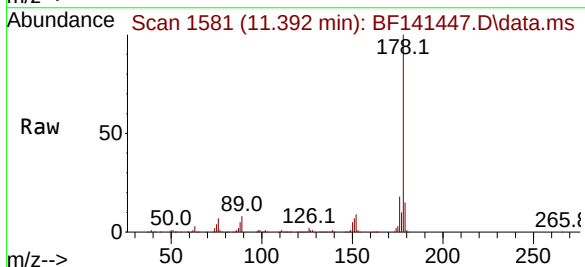
Manual Integrations
APPROVED

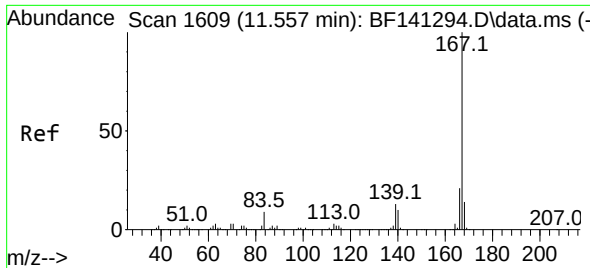
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#72
Anthracene
Concen: 41.945 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

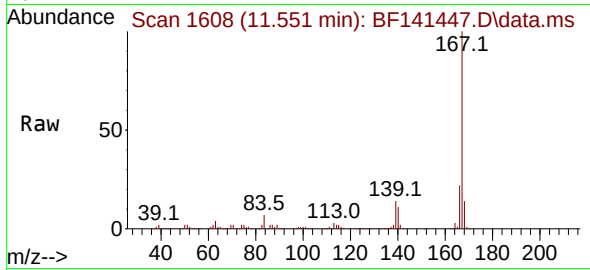
Tgt Ion:178 Resp: 647901
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 43.030 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16

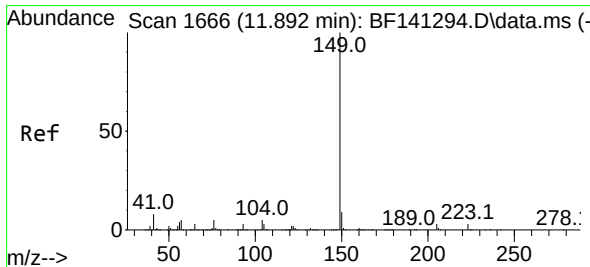
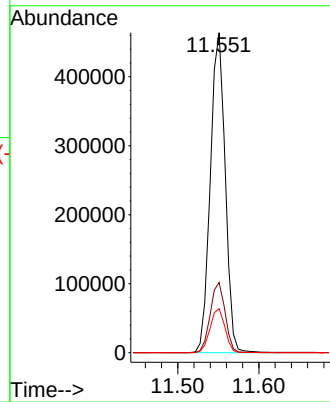
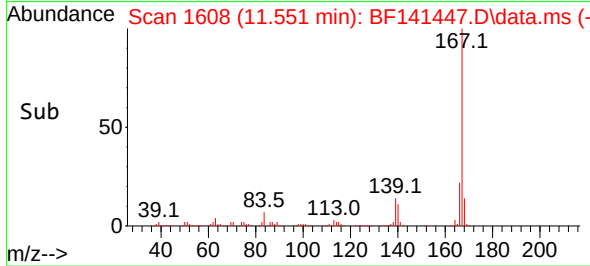
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



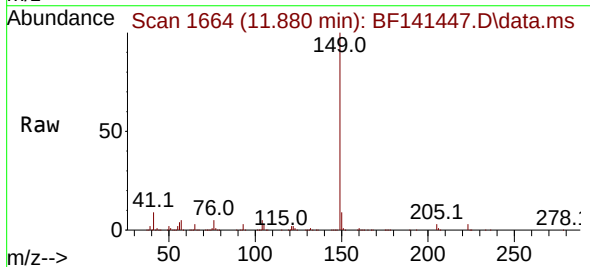
Tgt Ion:167 Resp: 589368
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.7 10.6 16.0

Manual Integrations
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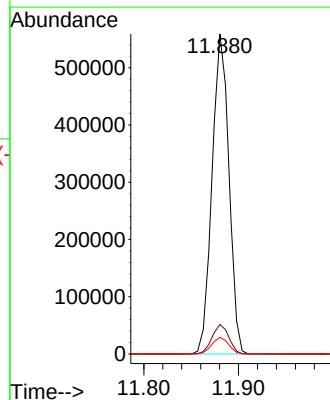
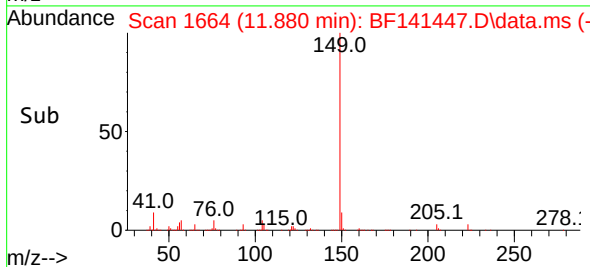
Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025

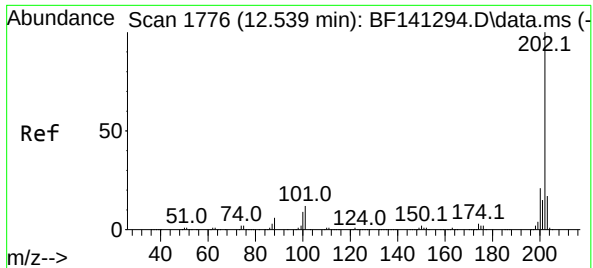


#74
 Di-n-butylphthalate
 Concen: 41.523 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141447.D
 Acq: 05 Feb 2025 15:16



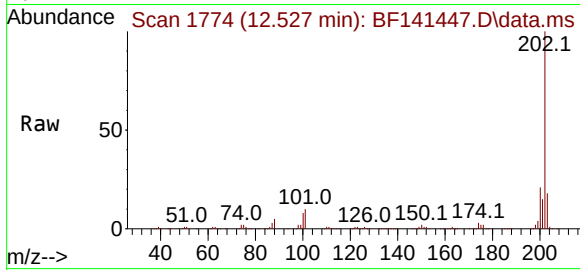
Tgt Ion:149 Resp: 689234
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 45.252 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

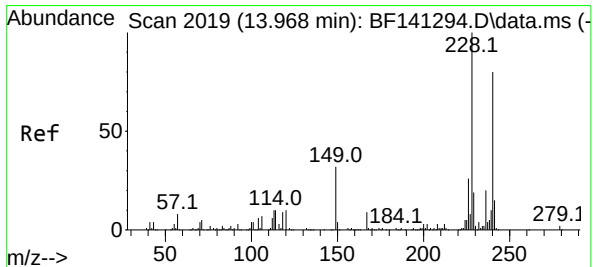
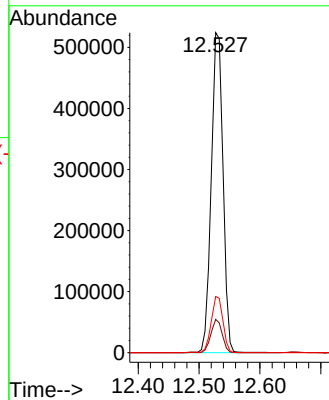
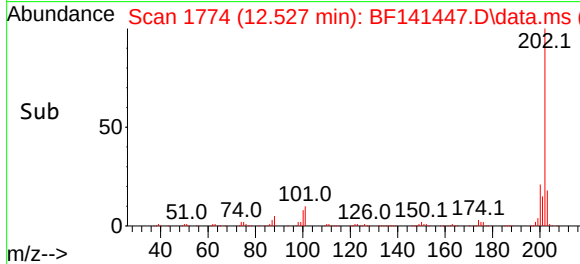
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



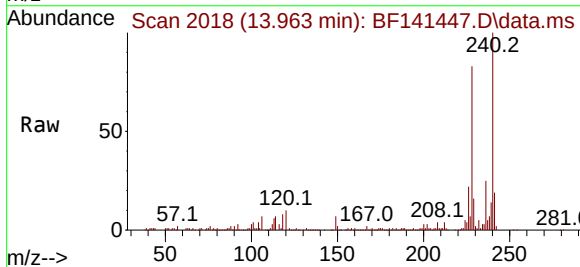
Tgt Ion:202 Resp: 704384
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.7
203 17.6 0.0 37.5

Manual Integrations
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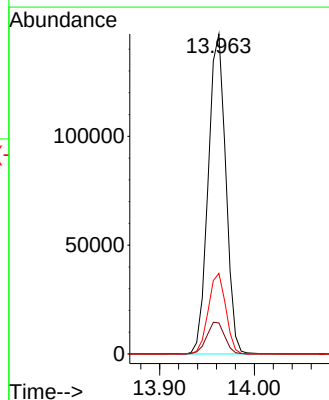
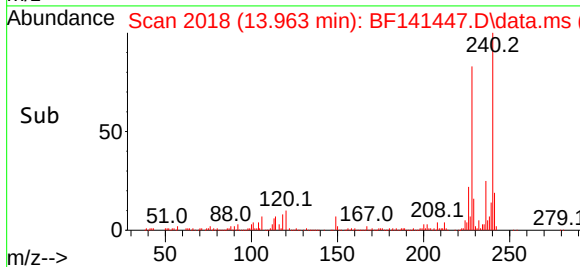
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

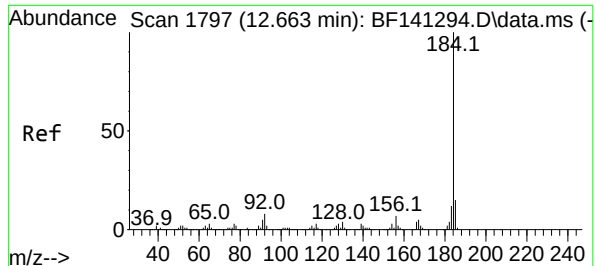


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:240 Resp: 189132
Ion Ratio Lower Upper
240 100
120 9.7 10.0 15.0#
236 25.2 19.7 29.5





#77

Benzidine

Concen: 40.163 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 243520

Ion Ratio Lower Upper

184 100

185 14.2 11.9 17.9

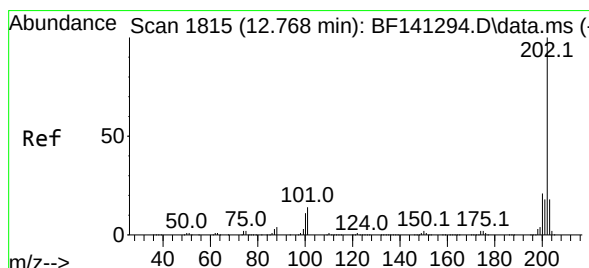
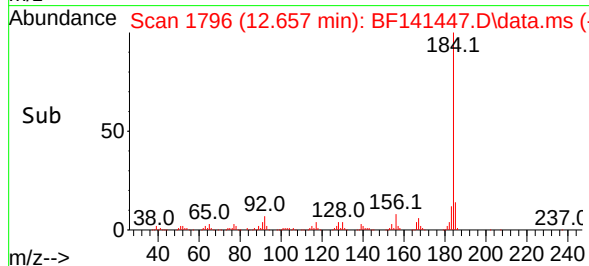
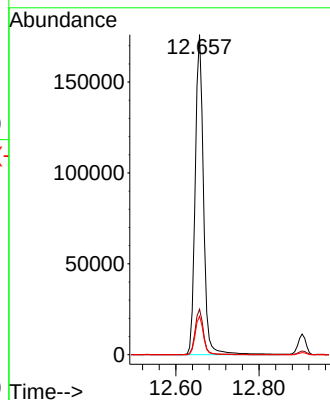
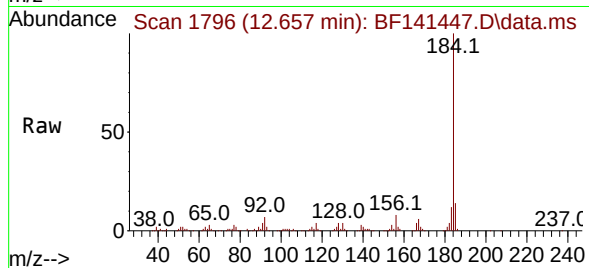
183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#78

Pyrene

Concen: 39.495 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

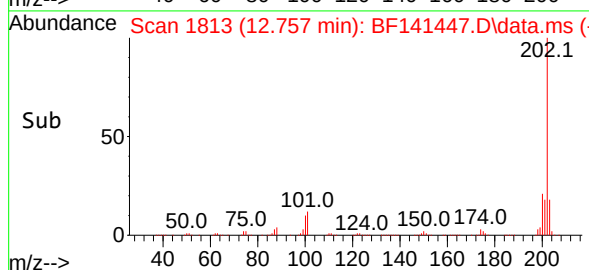
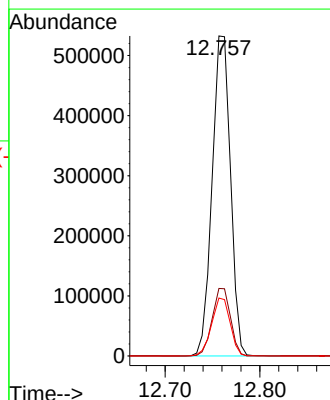
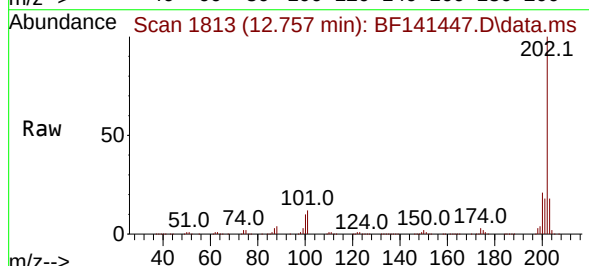
Tgt Ion:202 Resp: 717034

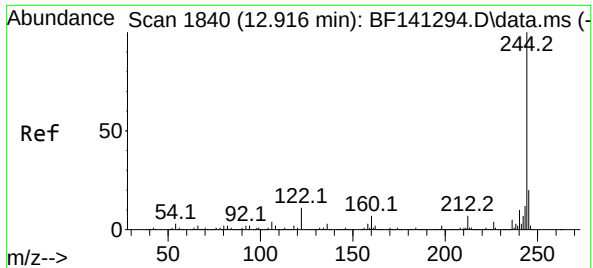
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 80.246 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 984120

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

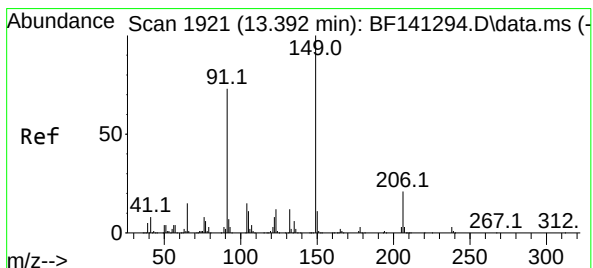
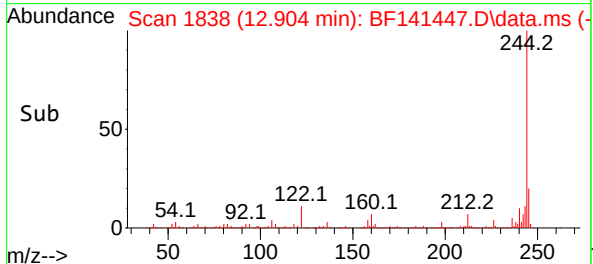
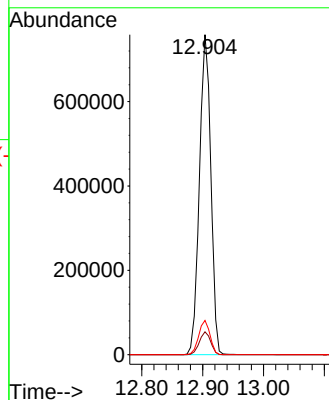
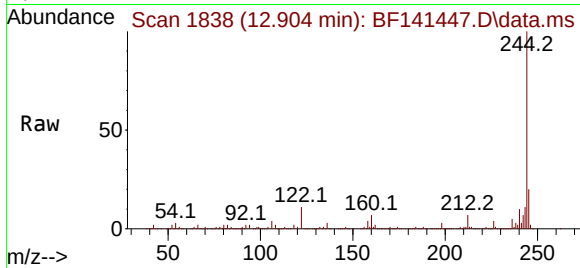
122 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#80

Butylbenzylphthalate

Concen: 40.822 ng

RT: 13.380 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

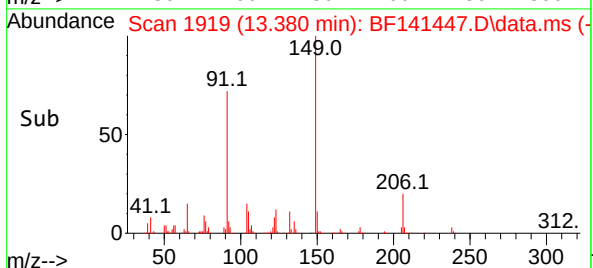
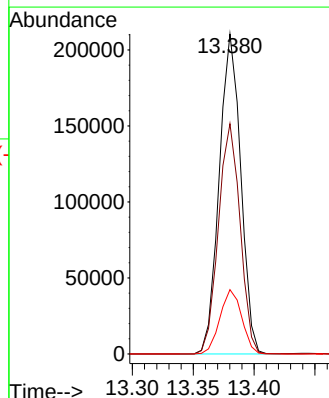
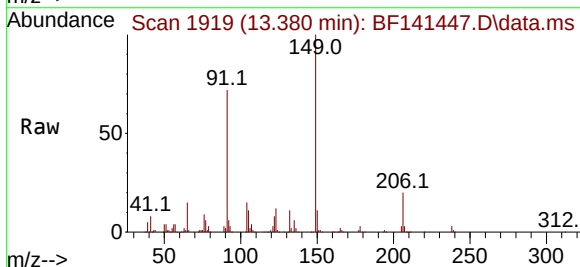
Tgt Ion:149 Resp: 258917

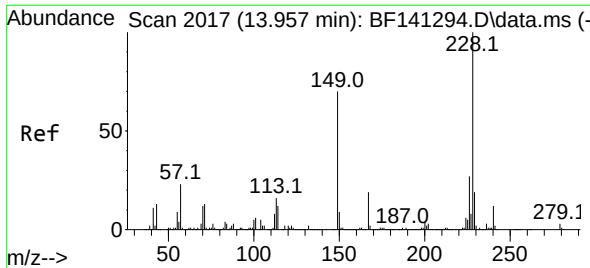
Ion Ratio Lower Upper

149 100

91 72.0 58.6 87.8

206 20.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.719 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 505330

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

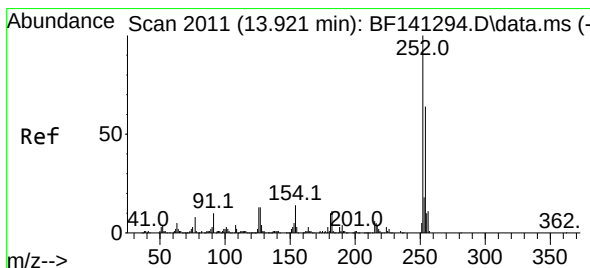
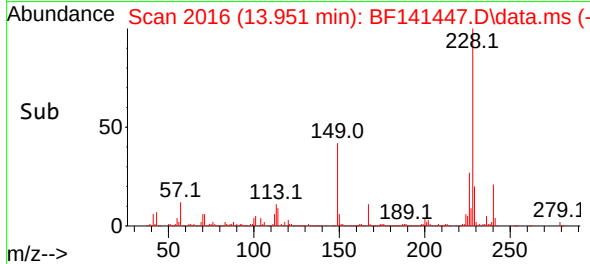
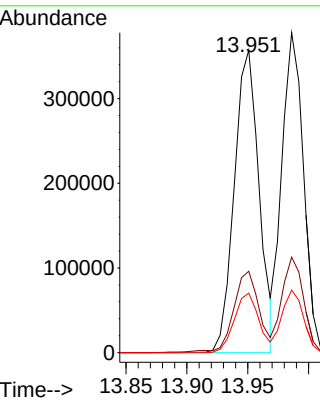
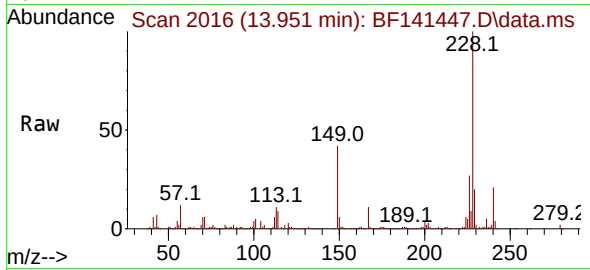
229 19.7 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 37.967 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

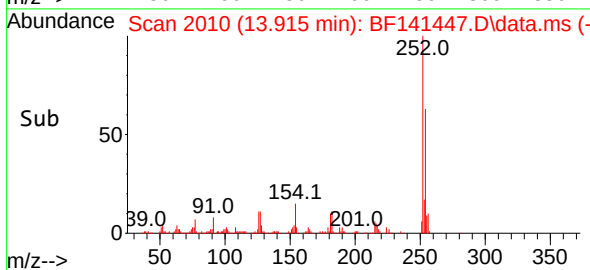
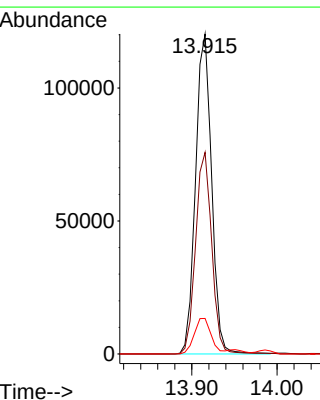
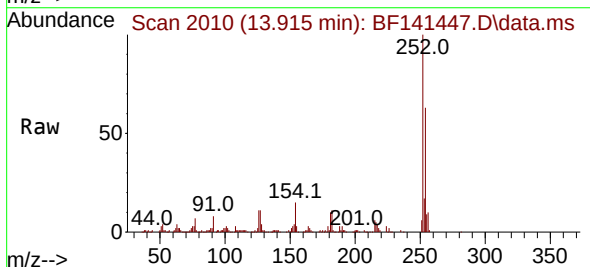
Tgt Ion:252 Resp: 157600

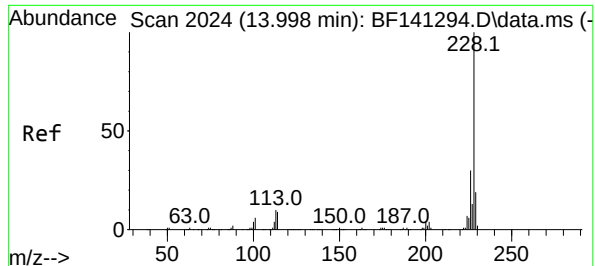
Ion Ratio Lower Upper

252 100

254 63.0 51.3 76.9

126 11.1 10.0 15.0





#83

Chrysene

Concen: 39.147 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 46823

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

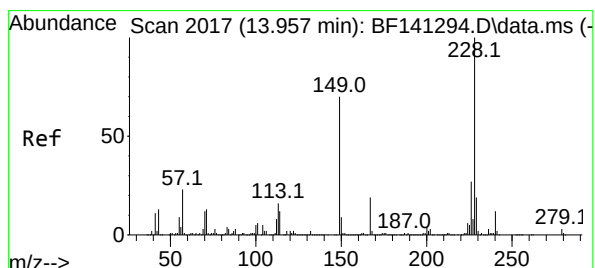
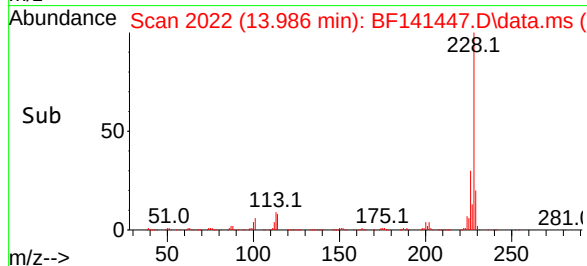
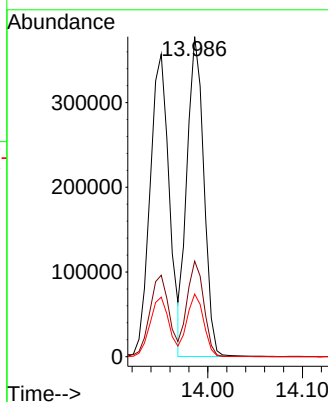
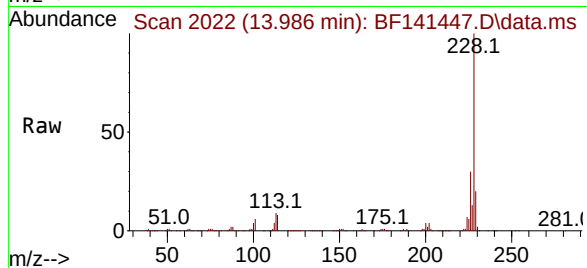
229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.283 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

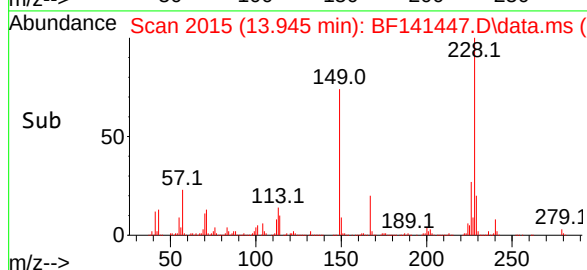
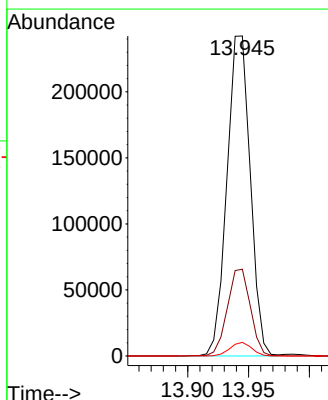
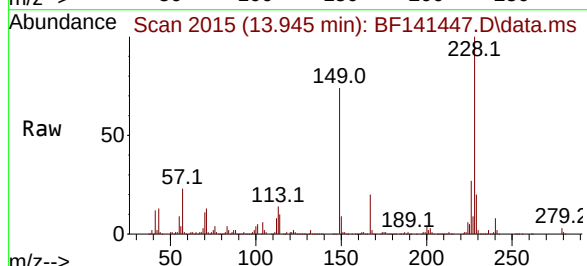
Tgt Ion:149 Resp: 324105

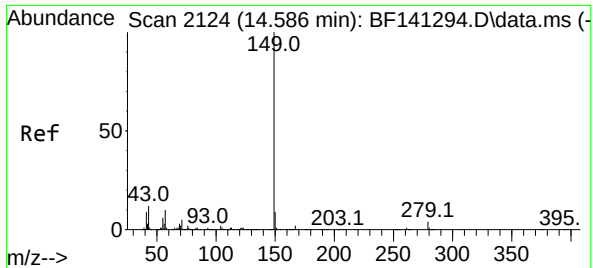
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

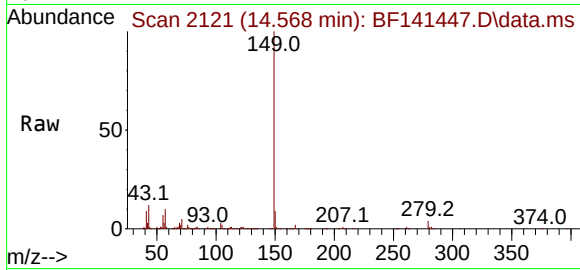
279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 37.112 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

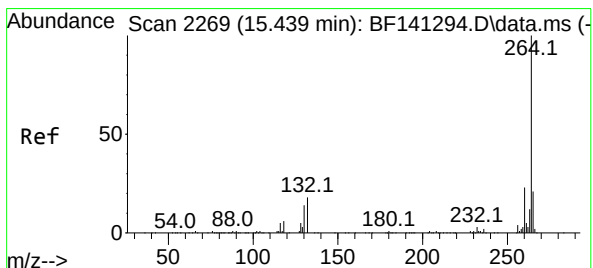
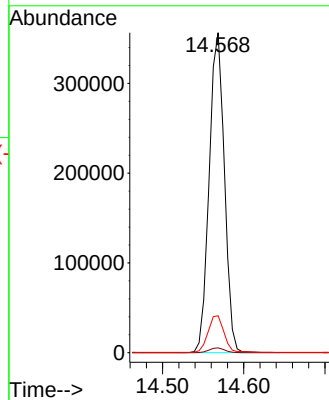
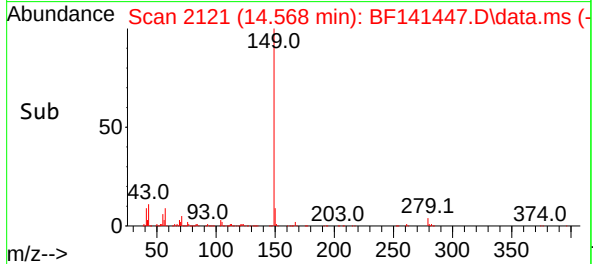
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 463778
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 9.8 14.8

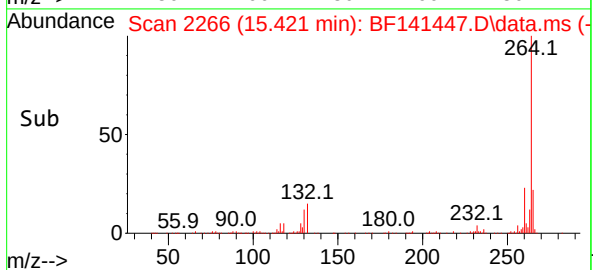
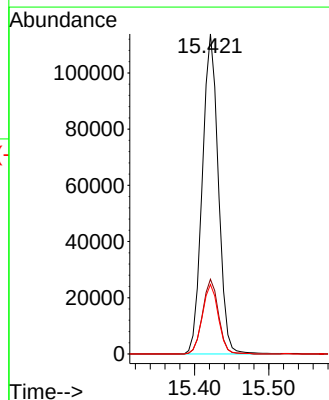
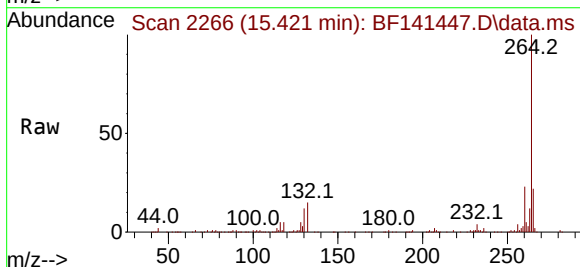
Manual Integrations
APPROVED

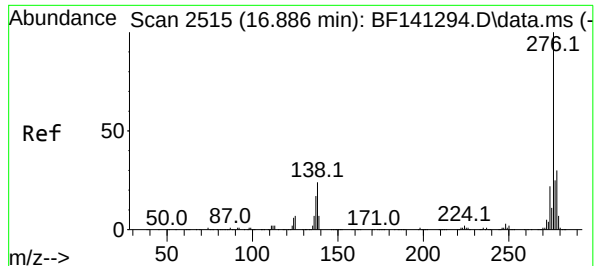
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Tgt Ion:264 Resp: 170936
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.777 ng

RT: 16.868 min Scan# 2195

Delta R.T. -0.030 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 449874

Ion Ratio Lower Upper

276 100

138 22.3 21.7 32.5

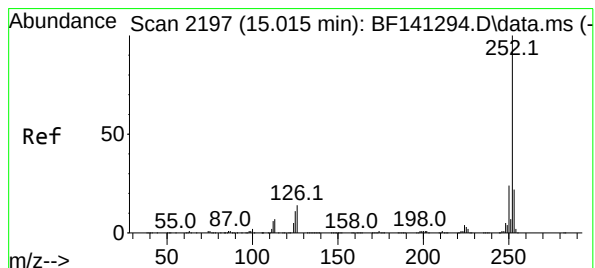
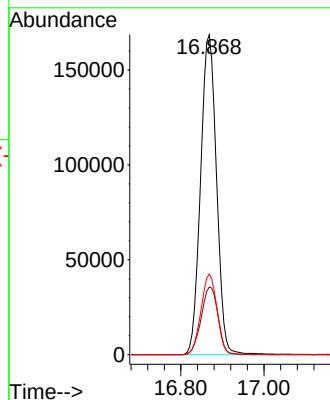
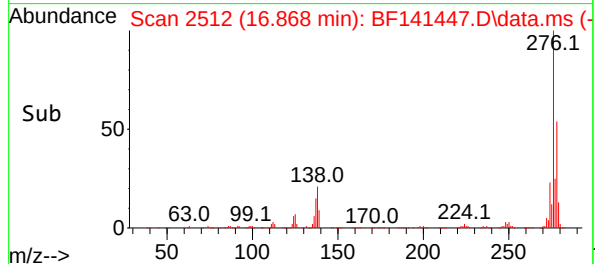
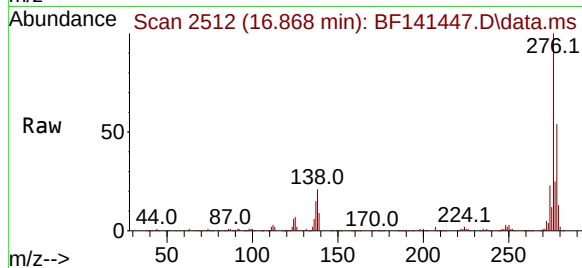
277 25.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025

Supervised By :mohammad ahmed 02/06/2025



#88

Benzo(b)fluoranthene

Concen: 41.674 ng m

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

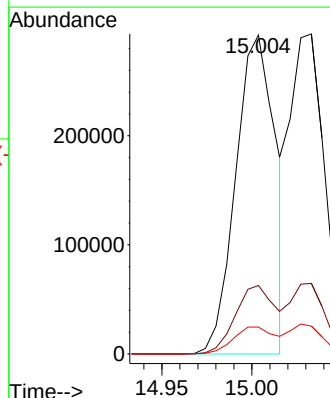
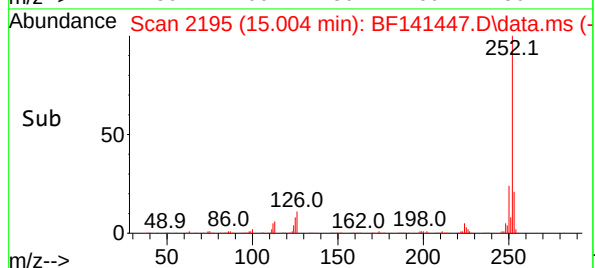
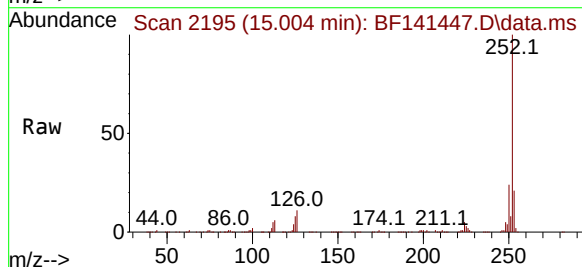
Tgt Ion:252 Resp: 448091

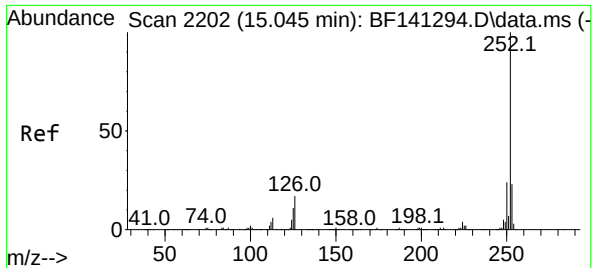
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 8.4 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 41.460 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

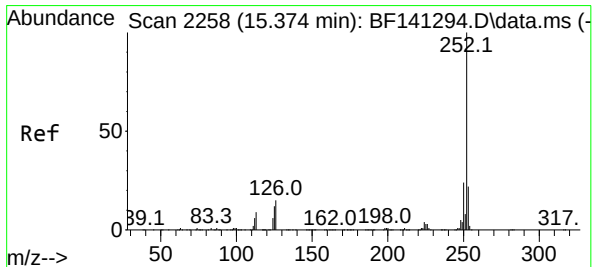
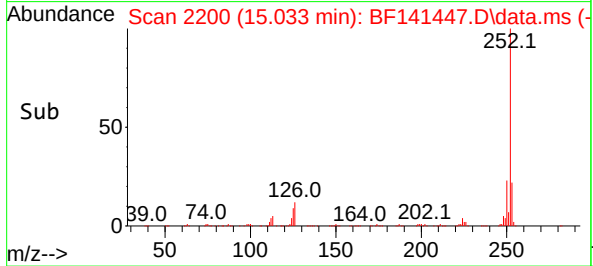
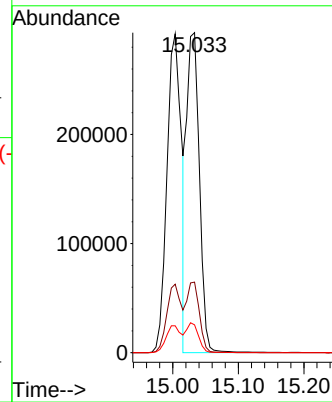
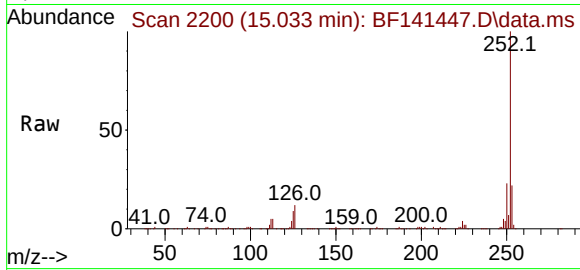
SSTDCCC040

Tgt Ion:	252	Resp:	394915
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	8.7	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :mohammad ahmed 02/06/2025



#90

Benzo(a)pyrene

Concen: 41.684 ng

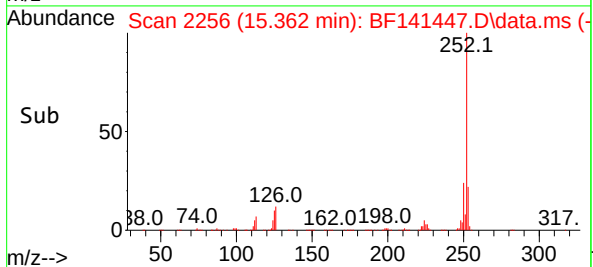
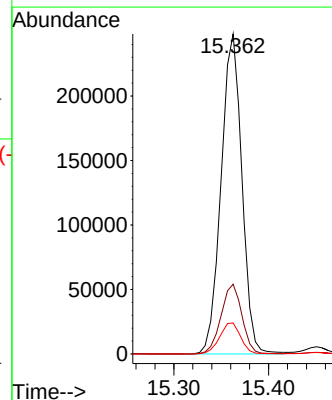
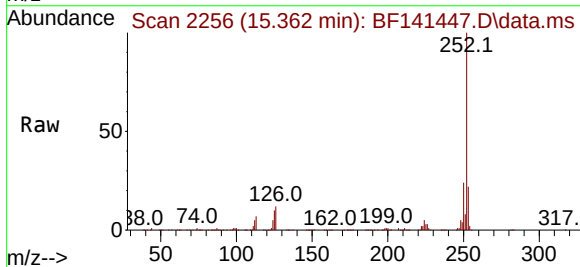
RT: 15.362 min Scan# 2256

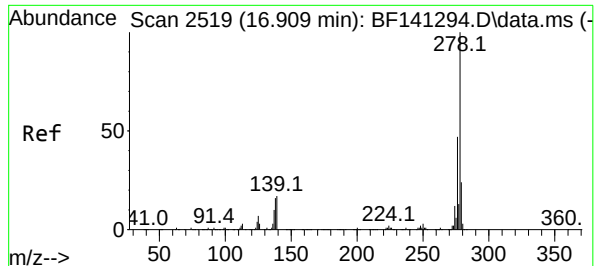
Delta R.T. -0.018 min

Lab File: BF141447.D

Acq: 05 Feb 2025 15:16

Tgt Ion:	252	Resp:	378746
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	9.7	9.4	14.2





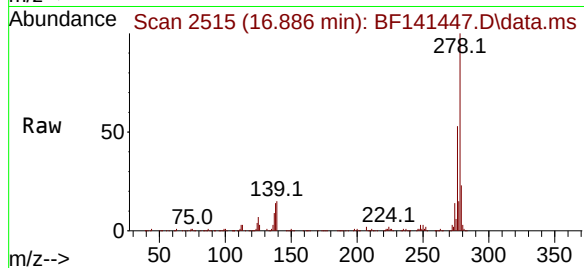
#91
Dibenzo(a,h)anthracene
Concen: 40.350 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.035 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

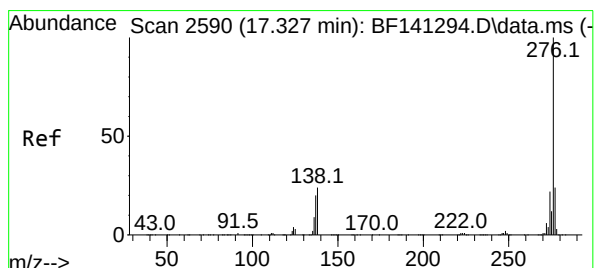
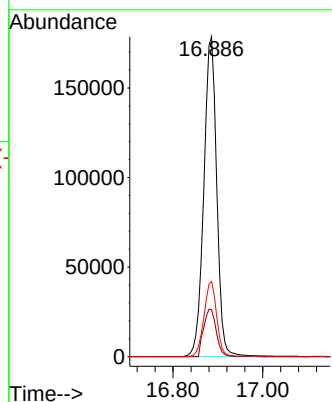
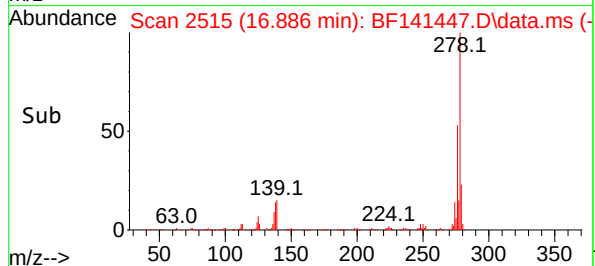


Tgt Ion:278 Resp: 35815
Ion Ratio Lower Upper
278 100
139 14.7 13.9 20.9
279 23.4 18.8 28.2

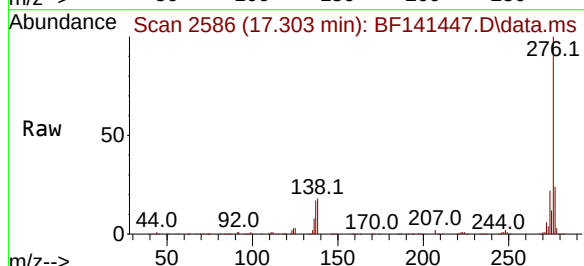
Manual Integrations

APPROVED

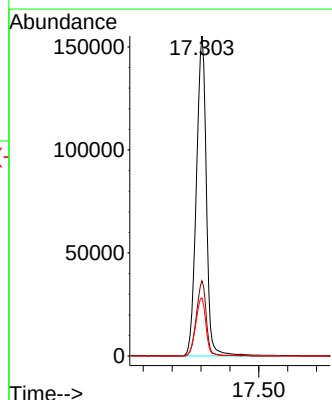
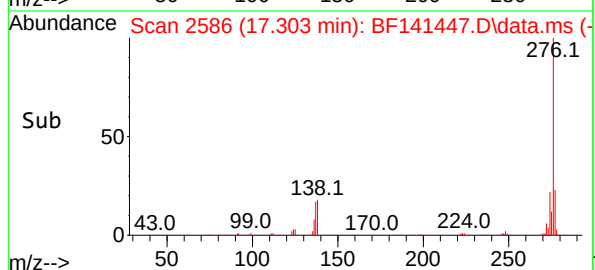
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 40.435 ng
RT: 17.303 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141447.D
Acq: 05 Feb 2025 15:16



Tgt Ion:276 Resp: 373186
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 18.1 19.0 28.4#



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 05 15:51:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	-0.01
2	1,4-Dioxane	0.573	0.522	8.9	59	-0.04
3	Pyridine	1.380	1.287	6.7	59	-0.05
4	n-Nitrosodimethylamine	0.789	0.863	-9.4	69	-0.06
5 S	2-Fluorophenol	1.303	1.309	-0.5	66	0.00
6	Aniline	1.403	1.296	7.6	58	-0.02
7 S	Phenol-d6	1.657	1.599	3.5	64	0.00
8	2-Chlorophenol	1.396	1.375	1.5	64	-0.01
9	Benzaldehyde	0.960	1.065	-10.9	72	-0.01
10 C	Phenol	1.757	1.692	3.7	62	0.00
11	bis(2-Chloroethyl)ether	1.347	1.250	7.2	61	-0.02
12	1,3-Dichlorobenzene	1.540	1.567	-1.8	66	-0.02
13 C	1,4-Dichlorobenzene	1.547	1.560	-0.8	66	-0.01
14	1,2-Dichlorobenzene	1.448	1.477	-2.0	67	-0.01
15	Benzyl Alcohol	1.133	1.192	-5.2	67	-0.01
16	2,2'-oxybis(1-Chloropropane	2.342	2.062	12.0	57	-0.01
17	2-Methylphenol	1.135	1.070	5.7	62	0.00
18	Hexachloroethane	0.571	0.587	-2.8	67	-0.01
19 P	n-Nitroso-di-n-propylamine	0.985	0.936	5.0	63	-0.02
20	3+4-Methylphenols	1.393	1.393	0.0	65	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	59	-0.01
22	Acetophenone	0.475	0.495	-4.2	67	-0.01
23 S	Nitrobenzene-d5	0.379	0.401	-5.8	66	-0.01
24	Nitrobenzene	0.393	0.410	-4.3	65	-0.02
25	Isophorone	0.656	0.639	2.6	61	-0.02
26 C	2-Nitrophenol	0.185	0.192	-3.8	64	-0.01
27	2,4-Dimethylphenol	0.236	0.229	3.0	60	0.00
28	bis(2-Chloroethoxy)methane	0.418	0.394	5.7	59	-0.02
29 C	2,4-Dichlorophenol	0.289	0.299	-3.5	65	0.00
30	1,2,4-Trichlorobenzene	0.330	0.344	-4.2	66	-0.01
31	Naphthalene	1.057	1.071	-1.3	64	-0.01
32	Benzoic acid	0.217	0.229	-5.5	61	-0.03
33	4-Chloroaniline	0.358	0.310	13.4	54	-0.01
34 C	Hexachlorobutadiene	0.194	0.212	-9.3	69	-0.01
35	Caprolactam	0.094	0.093	1.1	61	-0.03
36 C	4-Chloro-3-methylphenol	0.310	0.324	-4.5	66	0.00
37	2-Methylnaphthalene	0.672	0.677	-0.7	64	-0.01
38	1-Methylnaphthalene	0.660	0.661	-0.2	64	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	60	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.569	0.580	-1.9	65	-0.01
41 P	Hexachlorocyclopentadiene	0.168	0.169	-0.6	59	-0.01
42 S	2,4,6-Tribromophenol	0.183	0.203	-10.9	70	-0.01
43 C	2,4,6-Trichlorophenol	0.372	0.384	-3.2	63	0.00
44	2,4,5-Trichlorophenol	0.405	0.414	-2.2	66	0.00
45 S	2-Fluorobiphenyl	1.299	1.332	-2.5	67	-0.01
46	1,1'-Biphenyl	1.560	1.541	1.2	63	-0.01
47	2-Chloronaphthalene	1.216	1.206	0.8	64	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 05 15:51:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.382	0.407	-6.5	67	0.00
49	Acenaphthylene	1.702	1.722	-1.2	65	-0.01
50	Dimethylphthalate	1.351	1.366	-1.1	66	-0.02
51	2,6-Dinitrotoluene	0.314	0.321	-2.2	65	-0.01
52 C	Acenaphthene	1.216	1.253	-3.0	66	-0.01
53	3-Nitroaniline	0.307	0.312	-1.6	62	-0.01
54 P	2,4-Dinitrophenol	0.146	0.168	-15.1	68	-0.01
55	Dibenzofuran	1.627	1.652	-1.5	65	-0.01
56 P	4-Nitrophenol	0.225	0.235	-4.4	63	0.00
57	2,4-Dinitrotoluene	0.406	0.439	-8.1	68	-0.01
58	Fluorene	1.262	1.315	-4.2	67	-0.01
59	2,3,4,6-Tetrachlorophenol	0.319	0.343	-7.5	67	0.00
60	Diethylphthalate	1.310	1.335	-1.9	65	-0.02
61	4-Chlorophenyl-phenylether	0.617	0.647	-4.9	68	-0.01
62	4-Nitroaniline	0.302	0.331	-9.6	68	-0.02
63	Azobenzene	1.311	1.306	0.4	64	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	64	-0.01
65	4,6-Dinitro-2-methylphenol	0.118	0.139	-17.8	71	-0.01
66 c	n-Nitrosodiphenylamine	0.647	0.640	1.1	65	-0.01
67	4-Bromophenyl-phenylether	0.224	0.230	-2.7	68	-0.01
68	Hexachlorobenzene	0.238	0.245	-2.9	69	-0.01
69	Atrazine	0.216	0.205	5.1	62	-0.02
70 C	Pentachlorophenol	0.139	0.152	-9.4	68	-0.01
71	Phenanthrene	1.075	1.125	-4.7	70	-0.01
72	Anthracene	1.053	1.105	-4.9	70	-0.01
73	Carbazole	0.934	1.005	-7.6	72	0.00
74	Di-n-butylphthalate	1.132	1.175	-3.8	69	-0.01
75 C	Fluoranthene	1.062	1.201	-13.1	76	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	73	-0.01
77	Benzidine	0.641	0.644	-0.5	64	0.00
78	Pyrene	1.920	1.896	1.3	78	-0.01
79 S	Terphenyl-d14	1.297	1.301	-0.3	80	-0.01
80	Butylbenzylphthalate	0.671	0.684	-1.9	79	-0.01
81	Benzo(a)anthracene	1.380	1.336	3.2	76	-0.01
82	3,3'-Dichlorobenzidine	0.439	0.417	5.0	72	-0.01
83	Chrysene	1.265	1.238	2.1	79	-0.01
84	Bis(2-ethylhexyl)phthalate	0.851	0.857	-0.7	79	-0.01
85 c	Di-n-octyl phthalate	1.321	1.226	7.2	72	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	61	-0.02
87	Indeno(1,2,3-cd)pyrene	1.291	1.316	-1.9	64	-0.03
88	Benzo(b)fluoranthene	1.258	1.311	-4.2	72	-0.02
89	Benzo(k)fluoranthene	1.114	1.155	-3.7	65	-0.02
90 C	Benzo(a)pyrene	1.063	1.108	-4.2	67	-0.02
91	Dibenzo(a,h)anthracene	1.039	1.048	-0.9	63	-0.04
92	Benzo(g,h,i)perylene	1.080	1.092	-1.1	64	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141447.D
Acq On : 05 Feb 2025 15:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 05 15:51:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 05 15:51:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	60	-0.01
2	1,4-Dioxane	40.000	36.458	8.9	59	-0.04
3	Pyridine	40.000	37.303	6.7	59	-0.05
4	n-Nitrosodimethylamine	40.000	43.755	-9.4	69	-0.06
5 S	2-Fluorophenol	80.000	80.382	-0.5	66	0.00
6	Aniline	40.000	36.942	7.6	58	-0.02
7 S	Phenol-d6	80.000	77.175	3.5	64	0.00
8	2-Chlorophenol	40.000	39.384	1.5	64	-0.01
9	Benzaldehyde	40.000	44.359	-10.9	72	-0.01
10 C	Phenol	40.000	38.522	3.7	62	0.00
11	bis(2-Chloroethyl)ether	40.000	37.123	7.2	61	-0.02
12	1,3-Dichlorobenzene	40.000	40.714	-1.8	66	-0.02
13 C	1,4-Dichlorobenzene	40.000	40.346	-0.9	66	-0.01
14	1,2-Dichlorobenzene	40.000	40.781	-2.0	67	-0.01
15	Benzyl Alcohol	40.000	42.111	-5.3	67	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	35.215	12.0	57	-0.01
17	2-Methylphenol	40.000	37.700	5.7	62	0.00
18	Hexachloroethane	40.000	41.142	-2.9	67	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	38.029	4.9	63	-0.02
20	3+4-Methylphenols	40.000	39.993	0.0	65	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	59	-0.01
22	Acetophenone	40.000	41.690	-4.2	67	-0.01
23 S	Nitrobenzene-d5	80.000	84.661	-5.8	66	-0.01
24	Nitrobenzene	40.000	41.742	-4.4	65	-0.02
25	Isophorone	40.000	38.977	2.6	61	-0.02
26 C	2-Nitrophenol	40.000	41.507	-3.8	64	-0.01
27	2,4-Dimethylphenol	40.000	38.815	3.0	60	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.637	5.9	59	-0.02
29 C	2,4-Dichlorophenol	40.000	41.356	-3.4	65	0.00
30	1,2,4-Trichlorobenzene	40.000	41.662	-4.2	66	-0.01
31	Naphthalene	40.000	40.542	-1.4	64	-0.01
32	Benzoic acid	40.000	42.178	-5.4	61	-0.03
33	4-Chloroaniline	40.000	34.556	13.6	54	-0.01
34 C	Hexachlorobutadiene	40.000	43.752	-9.4	69	-0.01
35	Caprolactam	40.000	39.508	1.2	61	-0.03
36 C	4-Chloro-3-methylphenol	40.000	41.835	-4.6	66	0.00
37	2-Methylnaphthalene	40.000	40.313	-0.8	64	-0.01
38	1-Methylnaphthalene	40.000	40.101	-0.3	64	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	60	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	40.790	-2.0	65	-0.01
41 P	Hexachlorocyclopentadiene	40.000	40.311	-0.8	59	-0.01
42 S	2,4,6-Tribromophenol	80.000	88.675	-10.8	70	-0.01
43 C	2,4,6-Trichlorophenol	40.000	41.280	-3.2	63	0.00
44	2,4,5-Trichlorophenol	40.000	40.864	-2.2	66	0.00
45 S	2-Fluorobiphenyl	80.000	82.031	-2.5	67	-0.01
46	1,1'-Biphenyl	40.000	39.526	1.2	63	-0.01
47	2-Chloronaphthalene	40.000	39.690	0.8	64	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141447.D
 Acq On : 05 Feb 2025 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 05 15:51:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	42.611	-6.5	67	0.00
49	Acenaphthylene	40.000	40.477	-1.2	65	-0.01
50	Dimethylphthalate	40.000	40.461	-1.2	66	-0.02
51	2,6-Dinitrotoluene	40.000	40.902	-2.3	65	-0.01
52 C	Acenaphthene	40.000	41.234	-3.1	66	-0.01
53	3-Nitroaniline	40.000	40.648	-1.6	62	-0.01
54 P	2,4-Dinitrophenol	40.000	46.121	-15.3	68	-0.01
55	Dibenzofuran	40.000	40.604	-1.5	65	-0.01
56 P	4-Nitrophenol	40.000	41.757	-4.4	63	0.00
57	2,4-Dinitrotoluene	40.000	43.255	-8.1	68	-0.01
58	Fluorene	40.000	41.681	-4.2	67	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	43.009	-7.5	67	0.00
60	Diethylphthalate	40.000	40.767	-1.9	65	-0.02
61	4-Chlorophenyl-phenylether	40.000	41.942	-4.9	68	-0.01
62	4-Nitroaniline	40.000	43.805	-9.5	68	-0.02
63	Azobenzene	40.000	39.861	0.3	64	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	64	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	47.093	-17.7	71	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.596	1.0	65	-0.01
67	4-Bromophenyl-phenylether	40.000	41.034	-2.6	68	-0.01
68	Hexachlorobenzene	40.000	41.264	-3.2	69	-0.01
69	Atrazine	40.000	37.984	5.0	62	-0.02
70 C	Pentachlorophenol	40.000	43.736	-9.3	68	-0.01
71	Phenanthrene	40.000	41.848	-4.6	70	-0.01
72	Anthracene	40.000	41.945	-4.9	70	-0.01
73	Carbazole	40.000	43.030	-7.6	72	0.00
74	Di-n-butylphthalate	40.000	41.523	-3.8	69	-0.01
75 C	Fluoranthene	40.000	45.252	-13.1	76	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	73	-0.01
77	Benzydine	40.000	40.163	-0.4	64	0.00
78	Pyrene	40.000	39.495	1.3	78	-0.01
79 S	Terphenyl-d14	80.000	80.246	-0.3	80	-0.01
80	Butylbenzylphthalate	40.000	40.822	-2.1	79	-0.01
81	Benzo(a)anthracene	40.000	38.719	3.2	76	-0.01
82	3,3'-Dichlorobenzidine	40.000	37.967	5.1	72	-0.01
83	Chrysene	40.000	39.147	2.1	79	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.283	-0.7	79	-0.01
85 c	Di-n-octyl phthalate	40.000	37.112	7.2	72	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	61	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	40.777	-1.9	64	-0.03
88	Benzo(b)fluoranthene	40.000	41.674	-4.2	72	-0.02
89	Benzo(k)fluoranthene	40.000	41.460	-3.7	65	-0.02
90 C	Benzo(a)pyrene	40.000	41.684	-4.2	67	-0.02
91	Dibenzo(a,h)anthracene	40.000	40.350	-0.9	63	-0.04
92	Benzo(g,h,i)perylene	40.000	40.435	-1.1	64	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141447.D
Acq On : 05 Feb 2025 15:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 05 15:51:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1282 SAS No.: Q1282 SDG No.: Q1282

Instrument ID: BNA_F Calibration Date/Time: 02/07/2025 09:55

Lab File ID: BF141496.D Init. Calib. Date(s): 02/06/2025 02/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:07 14:14

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.276	1.278		0.2	
Phenol-d6	1.612	1.603		-0.6	
Phenol	1.678	1.674		-0.2	20.0
1,4-Dichlorobenzene	1.487	1.492		0.3	20.0
Nitrobenzene-d5	0.383	0.379		-1.0	
1,2,4-Trichlorobenzene	0.320	0.314		-1.9	
Naphthalene	1.041	1.032		-0.9	
2-Fluorobiphenyl	1.298	1.253		-3.5	
2,4,6-Tribromophenol	0.201	0.193		-4.0	
Terphenyl-d14	1.185	1.179		-0.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91214	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	362855	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	201746	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	342006	20.000	ng	0.00
76) Chrysene-d12	13.957	240	240401	20.000	ng	0.00
86) Perylene-d12	15.410	264	192218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	466162	80.122	ng	0.00
7) Phenol-d6	6.428	99	584998	79.552	ng	-0.01
23) Nitrobenzene-d5	7.357	82	550061	79.068	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	156075	77.012	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1011149	77.217	ng	0.00
79) Terphenyl-d14	12.904	244	1133546	79.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	93900	40.099	ng	100
3) Pyridine	3.204	79	225767	40.516	ng	98
4) n-Nitrosodimethylamine	3.157	42	147706	40.032	ng	96
6) Aniline	6.451	93	265138	38.436	ng	98
8) 2-Chlorophenol	6.581	128	250859	39.903	ng	100
9) Benzaldehyde	6.340	77	133096	34.059	ng	99
10) Phenol	6.445	94	305307	39.890	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	230405	40.079	ng	99
12) 1,3-Dichlorobenzene	6.728	146	264107	39.793	ng	99
13) 1,4-Dichlorobenzene	6.804	146	272238	40.146	ng	99
14) 1,2-Dichlorobenzene	6.963	146	251498	39.960	ng	99
15) Benzyl Alcohol	6.934	79	221840	39.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	388669	39.495	ng	99
17) 2-Methylphenol	7.051	107	193513	39.334	ng	99
18) Hexachloroethane	7.298	117	100797	40.164	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	177792	40.419	ng	99
20) 3+4-Methylphenols	7.204	107	247906	39.650	ng	98
22) Acetophenone	7.204	105	354825	39.311	ng	99
24) Nitrobenzene	7.375	77	270998	39.948	ng	99
25) Isophorone	7.616	82	440694	39.729	ng	99
26) 2-Nitrophenol	7.692	139	136362	40.403	ng	96
27) 2,4-Dimethylphenol	7.734	122	155109	39.340	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	286038	40.243	ng	100
29) 2,4-Dichlorophenol	7.939	162	214062	40.182	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	227714	39.253	ng	99
31) Naphthalene	8.098	128	749139	39.662	ng	100
32) Benzoic acid	7.857	122	167593	40.922	ng	100
33) 4-Chloroaniline	8.151	127	245806	37.274	ng	99
34) Hexachlorobutadiene	8.210	225	139120	39.946	ng	99
35) Caprolactam	8.516	113	64455	39.738	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	237561	40.257	ng	99
37) 2-Methylnaphthalene	8.786	142	474911	38.639	ng	99
38) 1-Methylnaphthalene	8.886	142	470524	39.526	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	228084	39.077	ng	99
41) Hexachlorocyclopentadiene	8.939	237	78812	40.596	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	148599	39.391	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

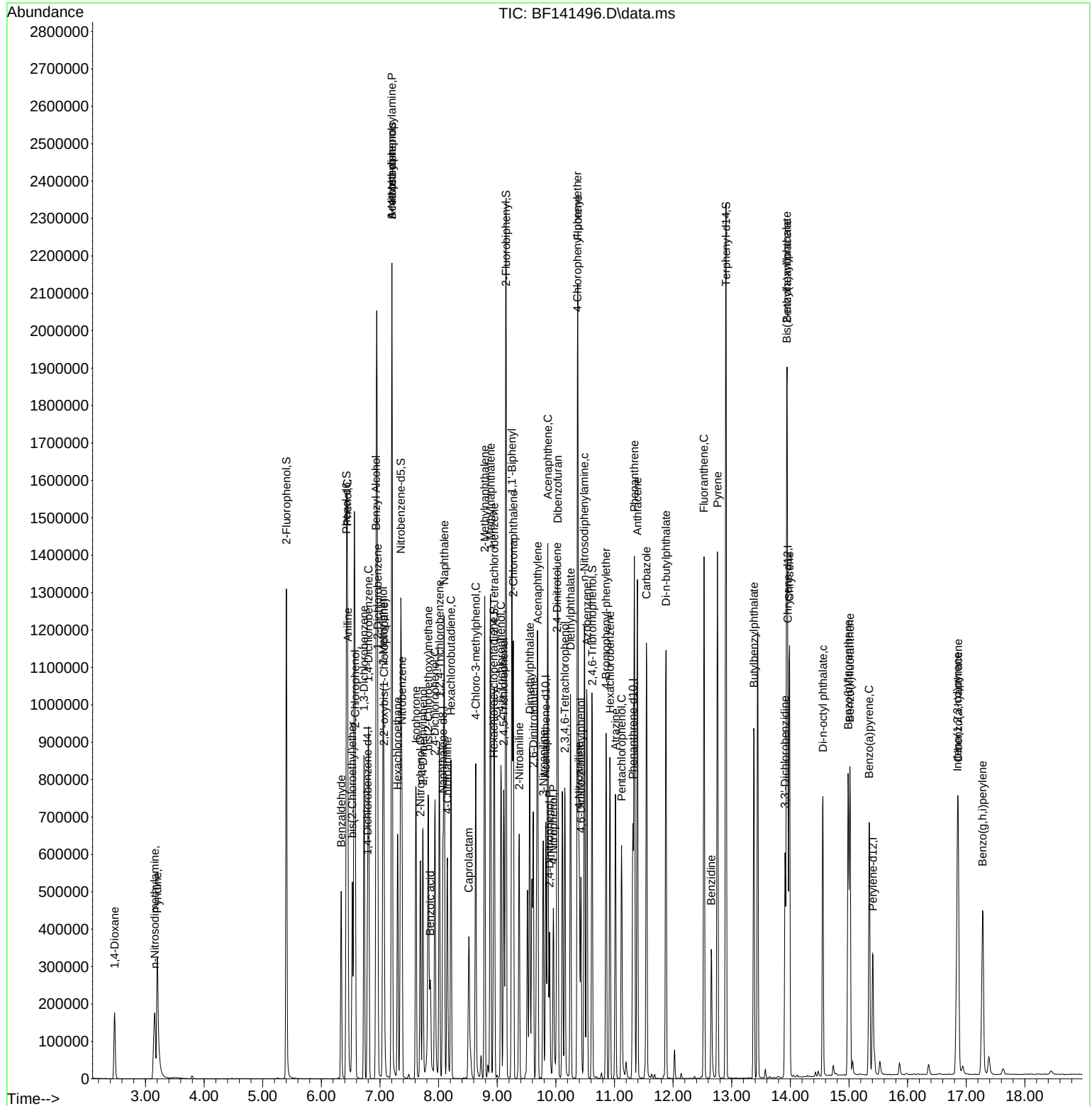
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	159885	39.107	ng	99
46) 1,1'-Biphenyl	9.251	154	607180	38.820	ng	100
47) 2-Chloronaphthalene	9.275	162	451337	39.023	ng	100
48) 2-Nitroaniline	9.375	65	152041	39.170	ng	98
49) Acenaphthylene	9.692	152	675685	39.277	ng	100
50) Dimethylphthalate	9.557	163	529941	38.693	ng	100
51) 2,6-Dinitrotoluene	9.616	165	117389	39.208	ng	99
52) Acenaphthene	9.863	154	452808	39.152	ng	99
53) 3-Nitroaniline	9.786	138	125508	38.948	ng	99
54) 2,4-Dinitrophenol	9.892	184	67632	38.007	ng	98
55) Dibenzofuran	10.033	168	660638	38.916	ng	100
56) 4-Nitrophenol	9.957	139	96383	40.291	ng	98
57) 2,4-Dinitrotoluene	10.022	165	155299	38.963	ng	99
58) Fluorene	10.375	166	509117	38.787	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	139813	39.721	ng	96
60) Diethylphthalate	10.251	149	517267	38.386	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	246536	39.042	ng	99
62) 4-Nitroaniline	10.398	138	132456	40.480	ng	99
63) Azobenzene	10.527	77	523713	39.094	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	96815	40.751	ng	98
66) n-Nitrosodiphenylamine	10.486	169	429297	39.213	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	153212	40.083	ng	97
68) Hexachlorobenzene	10.922	284	156634	39.795	ng	98
69) Atrazine	11.016	200	126566	38.536	ng	99
70) Pentachlorophenol	11.122	266	103590	41.160	ng	98
71) Phenanthrene	11.339	178	735189	39.052	ng	100
72) Anthracene	11.392	178	740620	39.135	ng	100
73) Carbazole	11.545	167	675674	39.680	ng	100
74) Di-n-butylphthalate	11.880	149	798668	40.620	ng	100
75) Fluoranthene	12.527	202	806032	40.384	ng	99
77) Benzidine	12.651	184	199354	37.601	ng	99
78) Pyrene	12.757	202	811169	39.638	ng	100
80) Butylbenzylphthalate	13.380	149	305486	43.097	ng	98
81) Benzo(a)anthracene	13.945	228	611195	38.247	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	176694	38.600	ng	98
83) Chrysene	13.986	228	596150	40.402	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	371491	46.468	ng	100
85) Di-n-octyl phthalate	14.557	149	494876	43.392	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	474290	39.934	ng	99
88) Benzo(b)fluoranthene	14.986	252	529908	41.057	ng	99
89) Benzo(k)fluoranthene	15.015	252	425996	38.653	ng	98
90) Benzo(a)pyrene	15.345	252	419642	40.182	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	385831	40.092	ng	99
92) Benzo(g,h,i)perylene	17.280	276	407051	40.419	ng	100

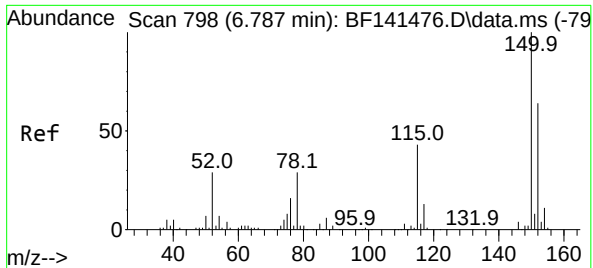
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF141496.D  
Acq On    : 07 Feb 2025  09:55  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

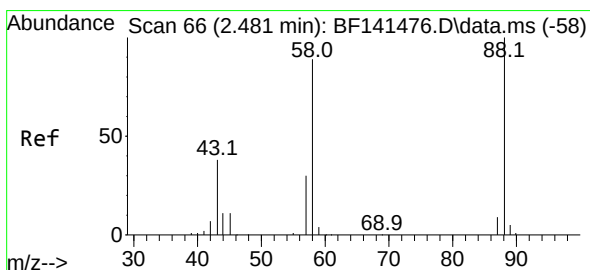
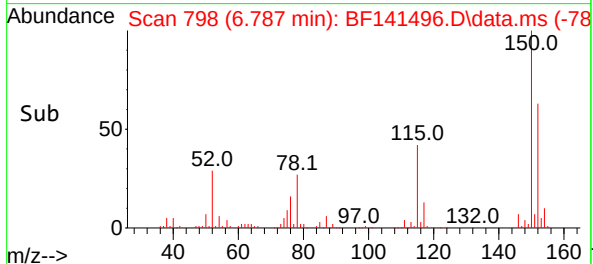
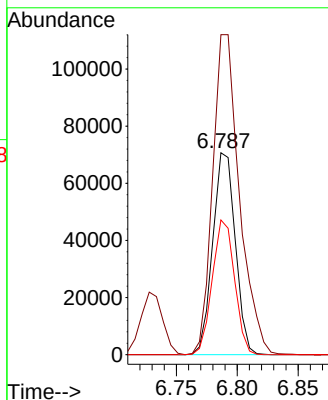
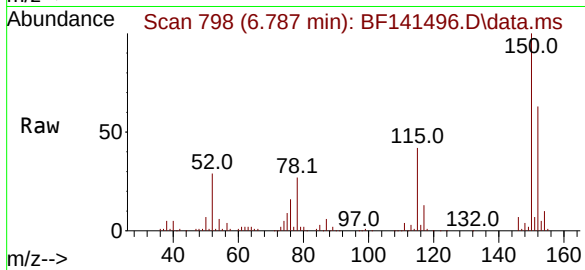




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

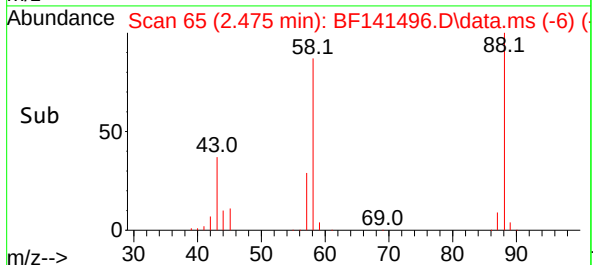
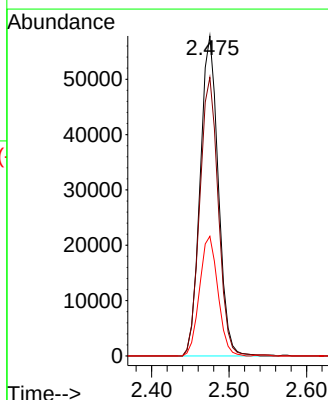
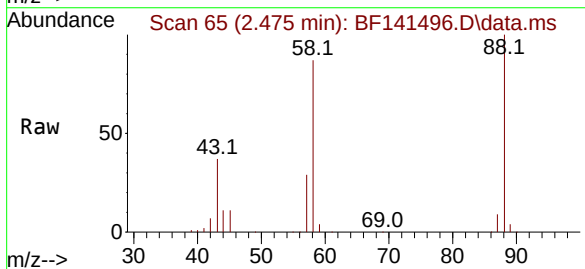
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

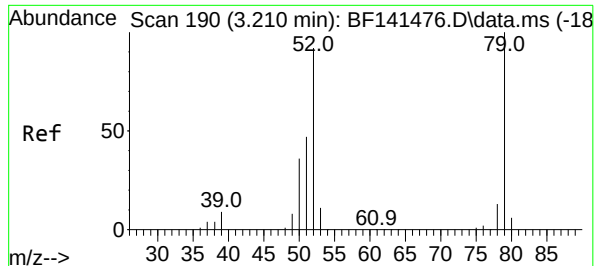
Tgt Ion:152 Resp: 91214
Ion Ratio Lower Upper
152 100
150 158.5 125.0 187.4
115 66.7 53.6 80.4



#2
1,4-Dioxane
Concen: 40.099 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion: 88 Resp: 93900
Ion Ratio Lower Upper
88 100
58 88.5 71.1 106.7
43 37.9 30.6 46.0





#3

Pyridine

Concen: 40.516 ng

RT: 3.204 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

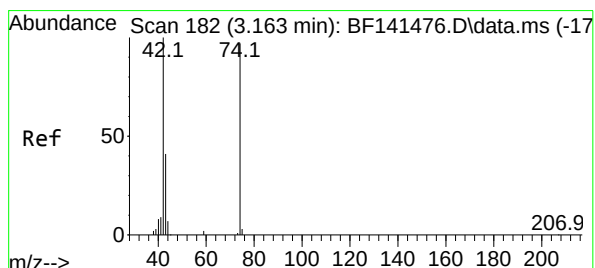
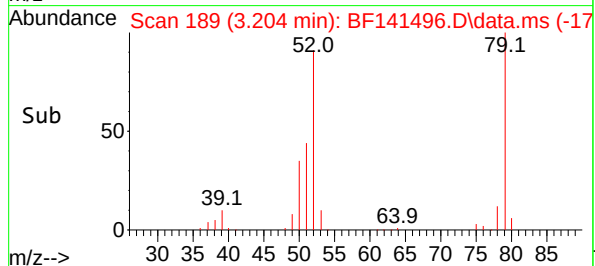
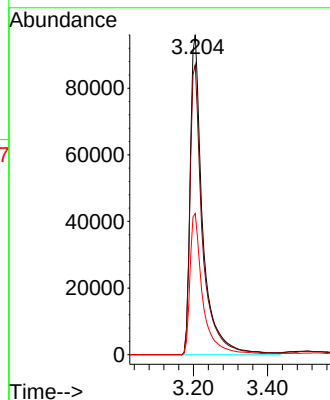
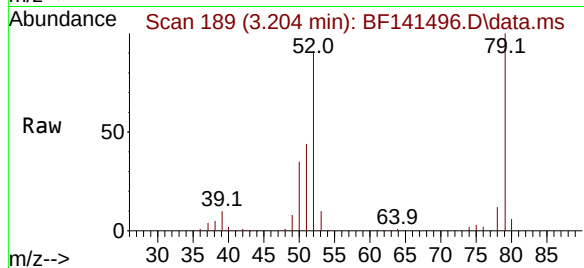
Tgt Ion: 79 Resp: 225767

Ion Ratio Lower Upper

79 100

52 90.6 73.7 110.5

51 44.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.032 ng

RT: 3.157 min Scan# 181

Delta R.T. -0.029 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

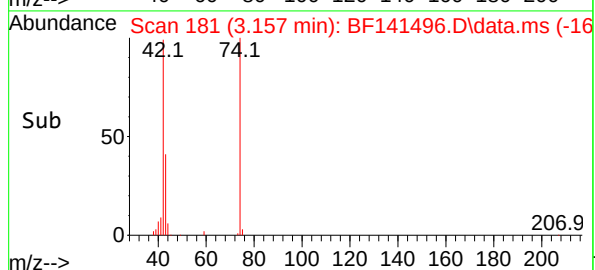
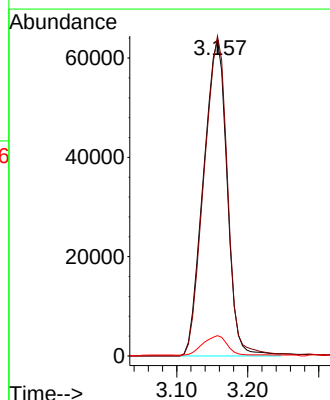
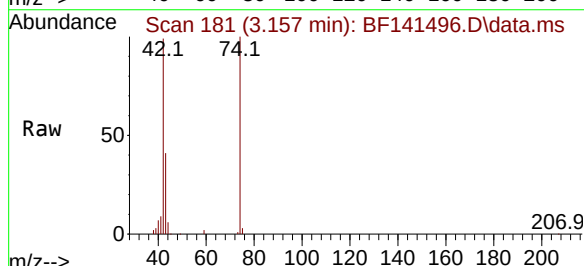
Tgt Ion: 42 Resp: 147706

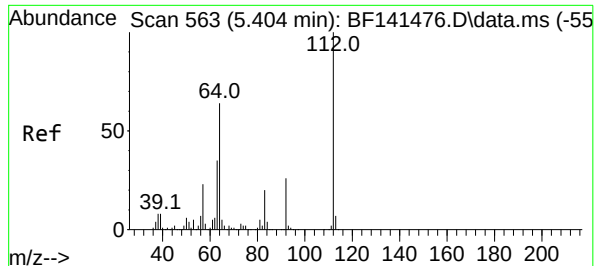
Ion Ratio Lower Upper

42 100

74 101.1 78.0 117.0

44 6.4 5.4 8.2

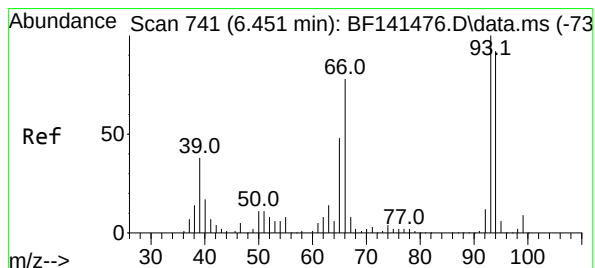
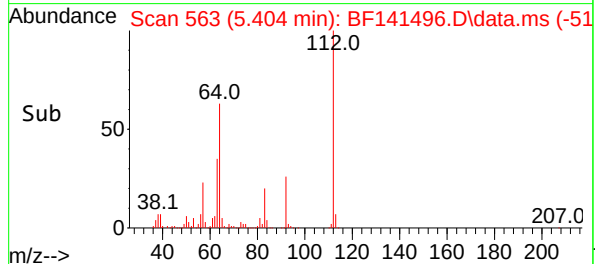
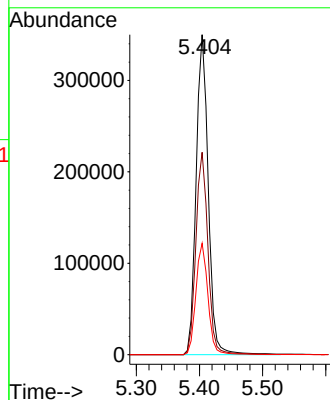
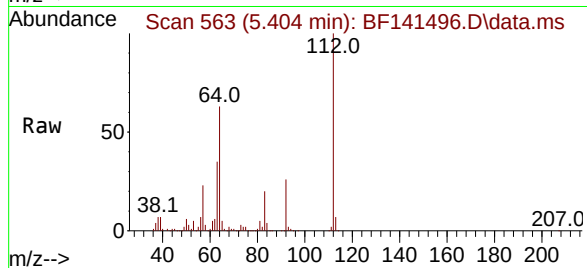




#5
2-Fluorophenol
Concen: 80.122 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

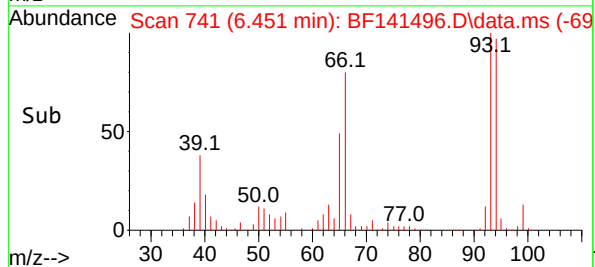
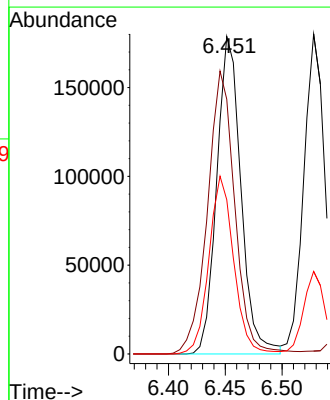
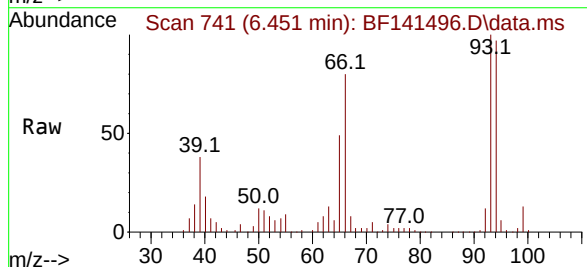
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

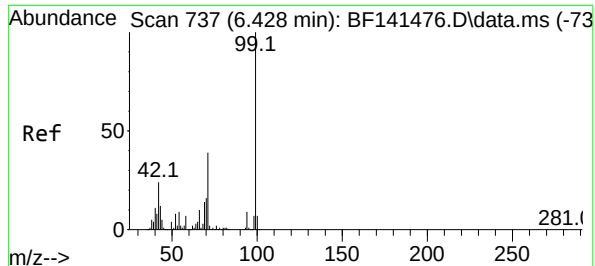
Tgt Ion:112 Resp: 466162
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 34.8 28.4 42.6



#6
Aniline
Concen: 38.436 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion: 93 Resp: 265138
Ion Ratio Lower Upper
93 100
66 80.2 62.6 94.0
65 48.6 38.3 57.5

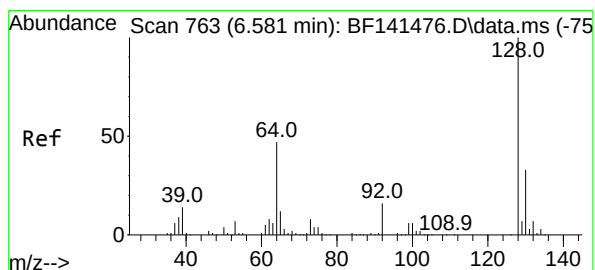
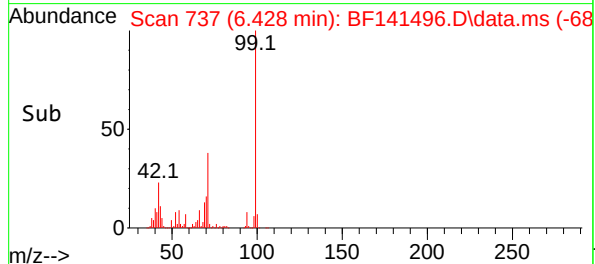
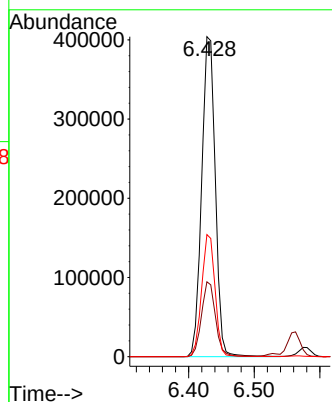
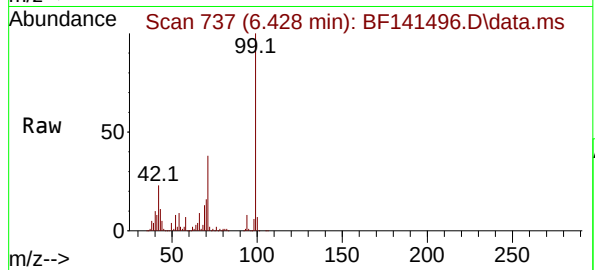




#7
Phenol-d6
Concen: 79.552 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

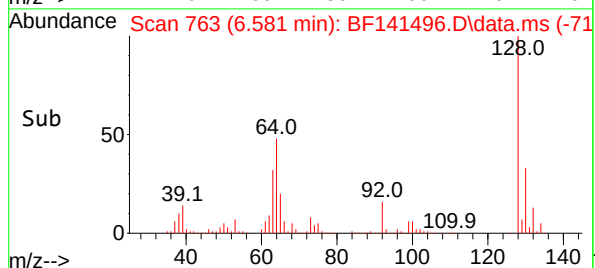
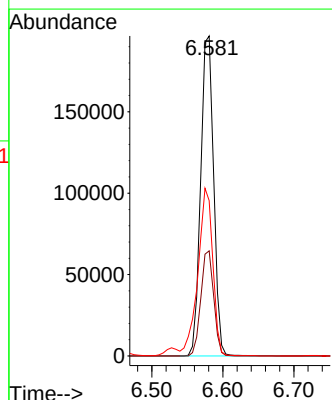
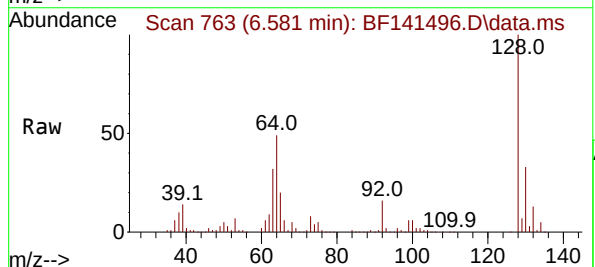
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

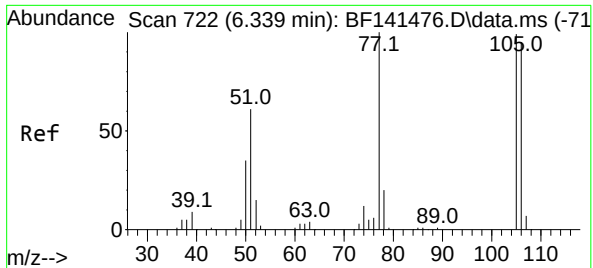
Tgt Ion: 99 Resp: 584998
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 38.1 31.1 46.7



#8
2-Chlorophenol
Concen: 39.903 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion: 128 Resp: 250859
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 48.5 28.3 68.3





#9

Benzaldehyde

Concen: 34.059 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

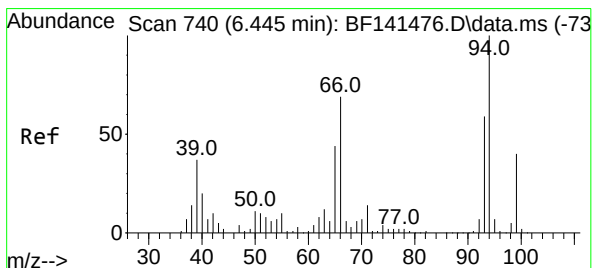
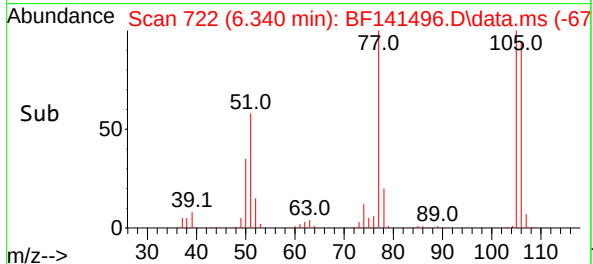
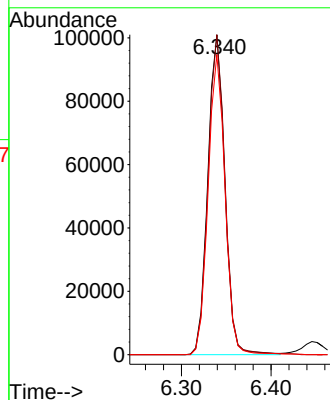
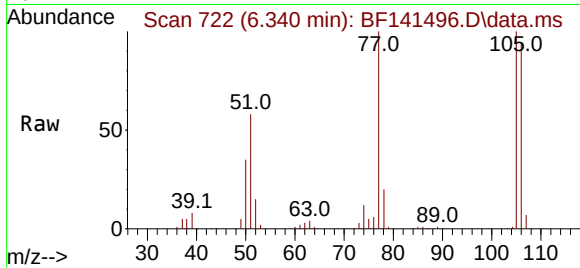
Tgt Ion: 77 Resp: 133096

Ion Ratio Lower Upper

77 100

105 100.0 79.4 119.4

106 93.8 75.1 115.1



#10

Phenol

Concen: 39.890 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

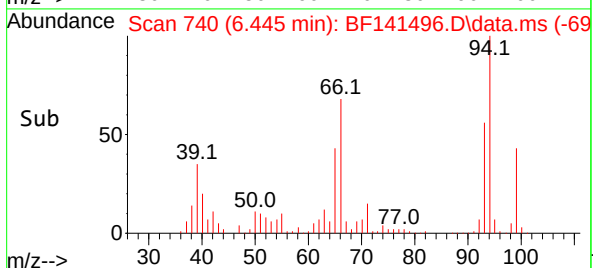
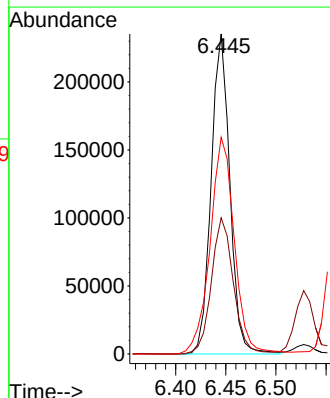
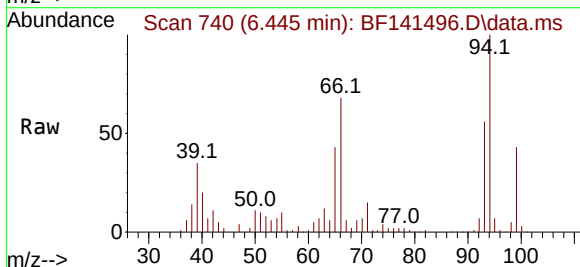
Tgt Ion: 94 Resp: 305307

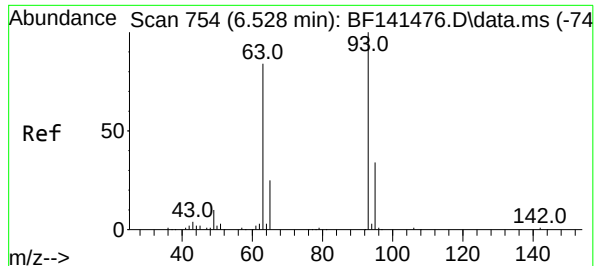
Ion Ratio Lower Upper

94 100

65 42.6 23.7 63.7

66 67.7 49.3 89.3

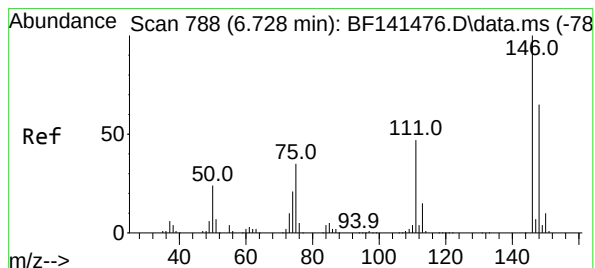
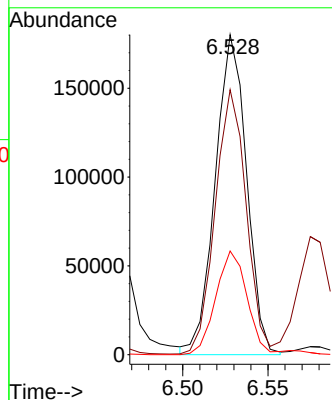
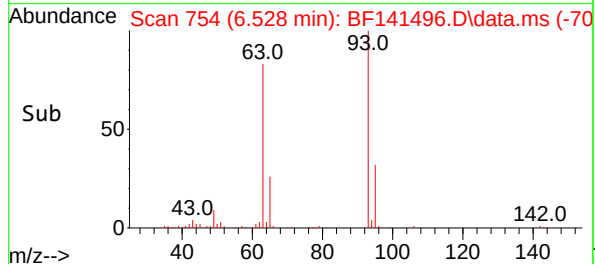
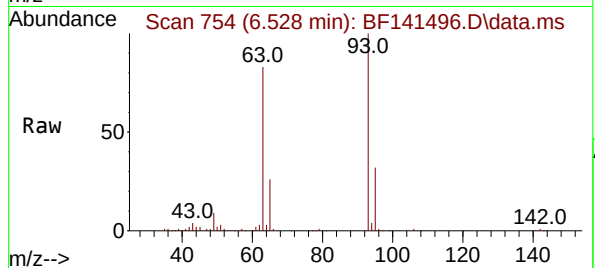




#11
bis(2-Chloroethyl)ether
Concen: 40.079 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

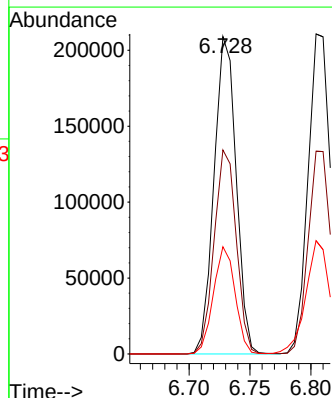
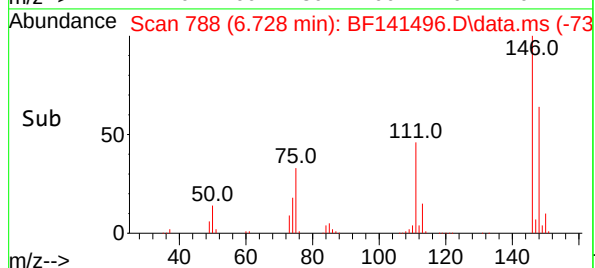
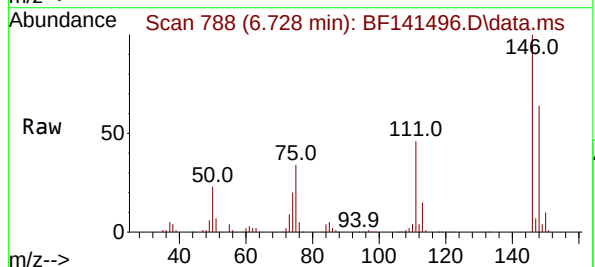
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

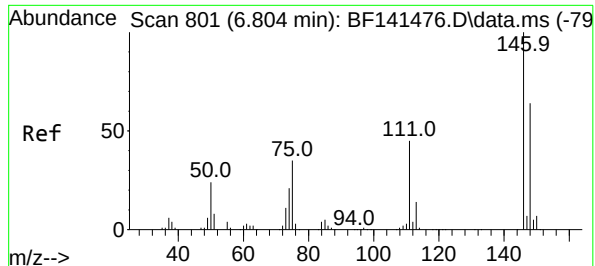
Tgt Ion: 93 Resp: 230405
Ion Ratio Lower Upper
93 100
63 82.8 62.0 102.0
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.793 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:146 Resp: 264107
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 33.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 40.146 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

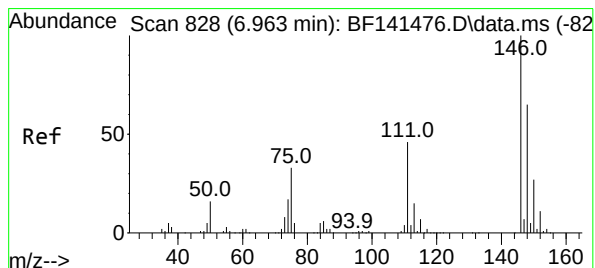
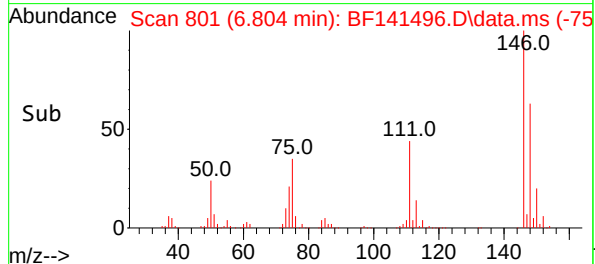
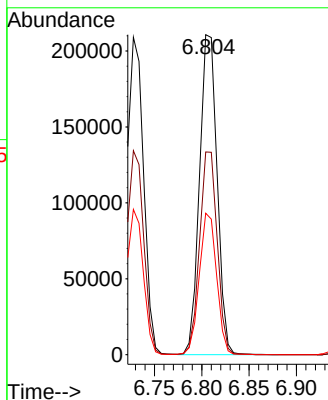
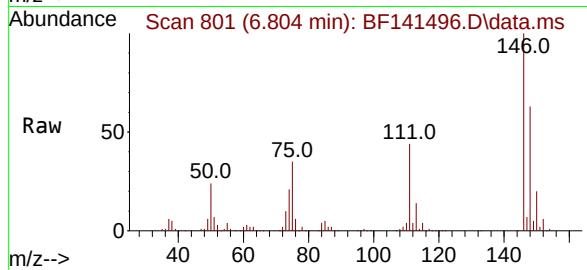
Tgt Ion:146 Resp: 272238

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

111 44.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.960 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

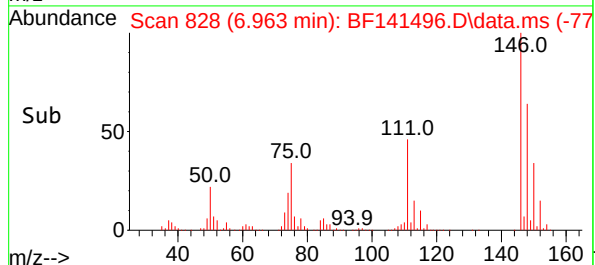
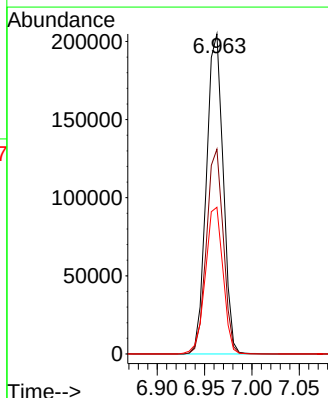
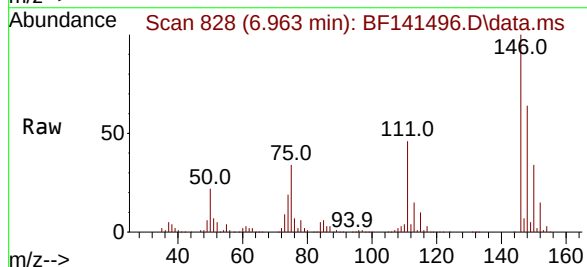
Tgt Ion:146 Resp: 251498

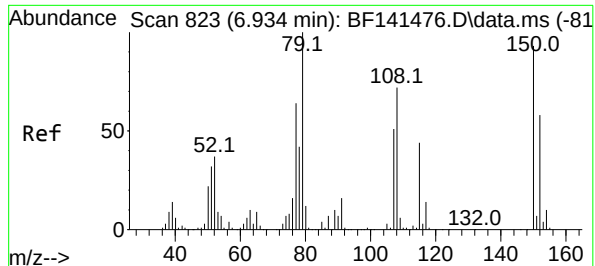
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

111 45.8 37.0 55.4





#15

Benzyl Alcohol

Concen: 39.339 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

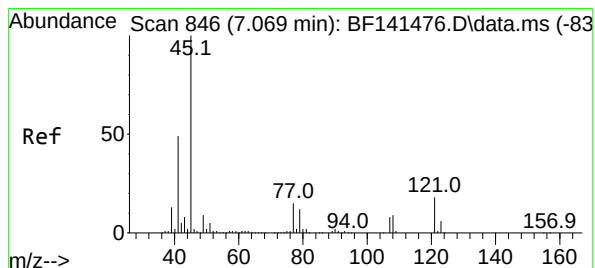
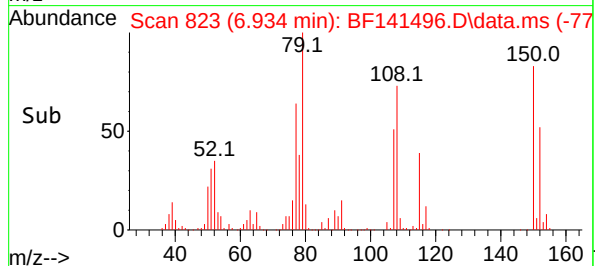
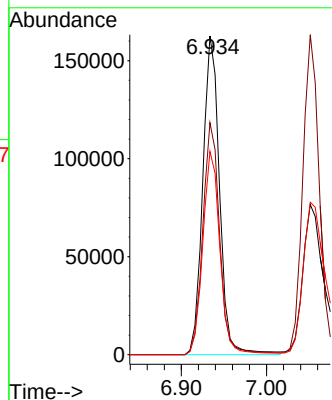
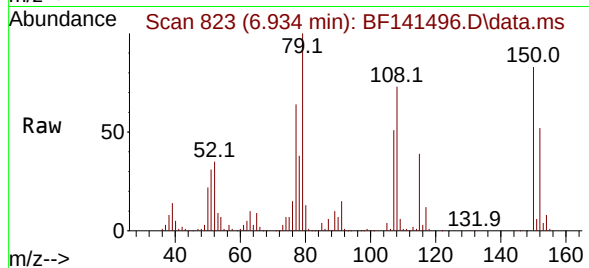
Tgt Ion: 79 Resp: 221840

Ion Ratio Lower Upper

79 100

108 72.8 57.4 86.2

77 63.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.495 ng

RT: 7.069 min Scan# 846

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

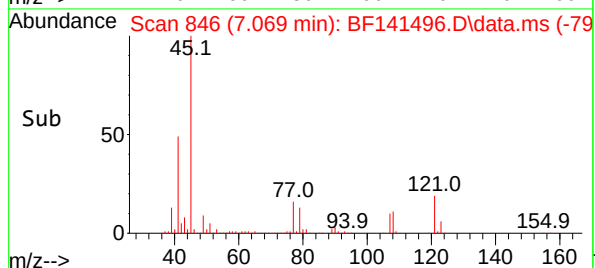
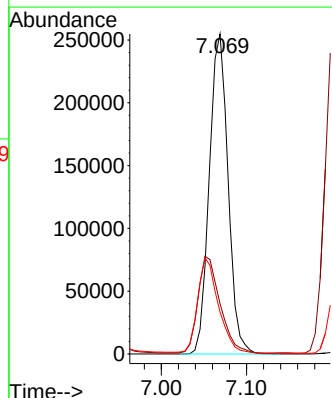
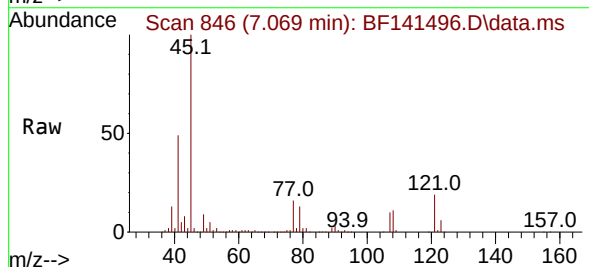
Tgt Ion: 45 Resp: 388669

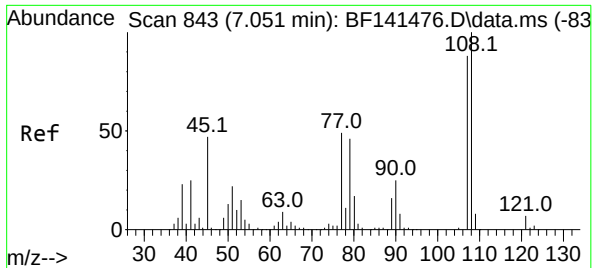
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

79 13.1 0.0 32.7

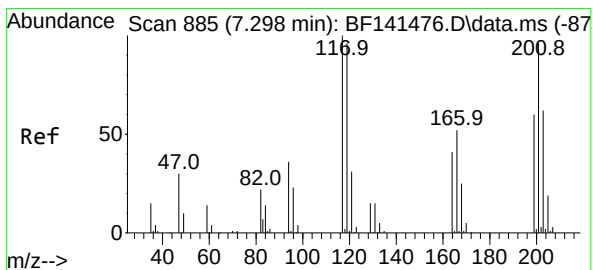
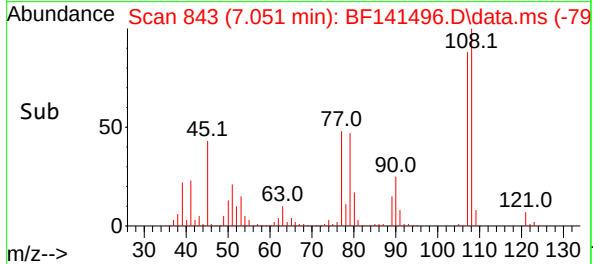
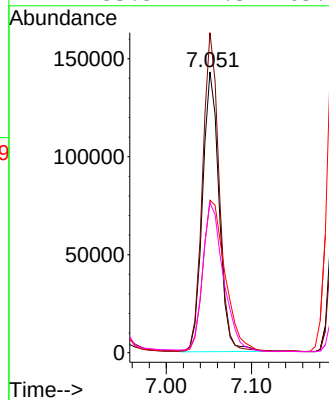
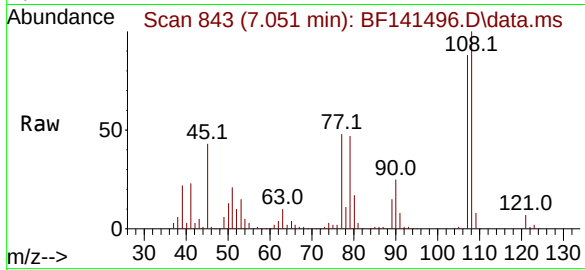




#17
2-Methylphenol
Concen: 39.334 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

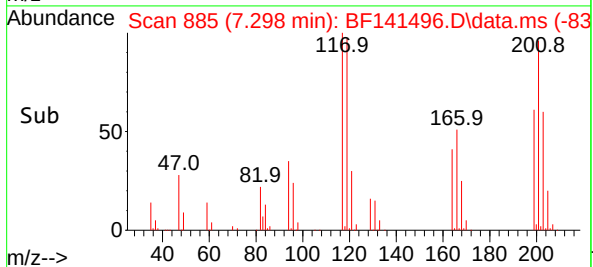
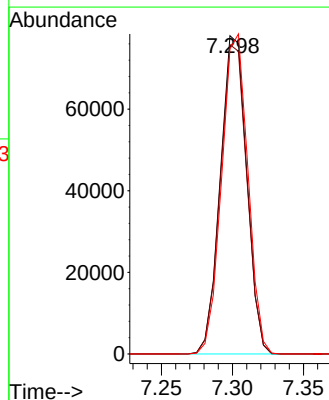
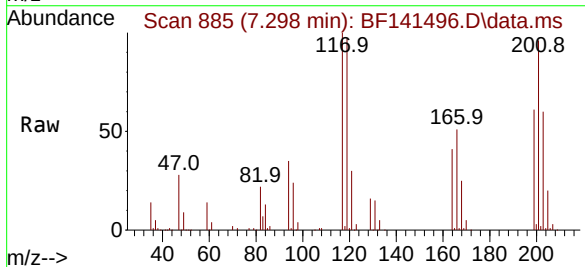
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

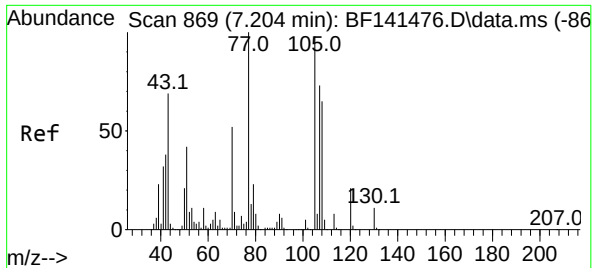
Tgt Ion:107 Resp: 193513
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 54.3 44.4 66.6
79 53.5 42.3 63.5



#18
Hexachloroethane
Concen: 40.164 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:117 Resp: 100797
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7
201 95.9 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.419 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 177792

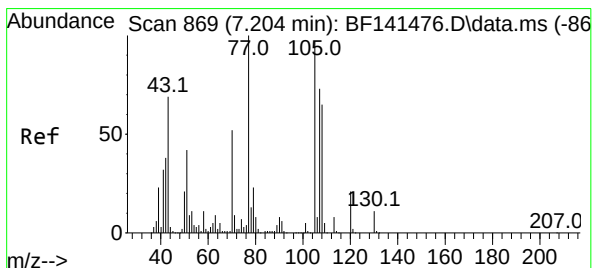
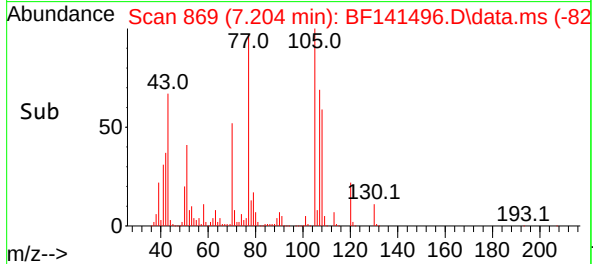
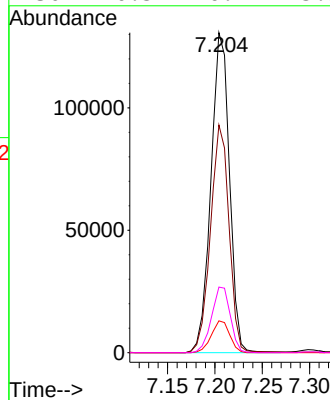
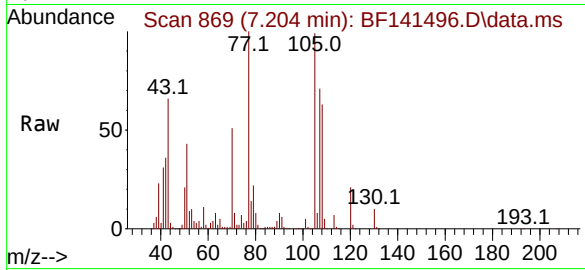
Ion Ratio Lower Upper

70 100

42 71.2 57.4 86.2

101 9.9 8.0 12.0

130 20.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.650 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Tgt Ion:107 Resp: 247906

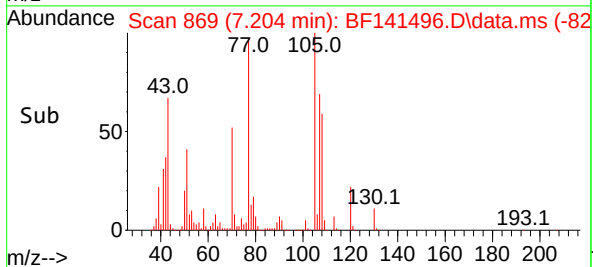
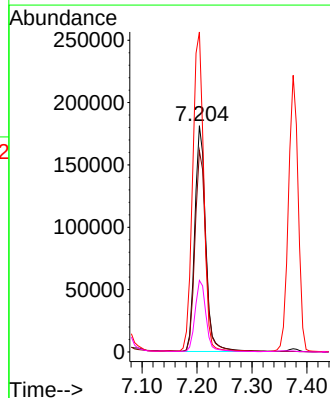
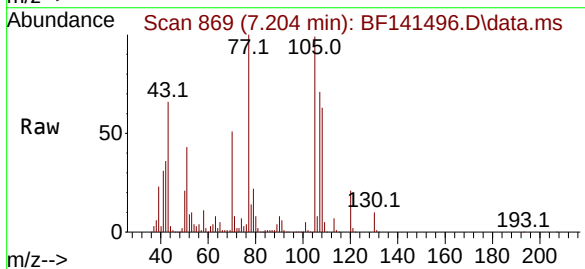
Ion Ratio Lower Upper

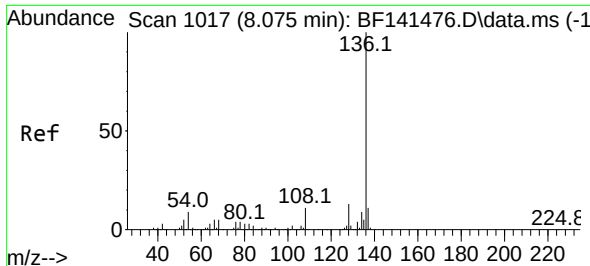
107 100

108 89.0 68.5 108.5

77 141.4 116.5 156.5

79 31.6 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 362855

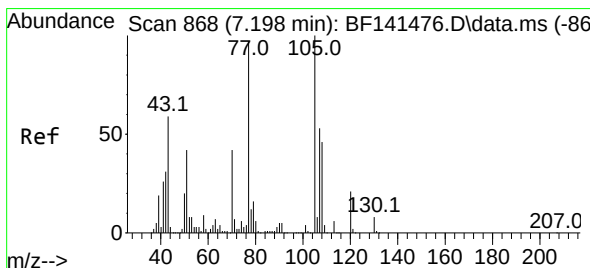
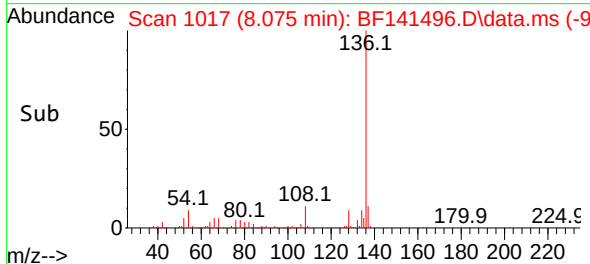
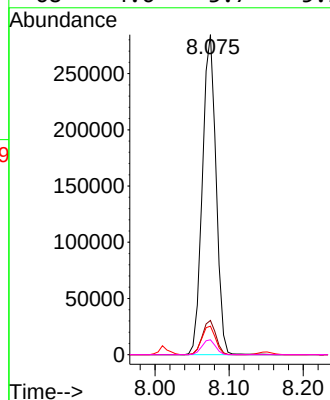
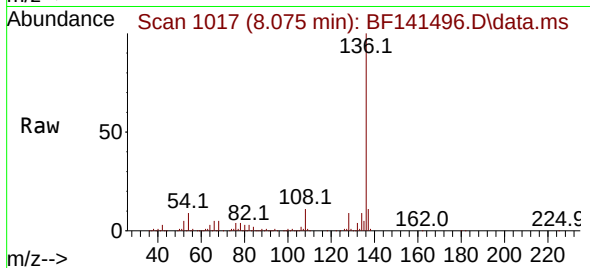
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.9 7.2 10.8

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 39.311 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Tgt Ion:105 Resp: 354825

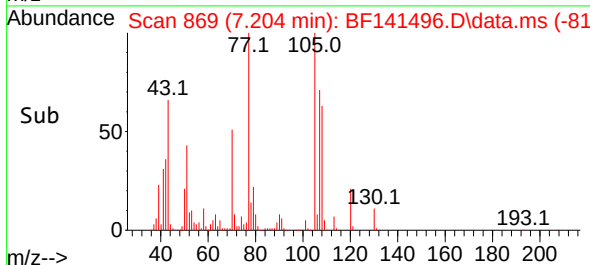
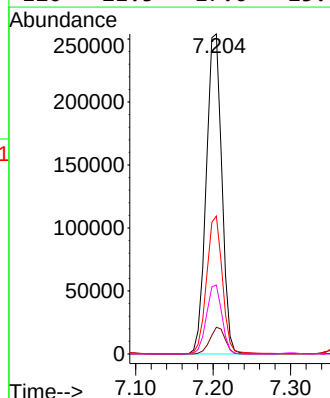
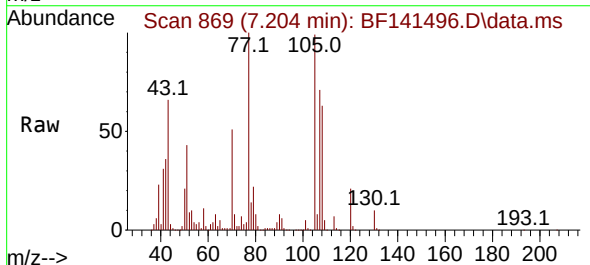
Ion Ratio Lower Upper

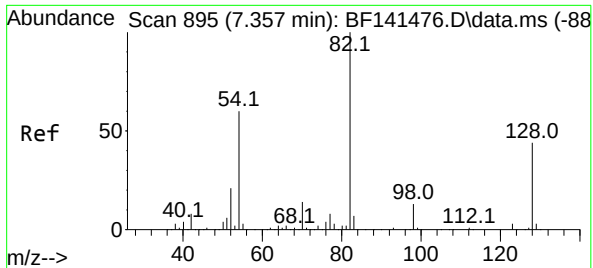
105 100

71 8.4 5.7 8.5

51 43.1 33.7 50.5

120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.068 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

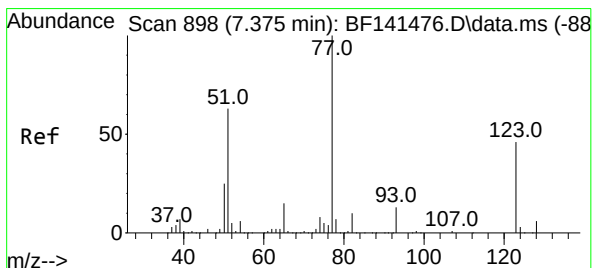
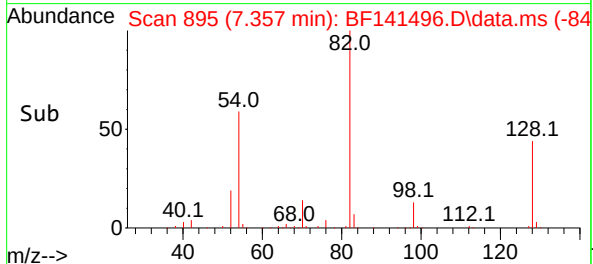
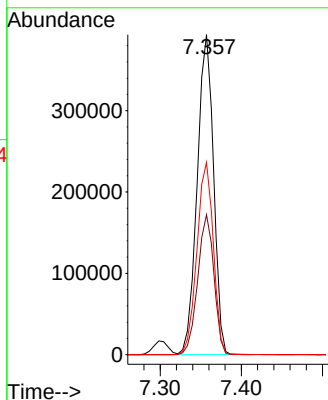
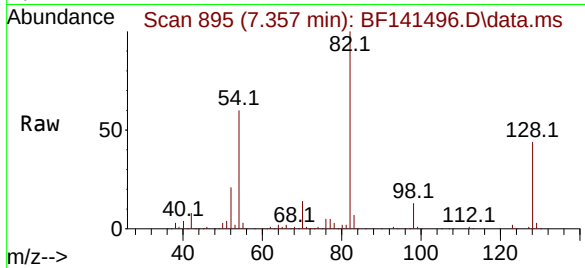
Tgt Ion: 82 Resp: 550061

Ion Ratio Lower Upper

82 100

128 43.7 34.8 52.2

54 60.1 48.2 72.4



#24

Nitrobenzene

Concen: 39.948 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

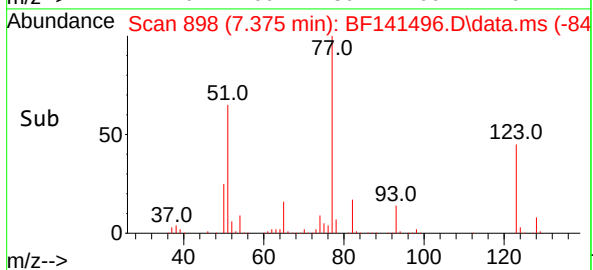
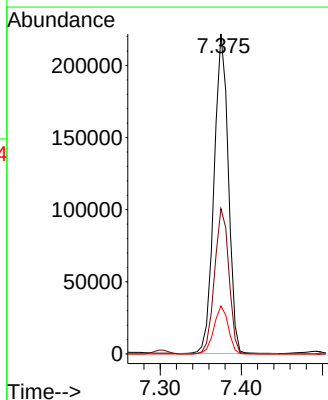
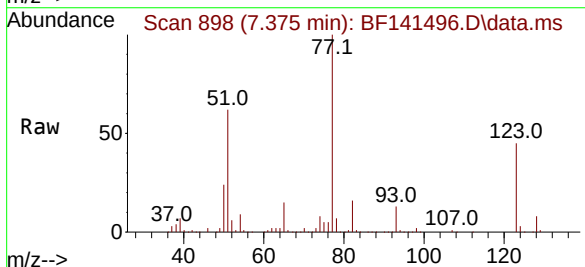
Tgt Ion: 77 Resp: 270998

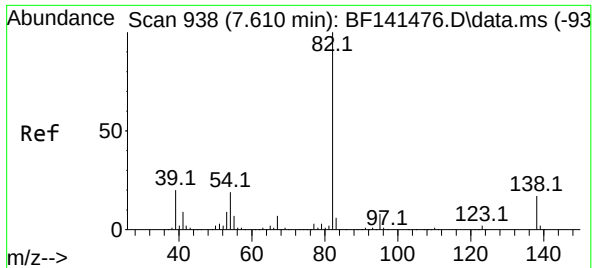
Ion Ratio Lower Upper

77 100

123 45.5 36.9 55.3

65 15.0 11.9 17.9

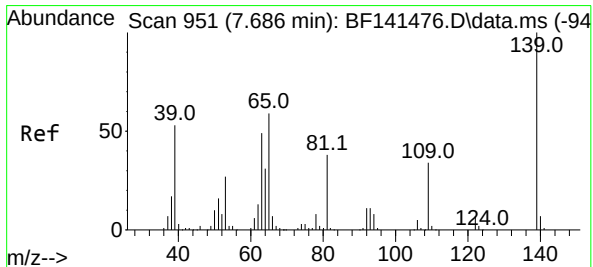
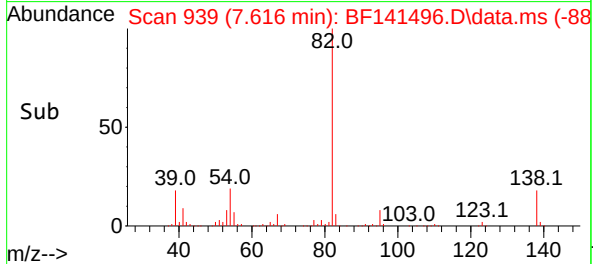
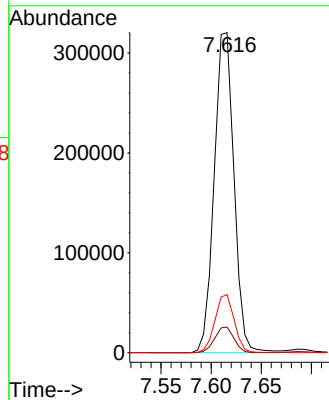
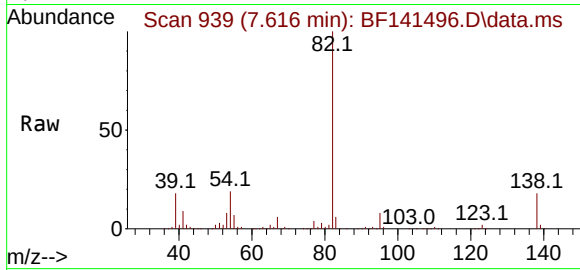




#25
Isophorone
Concen: 39.729 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

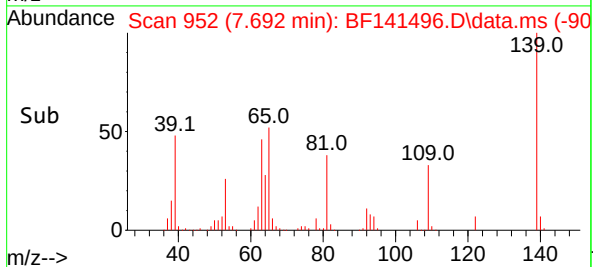
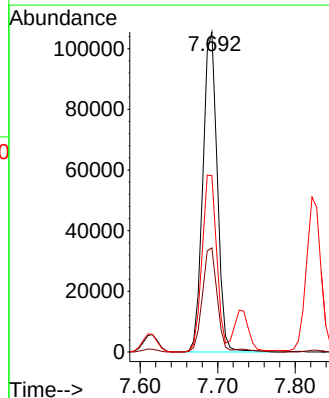
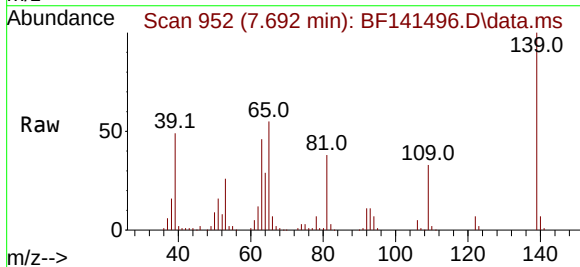
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

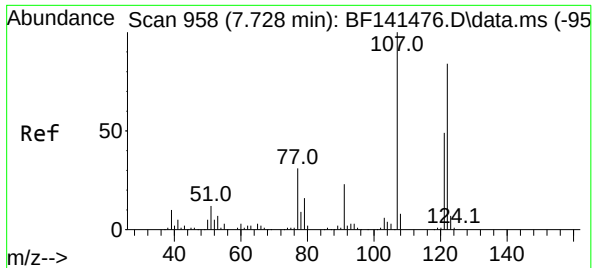
Tgt Ion: 82 Resp: 440694
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 40.403 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:139 Resp: 136362
Ion Ratio Lower Upper
139 100
109 32.5 27.0 40.6
65 55.1 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 39.340 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

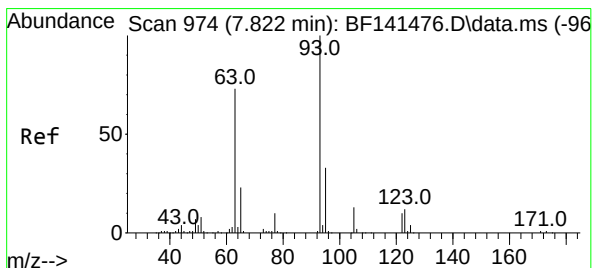
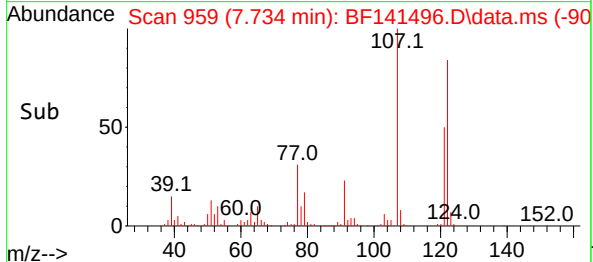
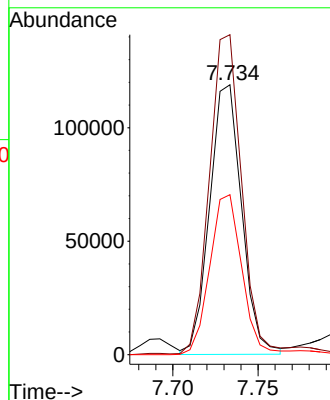
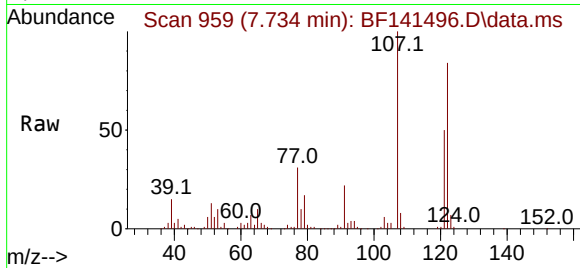
Tgt Ion:122 Resp: 155109

Ion Ratio Lower Upper

122 100

107 118.6 94.3 141.5

121 59.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.243 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

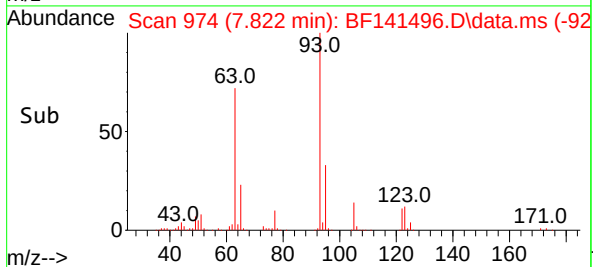
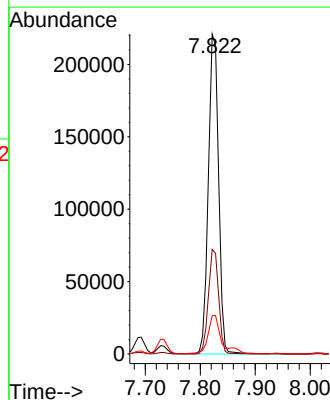
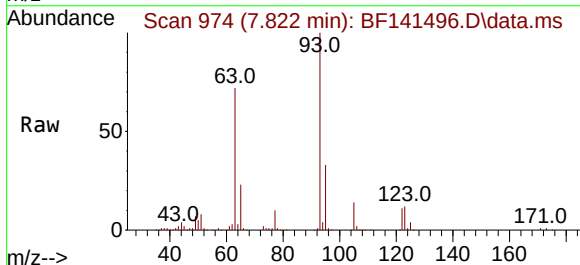
Tgt Ion: 93 Resp: 286038

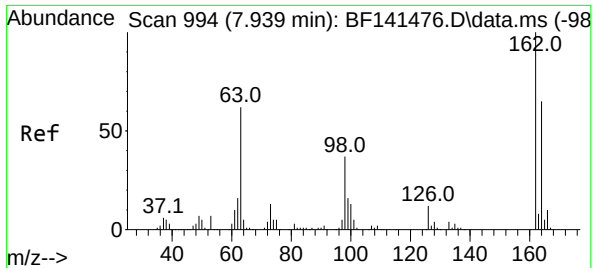
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.182 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

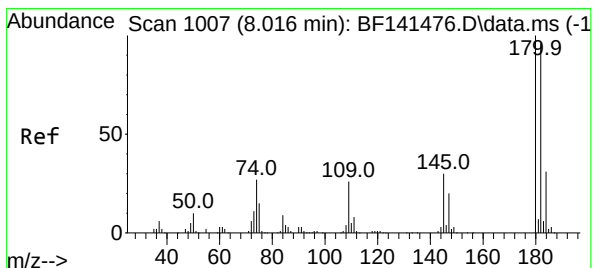
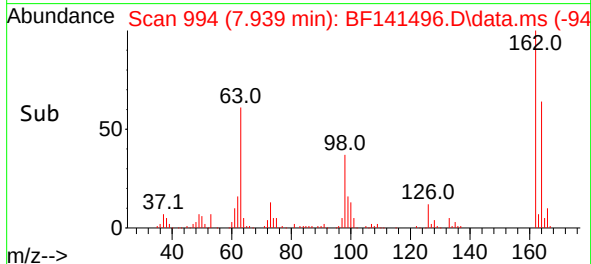
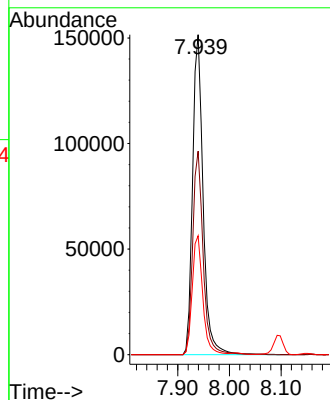
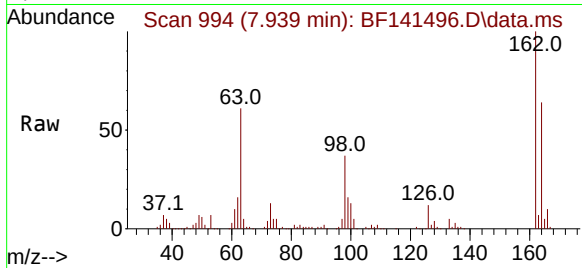
Tgt Ion:162 Resp: 214062

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

98 37.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.253 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

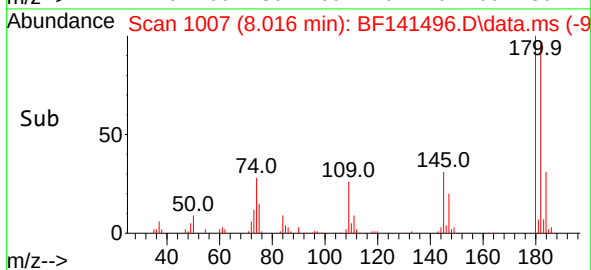
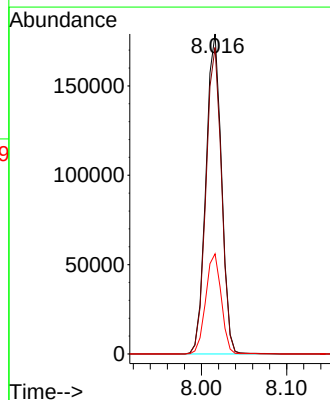
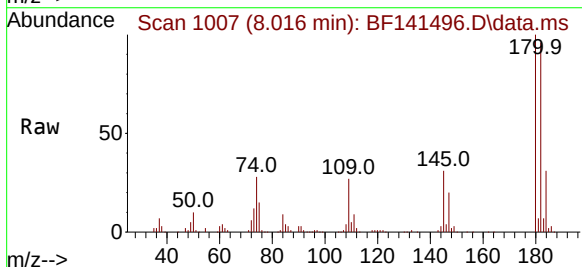
Tgt Ion:180 Resp: 227714

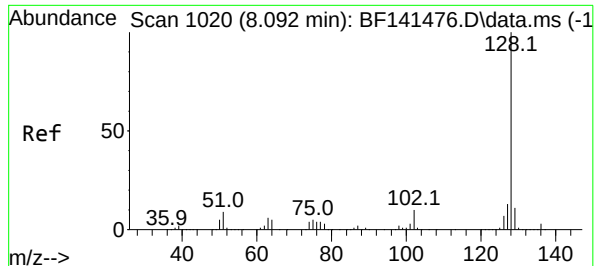
Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 31.3 24.2 36.4





#31

Naphthalene

Concen: 39.662 ng

RT: 8.098 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

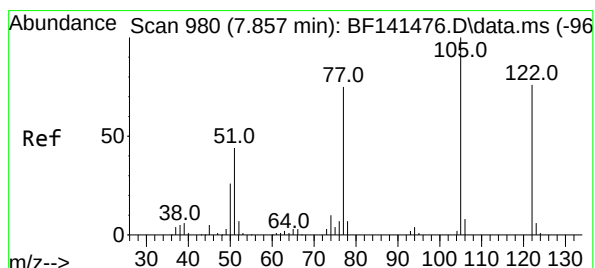
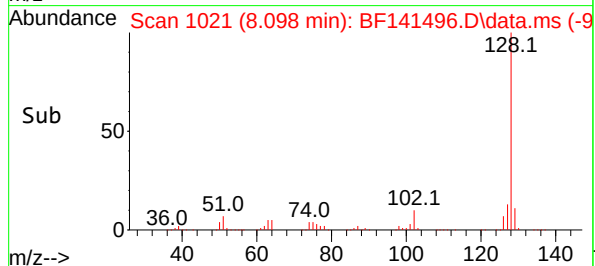
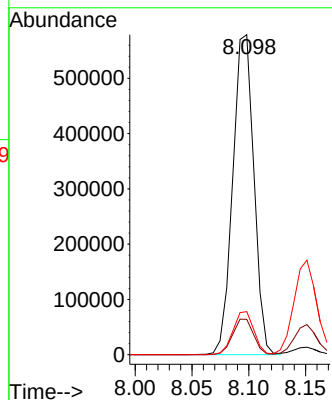
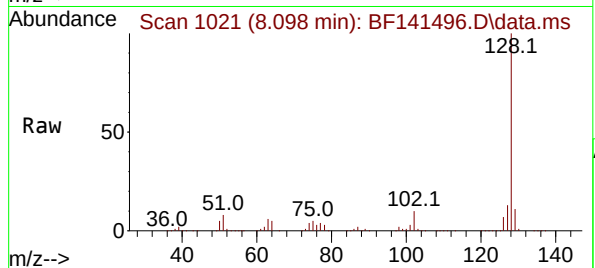
Tgt Ion:128 Resp: 749139

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 40.922 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.035 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

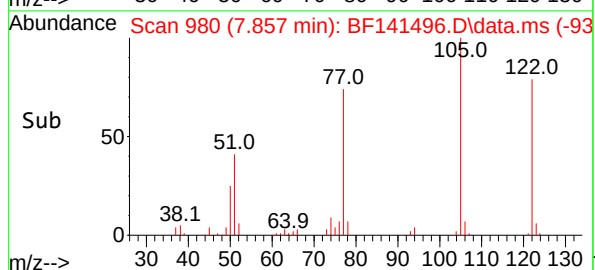
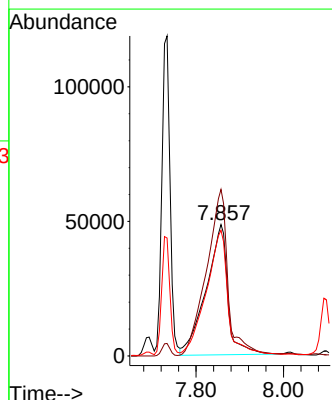
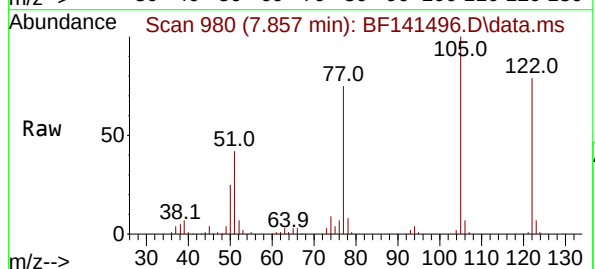
Tgt Ion:122 Resp: 167593

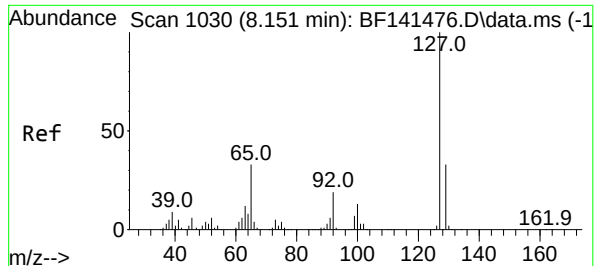
Ion Ratio Lower Upper

122 100

105 126.8 106.5 146.5

77 95.7 76.3 116.3





#33

4-Chloroaniline

Concen: 37.274 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 245806

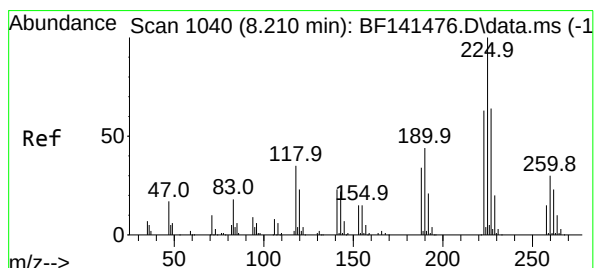
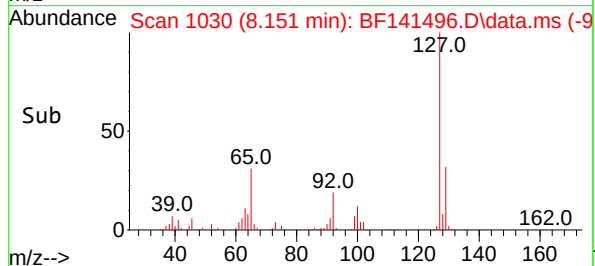
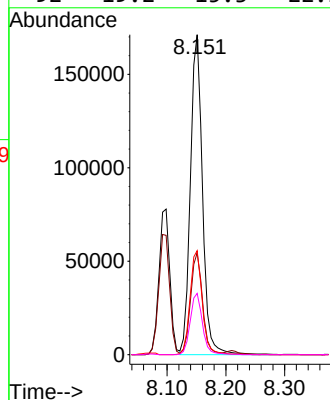
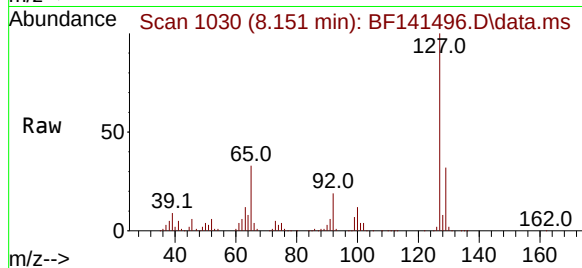
Ion Ratio Lower Upper

127 100

129 31.8 26.5 39.7

65 32.5 26.4 39.6

92 19.2 15.3 22.9



#34

Hexachlorobutadiene

Concen: 39.946 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

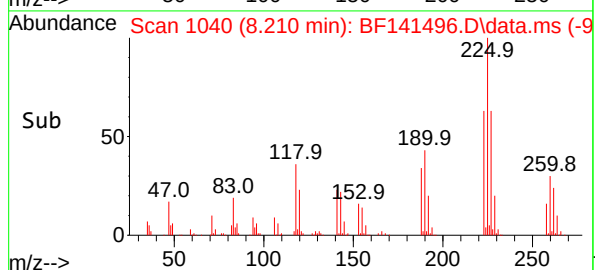
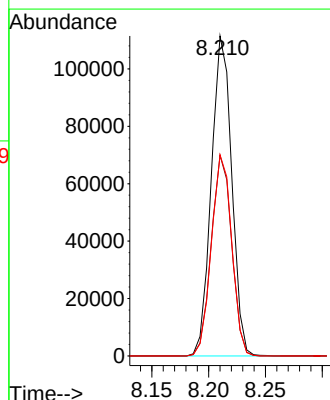
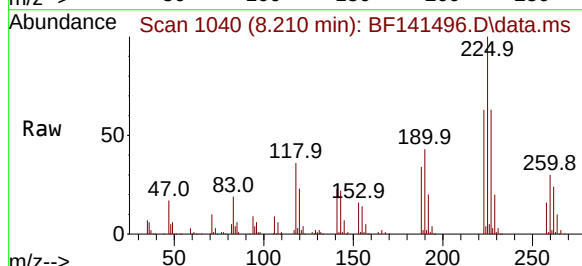
Tgt Ion:225 Resp: 139120

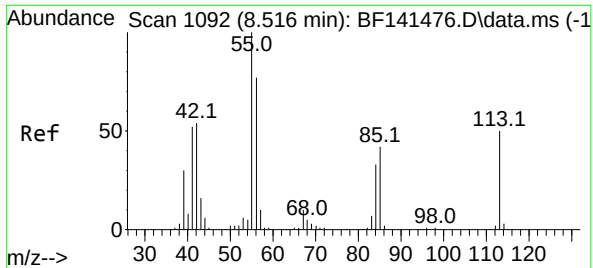
Ion Ratio Lower Upper

225 100

223 62.7 50.1 75.1

227 62.9 51.0 76.6

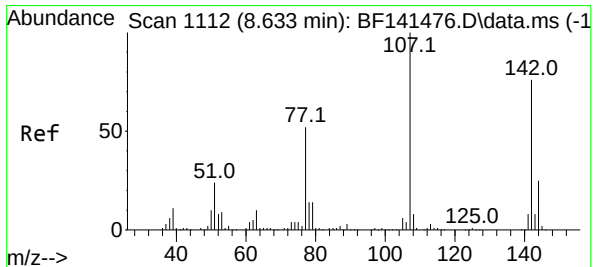
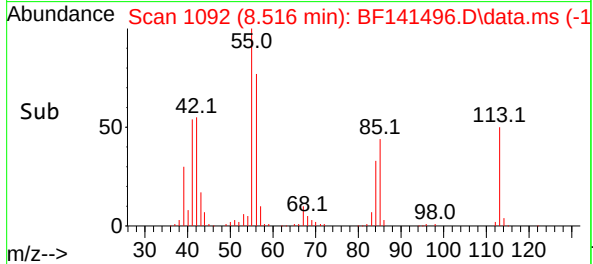
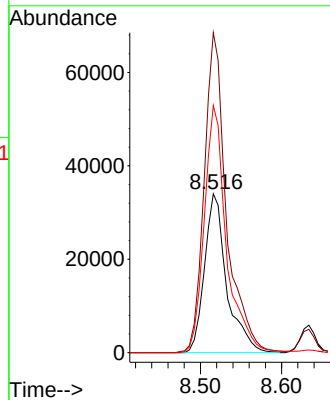
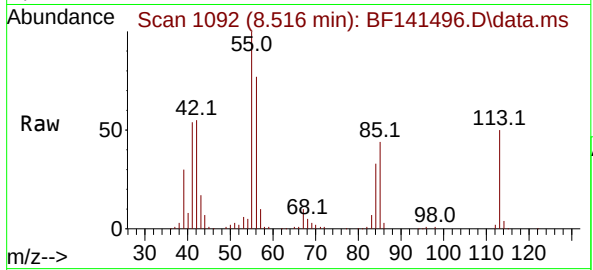




#35
 Caprolactam
 Concen: 39.738 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141496.D
 Acq: 07 Feb 2025 09:55

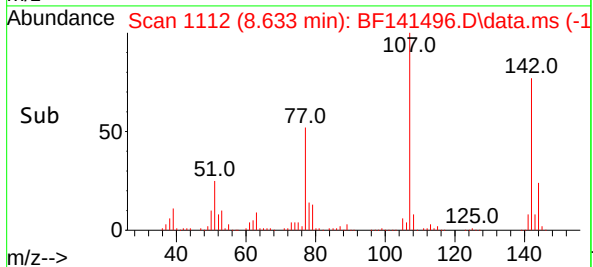
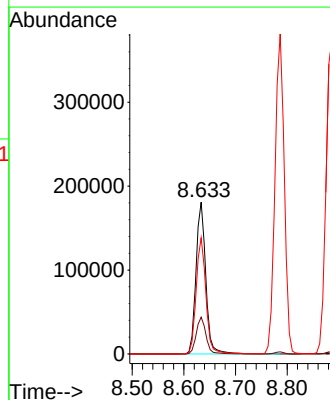
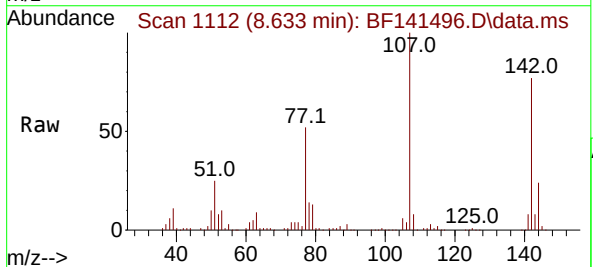
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

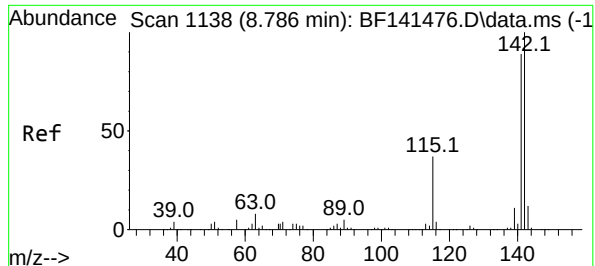
Tgt Ion:113 Resp: 64455
 Ion Ratio Lower Upper
 113 100
 55 201.3 180.8 220.8
 56 155.5 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.257 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141496.D
 Acq: 07 Feb 2025 09:55

Tgt Ion:107 Resp: 237561
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.7 29.5
 142 76.5 60.8 91.2

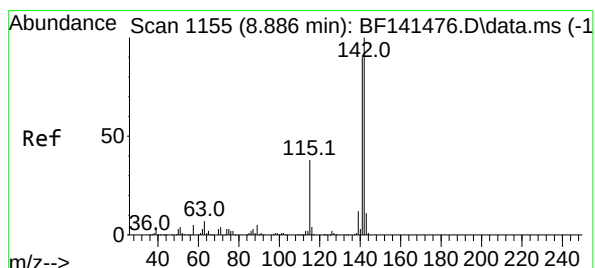
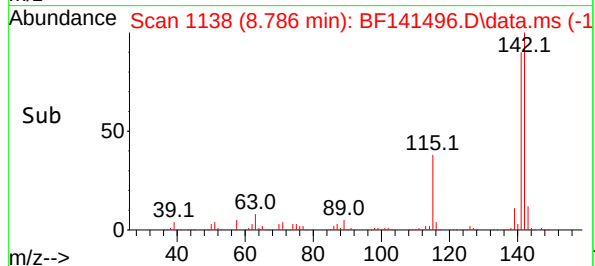
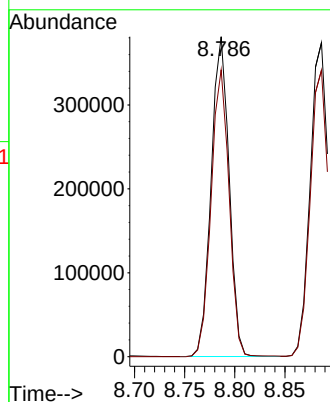
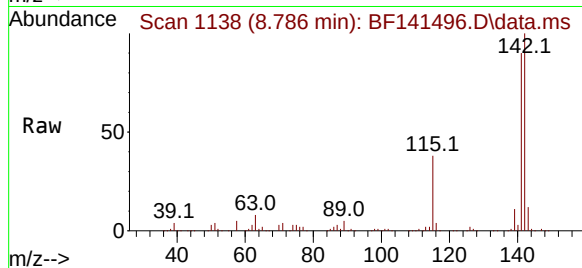




#37
2-Methylnaphthalene
Concen: 38.639 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

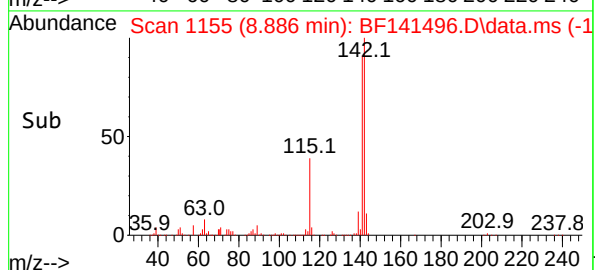
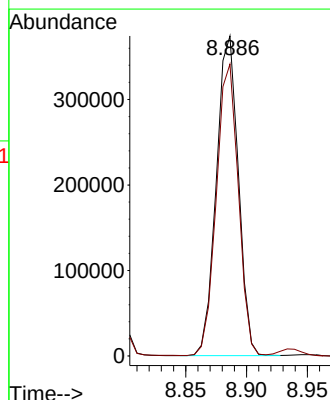
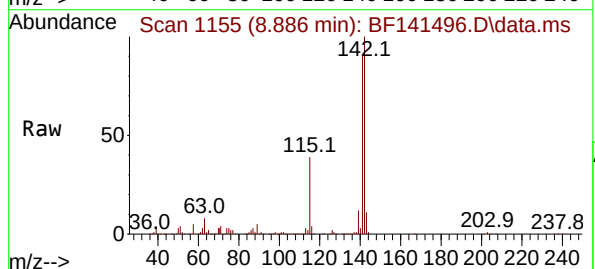
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

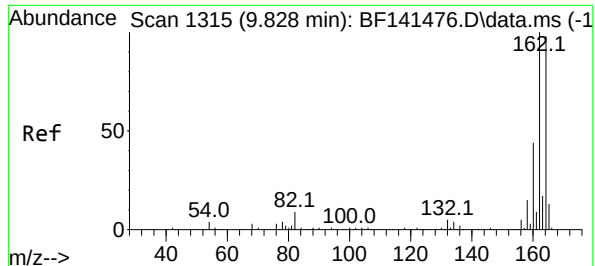
Tgt Ion:142 Resp: 474911
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.526 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:142 Resp: 470524
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

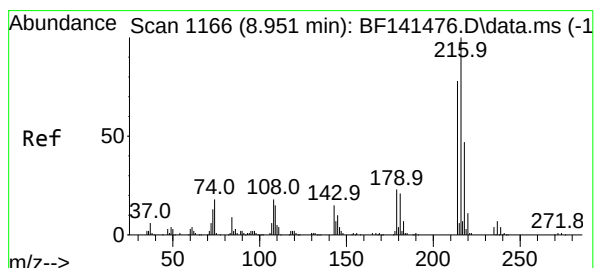
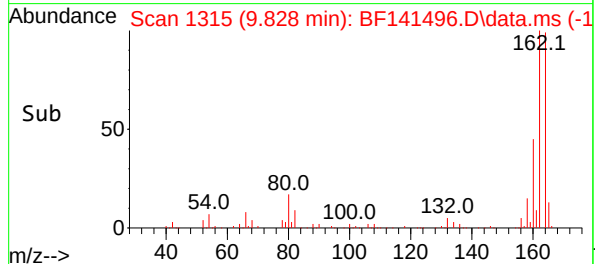
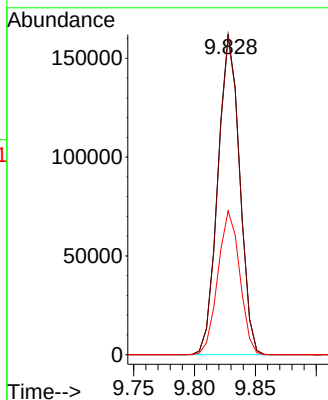
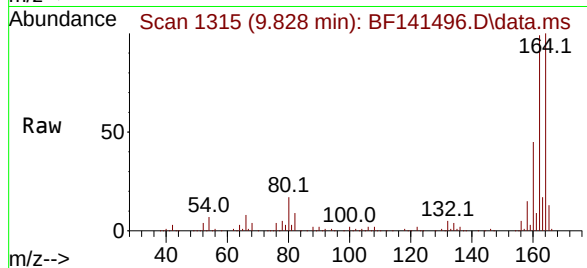
Tgt Ion:164 Resp: 201746

Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.077 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Tgt Ion:216 Resp: 228084

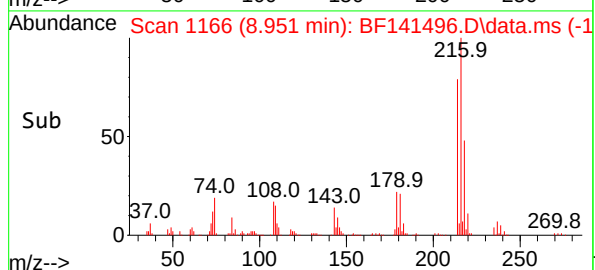
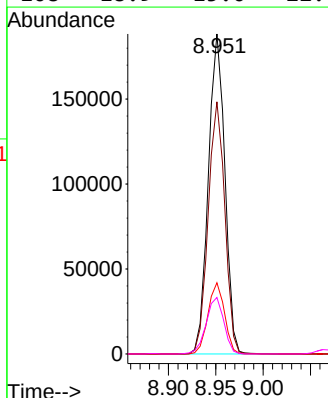
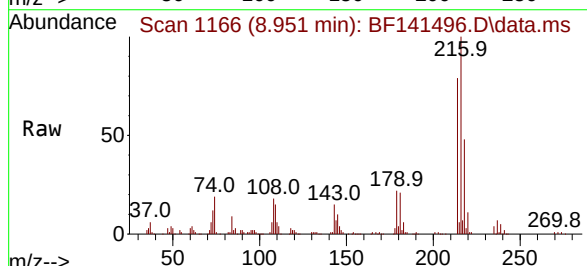
Ion Ratio Lower Upper

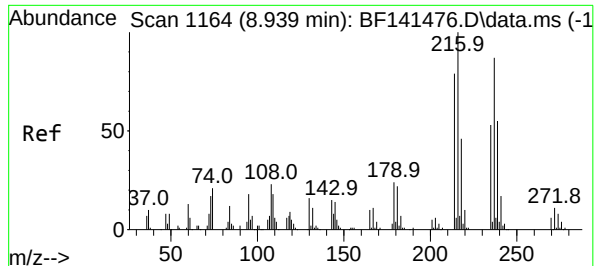
216 100

214 79.2 62.3 93.5

179 22.2 18.0 27.0

108 18.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 40.596 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

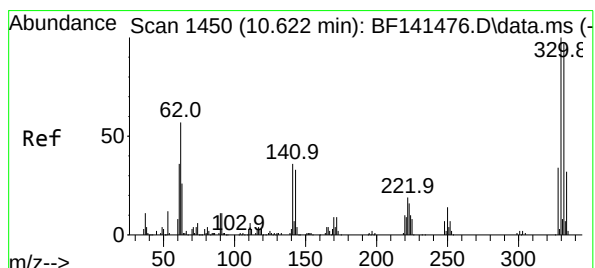
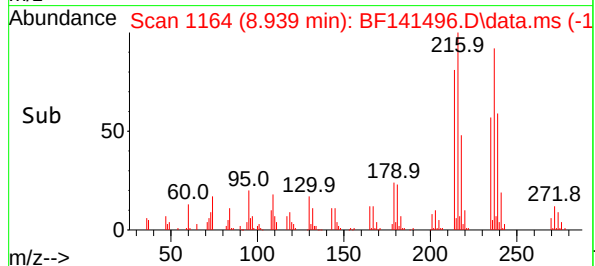
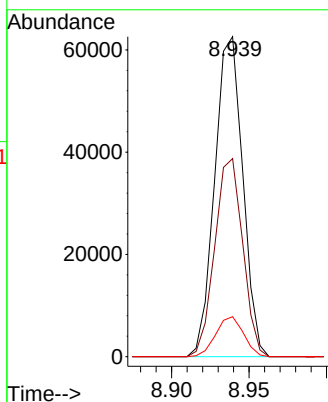
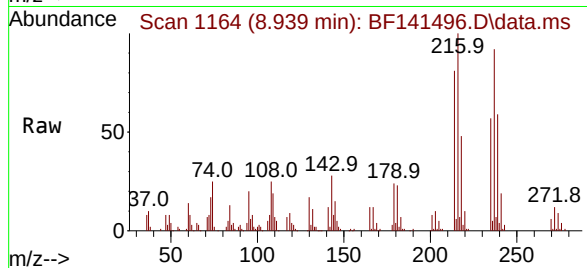
Tgt Ion:237 Resp: 78812

Ion Ratio Lower Upper

237 100

235 61.9 41.4 81.4

272 12.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 77.012 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

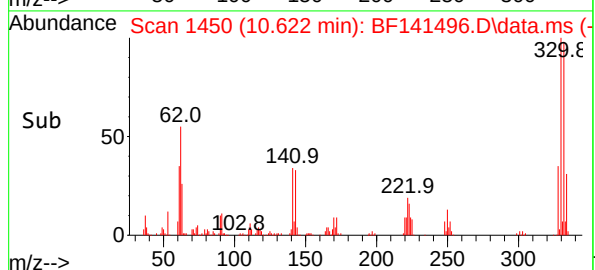
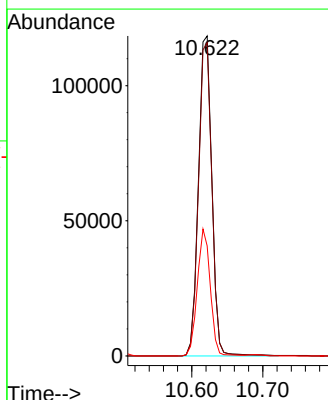
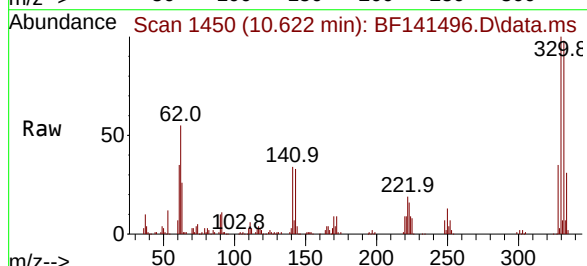
Tgt Ion:330 Resp: 156075

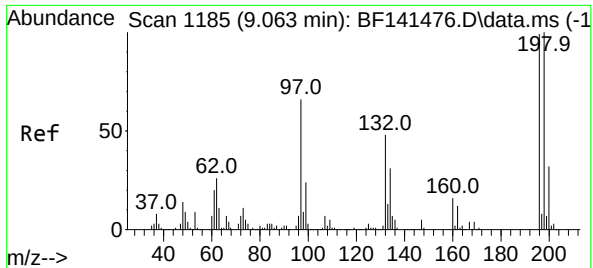
Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 38.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.391 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

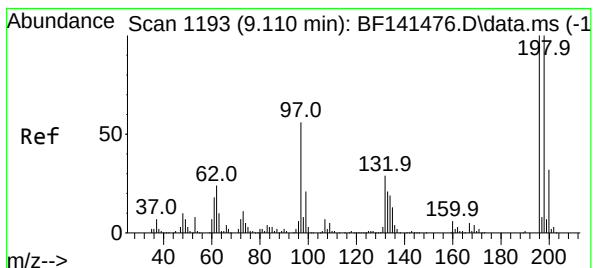
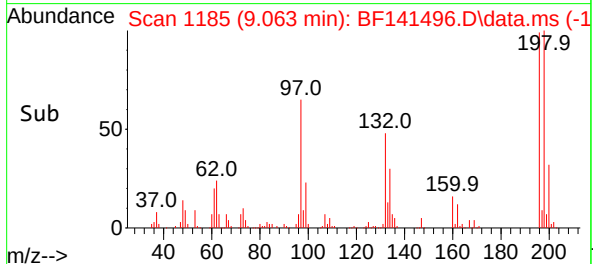
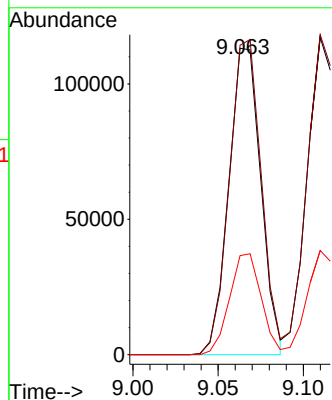
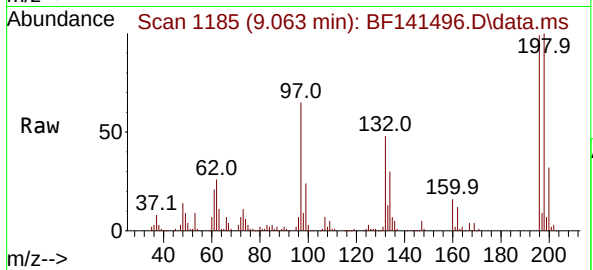
Tgt Ion:196 Resp: 148599

Ion Ratio Lower Upper

196 100

198 101.0 80.6 121.0

200 32.3 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 39.107 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Tgt Ion:196 Resp: 159885

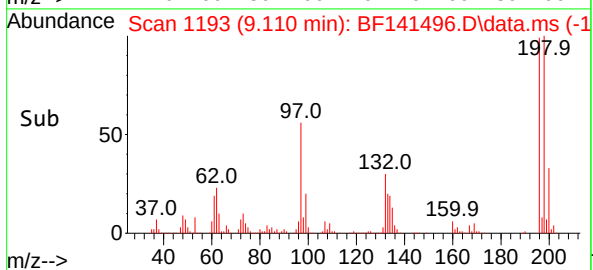
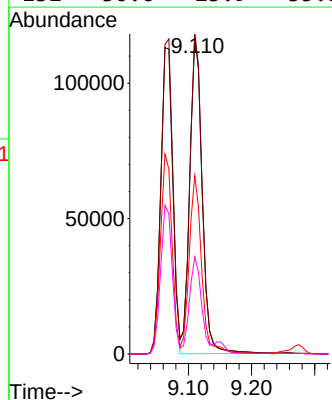
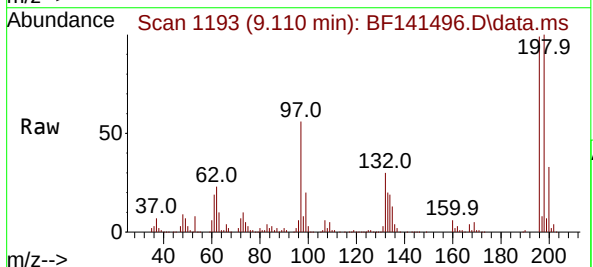
Ion Ratio Lower Upper

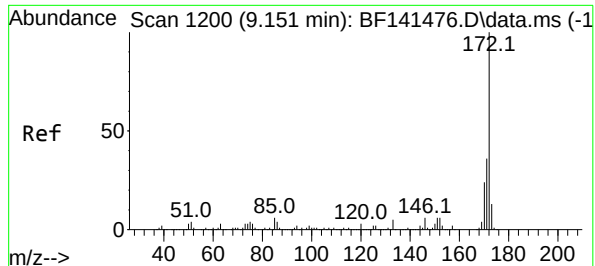
196 100

198 100.9 79.8 119.8

97 56.1 44.8 67.2

132 30.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 77.217 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

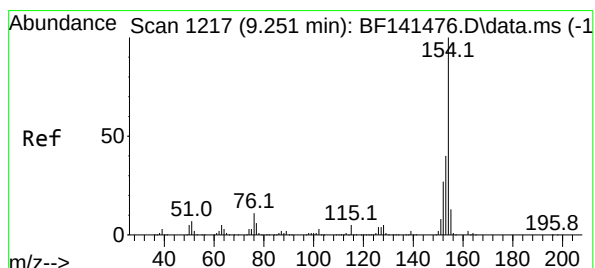
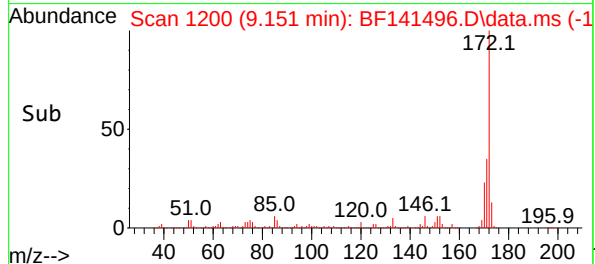
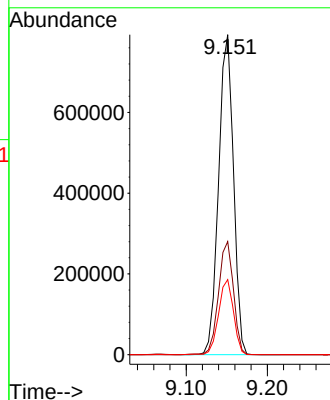
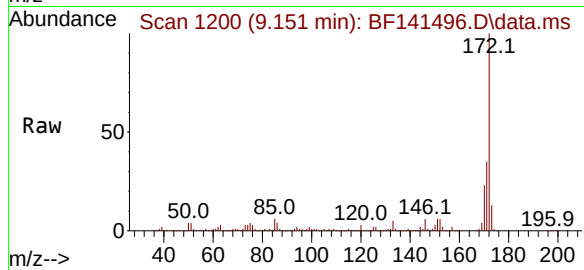
Tgt Ion:172 Resp: 1011149

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 38.820 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

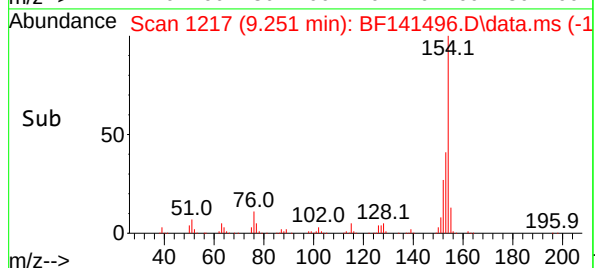
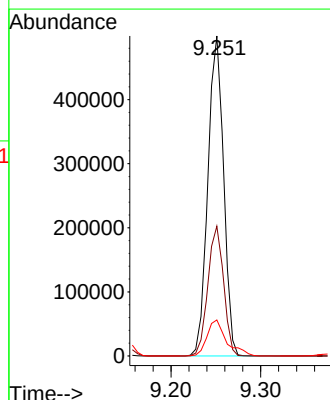
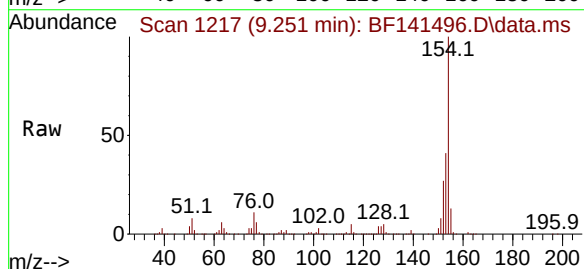
Tgt Ion:154 Resp: 607180

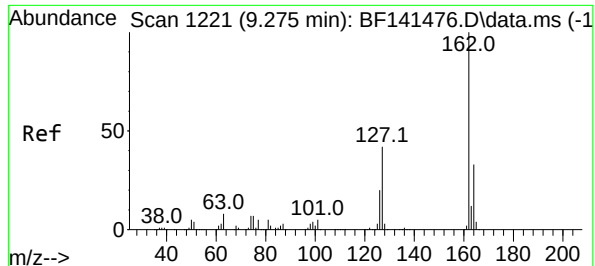
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.023 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

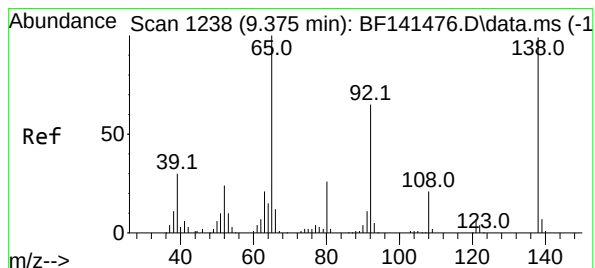
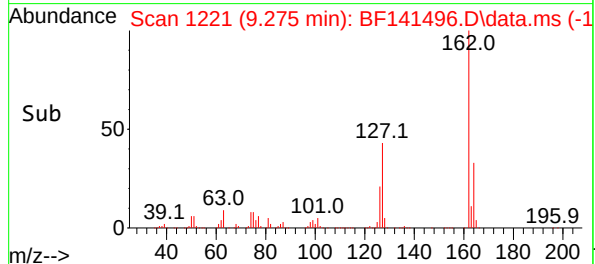
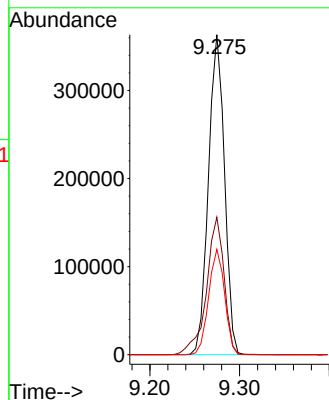
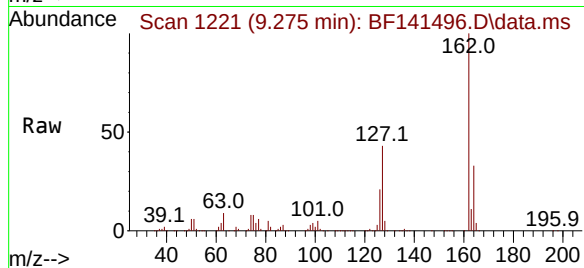
Tgt Ion:162 Resp: 451337

Ion Ratio Lower Upper

162 100

127 43.0 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 39.170 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

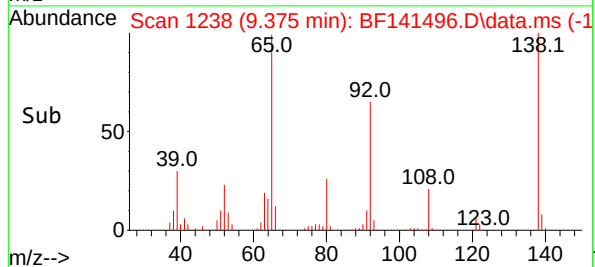
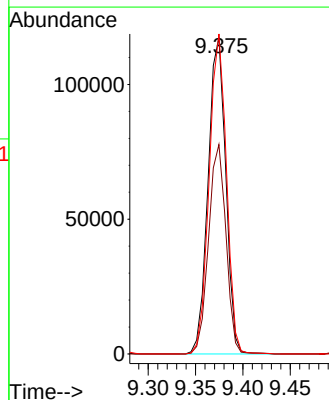
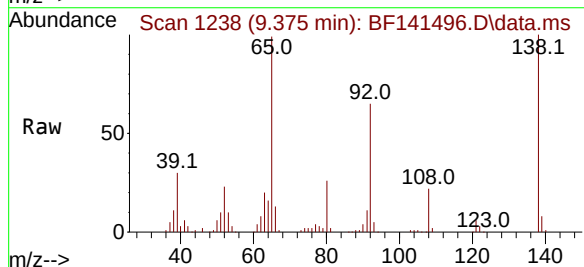
Tgt Ion: 65 Resp: 152041

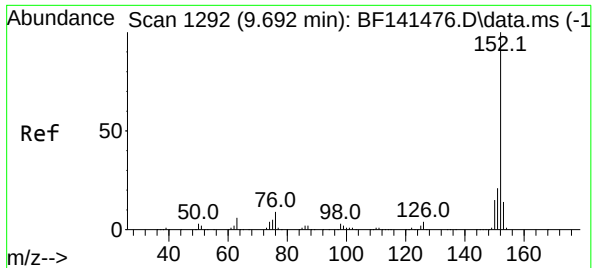
Ion Ratio Lower Upper

65 100

92 66.2 52.2 78.2

138 101.1 79.5 119.3





#49

Acenaphthylene

Concen: 39.277 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

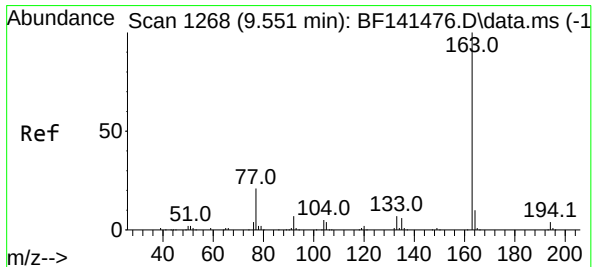
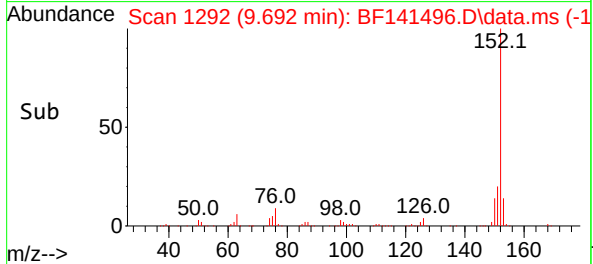
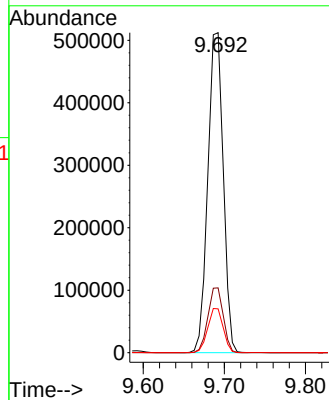
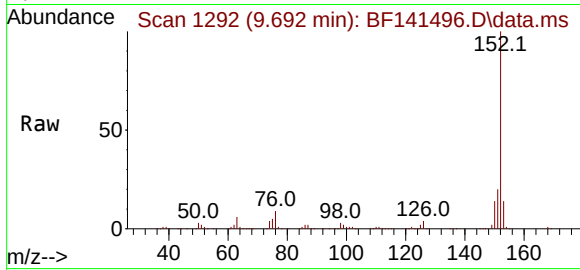
Tgt Ion:152 Resp: 675685

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 38.693 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

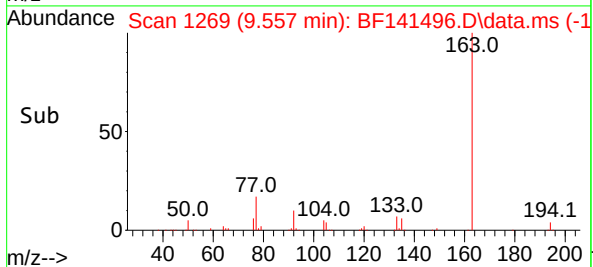
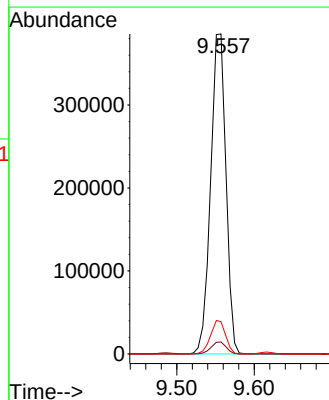
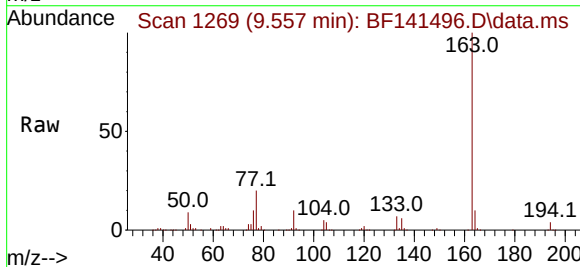
Tgt Ion:163 Resp: 529941

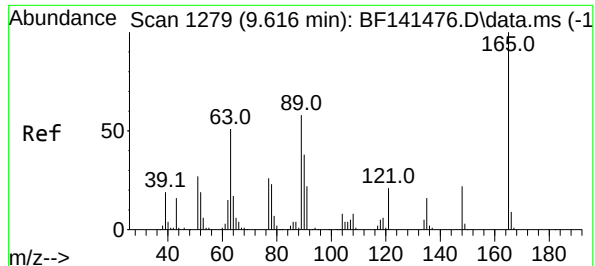
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 39.208 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

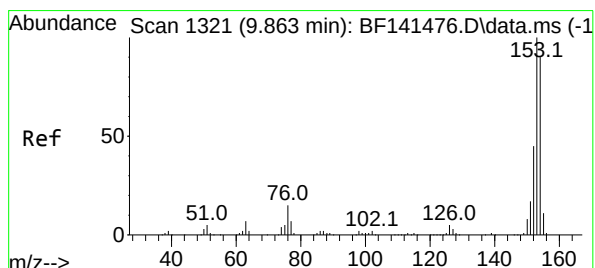
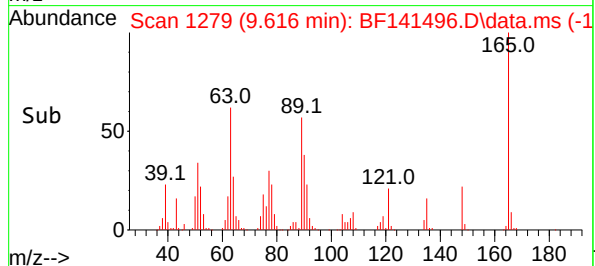
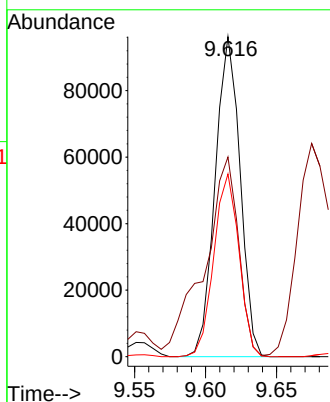
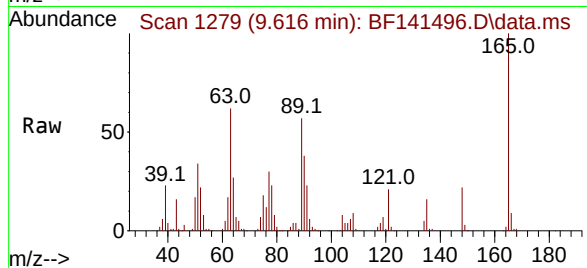
Tgt Ion:165 Resp: 117389

Ion Ratio Lower Upper

165 100

63 62.4 49.4 74.0

89 57.1 46.5 69.7



#52

Acenaphthene

Concen: 39.152 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

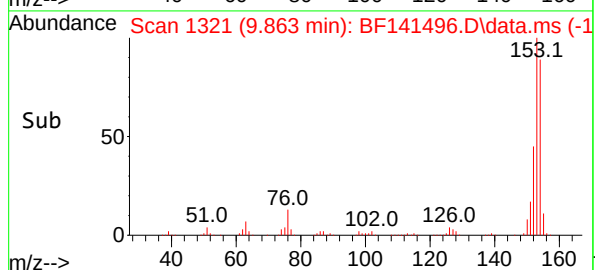
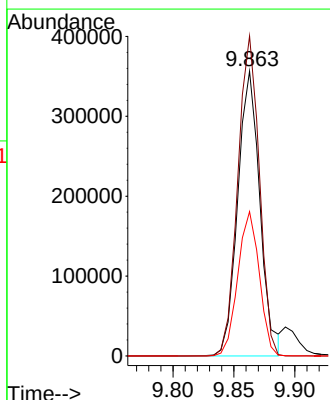
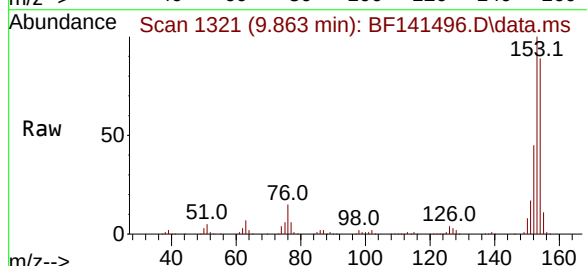
Tgt Ion:154 Resp: 452808

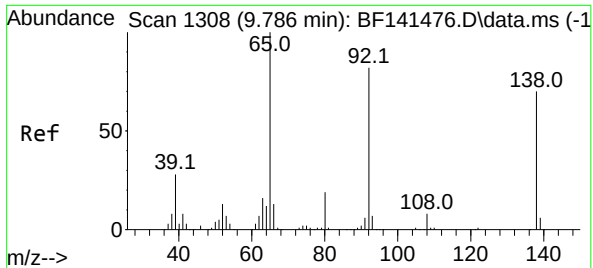
Ion Ratio Lower Upper

154 100

153 112.3 89.2 133.8

152 50.6 39.8 59.8

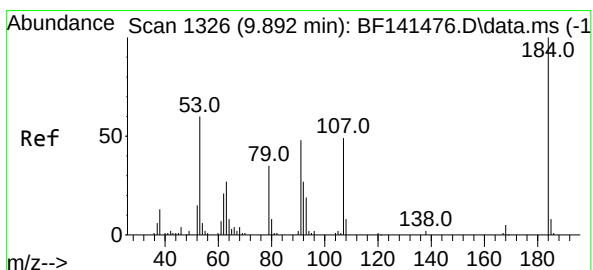
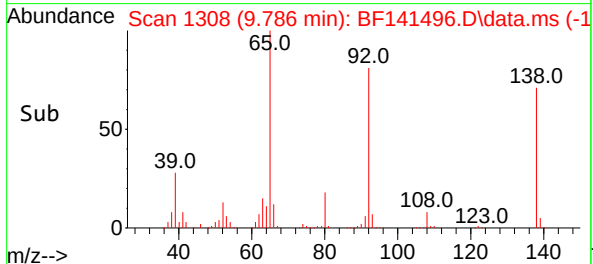
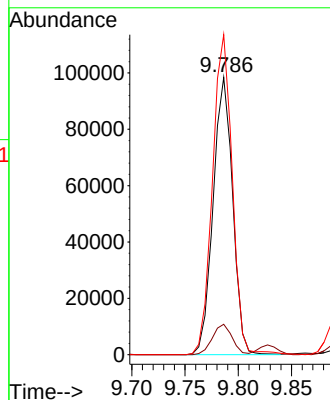
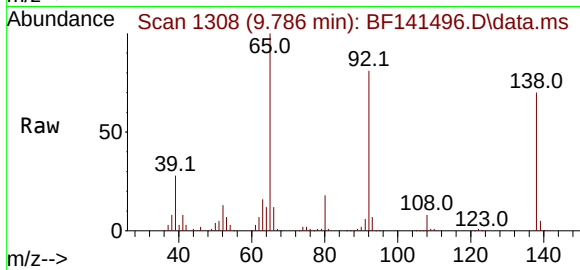




#53
3-Nitroaniline
Concen: 38.948 ng
RT: 9.786 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

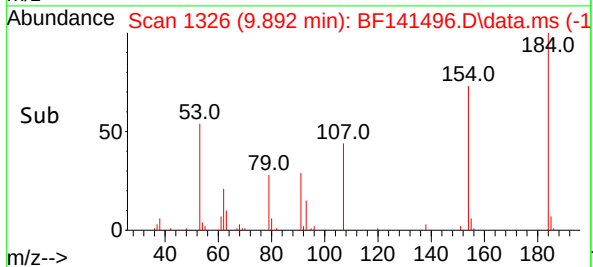
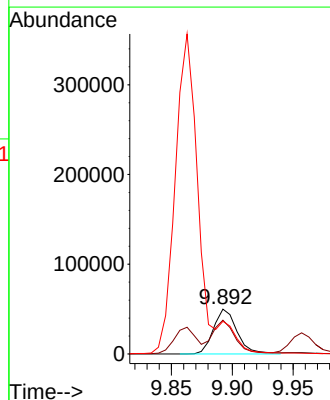
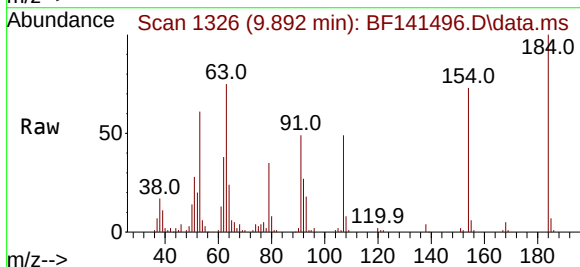
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

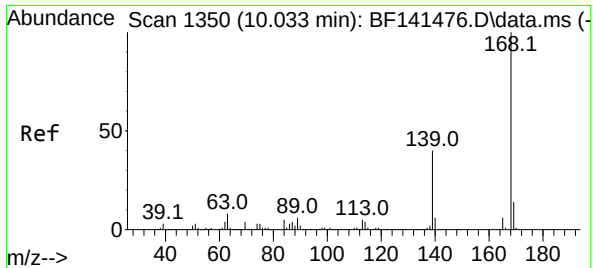
Tgt Ion:138 Resp: 125508
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 115.4 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 38.007 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:184 Resp: 67632
Ion Ratio Lower Upper
184 100
63 75.2 61.0 91.6
154 72.7 59.9 89.9





#55

Dibenzofuran

Concen: 38.916 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

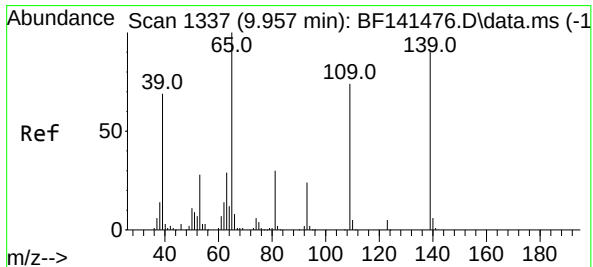
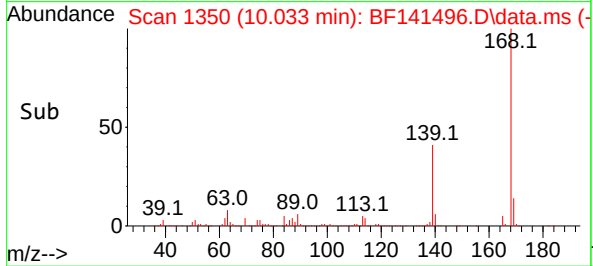
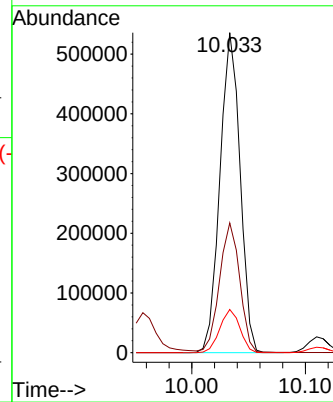
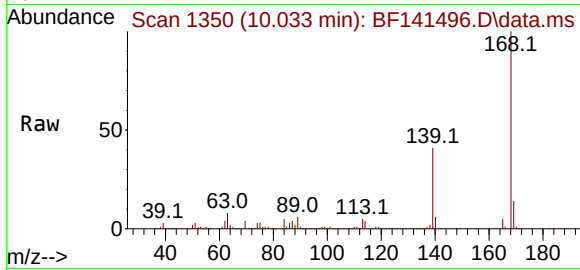
Tgt Ion:168 Resp: 660638

Ion Ratio Lower Upper

168 100

139 40.5 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.291 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.012 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

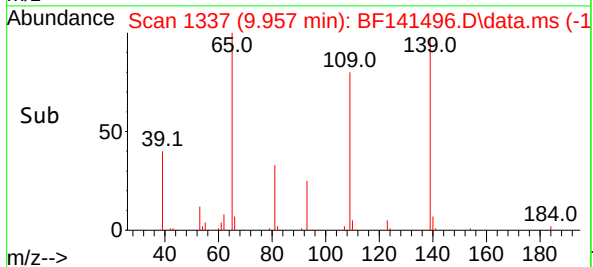
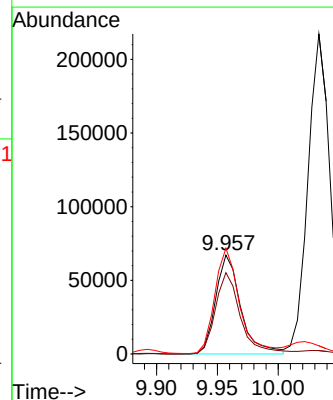
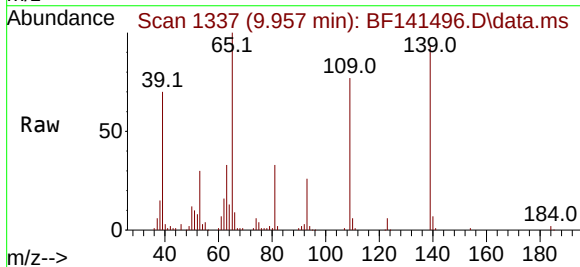
Tgt Ion:139 Resp: 96383

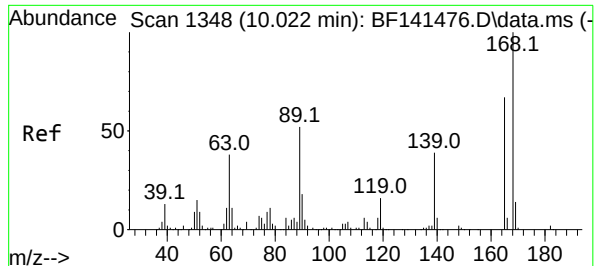
Ion Ratio Lower Upper

139 100

109 82.2 62.0 102.0

65 107.0 91.2 131.2

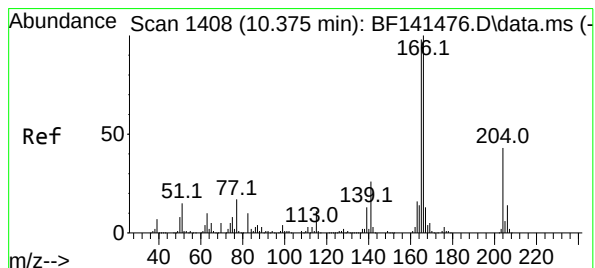
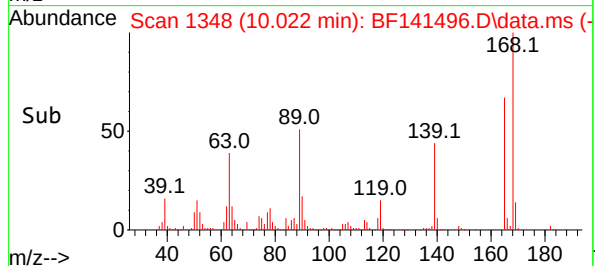
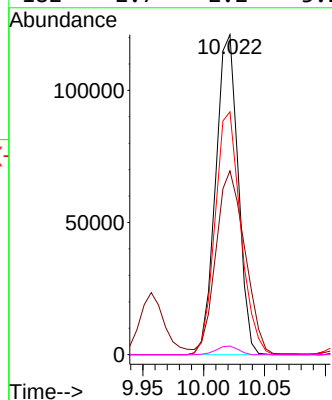
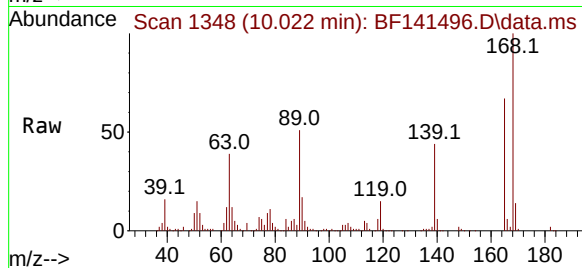




#57
2,4-Dinitrotoluene
Concen: 38.963 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

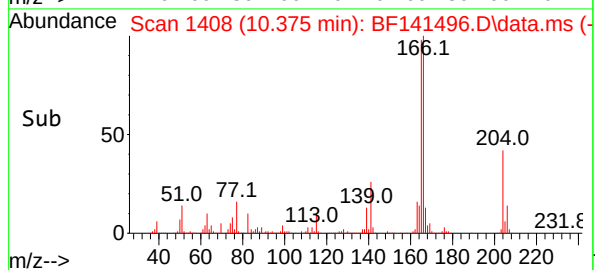
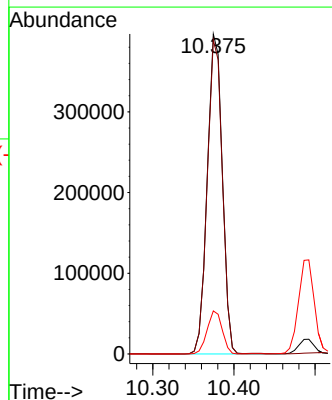
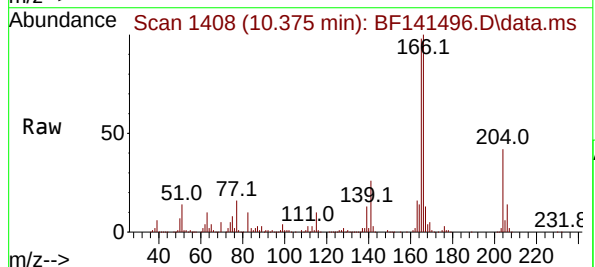
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

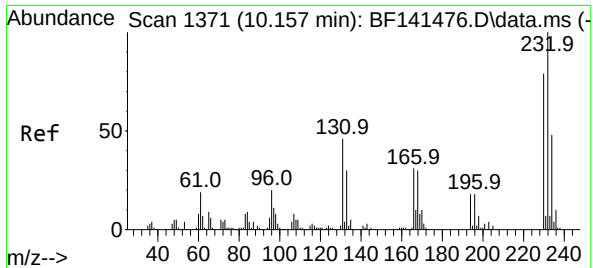
Tgt Ion:165 Resp: 155299
Ion Ratio Lower Upper
165 100
63 57.5 46.4 69.6
89 75.9 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 38.787 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:166 Resp: 509117
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.5 10.7 16.1

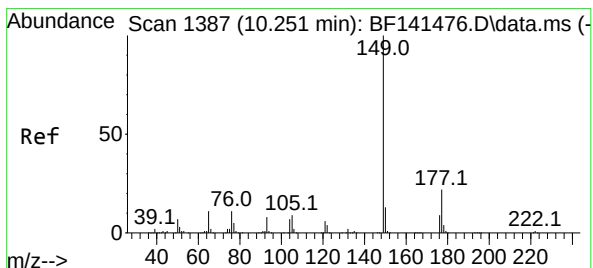
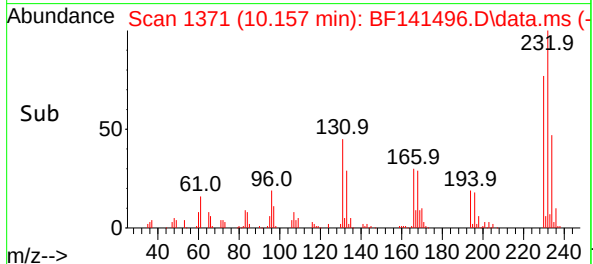
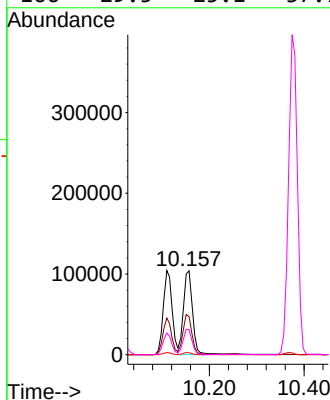
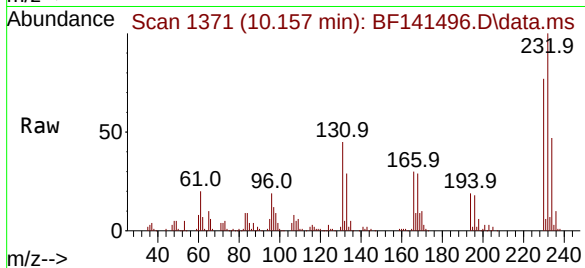




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.721 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

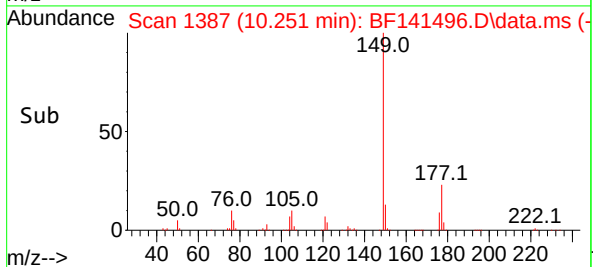
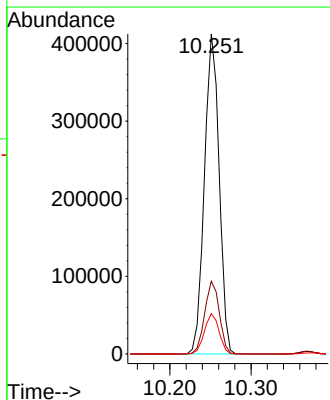
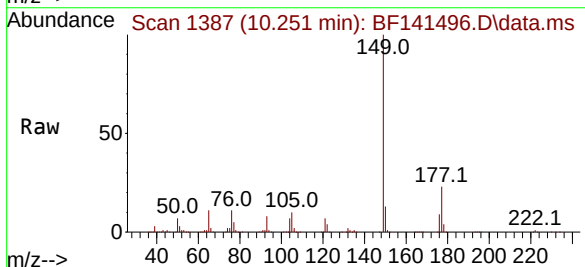
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

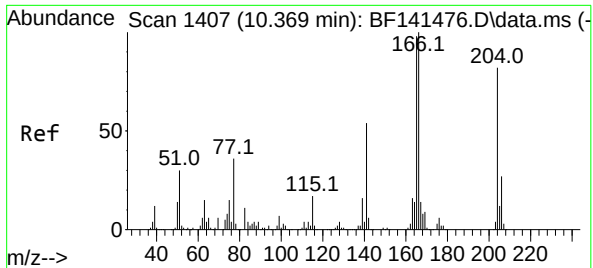
Tgt Ion:232 Resp: 139813
Ion Ratio Lower Upper
232 100
131 46.4 39.2 58.8
130 2.4 2.1 3.1
166 29.5 25.1 37.7



#60
Diethylphthalate
Concen: 38.386 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 517267
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.6 10.1 15.1

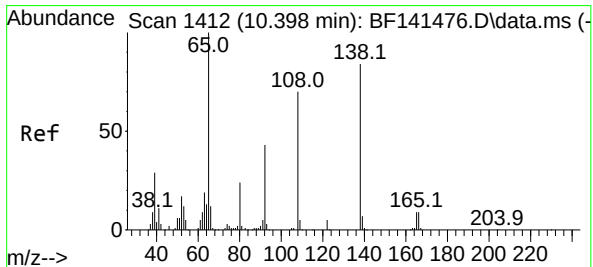
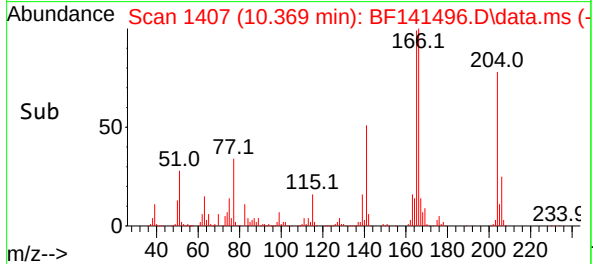
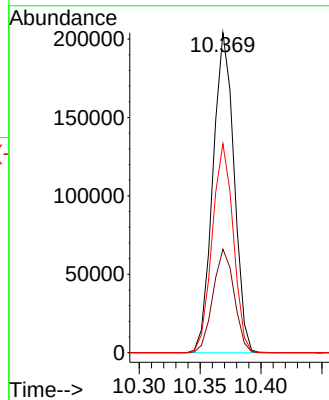
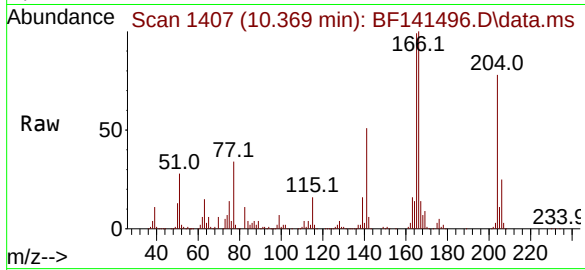




#61
4-Chlorophenyl-phenylether
Concen: 39.042 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

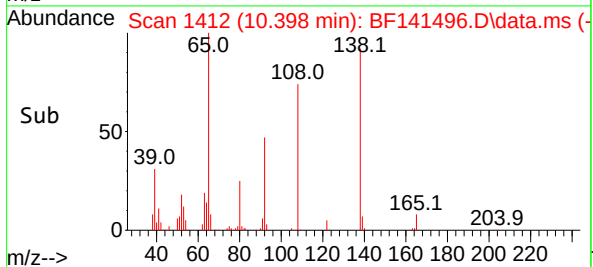
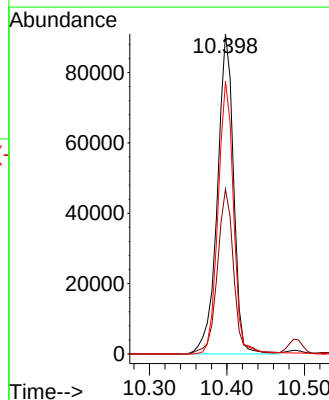
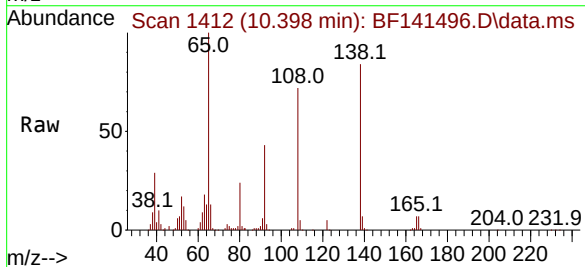
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

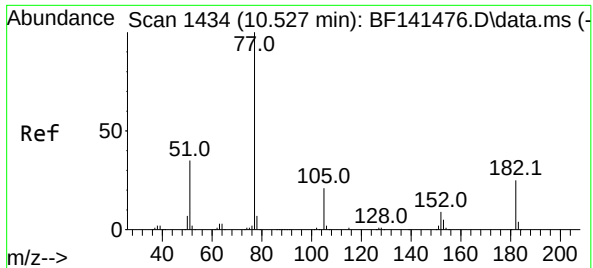
Tgt Ion:204 Resp: 246536
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 65.3 51.9 77.9



#62
4-Nitroaniline
Concen: 40.480 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:138 Resp: 132456
Ion Ratio Lower Upper
138 100
92 51.5 31.3 71.3
108 85.2 63.7 103.7

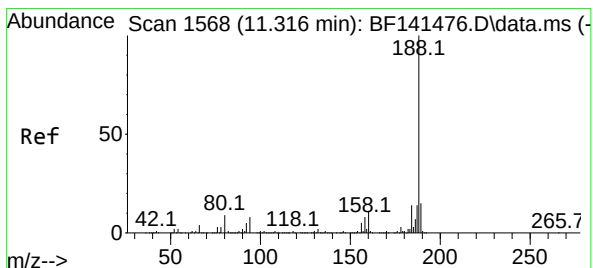
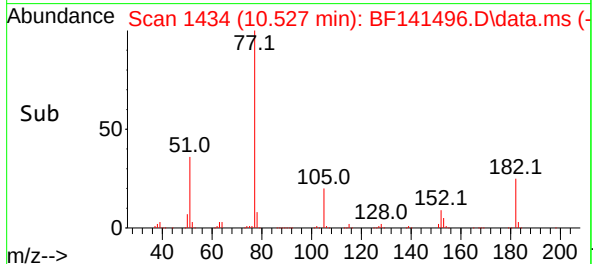
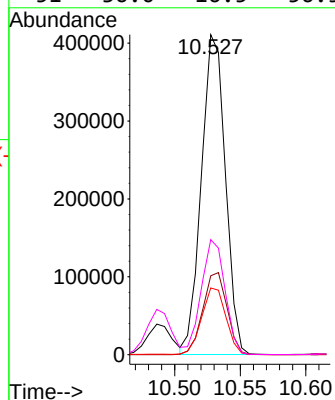
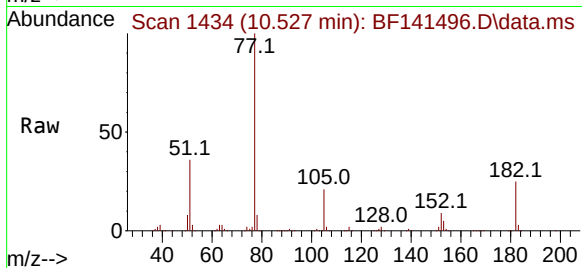




#63
Azobenzene
Concen: 39.094 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

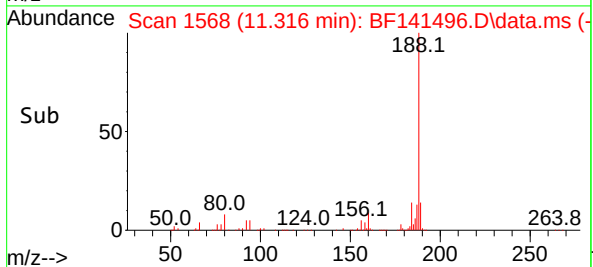
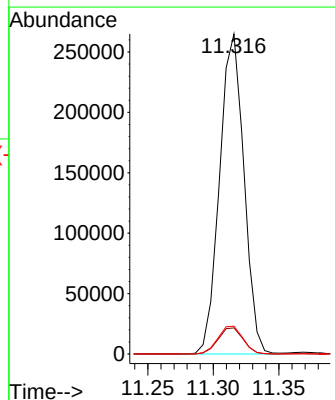
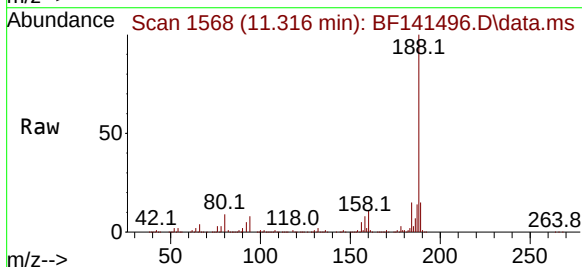
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

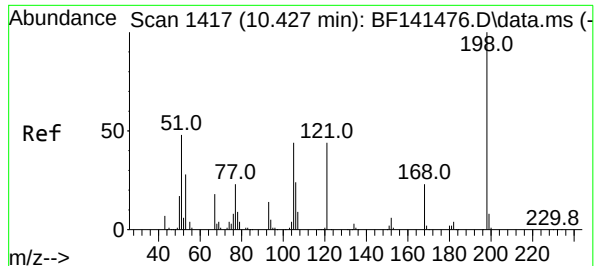
Tgt Ion: 77 Resp: 523713
Ion Ratio Lower Upper
77 100
182 24.6 4.7 44.7
105 20.8 0.4 40.4
51 36.0 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion: 188 Resp: 342006
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.7 7.3 10.9

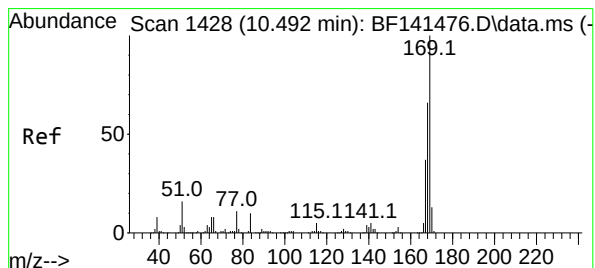
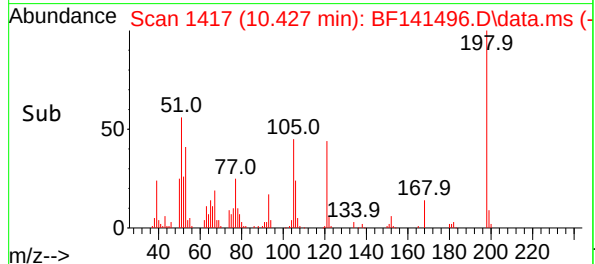
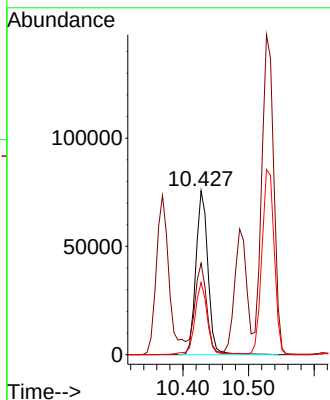
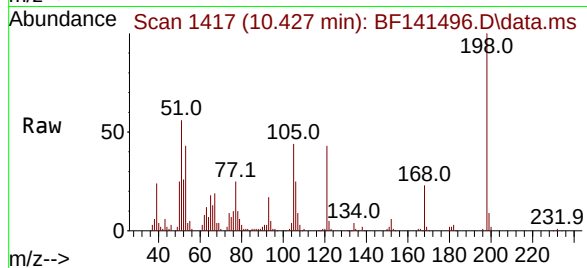




#65
4,6-Dinitro-2-methylphenol
Concen: 40.751 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

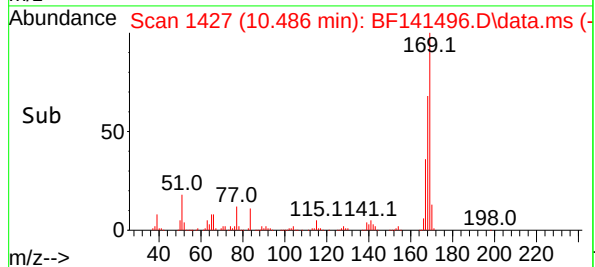
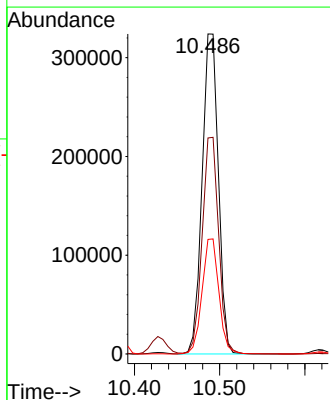
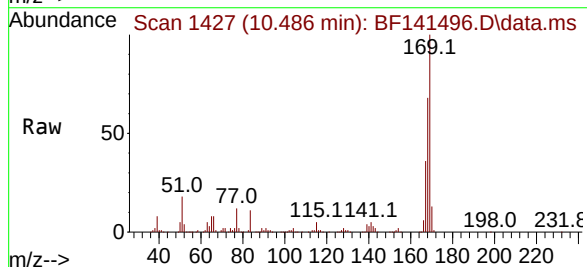
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

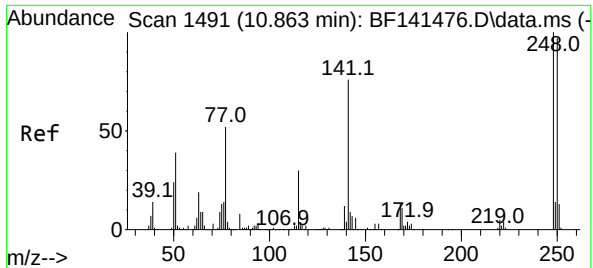
Tgt Ion:198 Resp: 96815
Ion Ratio Lower Upper
198 100
51 55.7 37.4 77.4
105 44.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 39.213 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:169 Resp: 429297
Ion Ratio Lower Upper
169 100
168 67.5 53.3 79.9
167 35.8 29.4 44.2

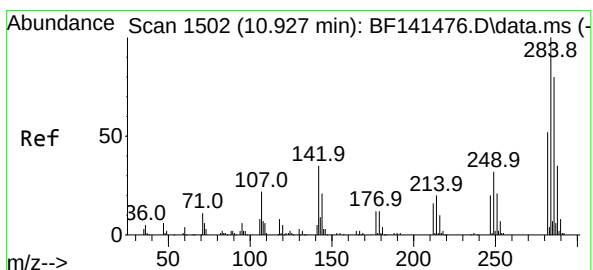
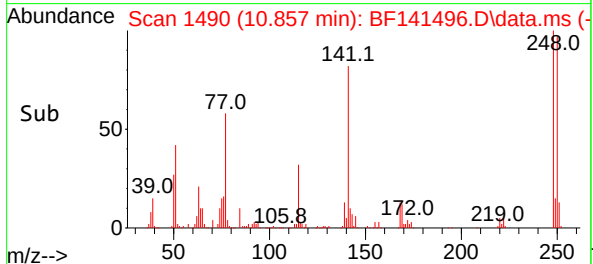
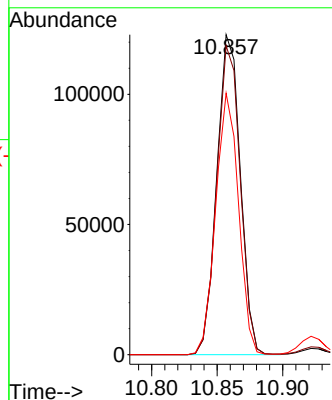
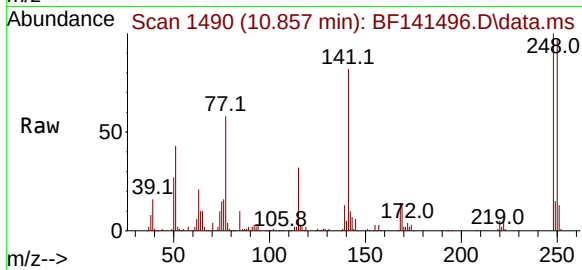




#67
4-Bromophenyl-phenylether
Concen: 40.083 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

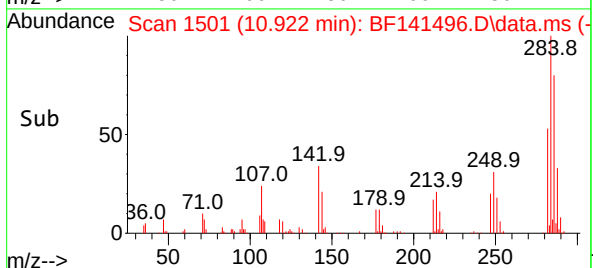
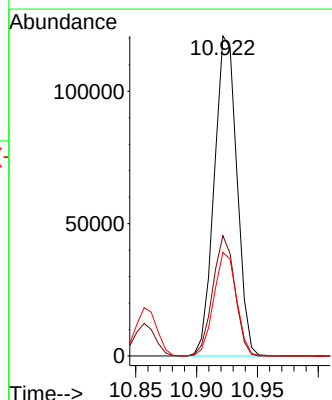
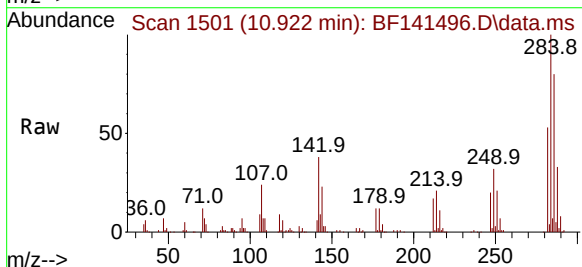
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

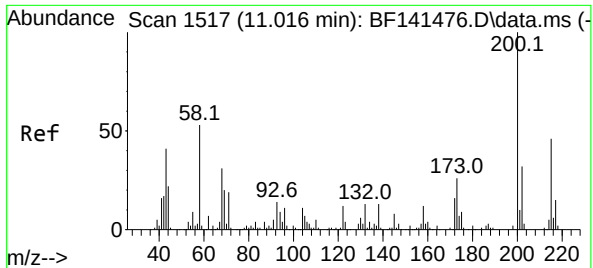
Tgt Ion:248 Resp: 153212
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 81.7 60.6 90.8



#68
Hexachlorobenzene
Concen: 39.795 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:284 Resp: 156634
Ion Ratio Lower Upper
284 100
142 37.6 28.0 42.0
249 32.4 25.8 38.8





#69

Atrazine

Concen: 38.536 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

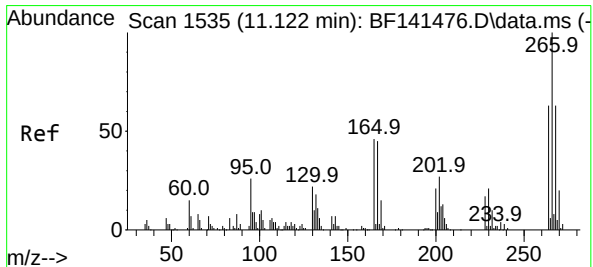
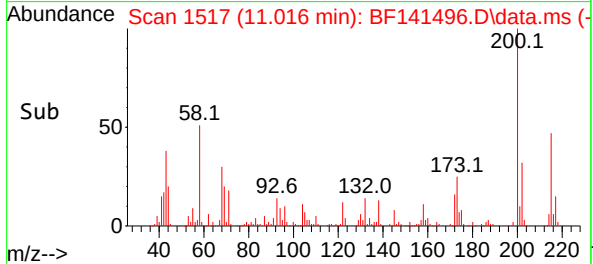
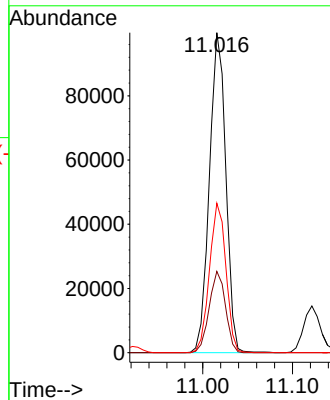
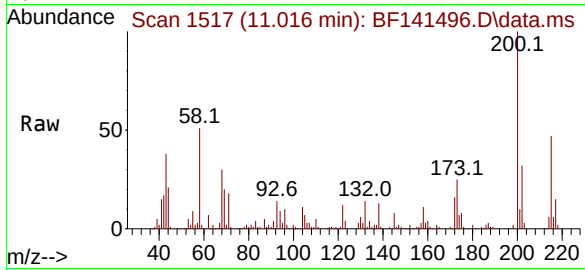
Tgt Ion:200 Resp: 126566

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 46.7 25.9 65.9



#70

Pentachlorophenol

Concen: 41.160 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

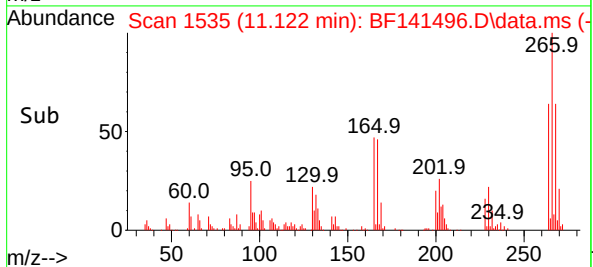
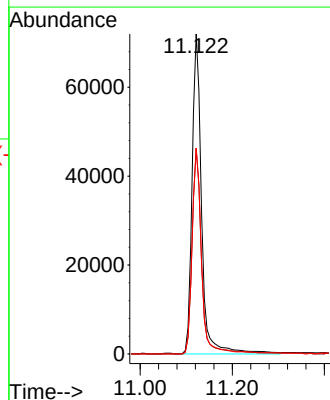
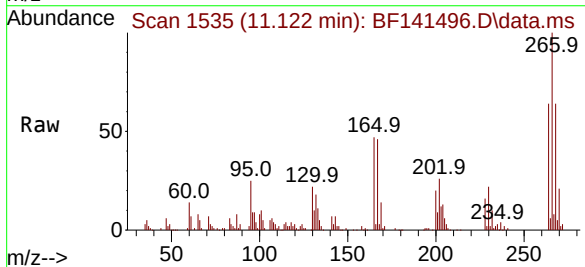
Tgt Ion:266 Resp: 103590

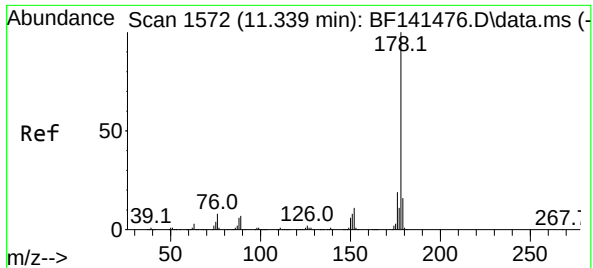
Ion Ratio Lower Upper

266 100

268 64.2 50.1 75.1

264 64.3 50.1 75.1

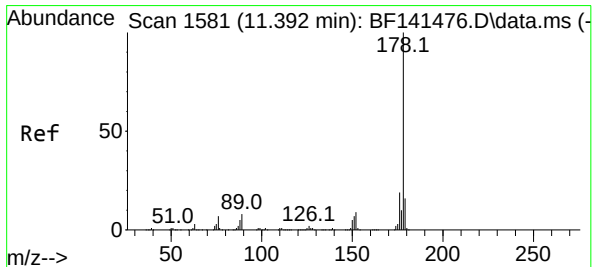
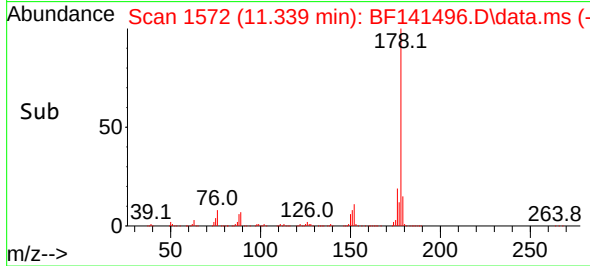
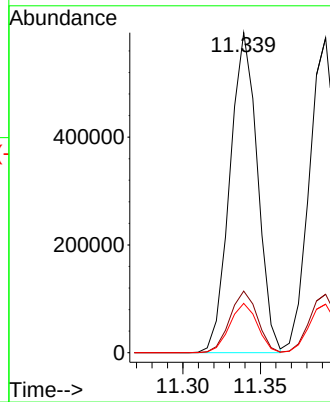
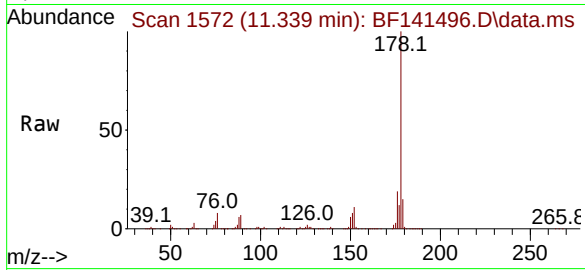




#71
Phenanthrene
Concen: 39.052 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

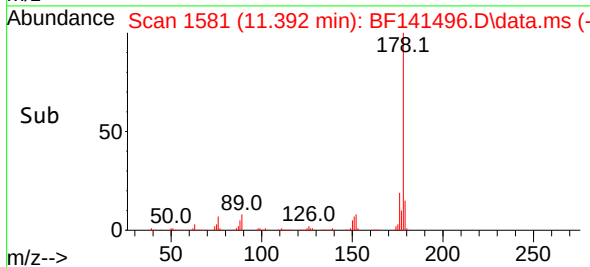
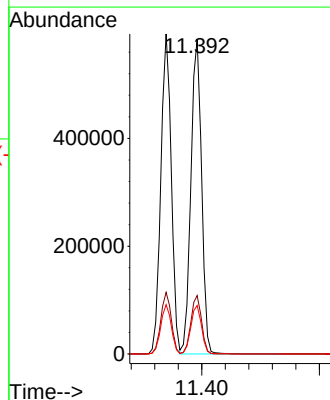
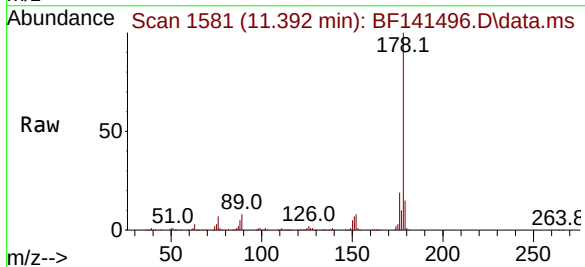
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

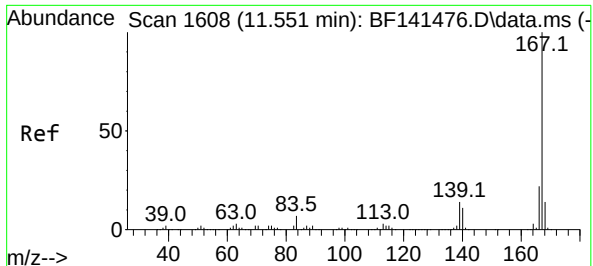
Tgt Ion:178 Resp: 735189
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 39.135 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:178 Resp: 740620
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.4 18.6

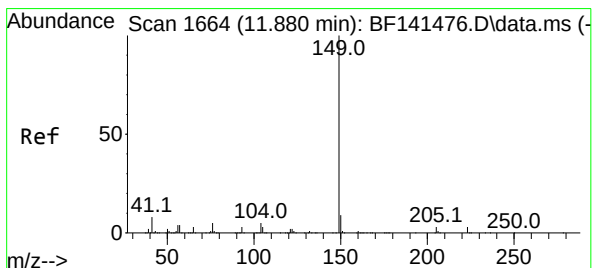
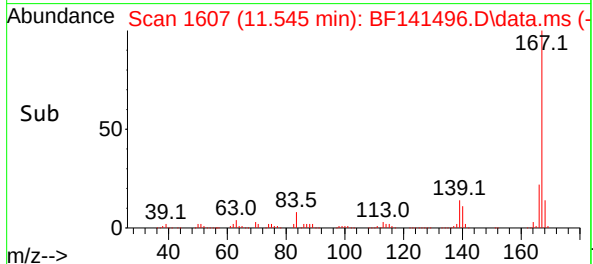
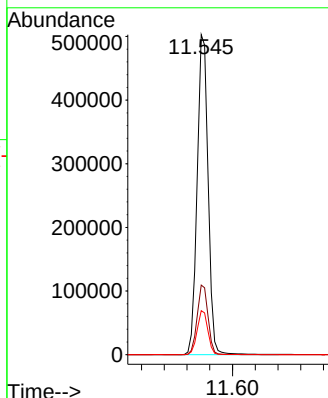
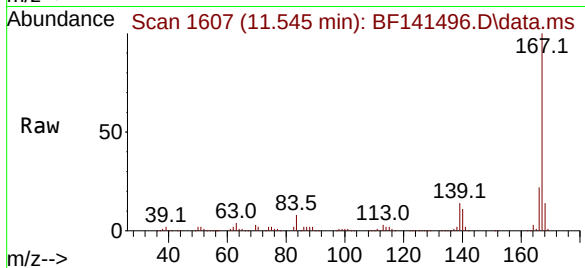




#73
Carbazole
Concen: 39.680 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

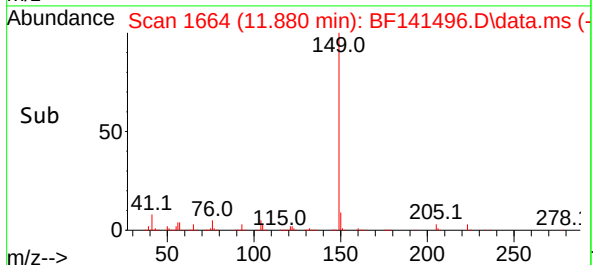
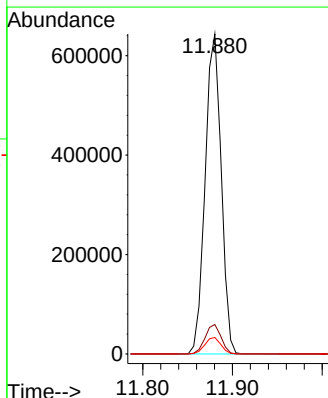
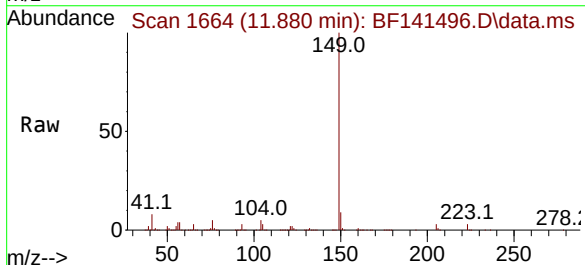
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

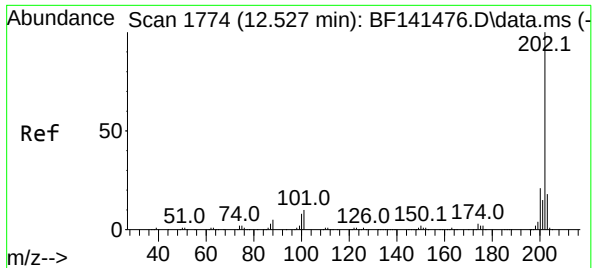
Tgt Ion:167 Resp: 675674
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.8 10.9 16.3



#74
Di-n-butylphthalate
Concen: 40.620 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 798668
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.2 6.2

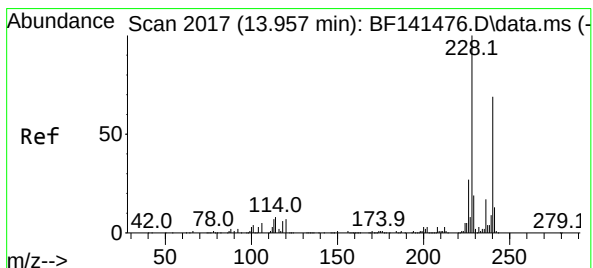
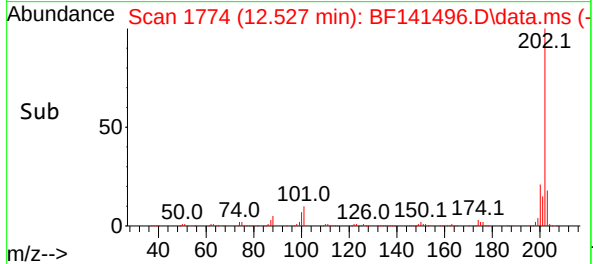
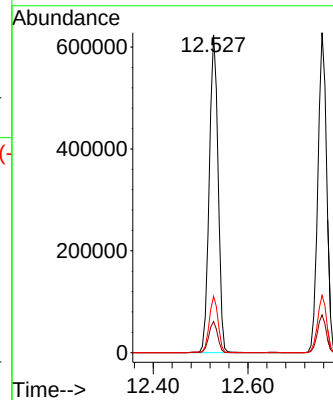
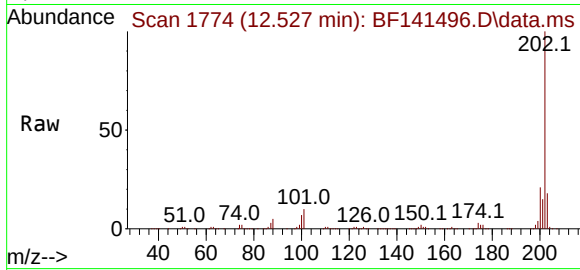




#75
Fluoranthene
Concen: 40.384 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

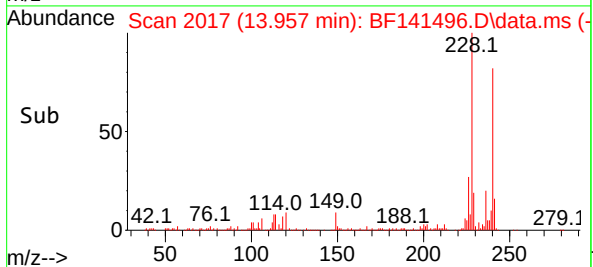
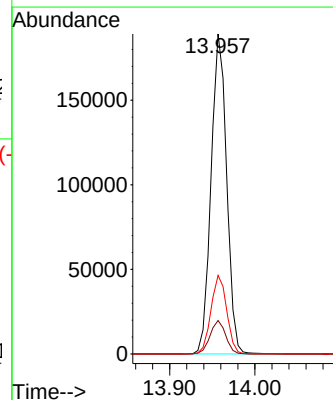
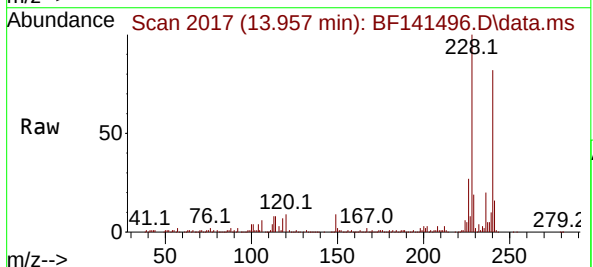
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

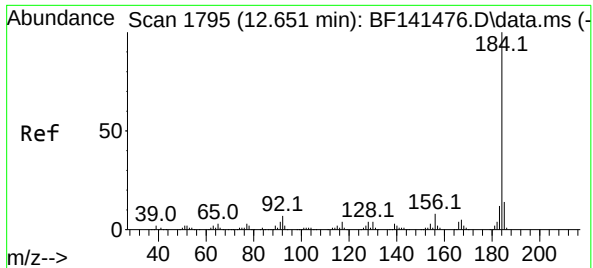
Tgt Ion:202 Resp: 806032
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:240 Resp: 240401
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 24.5 19.8 29.8





#77

Benzidine

Concen: 37.601 ng

RT: 12.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141496.D

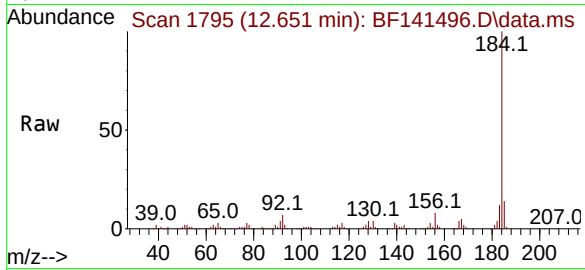
Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



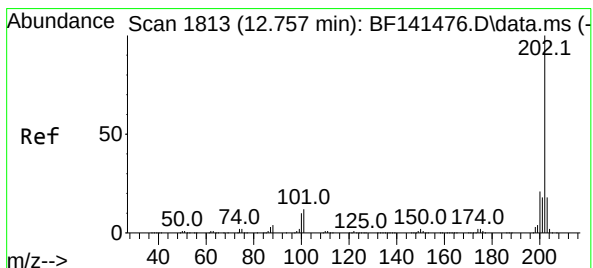
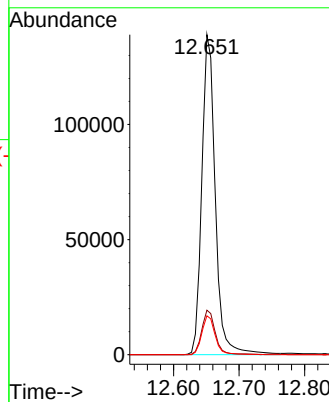
Tgt Ion:184 Resp: 199354

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

183 12.2 9.3 13.9



#78

Pyrene

Concen: 39.638 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

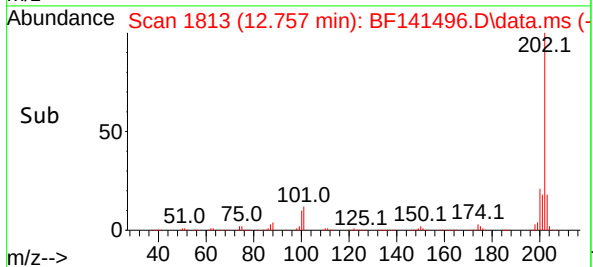
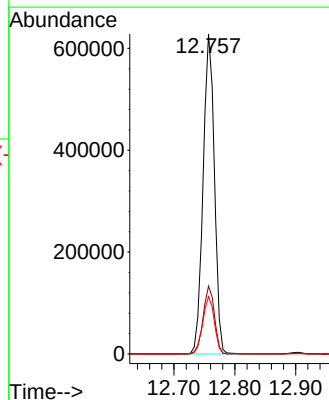
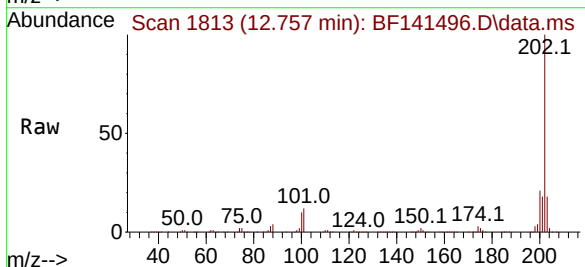
Tgt Ion:202 Resp: 811169

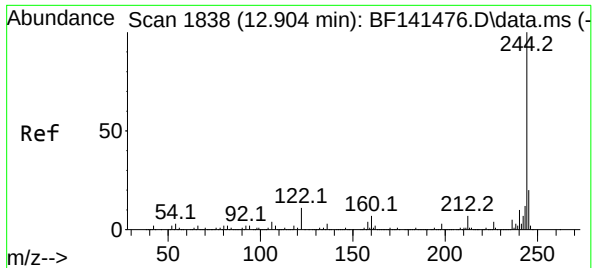
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.9 14.3 21.5

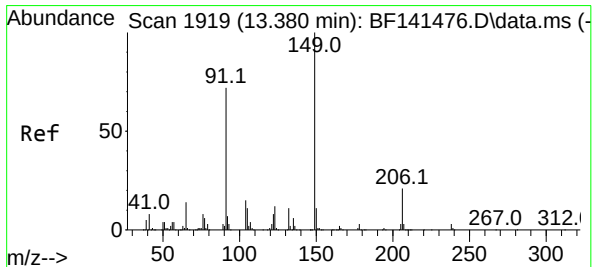
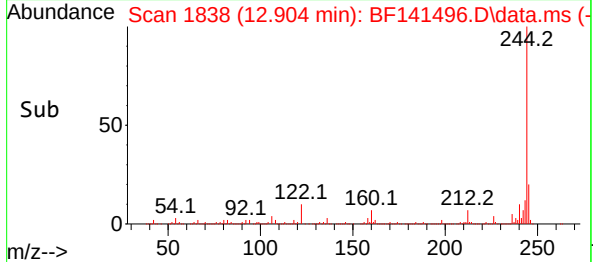
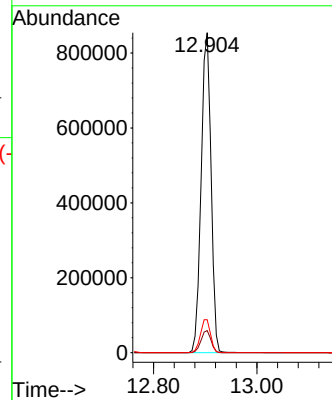
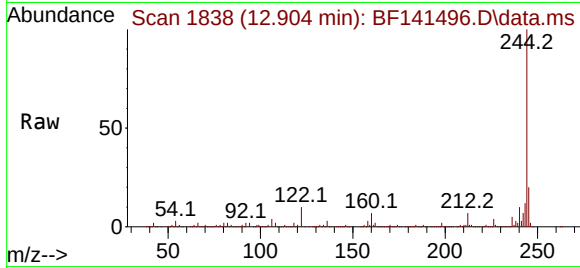




#79
Terphenyl-d14
Concen: 79.601 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

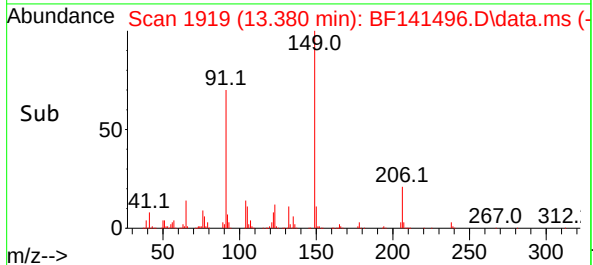
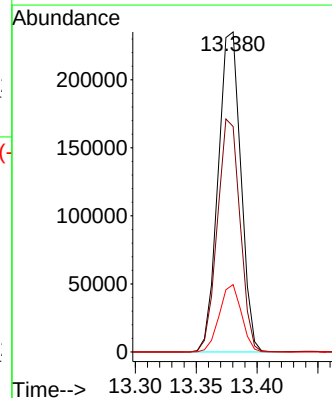
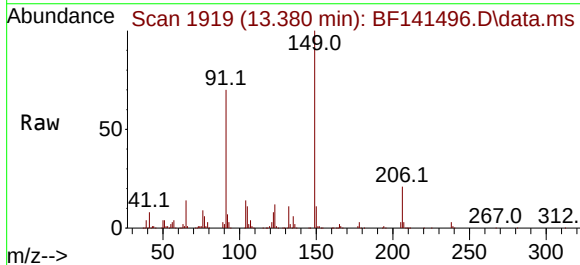
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

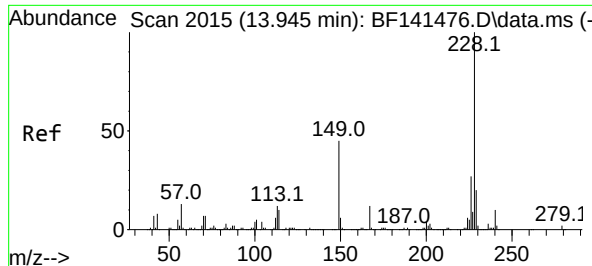
Tgt Ion:244 Resp: 1133546
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.3 8.4 12.6



#80
Butylbenzylphthalate
Concen: 43.097 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:149 Resp: 305486
Ion Ratio Lower Upper
149 100
91 70.4 57.8 86.8
206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 38.247 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

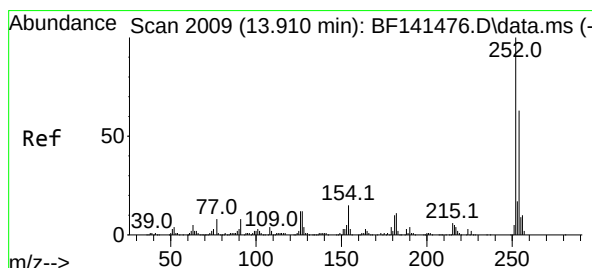
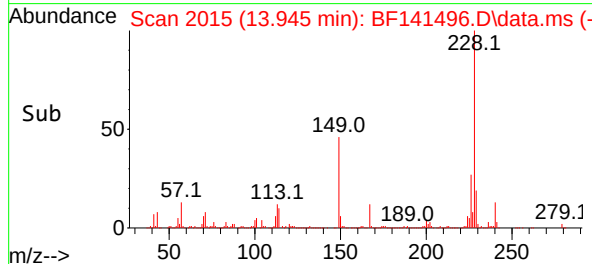
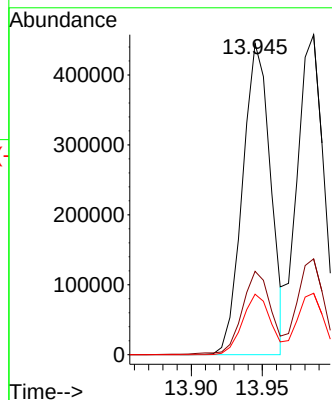
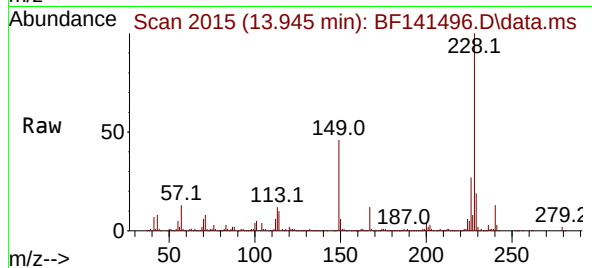
Tgt Ion:228 Resp: 611195

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.600 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

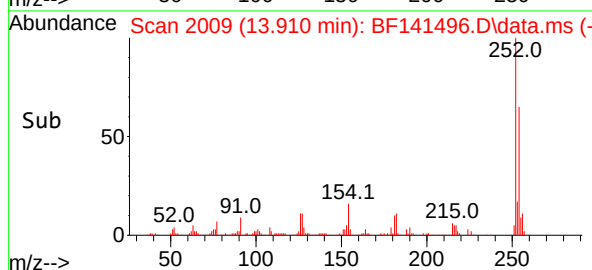
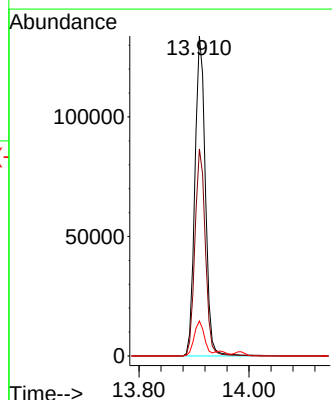
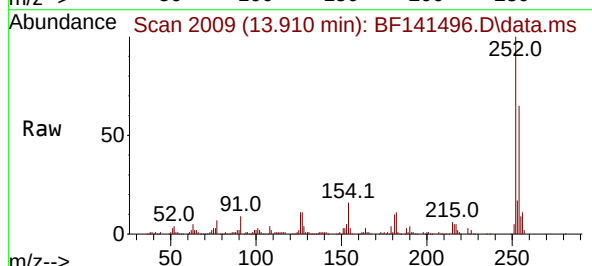
Tgt Ion:252 Resp: 176694

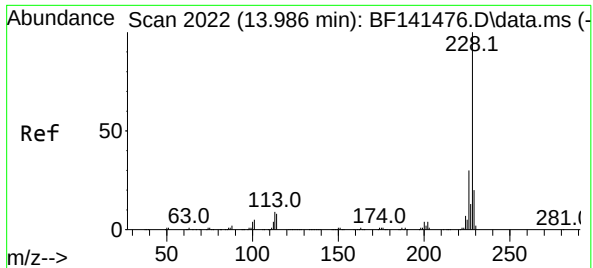
Ion Ratio Lower Upper

252 100

254 64.7 50.6 76.0

126 10.9 9.3 13.9





#83

Chrysene

Concen: 40.402 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

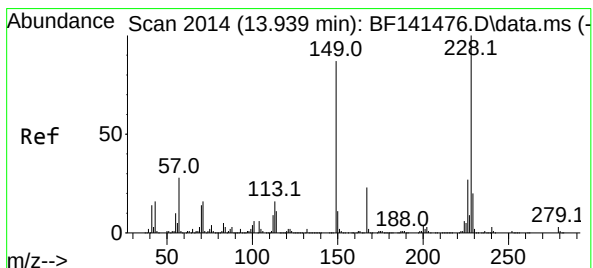
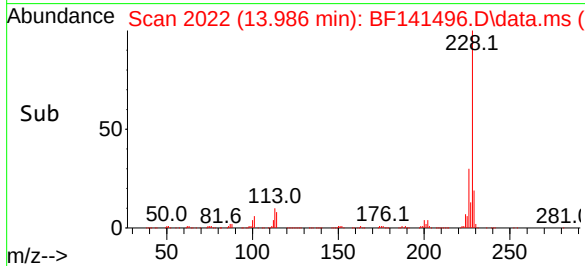
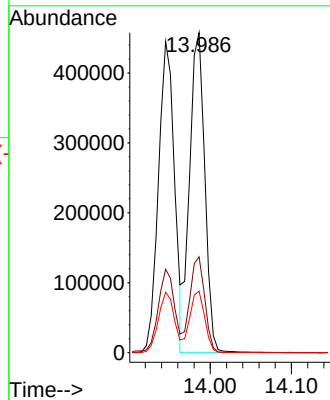
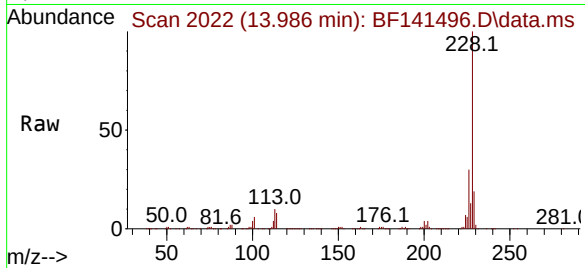
Tgt Ion:228 Resp: 596150

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.468 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

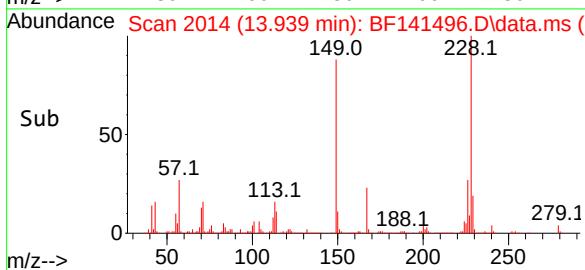
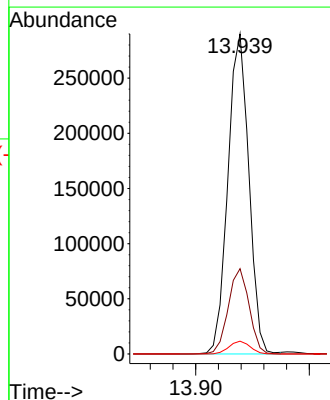
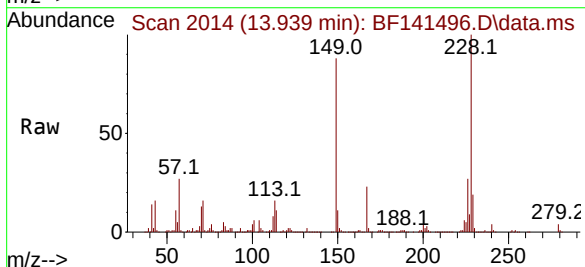
Tgt Ion:149 Resp: 371491

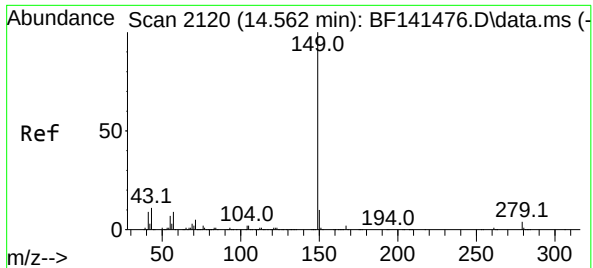
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.0 3.1 4.7

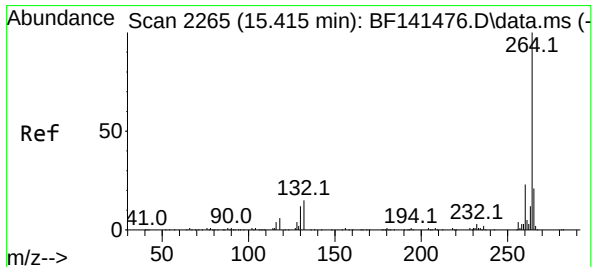
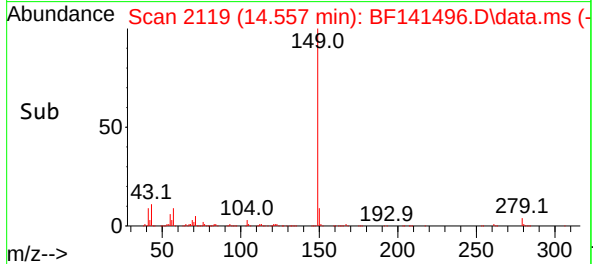
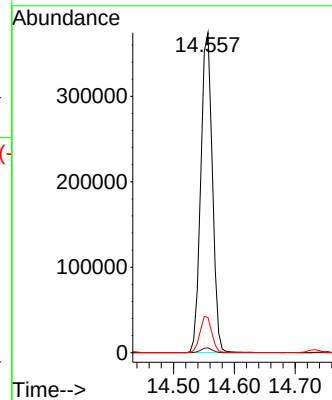
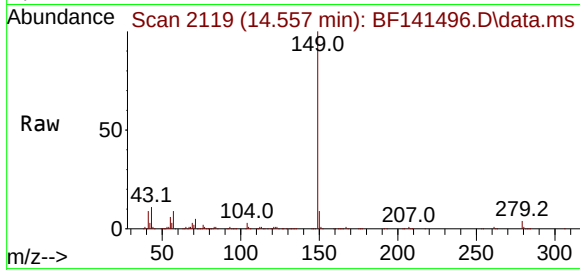




#85
Di-n-octyl phthalate
Concen: 43.392 ng
RT: 14.557 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

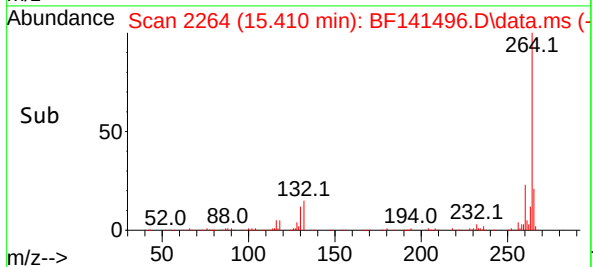
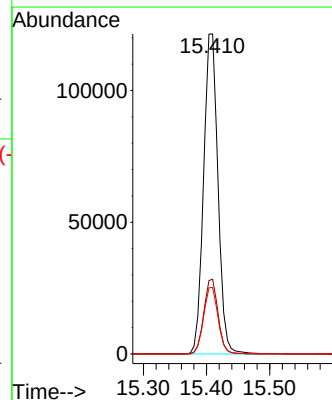
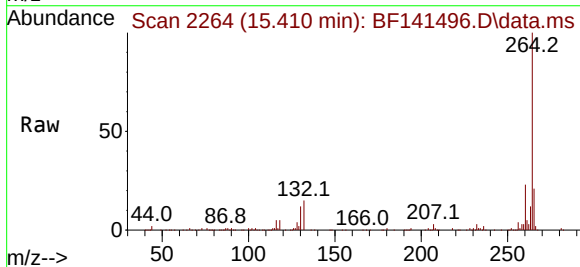
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

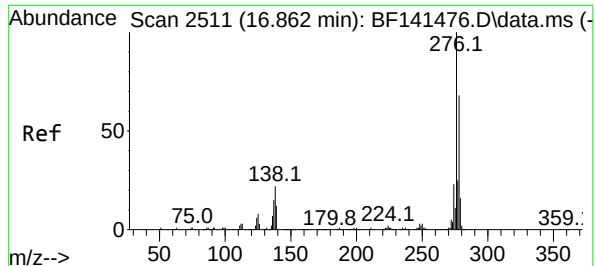
Tgt Ion:149 Resp: 494876
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.5 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141496.D
Acq: 07 Feb 2025 09:55

Tgt Ion:264 Resp: 192218
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.934 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

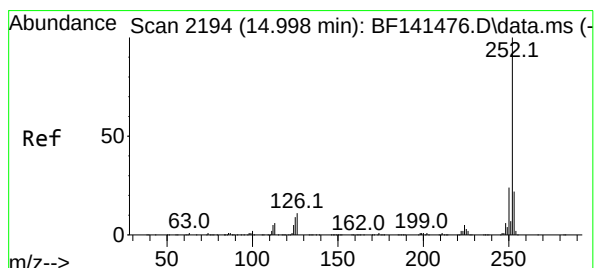
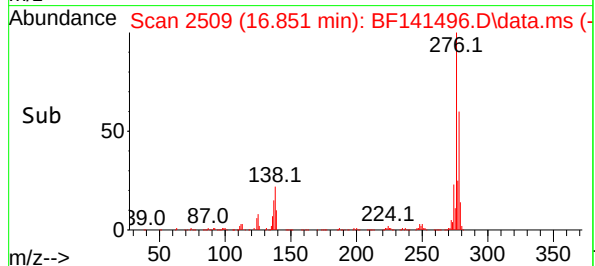
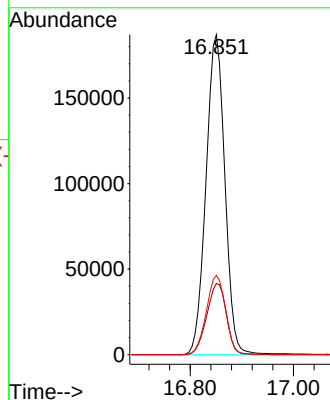
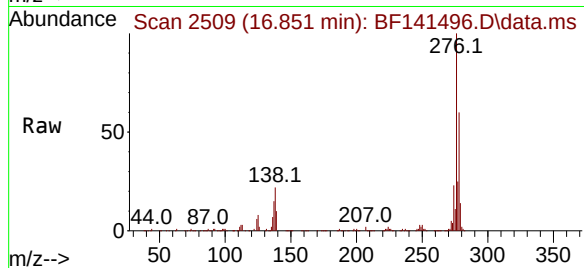
Tgt Ion:276 Resp: 474290

Ion Ratio Lower Upper

276 100

138 23.2 18.0 27.0

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.057 ng

RT: 14.986 min Scan# 2192

Delta R.T. -0.018 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

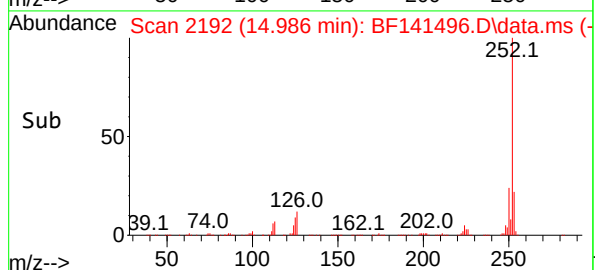
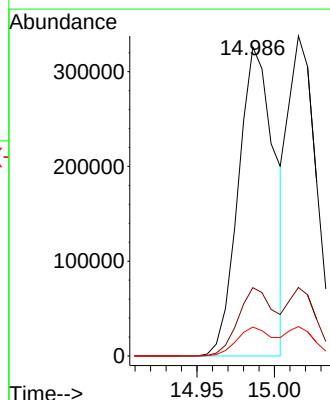
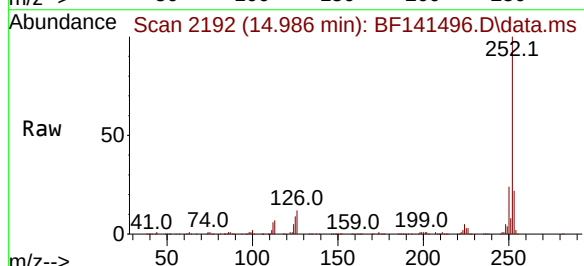
Tgt Ion:252 Resp: 529908

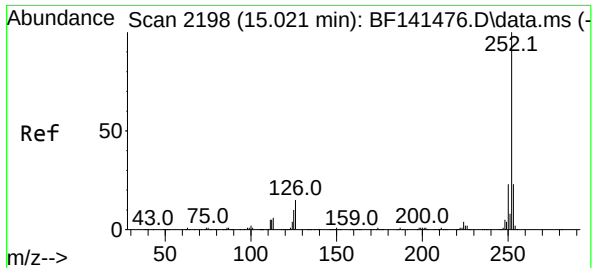
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.653 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

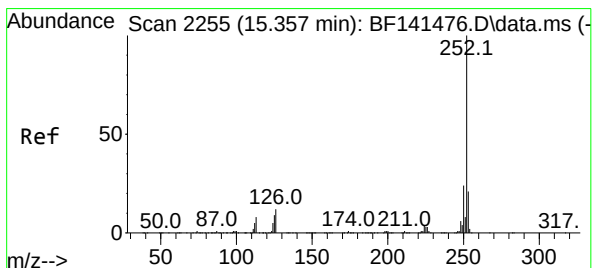
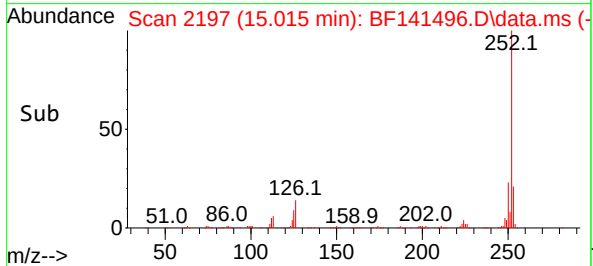
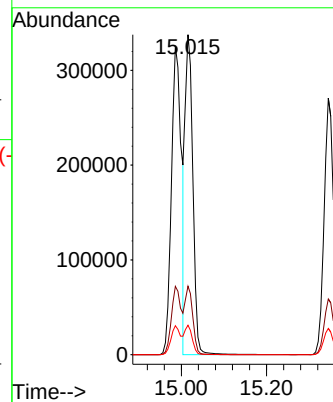
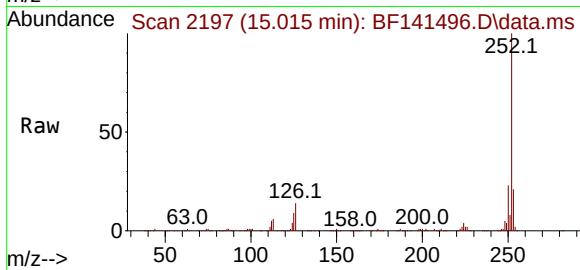
Tgt Ion:252 Resp: 425996

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 9.2 7.4 11.0



#90

Benzo(a)pyrene

Concen: 40.182 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.018 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

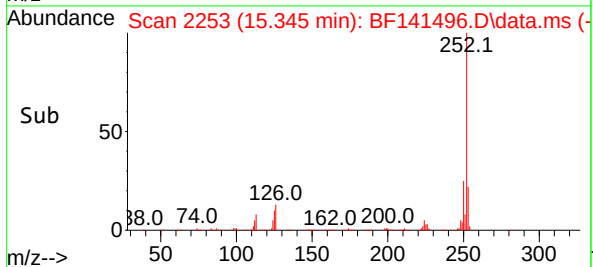
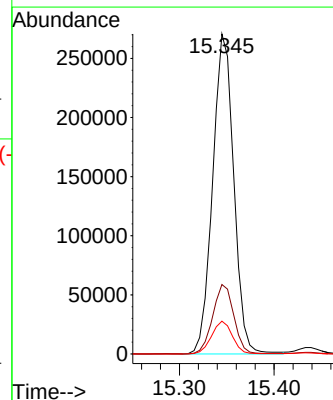
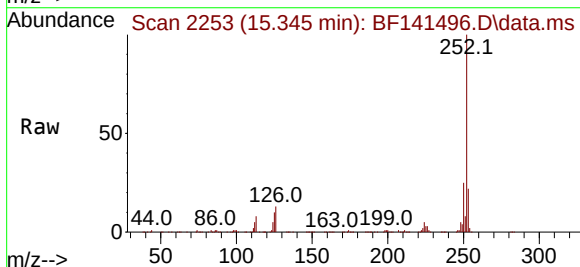
Tgt Ion:252 Resp: 419642

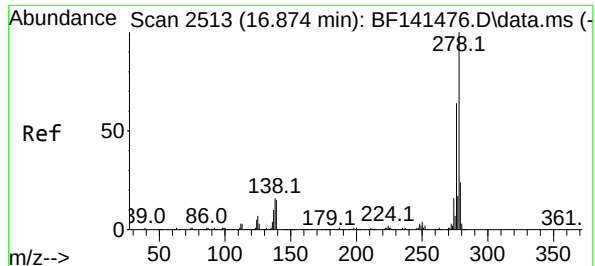
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 40.092 ng

RT: 16.862 min Scan# 2511

Delta R.T. -0.029 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

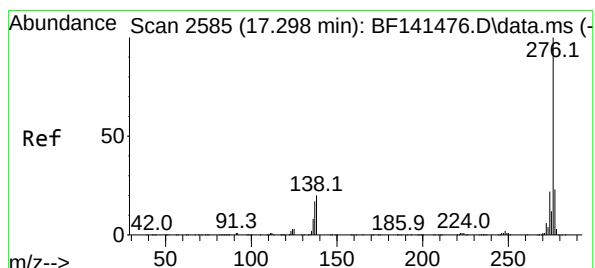
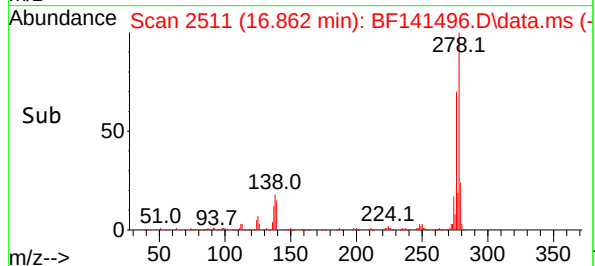
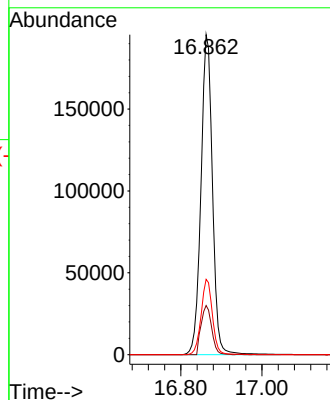
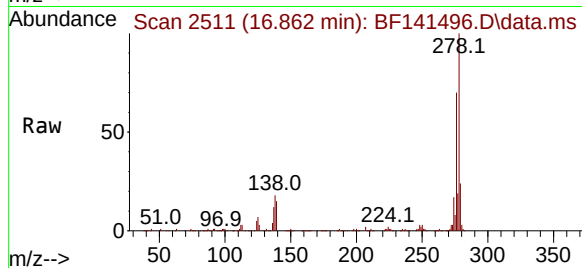
Tgt Ion:278 Resp: 385831

Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.6

279 23.6 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 40.419 ng

RT: 17.280 min Scan# 2582

Delta R.T. -0.035 min

Lab File: BF141496.D

Acq: 07 Feb 2025 09:55

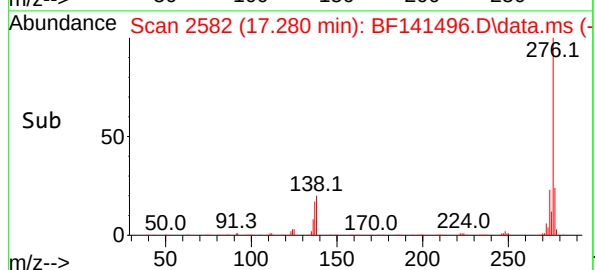
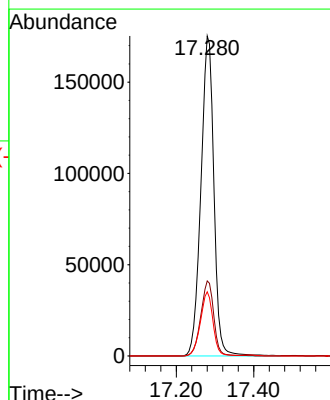
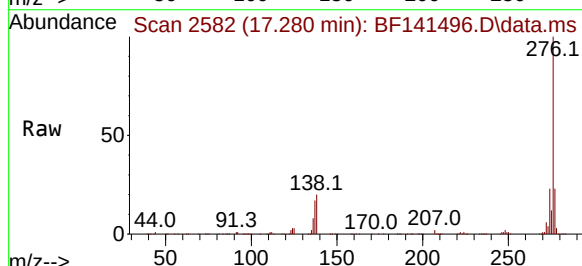
Tgt Ion:276 Resp: 407051

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 20.1 15.9 23.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
2	1,4-Dioxane	0.513	0.515	-0.4	102	0.00
3	Pyridine	1.222	1.238	-1.3	100	-0.01
4	n-Nitrosodimethylamine	0.809	0.810	-0.1	101	-0.03
5 S	2-Fluorophenol	1.276	1.278	-0.2	101	0.00
6	Aniline	1.513	1.453	4.0	97	-0.01
7 S	Phenol-d6	1.612	1.603	0.6	102	-0.01
8	2-Chlorophenol	1.378	1.375	0.2	102	0.00
9	Benzaldehyde	0.857	0.730	14.8	91	0.00
10 C	Phenol	1.678	1.674	0.2	102	-0.01
11	bis(2-Chloroethyl)ether	1.261	1.263	-0.2	102	0.00
12	1,3-Dichlorobenzene	1.455	1.448	0.5	103	0.00
13 C	1,4-Dichlorobenzene	1.487	1.492	-0.3	104	0.00
14	1,2-Dichlorobenzene	1.380	1.379	0.1	103	0.00
15	Benzyl Alcohol	1.236	1.216	1.6	99	0.00
16	2,2'-oxybis(1-Chloropropane	2.158	2.131	1.3	101	0.00
17	2-Methylphenol	1.079	1.061	1.7	101	0.00
18	Hexachloroethane	0.550	0.553	-0.5	102	0.00
19 P	n-Nitroso-di-n-propylamine	0.964	0.975	-1.1	103	-0.01
20	3+4-Methylphenols	1.371	1.359	0.9	101	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.498	0.489	1.8	102	0.00
23 S	Nitrobenzene-d5	0.383	0.379	1.0	102	0.00
24	Nitrobenzene	0.374	0.373	0.3	103	0.00
25	Isophorone	0.611	0.607	0.7	103	0.00
26 C	2-Nitrophenol	0.186	0.188	-1.1	101	0.00
27	2,4-Dimethylphenol	0.217	0.214	1.4	99	0.00
28	bis(2-Chloroethoxy)methane	0.392	0.394	-0.5	103	0.00
29 C	2,4-Dichlorophenol	0.294	0.295	-0.3	103	0.00
30	1,2,4-Trichlorobenzene	0.320	0.314	1.9	102	0.00
31	Naphthalene	1.041	1.032	0.9	103	0.00
32	Benzoic acid	0.226	0.231	-2.2	104	-0.04
33	4-Chloroaniline	0.363	0.339	6.6	96	0.00
34 C	Hexachlorobutadiene	0.192	0.192	0.0	103	0.00
35	Caprolactam	0.089	0.089	0.0	99	-0.03
36 C	4-Chloro-3-methylphenol	0.325	0.327	-0.6	103	0.00
37	2-Methylnaphthalene	0.677	0.654	3.4	101	0.00
38	1-Methylnaphthalene	0.656	0.648	1.2	102	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	0.579	0.565	2.4	101	0.00
41 P	Hexachlorocyclopentadiene	0.192	0.195	-1.6	100	0.00
42 S	2,4,6-Tribromophenol	0.201	0.193	4.0	101	0.00
43 C	2,4,6-Trichlorophenol	0.374	0.368	1.6	102	0.00
44	2,4,5-Trichlorophenol	0.405	0.396	2.2	101	0.00
45 S	2-Fluorobiphenyl	1.298	1.253	3.5	103	0.00
46	1,1'-Biphenyl	1.551	1.505	3.0	102	0.00
47	2-Chloronaphthalene	1.147	1.119	2.4	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.385	0.377	2.1	101	0.00
49	Acenaphthylene	1.705	1.675	1.8	103	0.00
50	Dimethylphthalate	1.358	1.313	3.3	102	0.00
51	2,6-Dinitrotoluene	0.297	0.291	2.0	101	0.00
52 C	Acenaphthene	1.147	1.122	2.2	102	0.00
53	3-Nitroaniline	0.319	0.311	2.5	102	0.00
54 P	2,4-Dinitrophenol	0.176	0.168	4.5	99	-0.01
55	Dibenzofuran	1.683	1.637	2.7	102	0.00
56 P	4-Nitrophenol	0.237	0.239	-0.8	100	-0.01
57	2,4-Dinitrotoluene	0.395	0.385	2.5	101	0.00
58	Fluorene	1.301	1.262	3.0	102	0.00
59	2,3,4,6-Tetrachlorophenol	0.349	0.347	0.6	104	0.00
60	Diethylphthalate	1.336	1.282	4.0	101	0.00
61	4-Chlorophenyl-phenylether	0.626	0.611	2.4	102	0.00
62	4-Nitroaniline	0.324	0.328	-1.2	102	-0.02
63	Azobenzene	1.328	1.298	2.3	102	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	0.139	0.142	-2.2	101	-0.01
66 c	n-Nitrosodiphenylamine	0.640	0.628	1.9	102	-0.01
67	4-Bromophenyl-phenylether	0.224	0.224	0.0	103	0.00
68	Hexachlorobenzene	0.230	0.229	0.4	103	0.00
69	Atrazine	0.192	0.185	3.6	102	0.00
70 C	Pentachlorophenol	0.147	0.151	-2.7	100	0.00
71	Phenanthrene	1.101	1.075	2.4	101	0.00
72	Anthracene	1.107	1.083	2.2	102	0.00
73	Carbazole	0.996	0.988	0.8	102	0.00
74	Di-n-butylphthalate	1.150	1.168	-1.6	104	0.00
75 C	Fluoranthene	1.167	1.178	-0.9	104	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77	Benzydine	0.441	0.415	5.9	84	0.00
78	Pyrene	1.703	1.687	0.9	103	0.00
79 S	Terphenyl-d14	1.185	1.179	0.5	105	0.00
80	Butylbenzylphthalate	0.590	0.635	-7.6	111	0.00
81	Benzo(a)anthracene	1.329	1.271	4.4	101	0.00
82	3,3'-Dichlorobenzidine	0.381	0.367	3.7	104	0.00
83	Chrysene	1.228	1.240	-1.0	110	0.00
84	Bis(2-ethylhexyl)phthalate	0.665	0.773	-16.2	120	0.00
85 c	Di-n-octyl phthalate	0.949	1.029	-8.4	114	0.00
86 I	Perylene-d12	1.000	1.000	0.0	105	0.00
87	Indeno(1,2,3-cd)pyrene	1.236	1.234	0.2	101	-0.02
88	Benzo(b)fluoranthene	1.343	1.378	-2.6	108	-0.02
89	Benzo(k)fluoranthene	1.147	1.108	3.4	102	-0.02
90 C	Benzo(a)pyrene	1.087	1.092	-0.5	106	-0.02
91	Dibenzo(a,h)anthracene	1.001	1.004	-0.3	100	-0.03
92	Benzo(g,h,i)perylene	1.048	1.059	-1.0	101	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141496.D
Acq On : 07 Feb 2025 09:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
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Quant Time: Feb 07 10:35:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	102	0.00
2	1,4-Dioxane	40.000	40.099	-0.2	102	0.00
3	Pyridine	40.000	40.516	-1.3	100	-0.01
4	n-Nitrosodimethylamine	40.000	40.032	-0.1	101	-0.03
5 S	2-Fluorophenol	80.000	80.122	-0.2	101	0.00
6	Aniline	40.000	38.436	3.9	97	-0.01
7 S	Phenol-d6	80.000	79.552	0.6	102	-0.01
8	2-Chlorophenol	40.000	39.903	0.2	102	0.00
9	Benzaldehyde	40.000	34.059	14.9	91	0.00
10 C	Phenol	40.000	39.890	0.3	102	-0.01
11	bis(2-Chloroethyl)ether	40.000	40.079	-0.2	102	0.00
12	1,3-Dichlorobenzene	40.000	39.793	0.5	103	0.00
13 C	1,4-Dichlorobenzene	40.000	40.146	-0.4	104	0.00
14	1,2-Dichlorobenzene	40.000	39.960	0.1	103	0.00
15	Benzyl Alcohol	40.000	39.339	1.7	99	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.495	1.3	101	0.00
17	2-Methylphenol	40.000	39.334	1.7	101	0.00
18	Hexachloroethane	40.000	40.164	-0.4	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.419	-1.0	103	-0.01
20	3+4-Methylphenols	40.000	39.650	0.9	101	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	39.311	1.7	102	0.00
23 S	Nitrobenzene-d5	80.000	79.068	1.2	102	0.00
24	Nitrobenzene	40.000	39.948	0.1	103	0.00
25	Isophorone	40.000	39.729	0.7	103	0.00
26 C	2-Nitrophenol	40.000	40.403	-1.0	101	0.00
27	2,4-Dimethylphenol	40.000	39.340	1.6	99	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.243	-0.6	103	0.00
29 C	2,4-Dichlorophenol	40.000	40.182	-0.5	103	0.00
30	1,2,4-Trichlorobenzene	40.000	39.253	1.9	102	0.00
31	Naphthalene	40.000	39.662	0.8	103	0.00
32	Benzoic acid	40.000	40.922	-2.3	104	-0.04
33	4-Chloroaniline	40.000	37.274	6.8	96	0.00
34 C	Hexachlorobutadiene	40.000	39.946	0.1	103	0.00
35	Caprolactam	40.000	39.738	0.7	99	-0.03
36 C	4-Chloro-3-methylphenol	40.000	40.257	-0.6	103	0.00
37	2-Methylnaphthalene	40.000	38.639	3.4	101	0.00
38	1-Methylnaphthalene	40.000	39.526	1.2	102	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.077	2.3	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.596	-1.5	100	0.00
42 S	2,4,6-Tribromophenol	80.000	77.012	3.7	101	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.391	1.5	102	0.00
44	2,4,5-Trichlorophenol	40.000	39.107	2.2	101	0.00
45 S	2-Fluorobiphenyl	80.000	77.217	3.5	103	0.00
46	1,1'-Biphenyl	40.000	38.820	2.9	102	0.00
47	2-Chloronaphthalene	40.000	39.023	2.4	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141496.D
 Acq On : 07 Feb 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.170	2.1	101	0.00
49	Acenaphthylene	40.000	39.277	1.8	103	0.00
50	Dimethylphthalate	40.000	38.693	3.3	102	0.00
51	2,6-Dinitrotoluene	40.000	39.208	2.0	101	0.00
52 C	Acenaphthene	40.000	39.152	2.1	102	0.00
53	3-Nitroaniline	40.000	38.948	2.6	102	0.00
54 P	2,4-Dinitrophenol	40.000	38.007	5.0	99	-0.01
55	Dibenzofuran	40.000	38.916	2.7	102	0.00
56 P	4-Nitrophenol	40.000	40.291	-0.7	100	-0.01
57	2,4-Dinitrotoluene	40.000	38.963	2.6	101	0.00
58	Fluorene	40.000	38.787	3.0	102	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.721	0.7	104	0.00
60	Diethylphthalate	40.000	38.386	4.0	101	0.00
61	4-Chlorophenyl-phenylether	40.000	39.042	2.4	102	0.00
62	4-Nitroaniline	40.000	40.480	-1.2	102	-0.02
63	Azobenzene	40.000	39.094	2.3	102	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.751	-1.9	101	-0.01
66 c	n-Nitrosodiphenylamine	40.000	39.213	2.0	102	-0.01
67	4-Bromophenyl-phenylether	40.000	40.083	-0.2	103	0.00
68	Hexachlorobenzene	40.000	39.795	0.5	103	0.00
69	Atrazine	40.000	38.536	3.7	102	0.00
70 C	Pentachlorophenol	40.000	41.160	-2.9	100	0.00
71	Phenanthrene	40.000	39.052	2.4	101	0.00
72	Anthracene	40.000	39.135	2.2	102	0.00
73	Carbazole	40.000	39.680	0.8	102	0.00
74	Di-n-butylphthalate	40.000	40.620	-1.5	104	0.00
75 C	Fluoranthene	40.000	40.384	-1.0	104	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77	Benzydine	40.000	37.601	6.0	84	0.00
78	Pyrene	40.000	39.638	0.9	103	0.00
79 S	Terphenyl-d14	80.000	79.601	0.5	105	0.00
80	Butylbenzylphthalate	40.000	43.097	-7.7	111	0.00
81	Benzo(a)anthracene	40.000	38.247	4.4	101	0.00
82	3,3'-Dichlorobenzidine	40.000	38.600	3.5	104	0.00
83	Chrysene	40.000	40.402	-1.0	110	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	46.468	-16.2	120	0.00
85 c	Di-n-octyl phthalate	40.000	43.392	-8.5	114	0.00
86 I	Perylene-d12	20.000	20.000	0.0	105	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.934	0.2	101	-0.02
88	Benzo(b)fluoranthene	40.000	41.057	-2.6	108	-0.02
89	Benzo(k)fluoranthene	40.000	38.653	3.4	102	-0.02
90 C	Benzo(a)pyrene	40.000	40.182	-0.5	106	-0.02
91	Dibenzo(a,h)anthracene	40.000	40.092	-0.2	100	-0.03
92	Benzo(g,h,i)perylene	40.000	40.419	-1.0	101	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141496.D
Acq On : 07 Feb 2025 09:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Feb 07 10:35:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

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



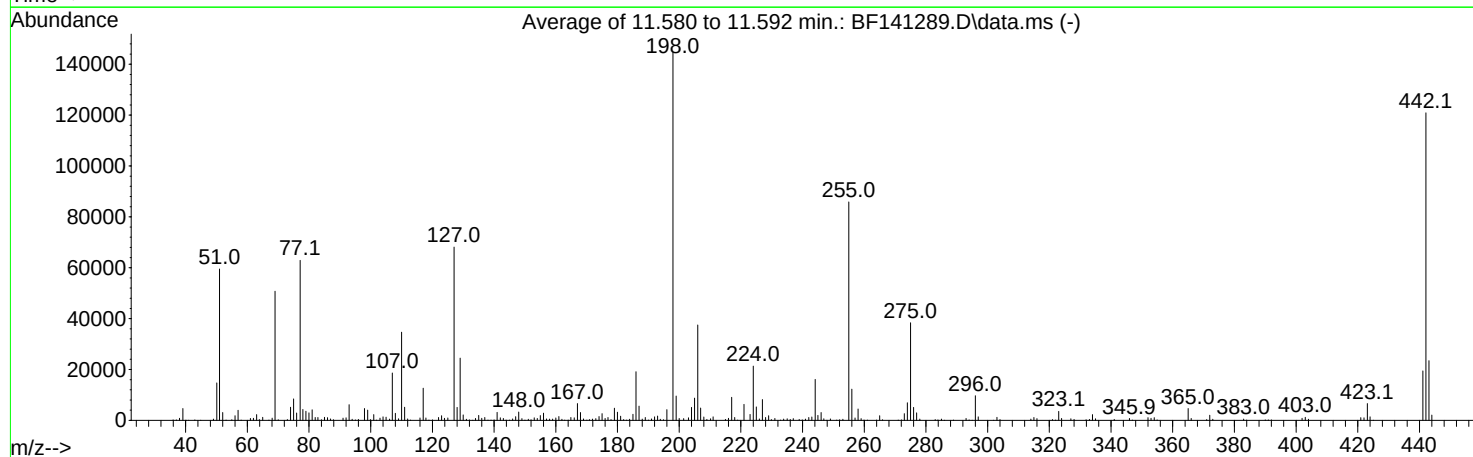
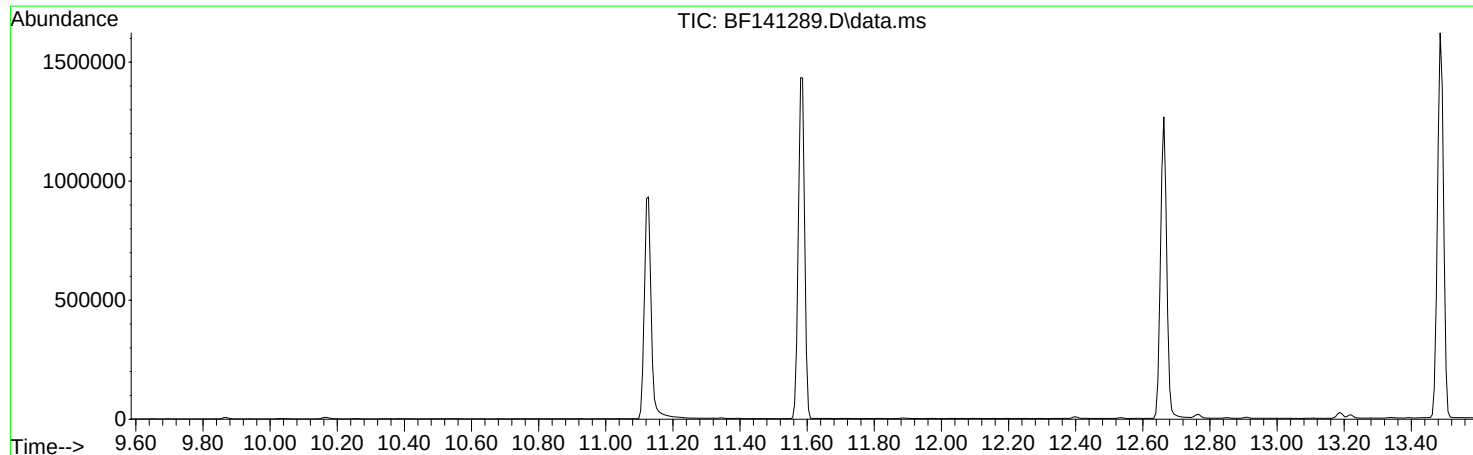
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141289.D
Acq On : 29 Jan 2025 10:03
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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jan 29 17:41:25 2025



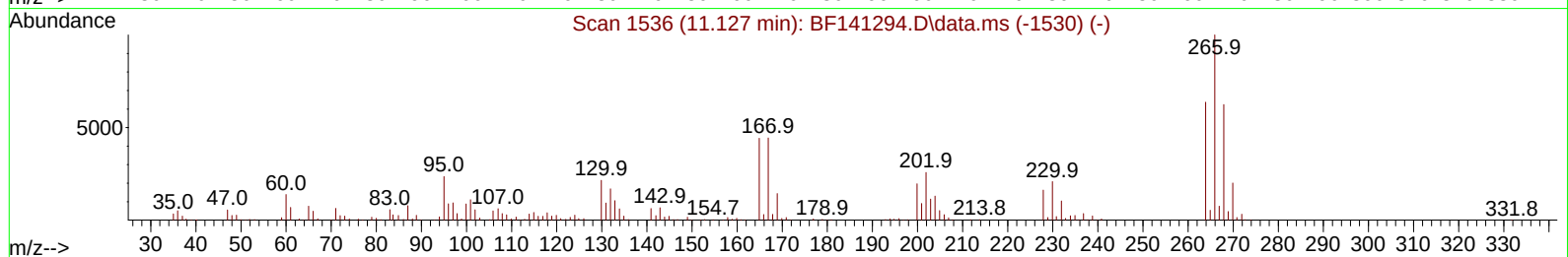
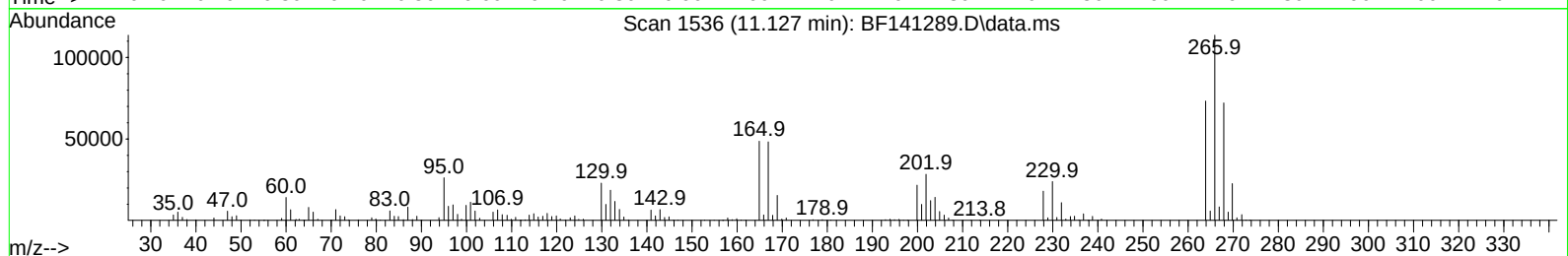
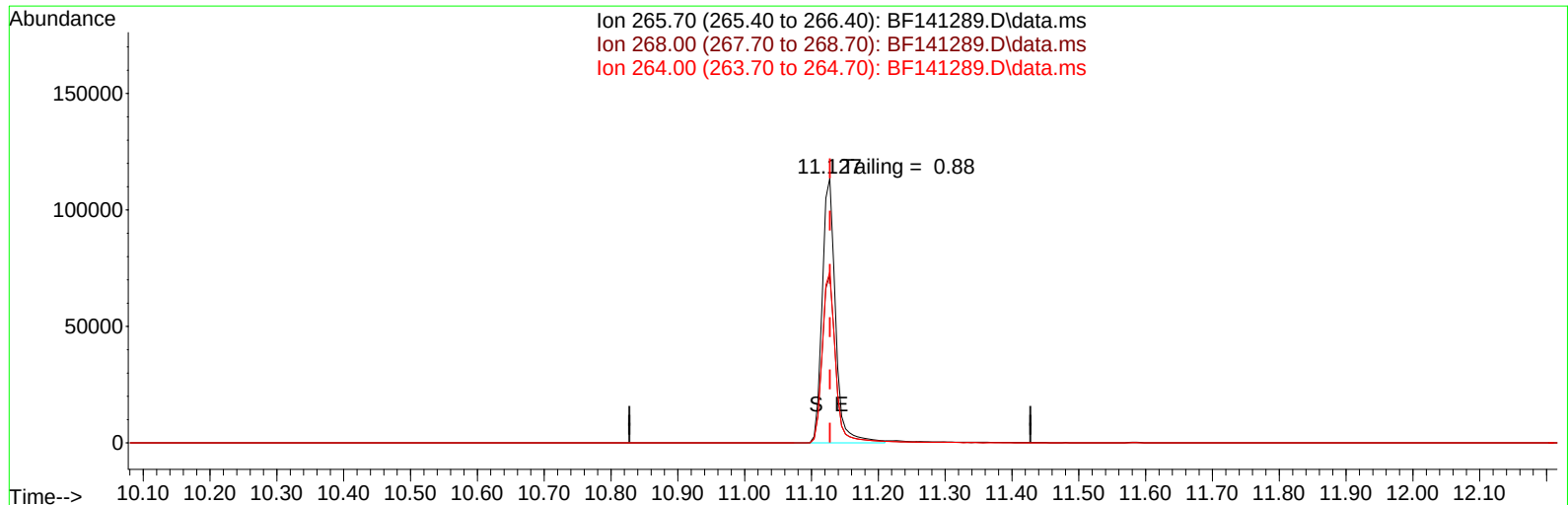
AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.1	59504	PASS
68	69	0.00	2	1.7	874	PASS
69	198	0.00	100	35.1	50789	PASS
70	69	0.00	2	0.6	281	PASS
127	198	10	80	47.1	68133	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144613	PASS
199	198	5	9	6.6	9584	PASS
275	198	10	60	26.5	38371	PASS
365	198	1	100	3.2	4642	PASS
441	198	0.01	100	13.5	19467	PASS
442	442	50	100	100.0	120923	PASS
443	442	15	24	19.4	23456	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141289.D
Acq On : 29 Jan 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 29 13:18:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 13:12:40 2025
Response via : Initial Calibration



TIC: BF141289.D\data.ms

(70) Pentachlorophenol (C)

11.127min (-0.000) 18353.04 ng

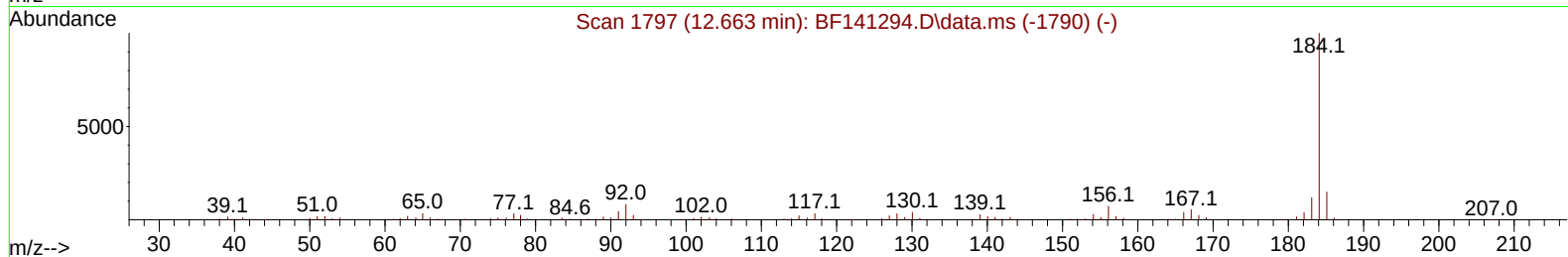
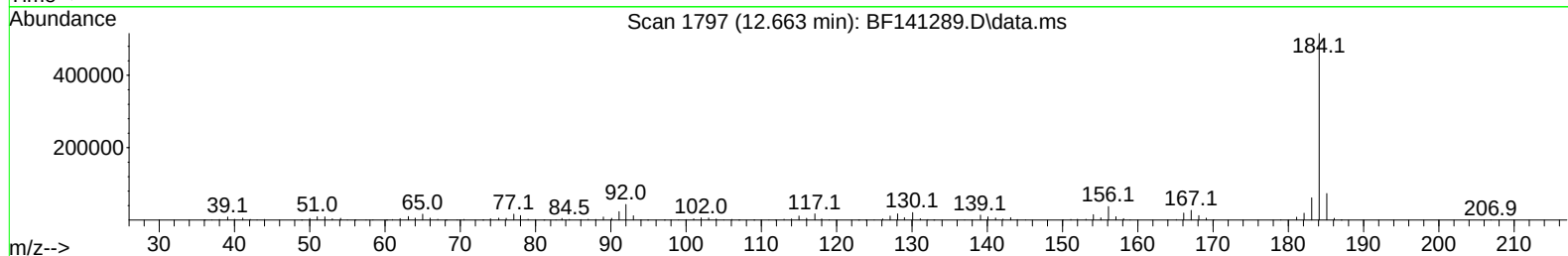
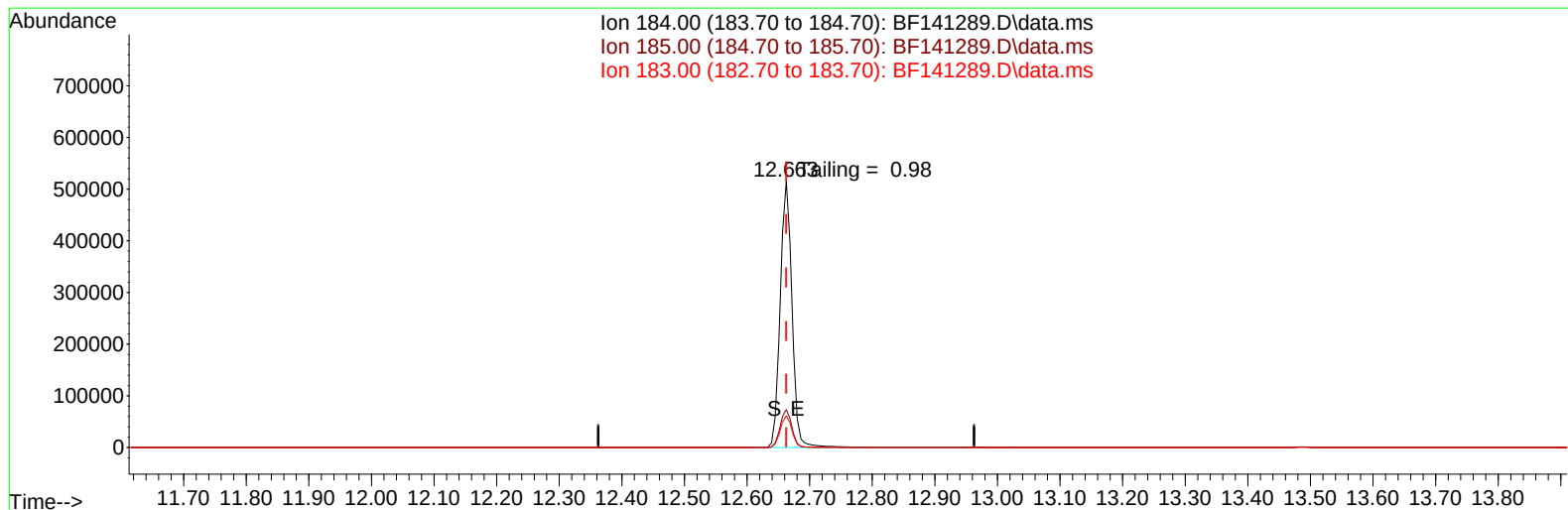
response 157302

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	68.00	63.47
264.00	63.20	64.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141289.D
Acq On : 29 Jan 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 29 13:18:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 13:12:40 2025
Response via : Initial Calibration



TIC: BF141289.D\data.ms

(77) Benzidine

12.663min (-0.000) 86413.53 ng

response 677498

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.27
183.00	11.70	11.93
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/29/2025	BNA_F	<u>BF141289.D</u>
Compound Name	Response	Retention Time
DDT	407437	13.486
DDD	11239	13.186
DDE	931	12.851
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
12170	419607	2.90

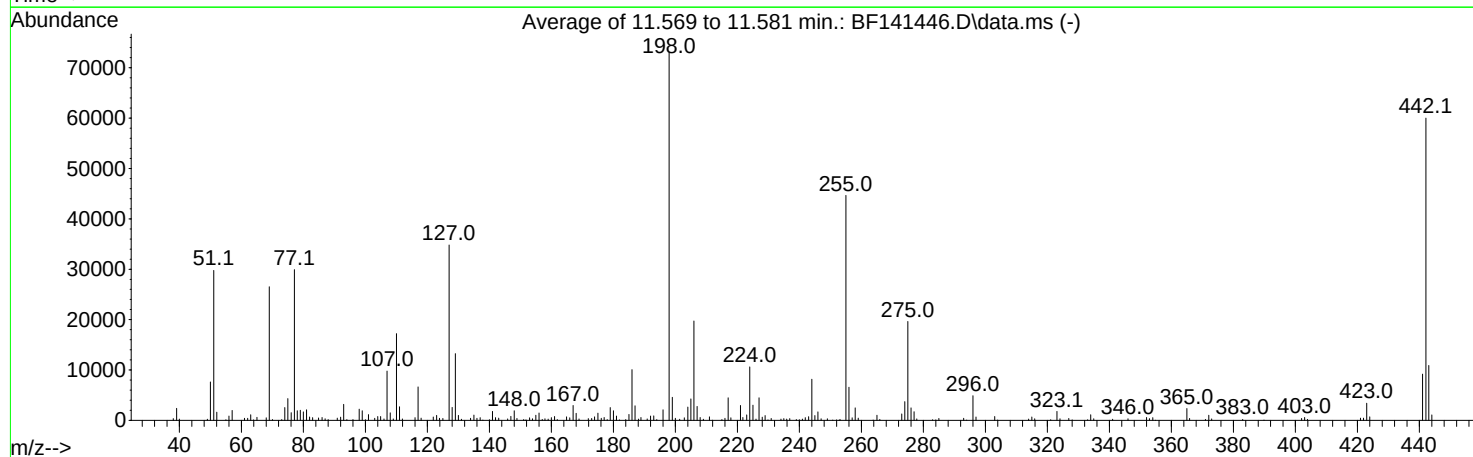
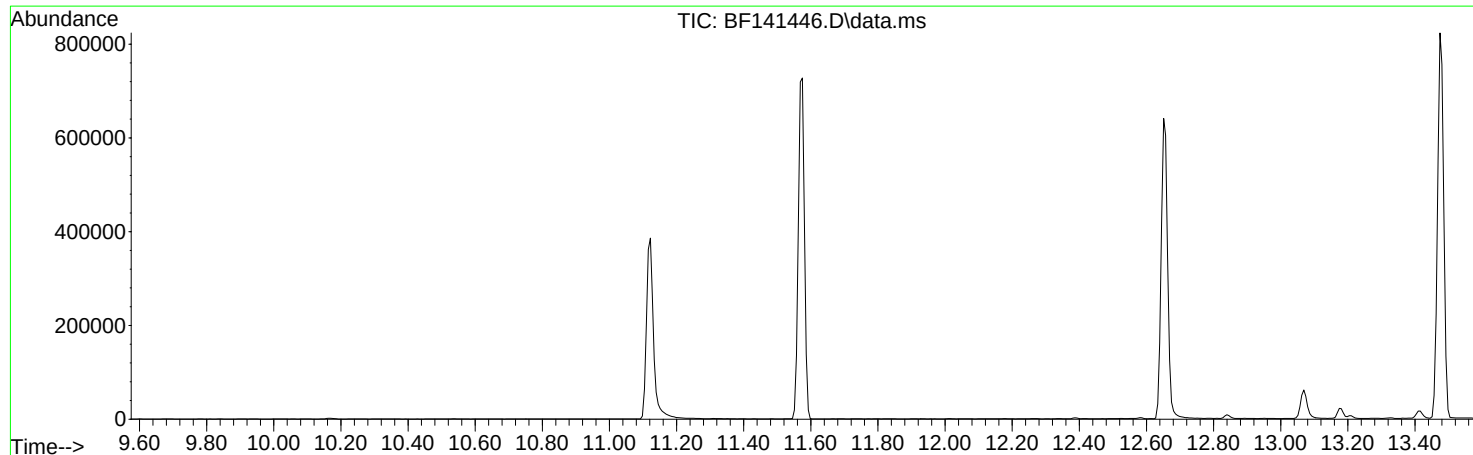
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141446.D
Acq On : 05 Feb 2025 14:50
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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jan 29 17:41:25 2025



AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1604

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.8	29779	PASS
68	69	0.00	2	1.9	505	PASS
69	198	0.00	100	36.3	26508	PASS
70	69	0.00	2	0.6	149	PASS
127	198	10	80	47.7	34819	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	73027	PASS
199	198	5	9	6.3	4572	PASS
275	198	10	60	26.9	19638	PASS
365	198	1	100	3.2	2360	PASS
441	198	0.01	100	12.6	9188	PASS
442	442	50	100	100.0	59989	PASS
443	442	15	24	18.2	10895	PASS

DDT Breakdown

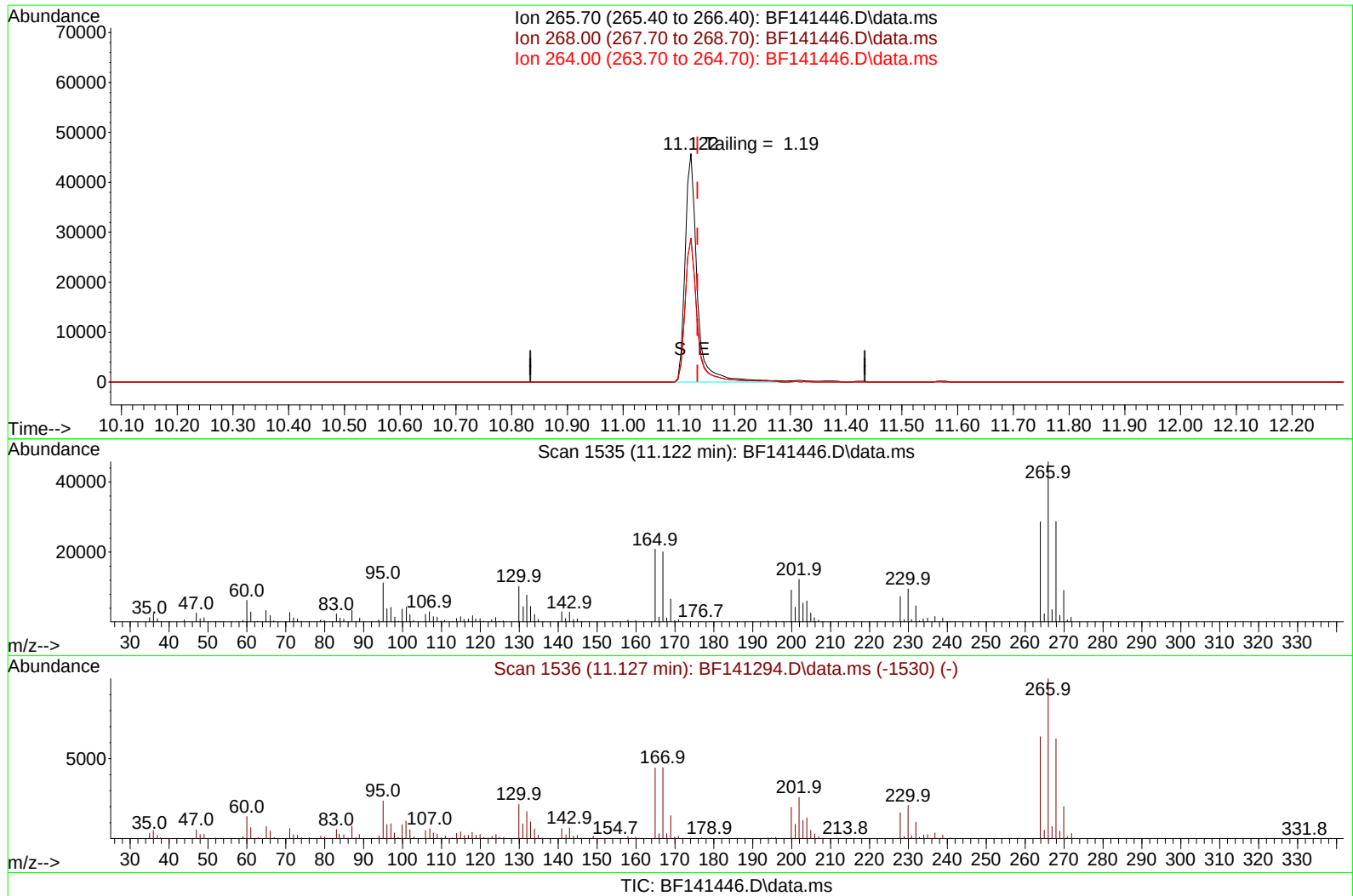
Date	Instrument Name	DFTPP Data File
2/5/2025	BNA_F	<u>BF141446.D</u>
Compound Name	Response	Retention Time
DDT	208681	13.475
DDD	8639	13.18
DDE	1933	12.839
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
10572	219253	4.82

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141446.D
Acq On : 05 Feb 2025 14:50
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 05 15:11:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

**(70) Pentachlorophenol (C)**

11.122min (-0.012) 28277.45 ng

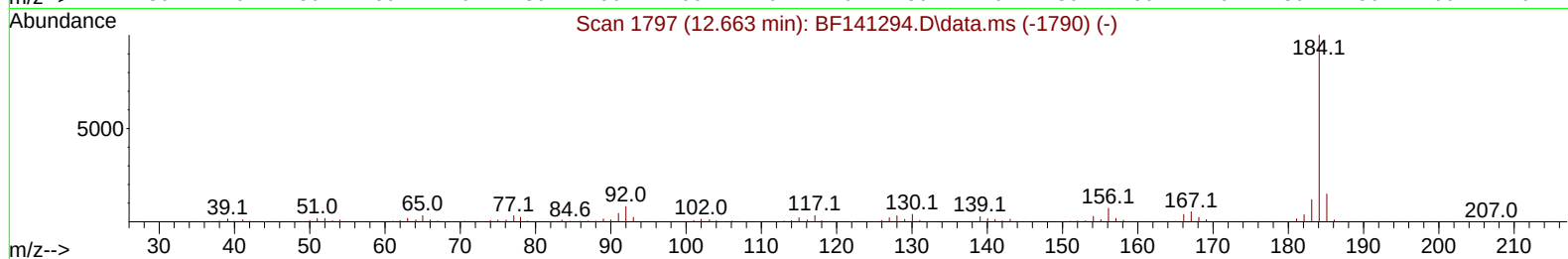
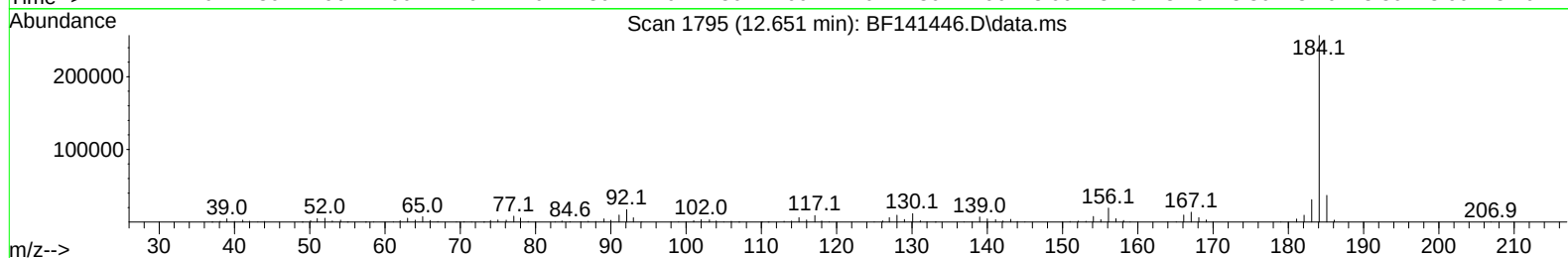
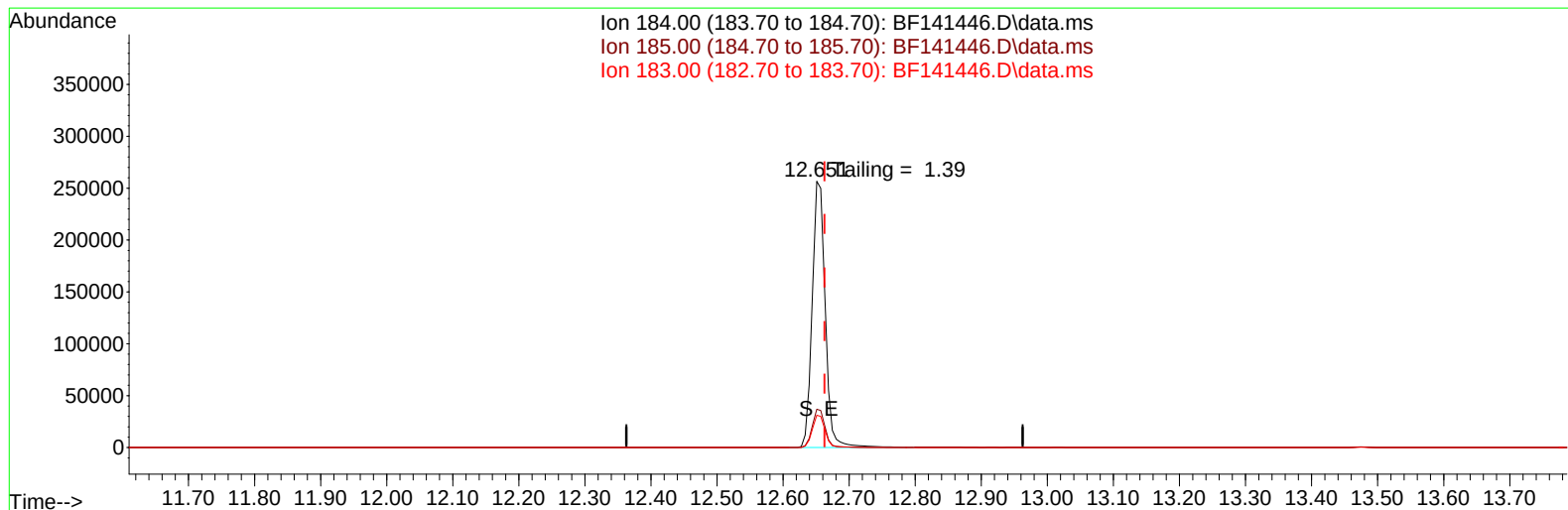
response 68825

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.40	62.95
264.00	63.70	62.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141446.D
Acq On : 05 Feb 2025 14:50
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 05 15:11:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



TIC: BF141446.D\data.ms

(77) Benzidine

12.651min (-0.012) 0.00 ng

response 352285

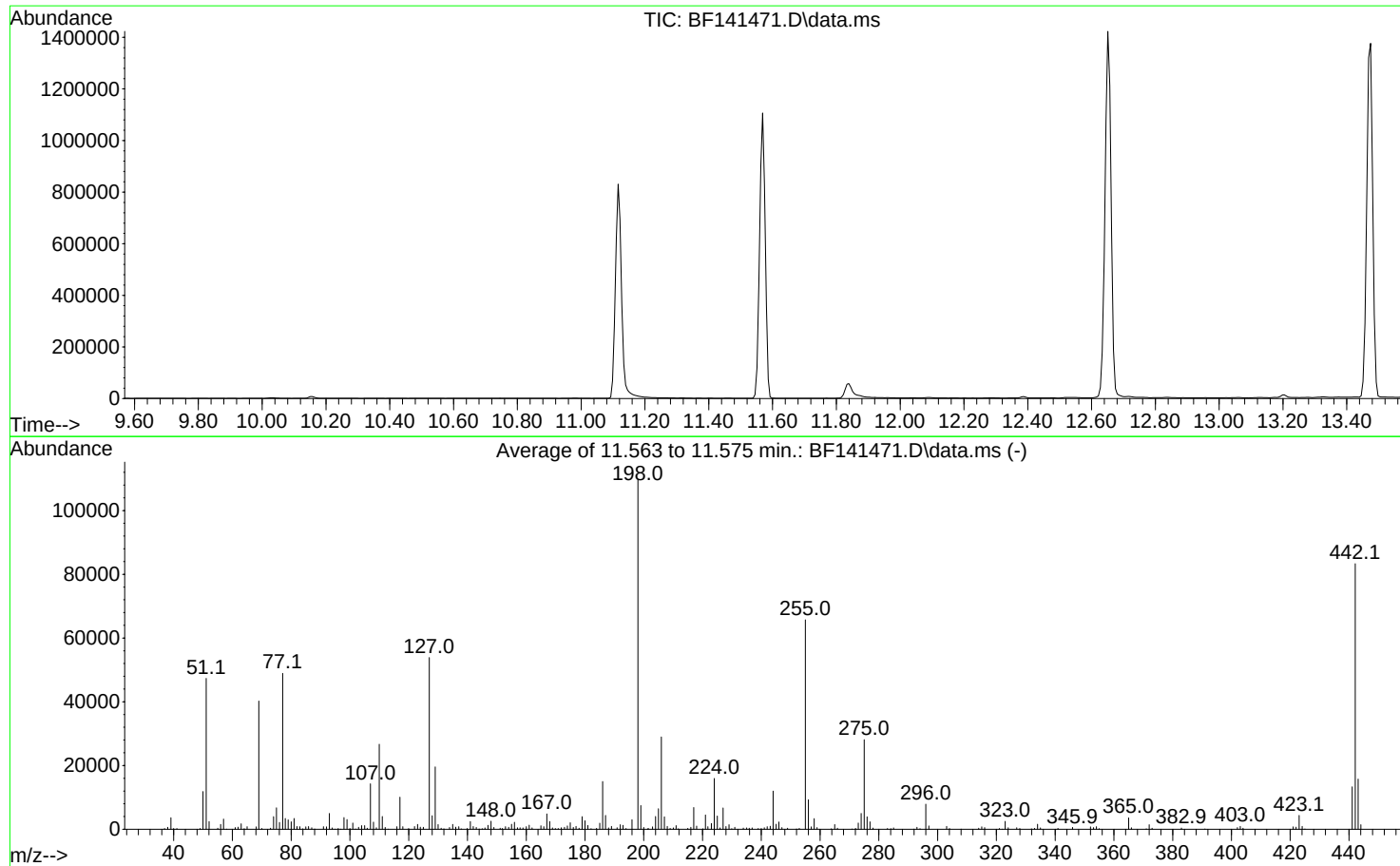
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.37
183.00	11.90	12.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141471.D
Acq On : 06 Feb 2025 10:41
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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	43.2	47360	PASS
68	69	0.00	2	1.9	756	PASS
69	198	0.00	100	36.7	40248	PASS
70	69	0.00	2	0.5	221	PASS
127	198	10	80	49.1	53877	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	109720	PASS
199	198	5	9	6.8	7444	PASS
275	198	10	60	25.6	28133	PASS
365	198	1	100	3.3	3599	PASS
441	198	0.01	100	12.2	13341	PASS
442	442	50	100	100.0	83323	PASS
443	442	15	24	18.9	15754	PASS

DDT Breakdown

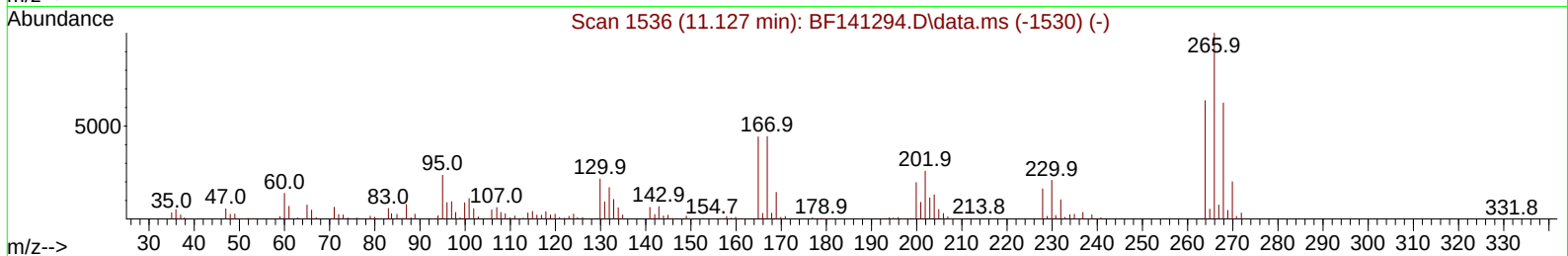
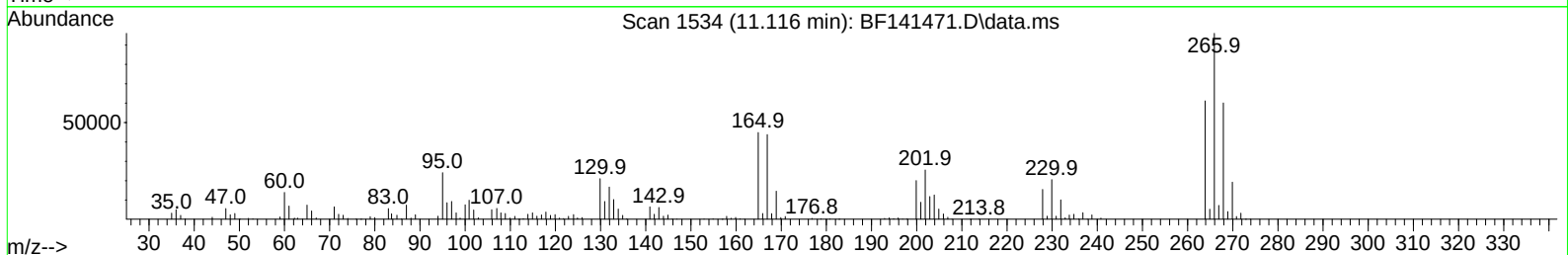
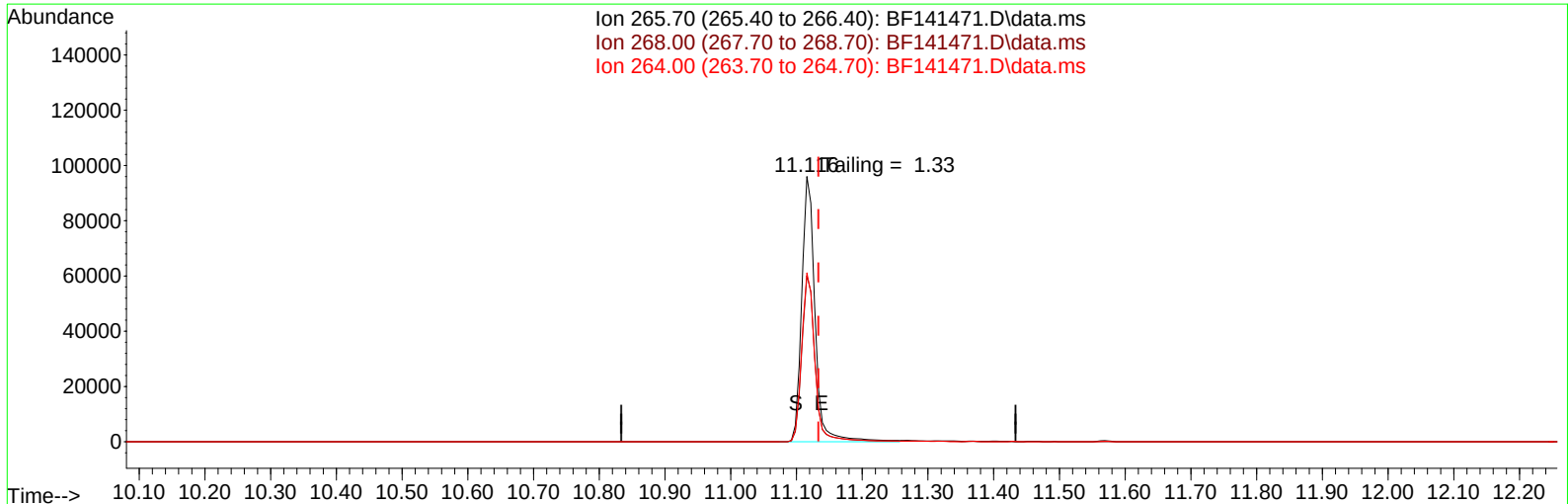
Date	Instrument Name	DFTPP Data File
2/6/2025	BNA_F	<u>BF141471.D</u>
Compound Name	Response	Retention Time
DDT	348871	13.475
DDD	6398	13.204
DDE	521	12.839
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6919	355790	1.94

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141471.D
Acq On : 06 Feb 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 06 13:09:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 13:08:53 2025
Response via : Initial Calibration



TIC: BF141471.D\data.ms

(70) Pentachlorophenol (C)

11.116min (-0.018) 32915.33 ng

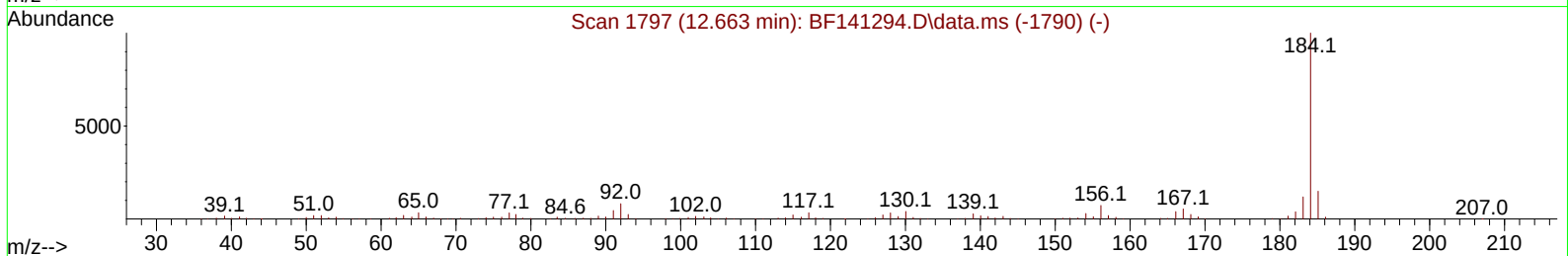
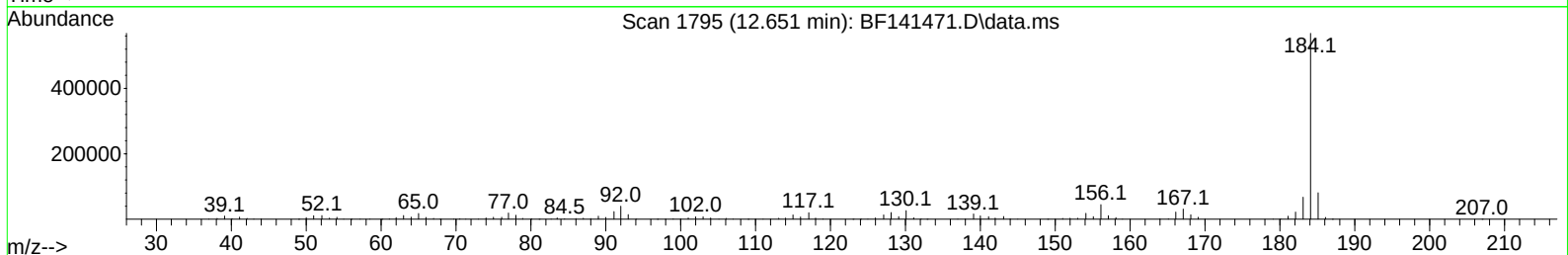
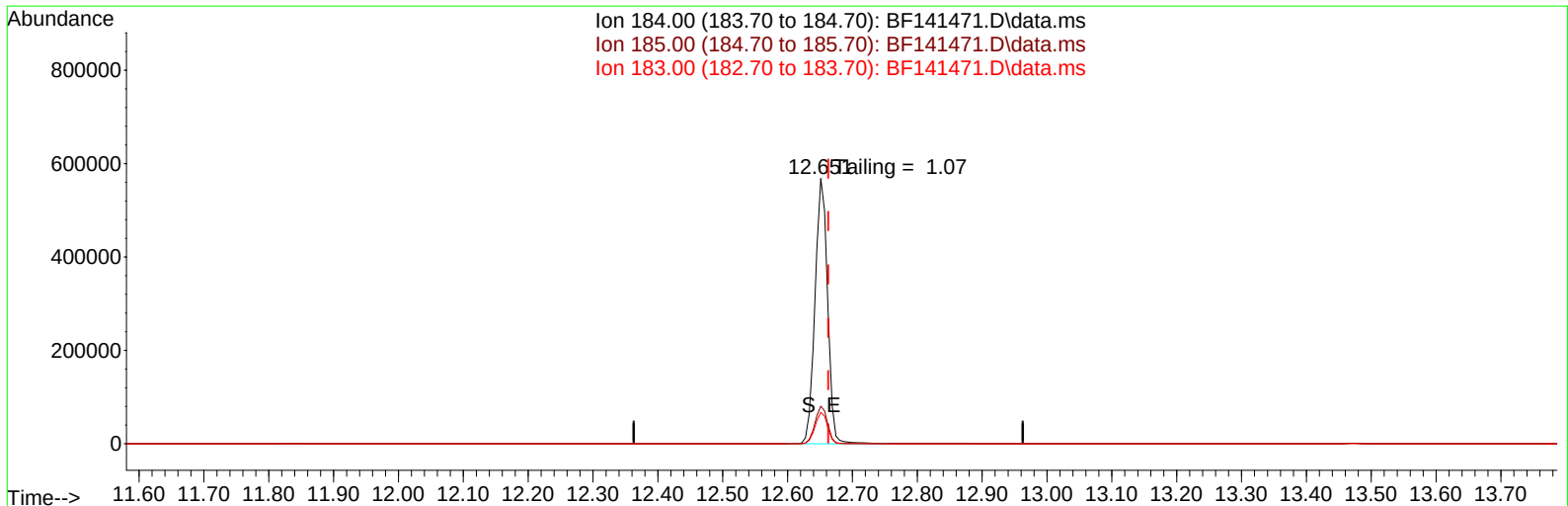
response 135048

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.40	62.59
264.00	63.70	63.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141471.D
Acq On : 06 Feb 2025 10:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 06 13:09:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 13:08:53 2025
Response via : Initial Calibration



TIC: BF141471.D\data.ms

(77) Benzidine

12.651min (-0.012) 0.00 ng

response 764582

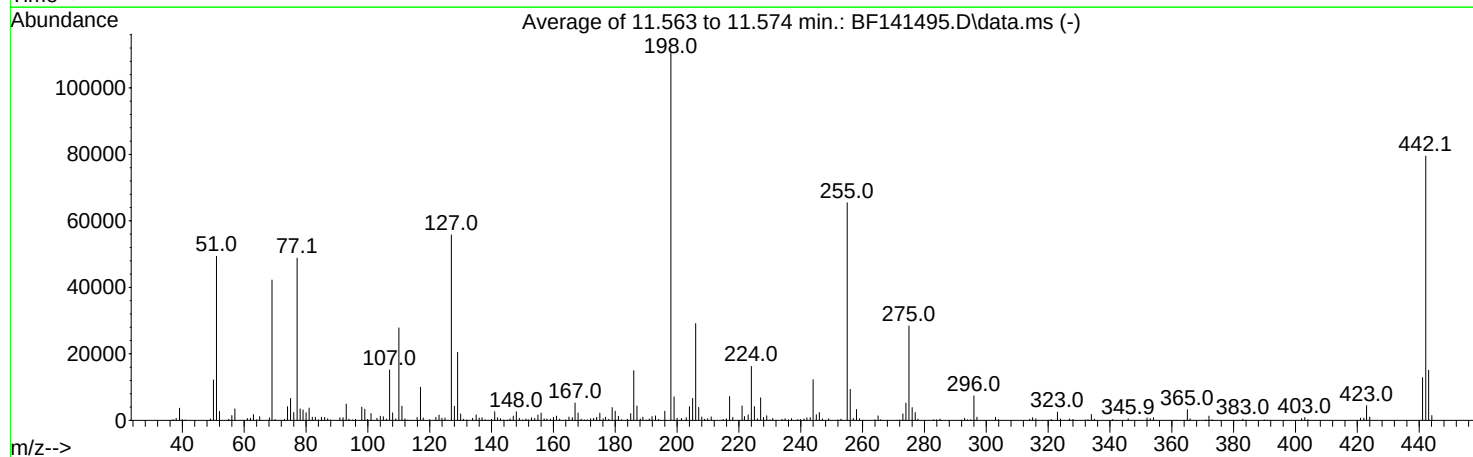
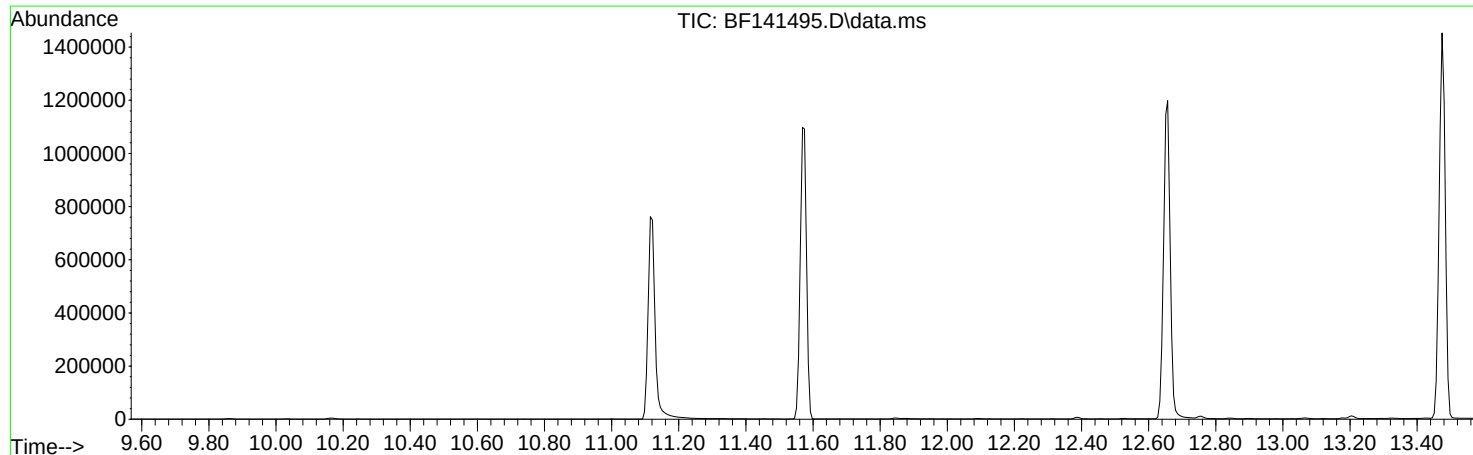
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.21
183.00	11.90	11.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141495.D
Acq On : 07 Feb 2025 09:28
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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 16:58:59 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	44.6	49336	PASS
68	69	0.00	2	1.9	790	PASS
69	198	0.00	100	38.1	42197	PASS
70	69	0.00	2	0.6	242	PASS
127	198	10	80	50.4	55765	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	110645	PASS
199	198	5	9	6.4	7093	PASS
275	198	10	60	25.6	28376	PASS
365	198	1	100	2.9	3250	PASS
441	198	0.01	100	11.6	12847	PASS
442	442	50	100	100.0	79493	PASS
443	442	15	24	19.0	15087	PASS

DDT Breakdown

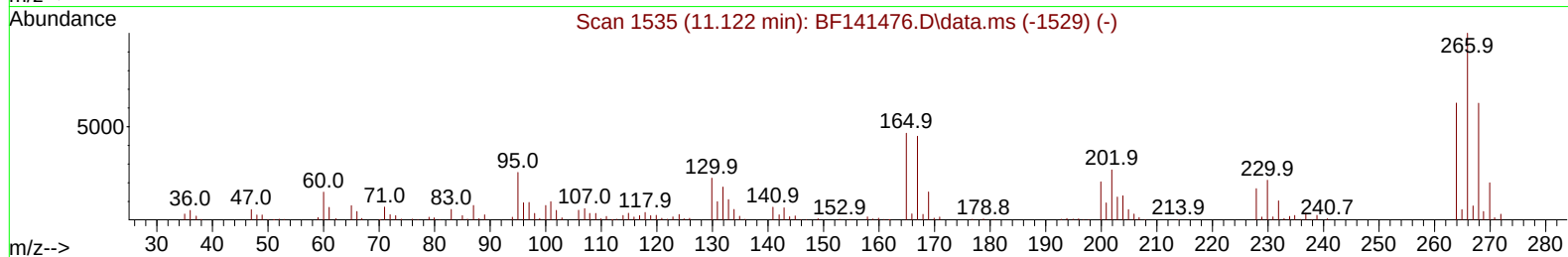
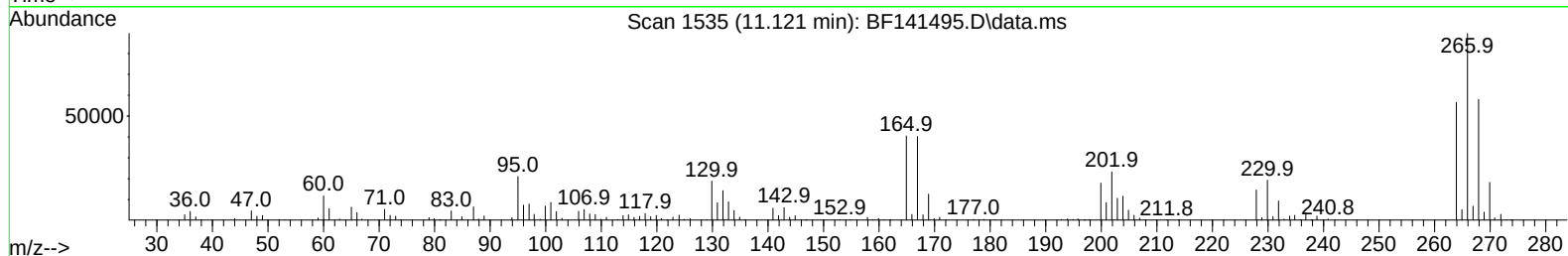
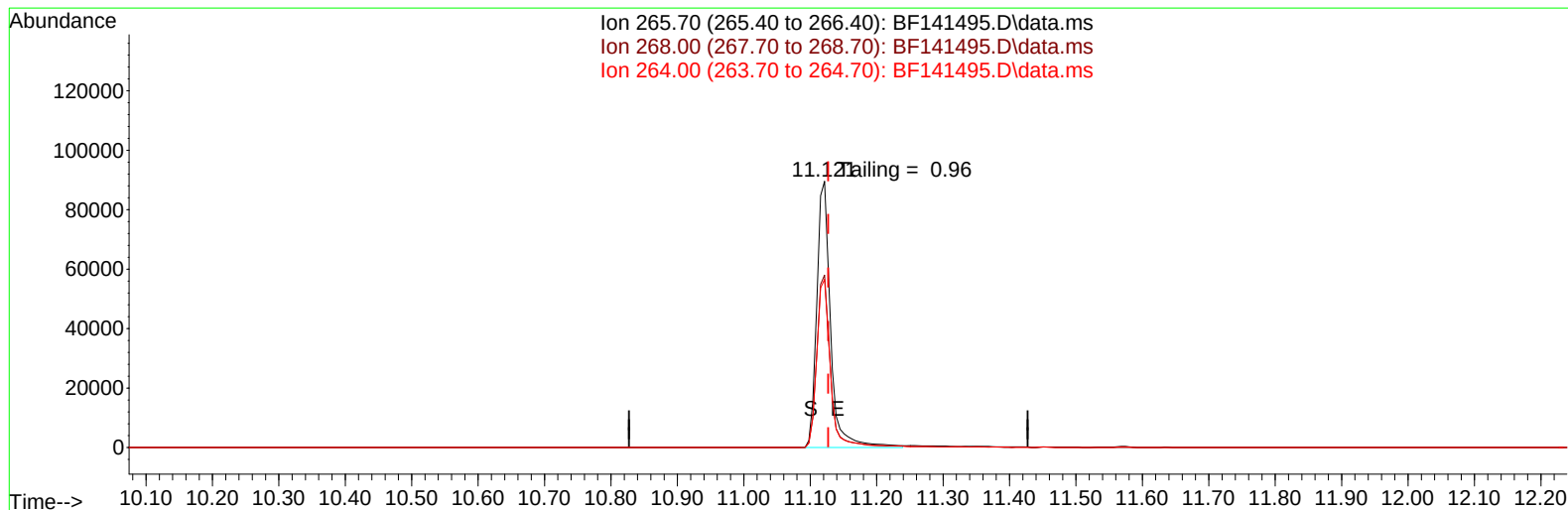
Date	Instrument Name	DFTPP Data File
2/7/2025	BNA_F	<u>BF141495.D</u>
Compound Name	Response	Retention Time
DDT	358775	13.474
DDD	5510	13.204
DDE	1622	12.657
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7132	365907	1.95

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141495.D
Acq On : 07 Feb 2025 09:28
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 07 10:34:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141495.D\data.ms

(70) Pentachlorophenol (C)

11.121min (-0.006) 48103.02 ng

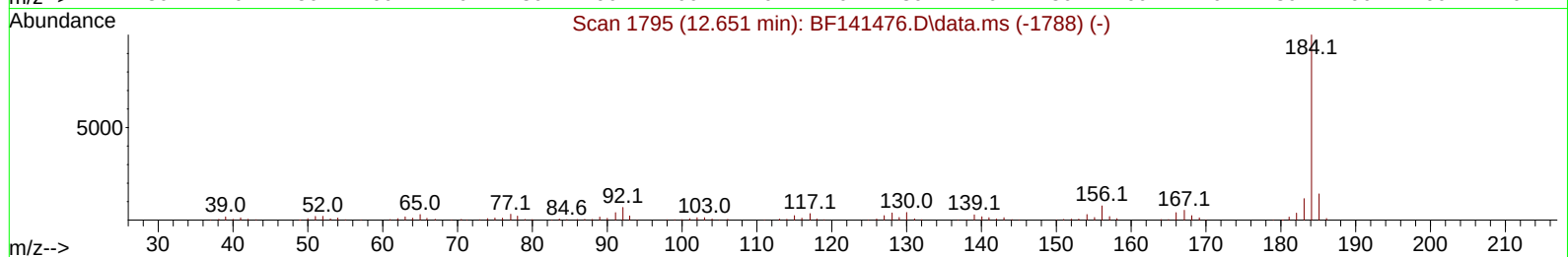
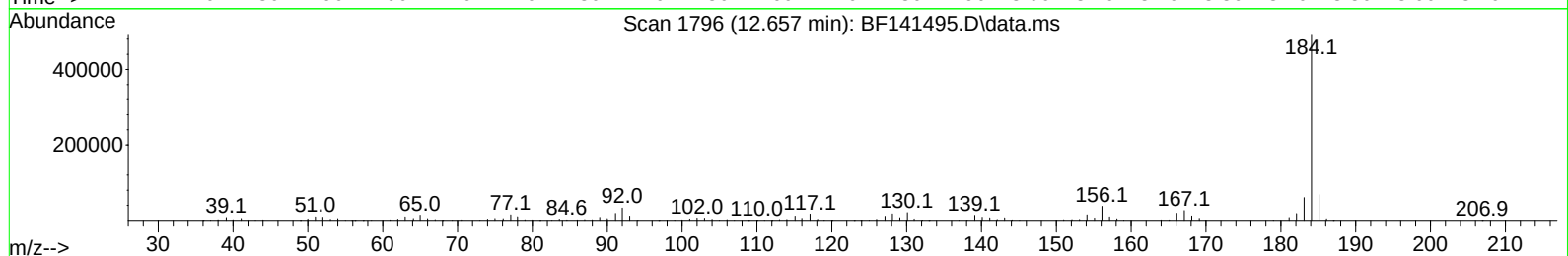
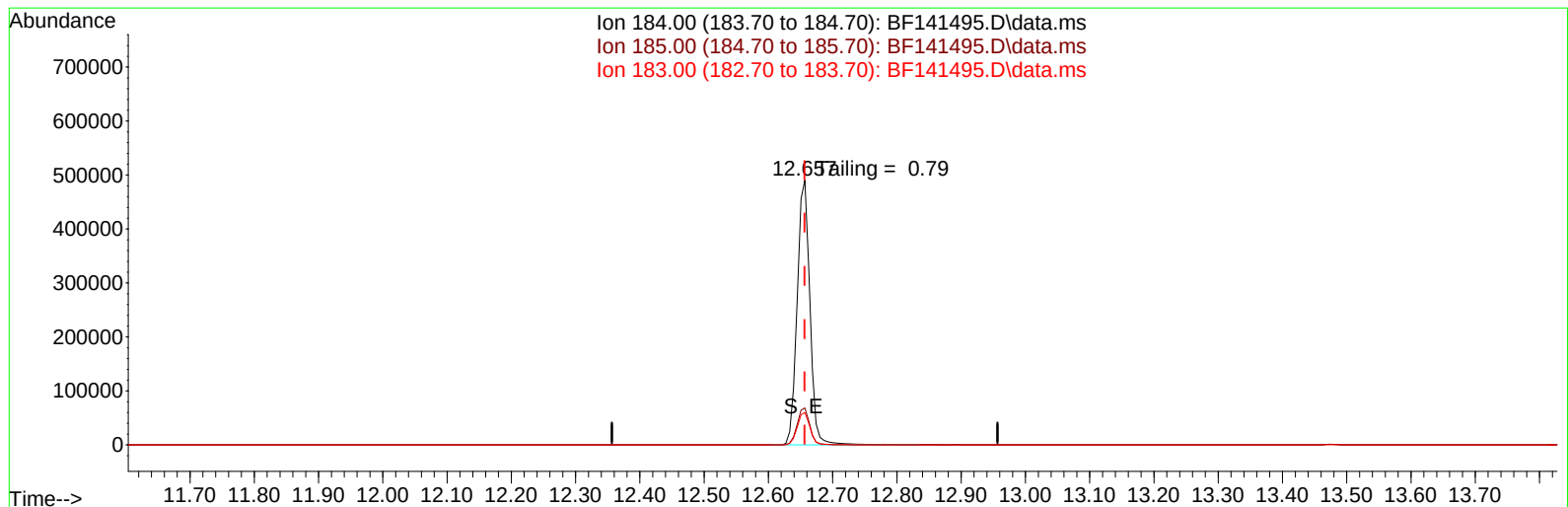
response 130265

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.60	64.78
264.00	62.60	63.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141495.D
Acq On : 07 Feb 2025 09:28
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Feb 07 10:34:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



TIC: BF141495.D\data.ms

(77) Benzidine

12.657min (-0.000) 202039.83 ng

response 677290

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	13.96
183.00	11.60	12.26
0.00	0.00	0.00

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB166567BL	SDG No.:	Q1282
Lab Sample ID:	PB166567BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141499.D	1	02/05/25 09:02	02/07/25 11:13	PB166567

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	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
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	127		15 (10) - 110 (134)	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.1		30 (49) - 130 (133)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.2		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	79.3		30 (48) - 130 (125)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	87300	6.787			
1146-65-2	Naphthalene-d8	356000	8.069			
15067-26-2	Acenaphthene-d10	201000	9.822			
1517-22-2	Phenanthrene-d10	361000	11.31			
1719-03-5	Chrysene-d12	310000	13.951			
1520-96-3	Perylene-d12	270000	15.404			

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\BF020725\
Data File : BF141499.D
Acq On : 07 Feb 2025 11:13
Operator : RC/JU
Sample : PB166567BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166567BL

Quant Time: Feb 07 11:47:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	87260	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	356234	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	200585	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	360982	20.000	ng	0.00
76) Chrysene-d12	13.951	240	310105	20.000	ng	-0.01
86) Perylene-d12	15.404	264	269507	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	715460	128.542	ng	0.00
7) Phenol-d6	6.428	99	895449	127.286	ng	-0.01
23) Nitrobenzene-d5	7.351	82	594642	87.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	260031	129.050	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1148925	88.246	ng	0.00
79) Terphenyl-d14	12.904	244	1457210	79.329	ng	0.00

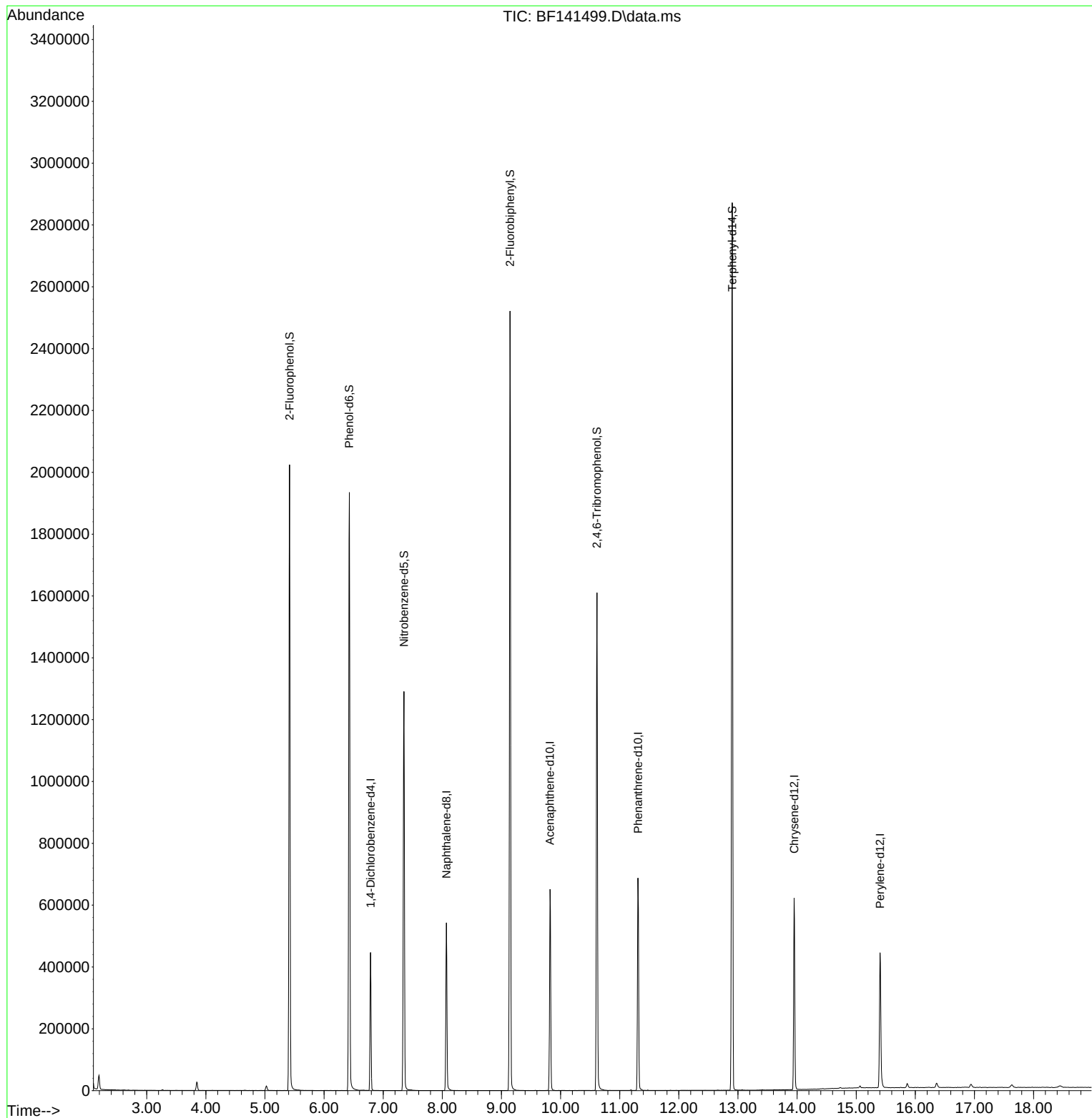
Target Compounds	Qvalue

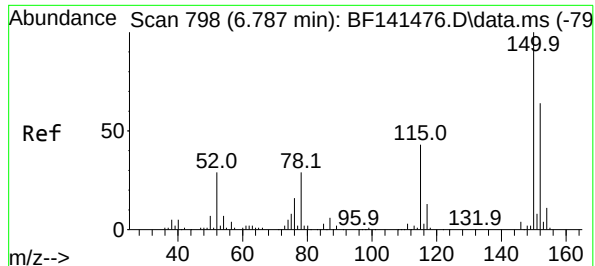
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141499.D
Acq On : 07 Feb 2025 11:13
Operator : RC/JU
Sample : PB166567BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166567BL

Quant Time: Feb 07 11:47:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

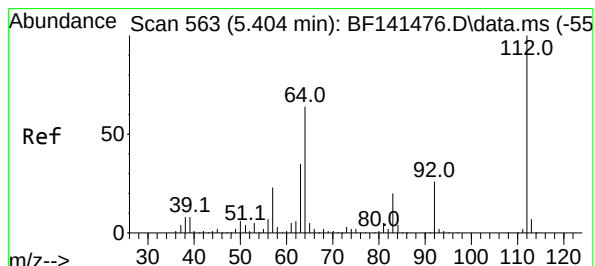
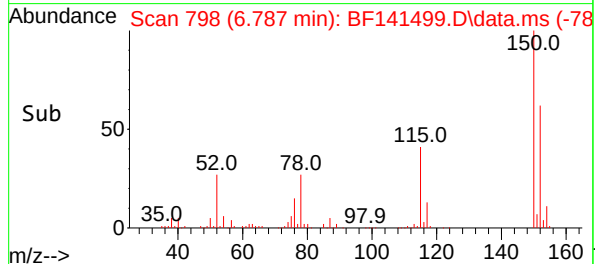
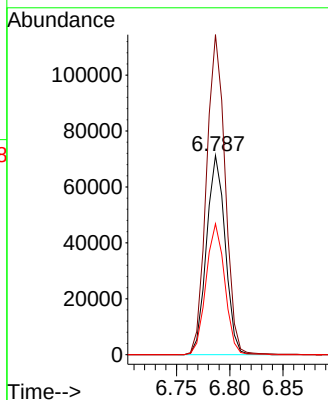
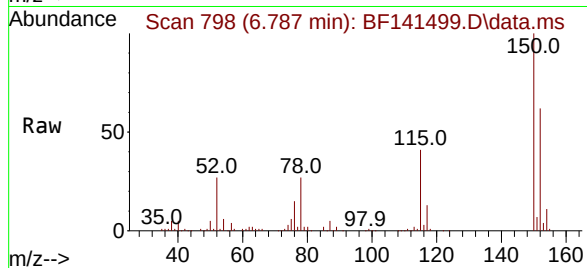




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

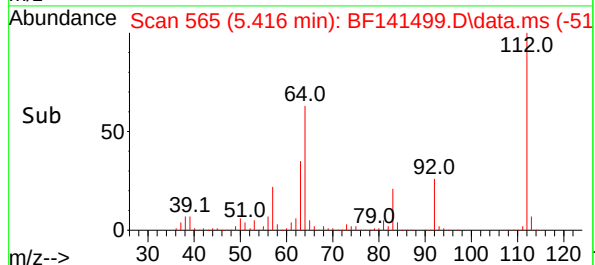
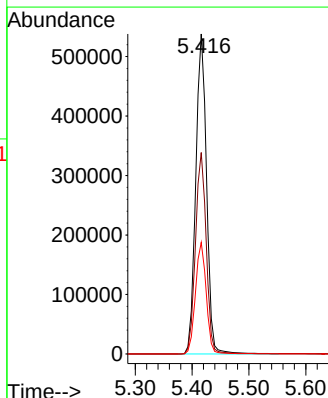
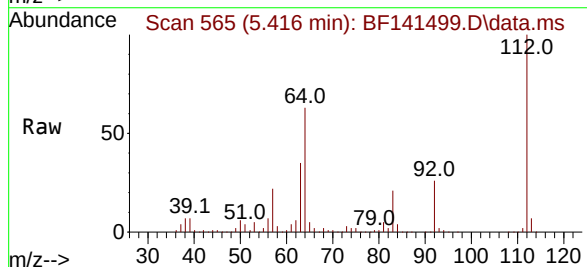
Instrument :
BNA_F
ClientSampleId :
PB166567BL

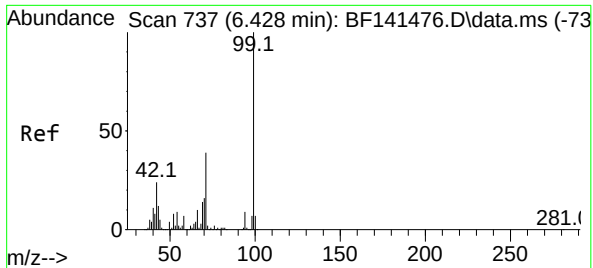
Tgt Ion:152 Resp: 87260
Ion Ratio Lower Upper
152 100
150 160.7 125.0 187.4
115 65.7 53.6 80.4



#5
2-Fluorophenol
Concen: 128.542 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion:112 Resp: 715460
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 34.9 28.4 42.6

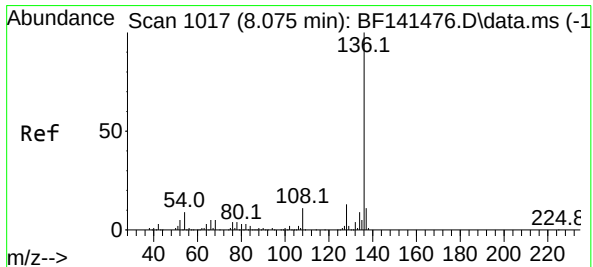
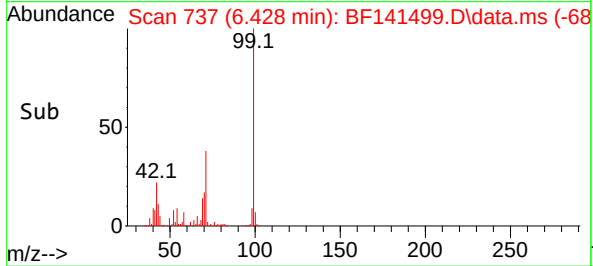
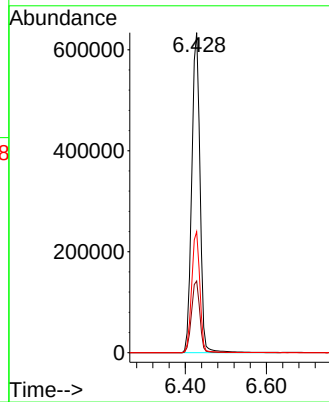
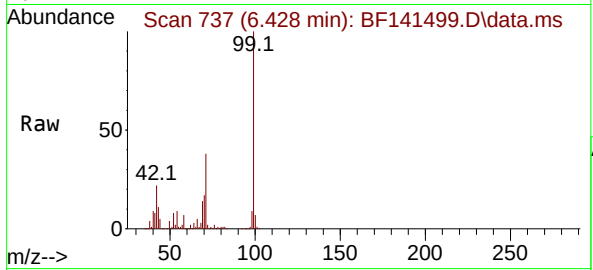




#7
Phenol-d6
Concen: 127.286 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

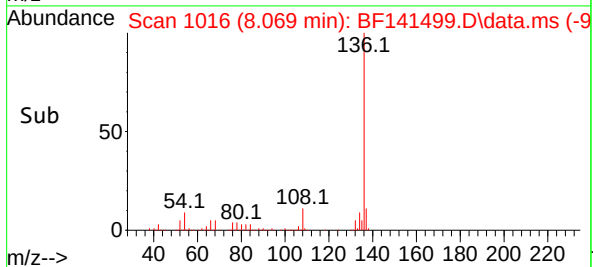
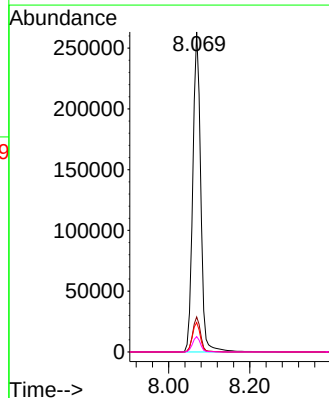
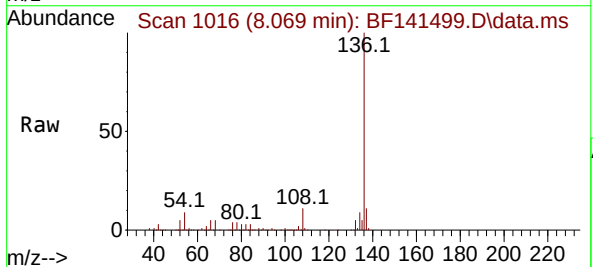
Instrument :
BNA_F
ClientSampleId :
PB166567BL

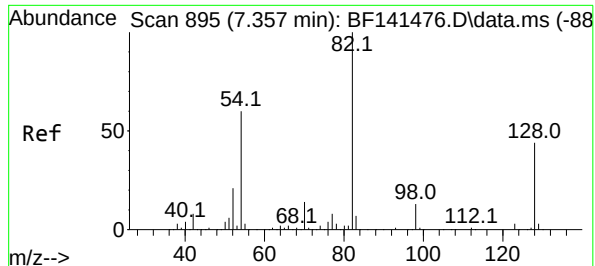
Tgt Ion: 99 Resp: 895449
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion: 136 Resp: 356234
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.065 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141499.D

Acq: 07 Feb 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB166567BL

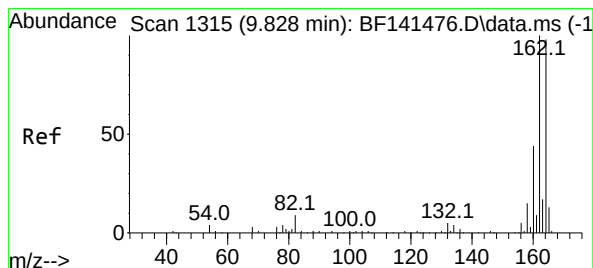
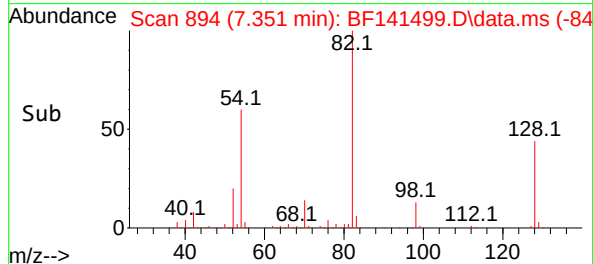
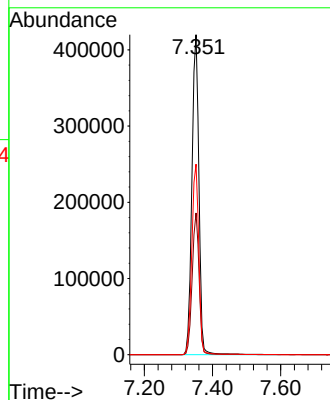
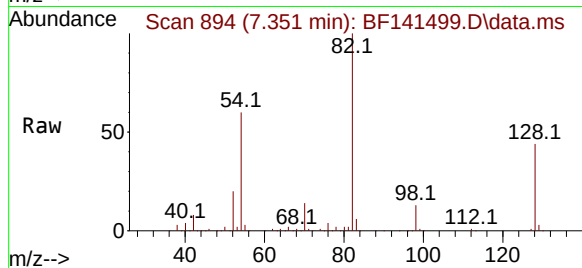
Tgt Ion: 82 Resp: 594642

Ion Ratio Lower Upper

82 100

128 44.3 34.8 52.2

54 59.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141499.D

Acq: 07 Feb 2025 11:13

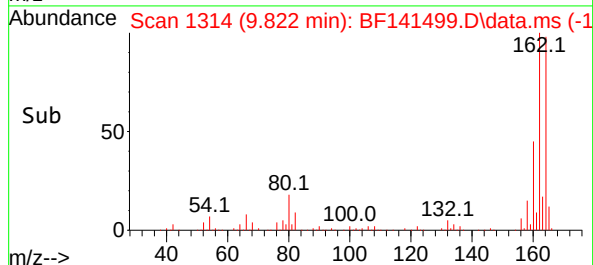
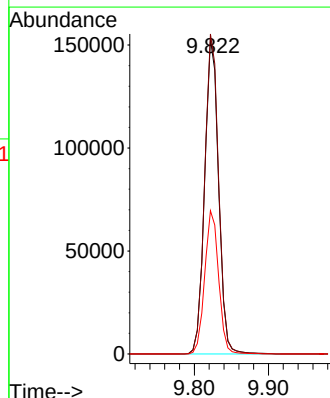
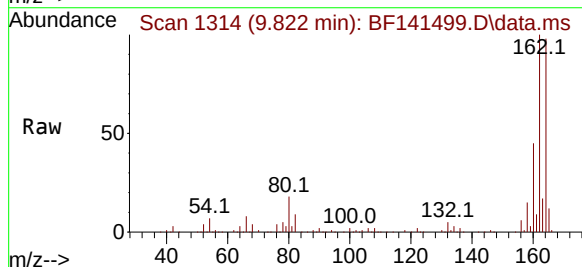
Tgt Ion:164 Resp: 200585

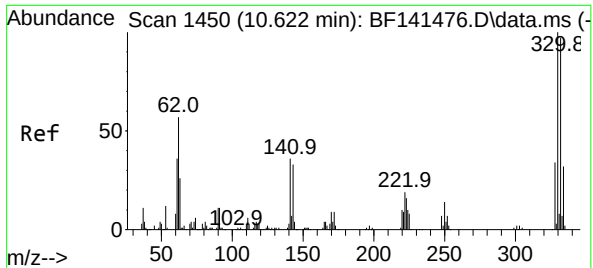
Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.050 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141499.D

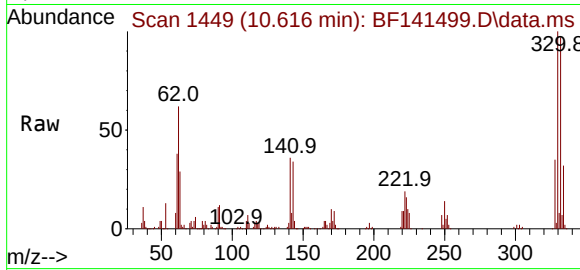
Acq: 07 Feb 2025 11:13

Instrument :

BNA_F

ClientSampleId :

PB166567BL



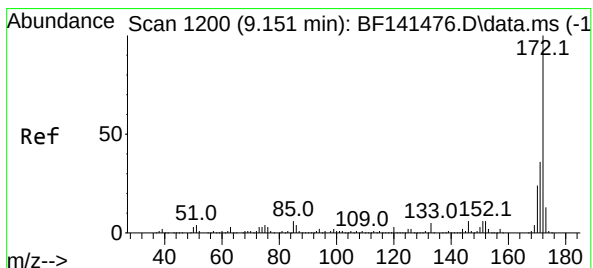
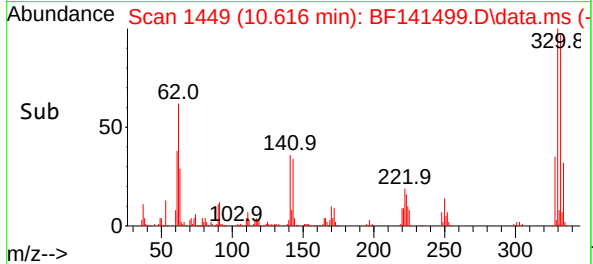
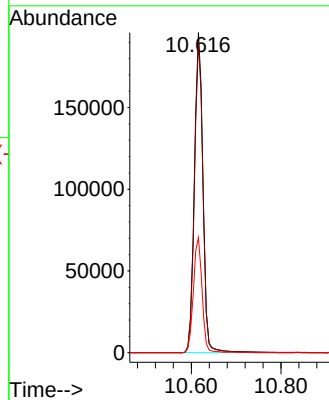
Tgt Ion:330 Resp: 260031

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 36.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 88.246 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141499.D

Acq: 07 Feb 2025 11:13

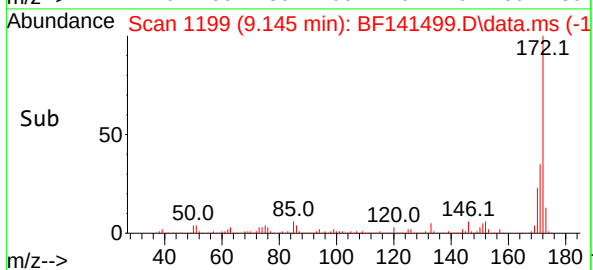
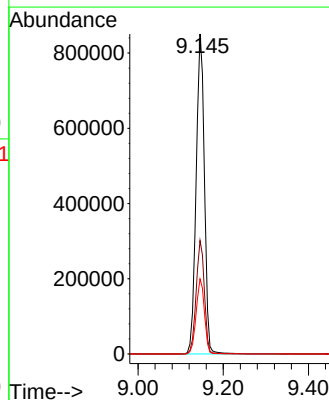
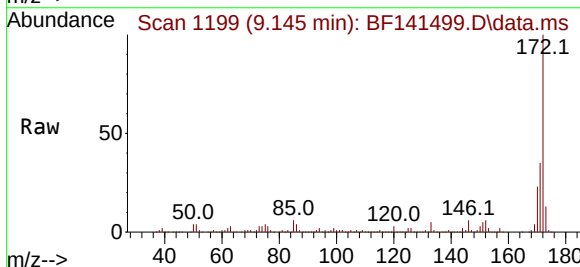
Tgt Ion:172 Resp: 1148925

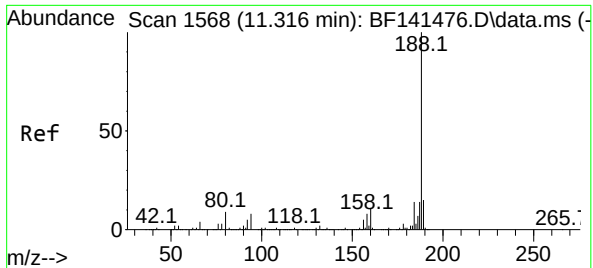
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 18.9 28.3

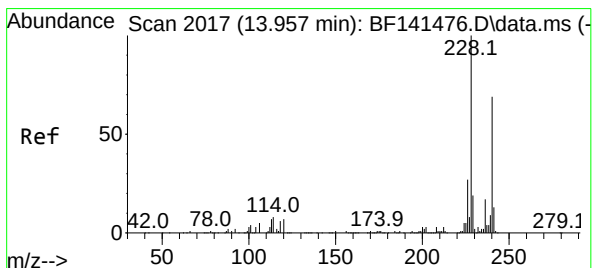
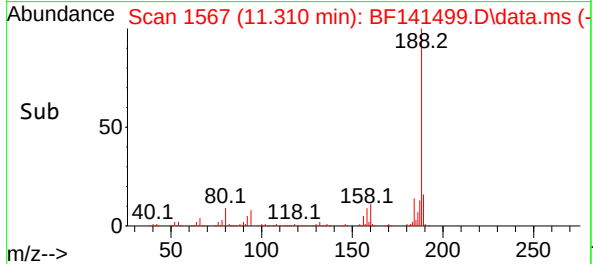
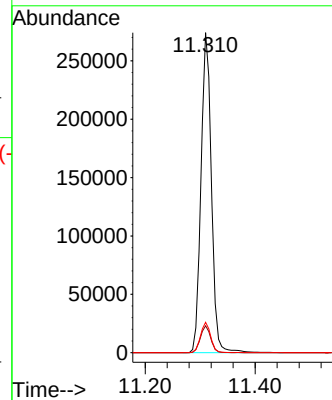
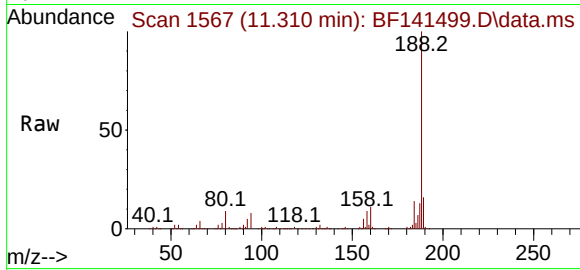




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

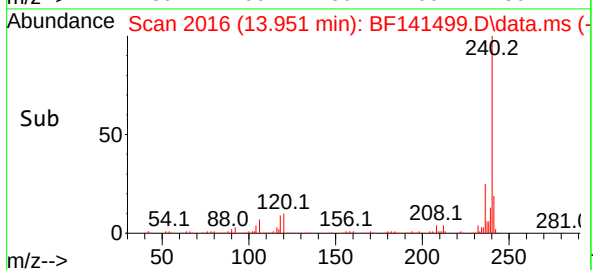
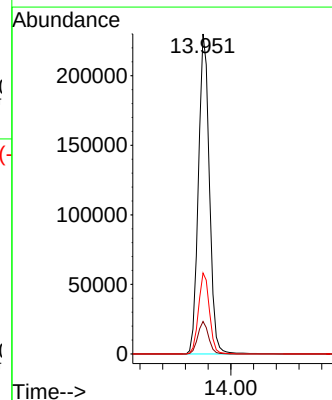
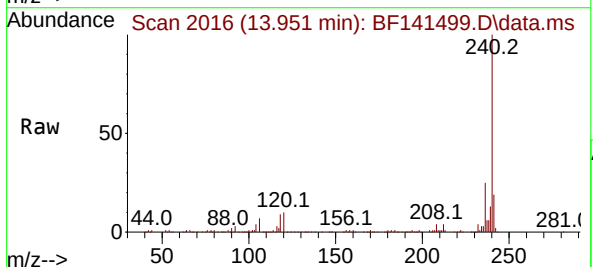
Instrument :
BNA_F
ClientSampleId :
PB166567BL

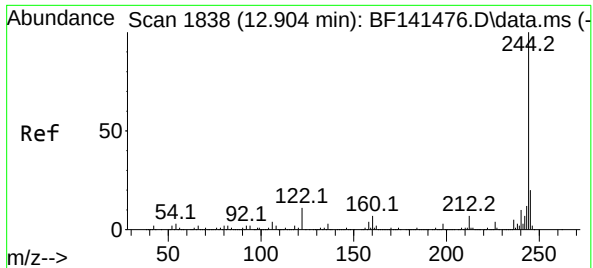
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.5	7.3	10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.0	12.0
236	25.3	19.8	29.8

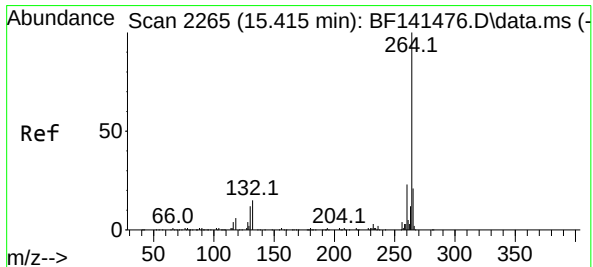
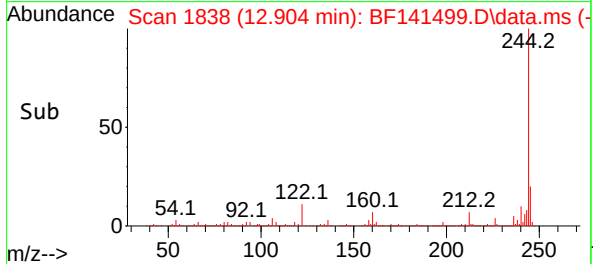
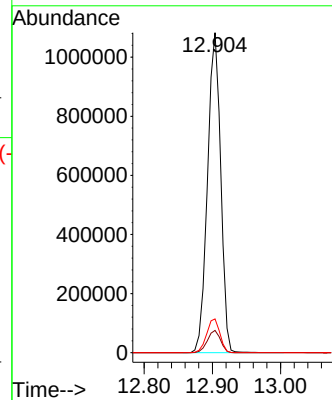
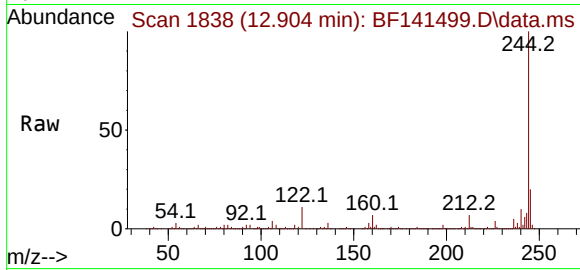




#79
Terphenyl-d14
Concen: 79.329 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

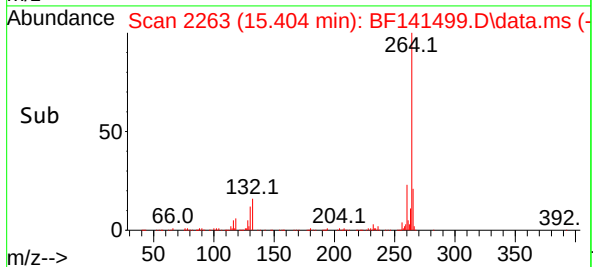
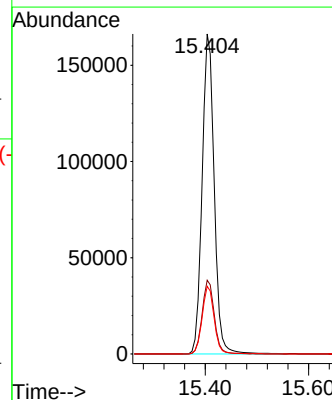
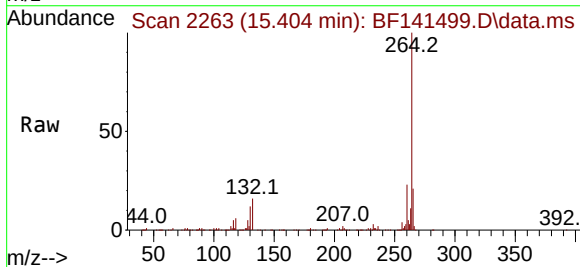
Instrument :
BNA_F
ClientSampleId :
PB166567BL

Tgt Ion:244 Resp: 1457210
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.5 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF141499.D
Acq: 07 Feb 2025 11:13

Tgt Ion:264 Resp: 269507
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.1 17.0 25.4



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB166567BS	SDG No.:	Q1282
Lab Sample ID:	PB166567BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141501.D	1	02/05/25 09:02	02/07/25 12:06	PB166567

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	44.5		0.93	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.8		0.84	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.5		1.10	5.00	ug/L
91-20-3	Naphthalene	43.0		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	138		15 (10) - 110 (139)	92%	SPK: 150
13127-88-3	Phenol-d6	137		15 (10) - 110 (134)	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.5		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.3		30 (52) - 130 (132)	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	100		30 (48) - 130 (125)	100%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	86100	6.787			
1146-65-2	Naphthalene-d8	344000	8.069			
15067-26-2	Acenaphthene-d10	193000	9.828			
1517-22-2	Phenanthrene-d10	335000	11.316			
1719-03-5	Chrysene-d12	240000	13.957			
1520-96-3	Perylene-d12	194000	15.415			

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\BF020725\
 Data File : BF141501.D
 Acq On : 07 Feb 2025 12:06
 Operator : RC/JU
 Sample : PB166567BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BS

Quant Time: Feb 07 12:26:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86138	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	343914	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	192640	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	334566	20.000	ng	0.00
76) Chrysene-d12	13.957	240	239866	20.000	ng	0.00
86) Perylene-d12	15.415	264	194232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	756086	137.610	ng	0.00
7) Phenol-d6	6.434	99	954354	137.427	ng	0.00
23) Nitrobenzene-d5	7.357	82	629673	95.497	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	277538	143.419	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1191186	95.265	ng	0.00
79) Terphenyl-d14	12.904	244	1422177	100.093	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	92985	42.049	ng	99
3) Pyridine	3.310	79	217206	41.276	ng	99
4) n-Nitrosodimethylamine	3.257	42	151378	43.445	ng	99
6) Aniline	6.451	93	261367	40.122	ng	96
8) 2-Chlorophenol	6.575	128	266942	44.963	ng	98
9) Benzaldehyde	6.340	77	173590	47.040	ng	99
10) Phenol	6.445	94	321598	44.494	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	239612	44.136	ng	100
12) 1,3-Dichlorobenzene	6.728	146	272496	43.476	ng	98
13) 1,4-Dichlorobenzene	6.804	146	274288	42.832	ng	99
14) 1,2-Dichlorobenzene	6.957	146	264866	44.564	ng	99
15) Benzyl Alcohol	6.934	79	234884	44.107	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	404150	43.489	ng	85
17) 2-Methylphenol	7.051	107	213488	45.951	ng	98
18) Hexachloroethane	7.298	117	106033	44.740	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	183336	44.136	ng	99
20) 3+4-Methylphenols	7.204	107	270000	45.729	ng	98
22) Acetophenone	7.198	105	405607	47.411	ng	99
24) Nitrobenzene	7.375	77	279696	43.501	ng	99
25) Isophorone	7.610	82	500262	47.583	ng	100
26) 2-Nitrophenol	7.687	139	143094	44.733	ng	98
27) 2,4-Dimethylphenol	7.728	122	213123	57.031	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	300354	44.584	ng	100
29) 2,4-Dichlorophenol	7.934	162	225239	44.609	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	239119	43.489	ng	98
31) Naphthalene	8.092	128	768890	42.950	ng	100
32) Benzoic acid	7.863	122	186956	48.164	ng	99
33) 4-Chloroaniline	8.145	127	137022	21.923	ng	97
34) Hexachlorobutadiene	8.210	225	147047	44.548	ng	100
35) Caprolactam	8.516	113	79109m	51.459	ng	
36) 4-Chloro-3-methylphenol	8.634	107	252491	45.144	ng	99
37) 2-Methylnaphthalene	8.787	142	487319	41.832	ng	100
38) 1-Methylnaphthalene	8.886	142	479970	42.540	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	262644	47.125	ng	98
41) Hexachlorocyclopentadiene	8.939	237	294545	158.893	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	161585	44.858	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141501.D
 Acq On : 07 Feb 2025 12:06
 Operator : RC/JU
 Sample : PB166567BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BS

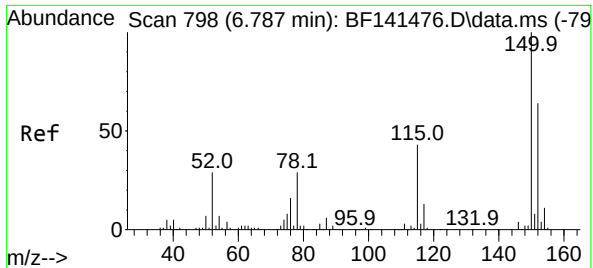
Quant Time: Feb 07 12:26:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	172849	44.277	ng	99
46) 1,1'-Biphenyl	9.251	154	715696	47.921	ng	100
47) 2-Chloronaphthalene	9.275	162	488223	44.207	ng	99
48) 2-Nitroaniline	9.375	65	166466	44.913	ng	97
49) Acenaphthylene	9.686	152	751683	45.760	ng	99
50) Dimethylphthalate	9.551	163	579221	44.290	ng	100
51) 2,6-Dinitrotoluene	9.616	165	128500	44.947	ng	99
52) Acenaphthene	9.863	154	472791	42.812	ng	99
53) 3-Nitroaniline	9.786	138	79210	25.742	ng	100
54) 2,4-Dinitrophenol	9.898	184	165771	97.563	ng	94
55) Dibenzofuran	10.033	168	685543	42.292	ng	100
56) 4-Nitrophenol	9.963	139	220768	96.650	ng	98
57) 2,4-Dinitrotoluene	10.022	165	177550	46.651	ng	99
58) Fluorene	10.375	166	546564	43.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148475	44.176	ng	98
60) Diethylphthalate	10.251	149	562496	43.716	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	263390	43.682	ng	99
62) 4-Nitroaniline	10.404	138	132859	42.522	ng	98
63) Azobenzene	10.528	77	549166	42.932	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	104411	44.926	ng	93
66) n-Nitrosodiphenylamine	10.492	169	481543	44.963	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	166489	44.525	ng	96
68) Hexachlorobenzene	10.922	284	175664	45.623	ng	97
69) Atrazine	11.022	200	181900	56.615	ng	99
70) Pentachlorophenol	11.122	266	221721	90.057	ng	99
71) Phenanthrene	11.339	178	822042	44.636	ng	100
72) Anthracene	11.392	178	845599	45.676	ng	99
73) Carbazole	11.545	167	748904	44.958	ng	100
74) Di-n-butylphthalate	11.880	149	862929	44.864	ng	100
75) Fluoranthene	12.527	202	872480	44.685	ng	100
77) Benzidine	12.651	184	375680	71.016	ng	99
78) Pyrene	12.757	202	897451	43.952	ng	100
80) Butylbenzylphthalate	13.380	149	347546	49.140	ng	99
81) Benzo(a)anthracene	13.945	228	730557	45.818	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	148747	32.567	ng	100
83) Chrysene	13.986	228	633579	43.035	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	423571	53.101	ng	99
85) Di-n-octyl phthalate	14.563	149	588899	51.751	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	545937	45.489	ng	99
88) Benzo(b)fluoranthene	14.992	252	574722	44.068	ng	99
89) Benzo(k)fluoranthene	15.021	252	500225	44.918	ng	99
90) Benzo(a)pyrene	15.351	252	498225	47.212	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	438007	45.041	ng	99
92) Benzo(g,h,i)perylene	17.292	276	421766	41.446	ng	99

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

Instrument :
BNA_F
ClientSampleId :
PB166567BS

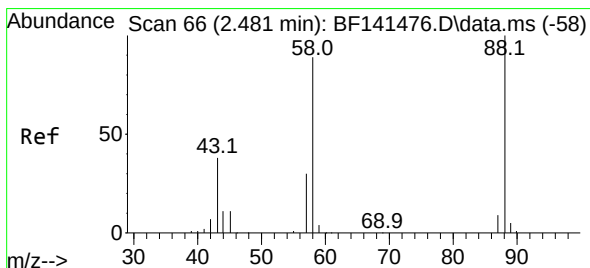
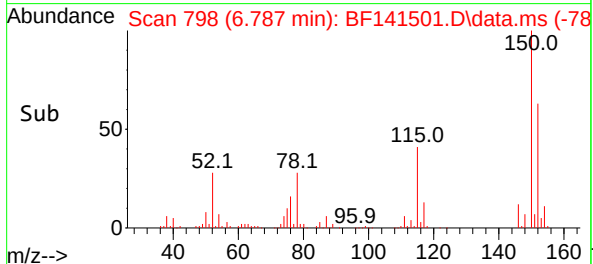
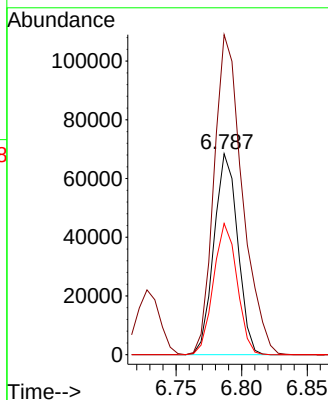
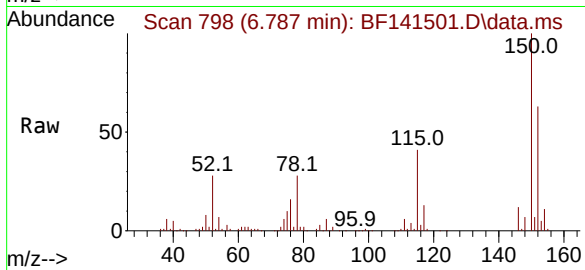
[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141501.D
 Acq: 07 Feb 2025 12:06

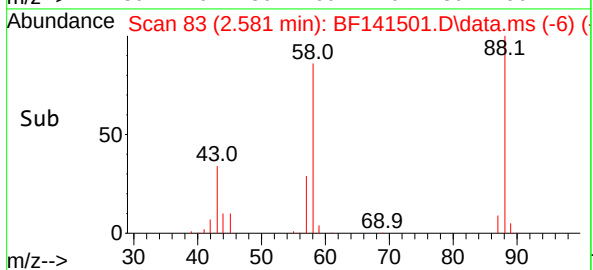
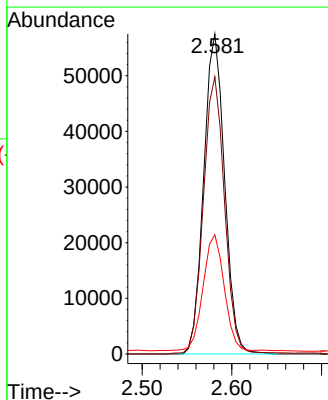
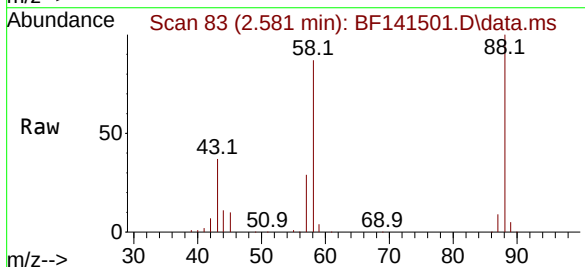
Instrument :
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 ClientSampleId :
 PB166567BS

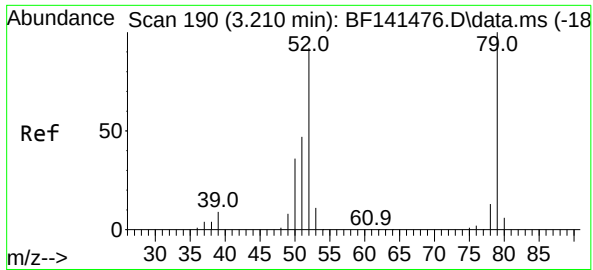
Tgt Ion:152 Resp: 86138
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.0 187.4
 115 65.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.049 ng
 RT: 2.581 min Scan# 83
 Delta R.T. 0.100 min
 Lab File: BF141501.D
 Acq: 07 Feb 2025 12:06

Tgt Ion: 88 Resp: 92985
 Ion Ratio Lower Upper
 88 100
 58 88.3 71.1 106.7
 43 36.8 30.6 46.0

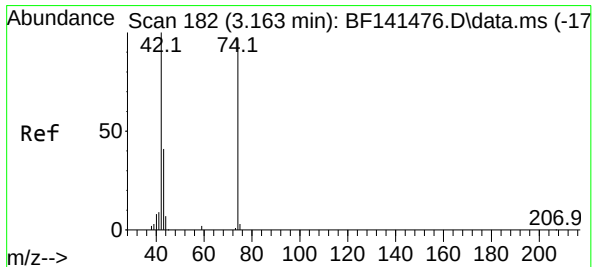
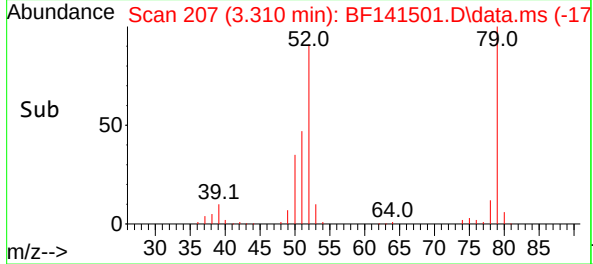
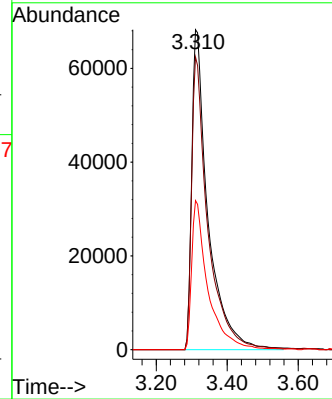
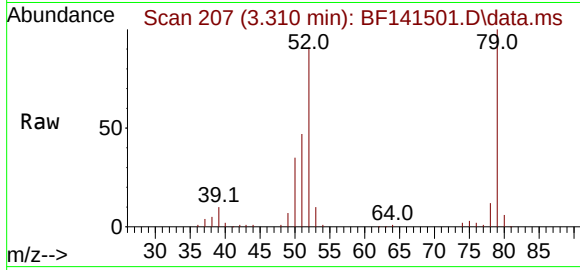




#3
Pyridine
Concen: 41.276 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

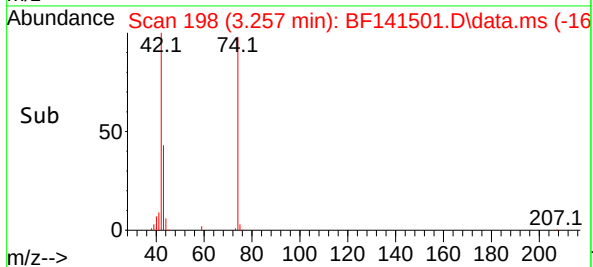
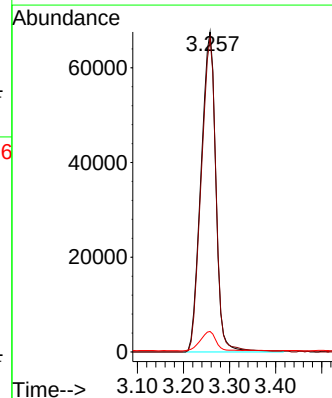
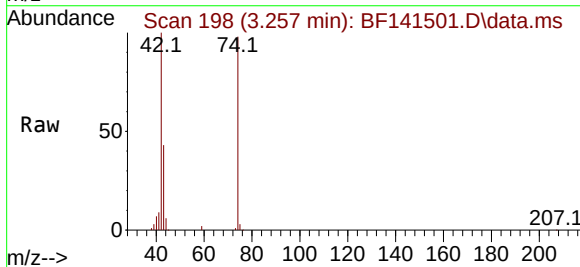
Instrument :
BNA_F
ClientSampleId :
PB166567BS

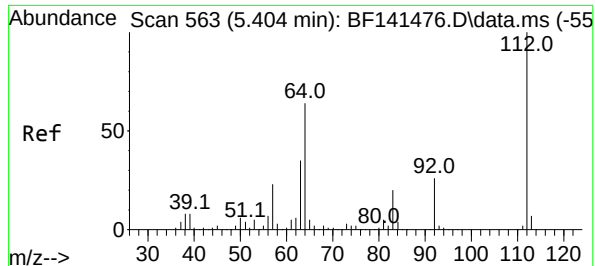
Tgt Ion: 79 Resp: 217206
Ion Ratio Lower Upper
79 100
52 91.5 73.7 110.5
51 46.6 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 43.445 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion: 42 Resp: 151378
Ion Ratio Lower Upper
42 100
74 98.0 78.0 117.0
44 6.4 5.4 8.2

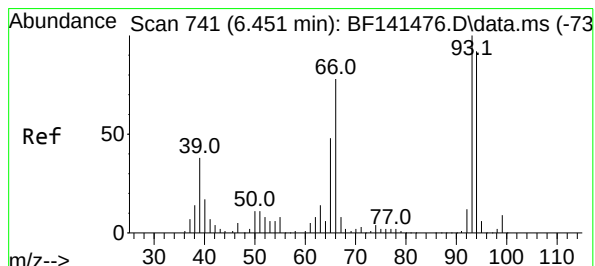
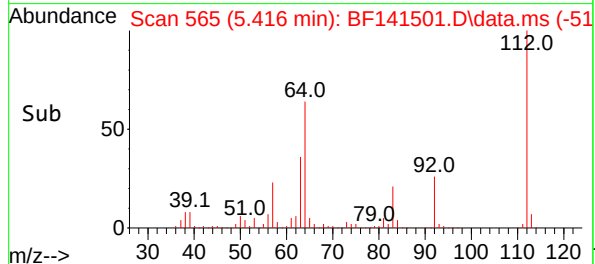
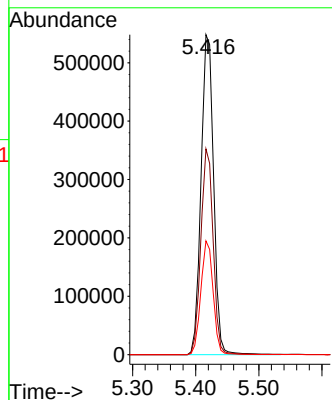
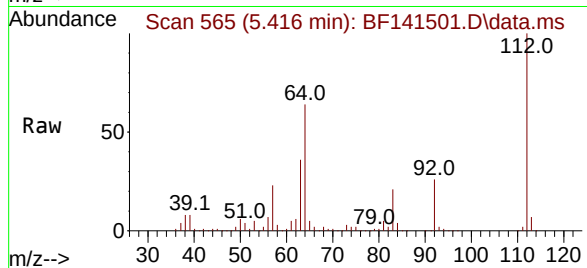




#5
2-Fluorophenol
Concen: 137.610 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

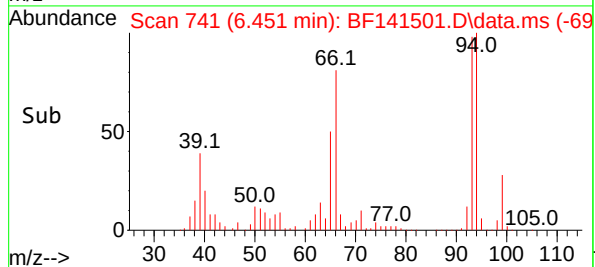
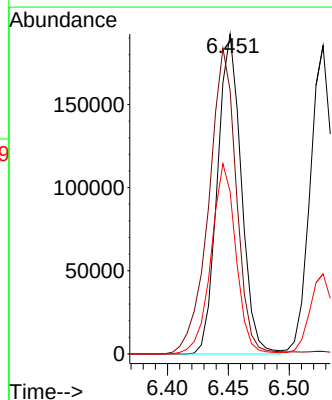
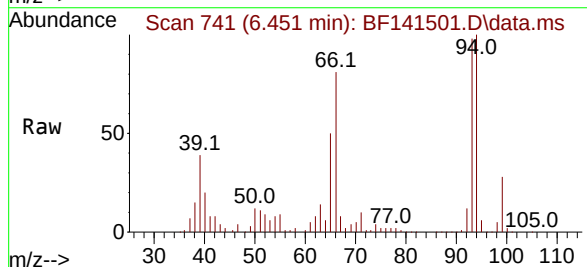
Instrument :
BNA_F
ClientSampleId :
PB166567BS

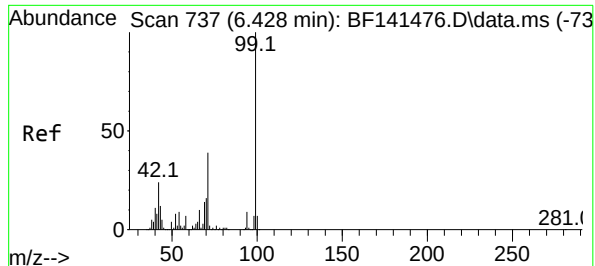
Tgt Ion:112 Resp: 756086
Ion Ratio Lower Upper
112 100
64 64.3 51.1 76.7
63 35.5 28.4 42.6



#6
Aniline
Concen: 40.122 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion: 93 Resp: 261367
Ion Ratio Lower Upper
93 100
66 82.4 62.6 94.0
65 50.7 38.3 57.5

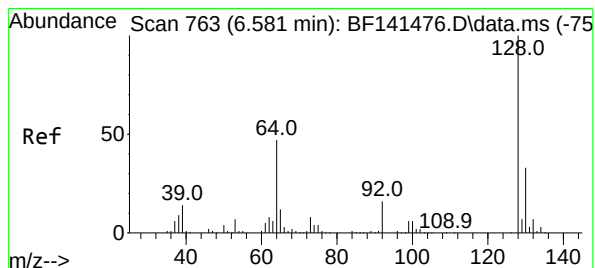
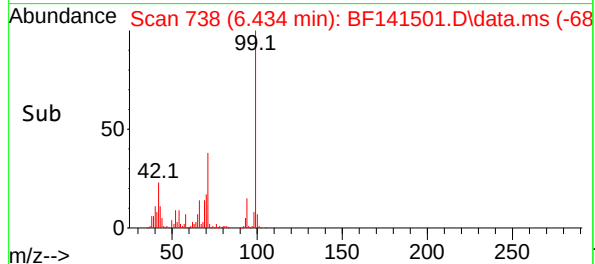
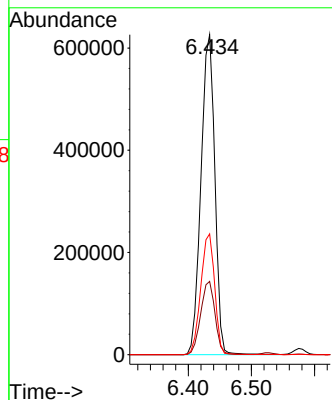
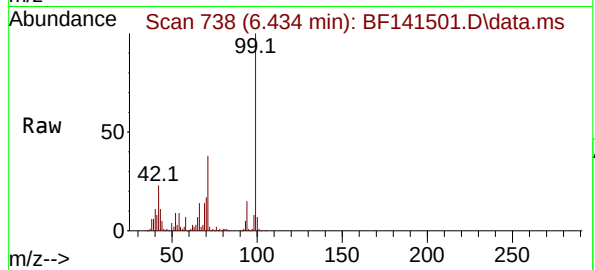




#7
Phenol-d6
Concen: 137.427 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

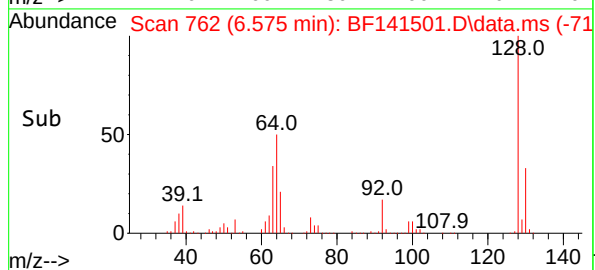
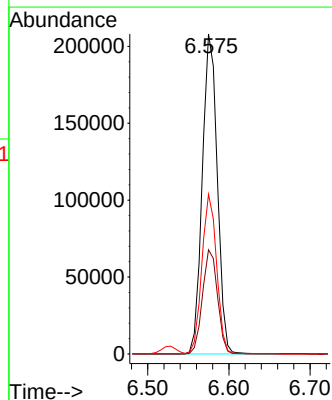
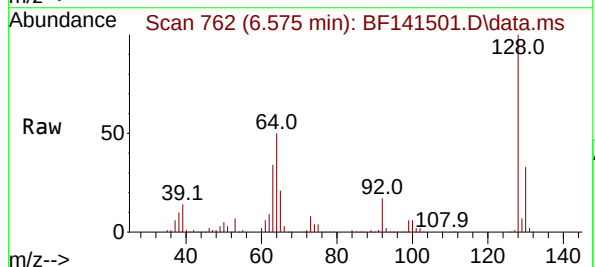
Instrument :
BNA_F
ClientSampleId :
PB166567BS

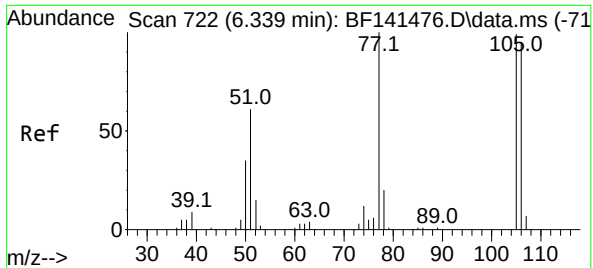
Tgt Ion: 99 Resp: 954354
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 37.7 31.1 46.7



#8
2-Chlorophenol
Concen: 44.963 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:128 Resp: 266942
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 49.9 28.3 68.3

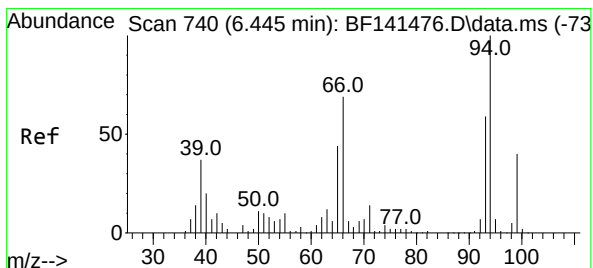
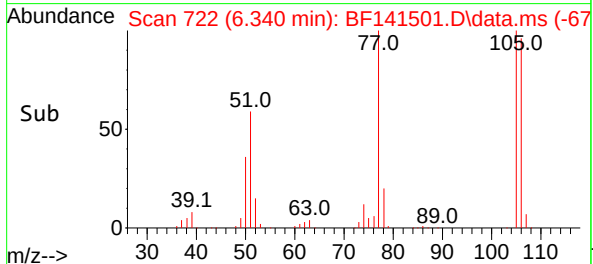
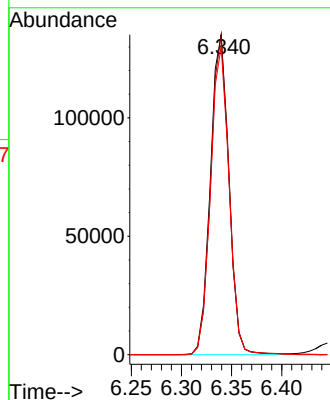
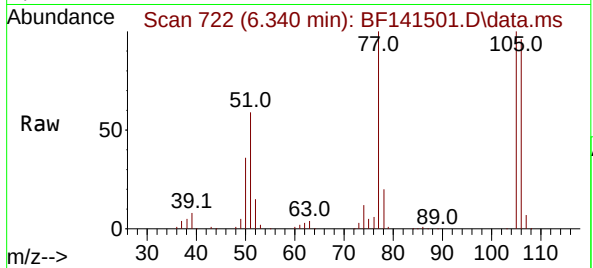




#9
Benzaldehyde
Concen: 47.040 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

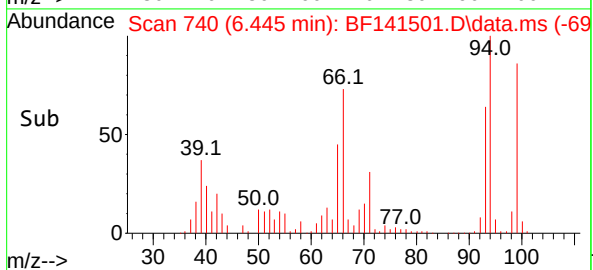
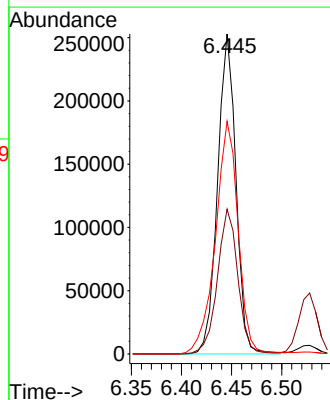
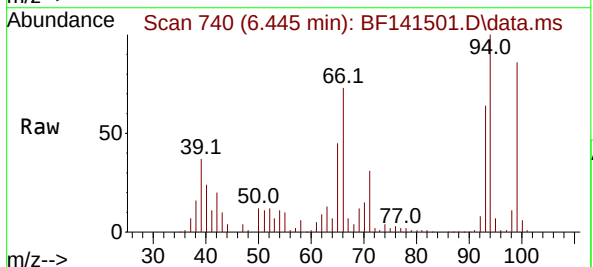
Instrument :
BNA_F
ClientSampleId :
PB166567BS

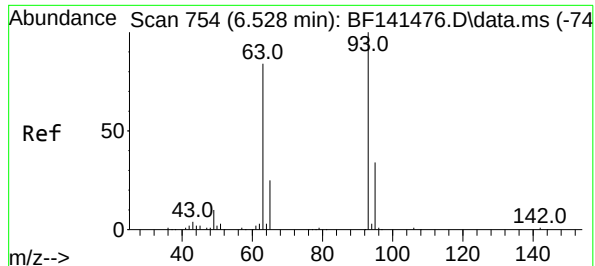
Tgt Ion: 77 Resp: 173590
Ion Ratio Lower Upper
77 100
105 99.7 79.4 119.4
106 96.2 75.1 115.1



#10
Phenol
Concen: 44.494 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion: 94 Resp: 321598
Ion Ratio Lower Upper
94 100
65 45.2 23.7 63.7
66 72.7 49.3 89.3

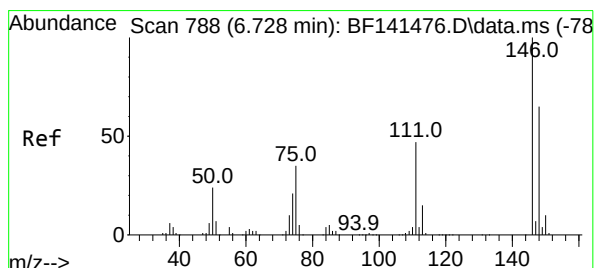
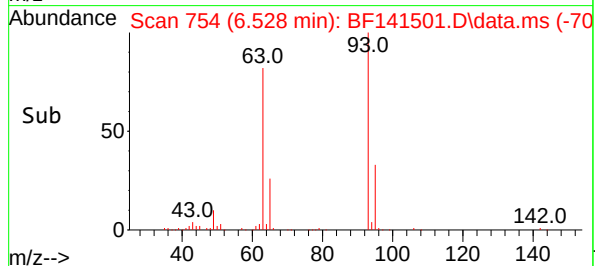
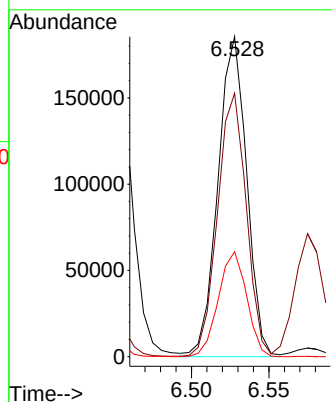
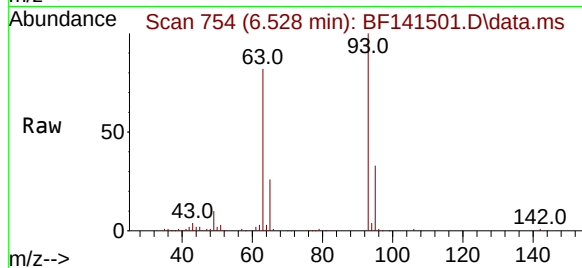




#11
bis(2-Chloroethyl)ether
Concen: 44.136 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

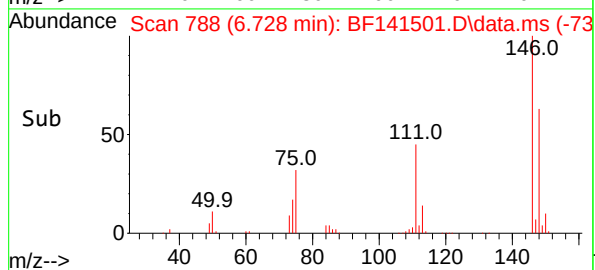
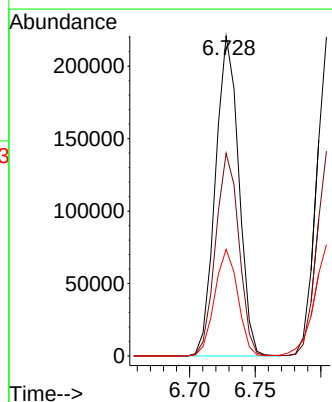
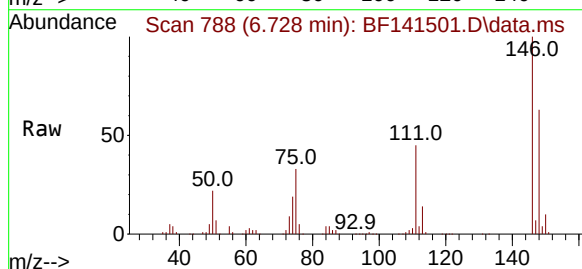
Instrument :
BNA_F
ClientSampleId :
PB166567BS

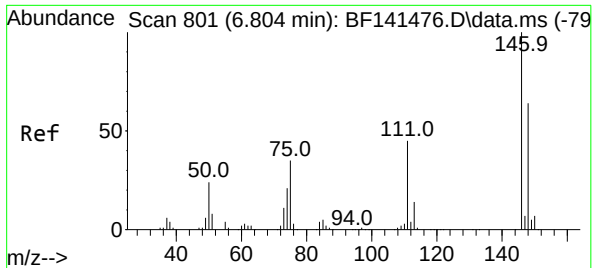
Tgt Ion: 93 Resp: 239612
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.476 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion: 146 Resp: 272496
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.832 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

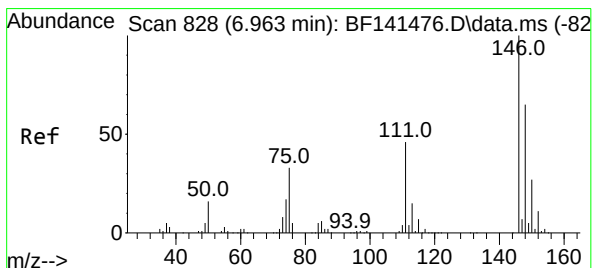
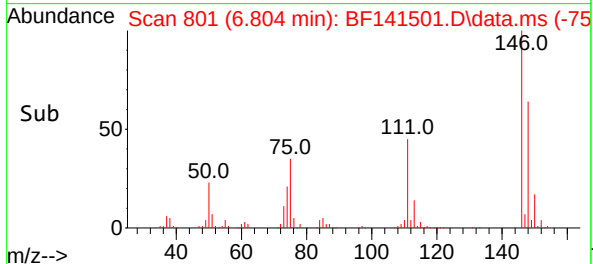
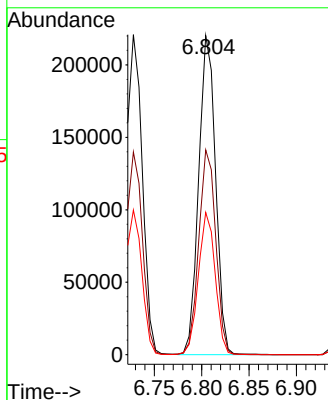
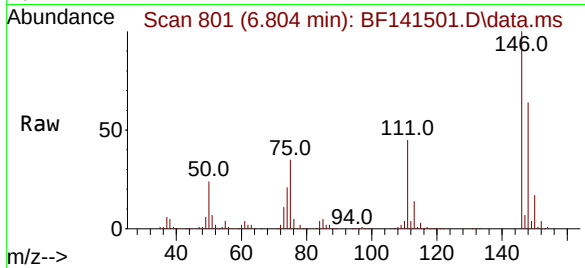
Tgt Ion:146 Resp: 274288

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 44.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.564 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

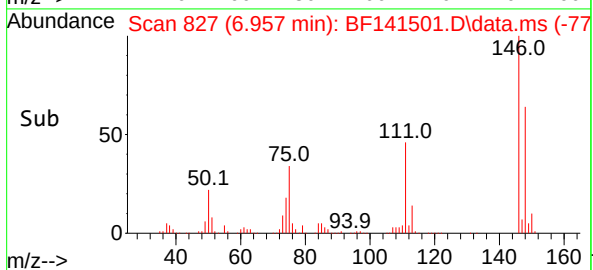
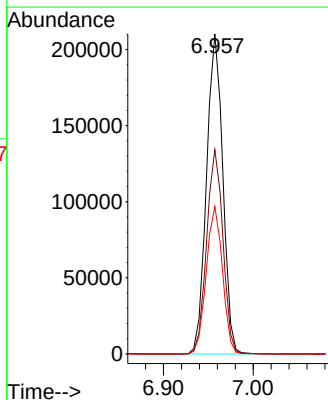
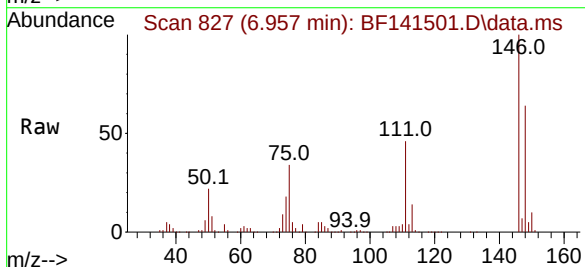
Tgt Ion:146 Resp: 264866

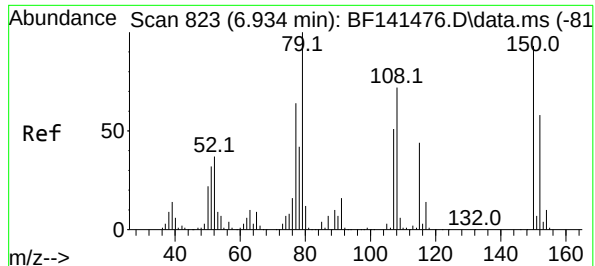
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 46.0 37.0 55.4





#15

Benzyl Alcohol

Concen: 44.107 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

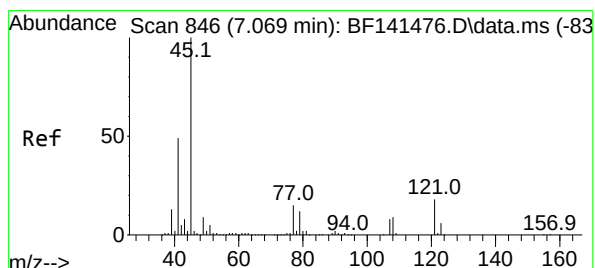
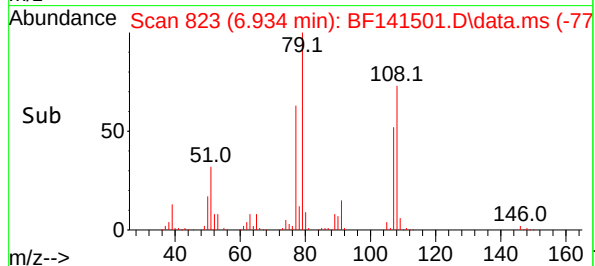
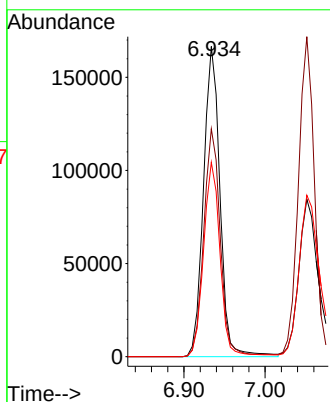
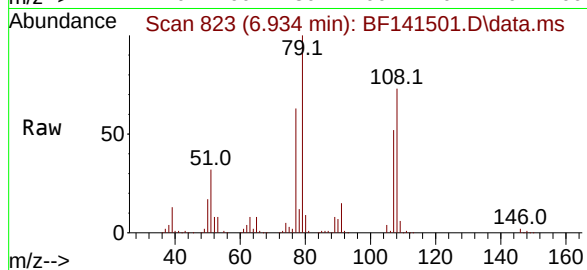
Tgt Ion: 79 Resp: 234884

Ion Ratio Lower Upper

79 100

108 73.4 57.4 86.2

77 62.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.489 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

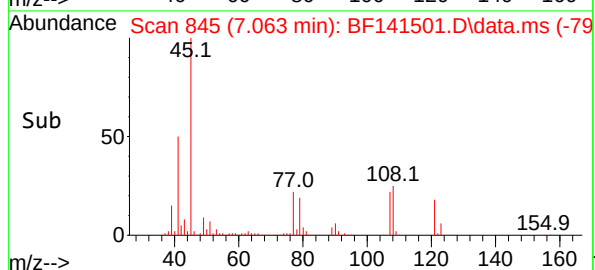
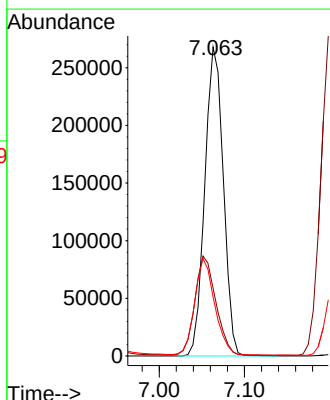
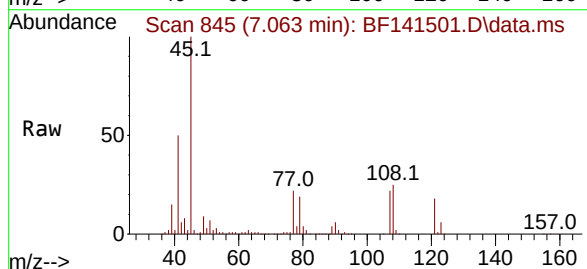
Tgt Ion: 45 Resp: 404150

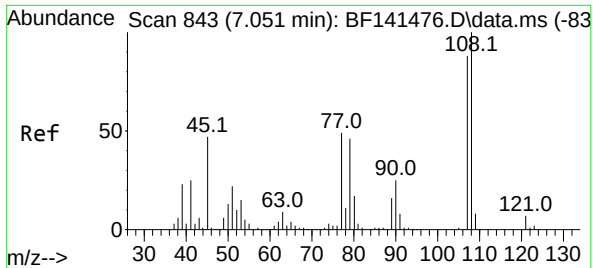
Ion Ratio Lower Upper

45 100

77 21.9 0.0 35.8

79 19.1 0.0 32.7

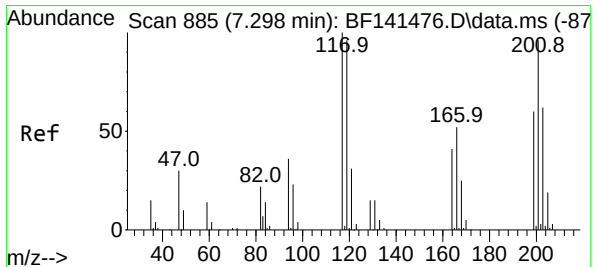
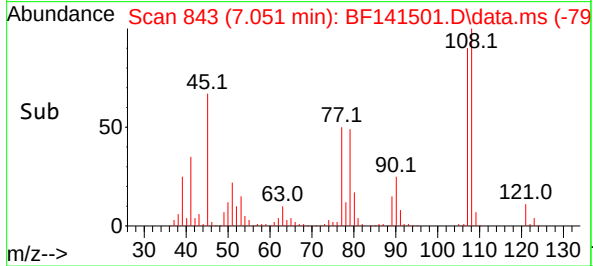
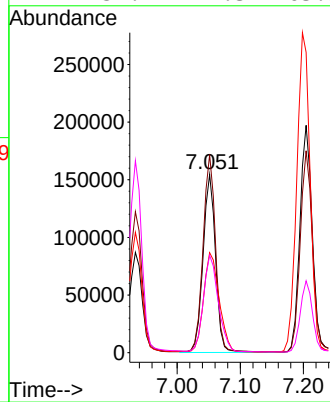
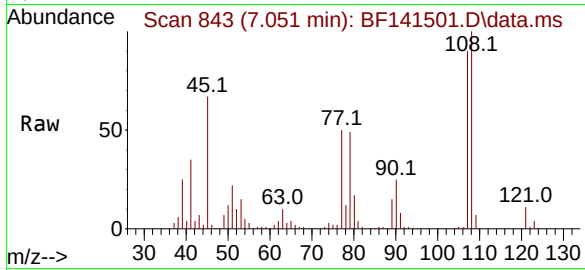




#17
2-Methylphenol
Concen: 45.951 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

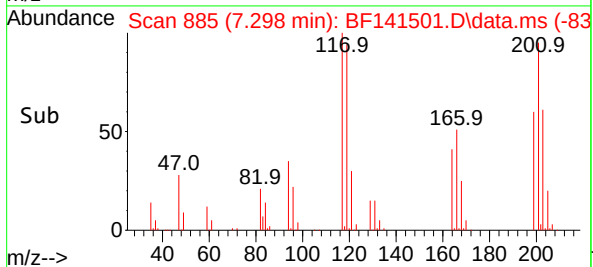
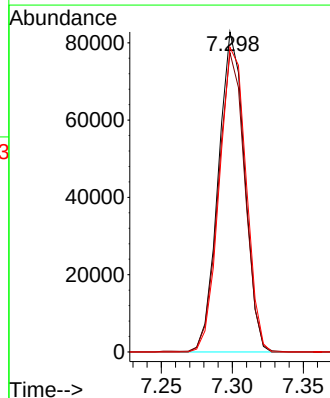
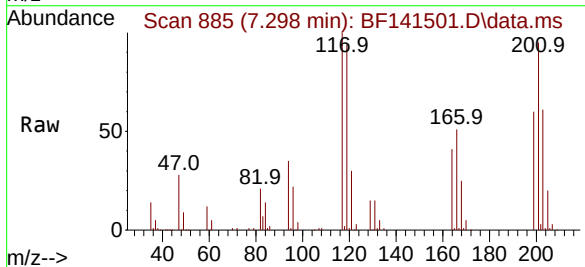
Instrument :
BNA_F
ClientSampleId :
PB166567BS

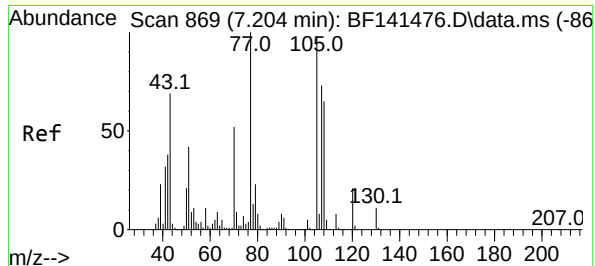
Tgt Ion:107 Resp: 213488
Ion Ratio Lower Upper
107 100
108 111.1 90.6 136.0
77 56.1 44.4 66.6
79 54.7 42.3 63.5



#18
Hexachloroethane
Concen: 44.740 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:117 Resp: 106033
Ion Ratio Lower Upper
117 100
119 93.5 76.5 114.7
201 95.2 76.7 115.1





#19

n-Nitroso-di-n-propylamine

Concen: 44.136 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion: 70 Resp: 183336

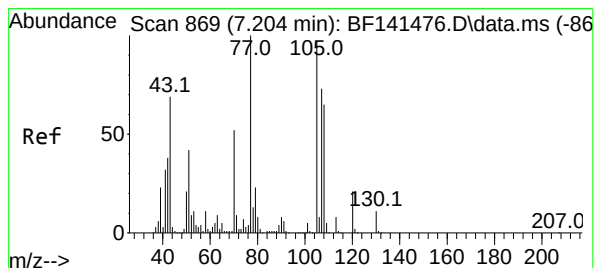
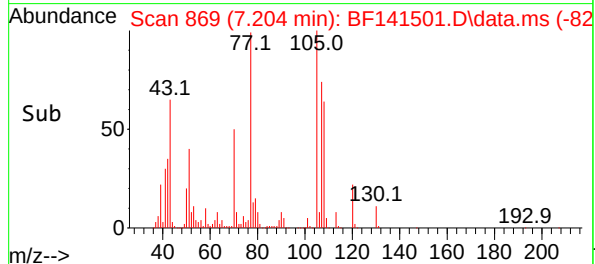
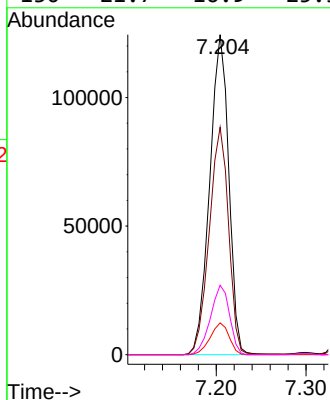
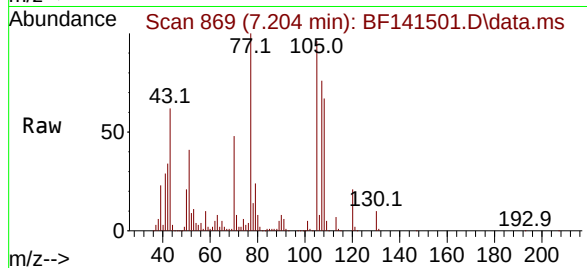
Ion Ratio Lower Upper

70 100

42 71.0 57.4 86.2

101 10.0 8.0 12.0

130 21.7 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.729 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:107 Resp: 270000

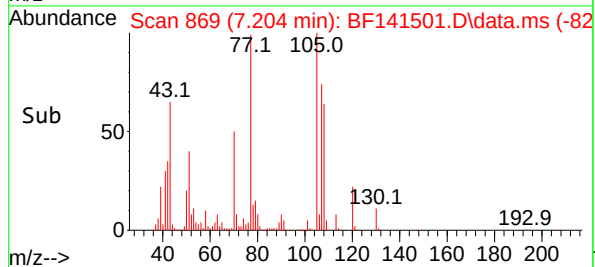
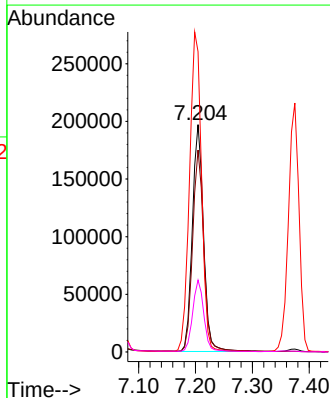
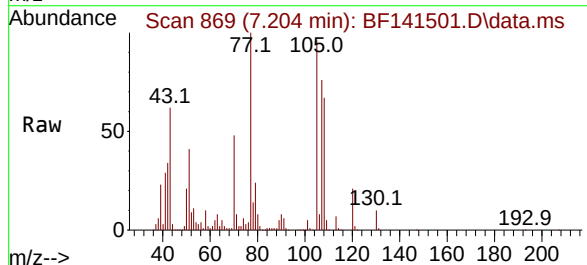
Ion Ratio Lower Upper

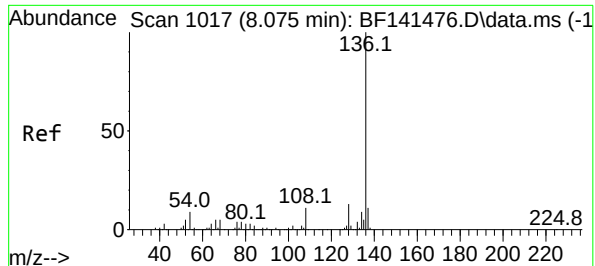
107 100

108 88.8 68.5 108.5

77 132.1 116.5 156.5

79 31.6 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion:136 Resp: 343914

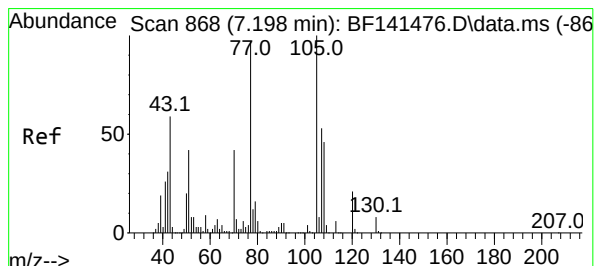
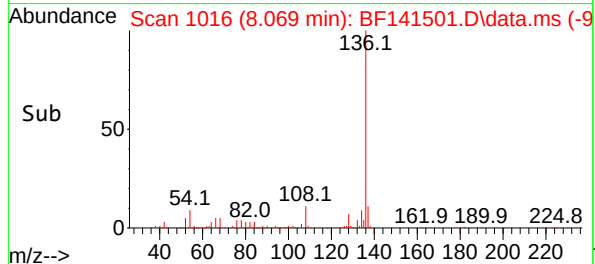
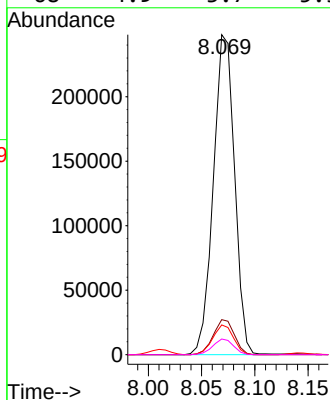
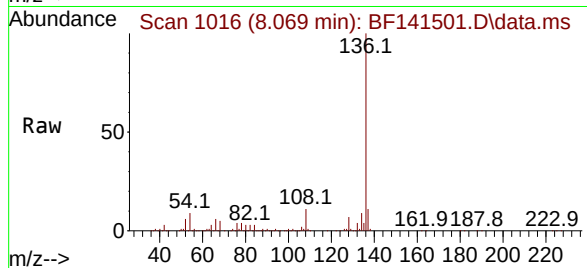
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.3 7.2 10.8

68 4.9 3.7 5.5



#22

Acetophenone

Concen: 47.411 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:105 Resp: 405607

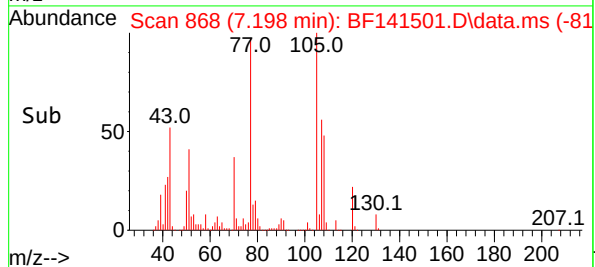
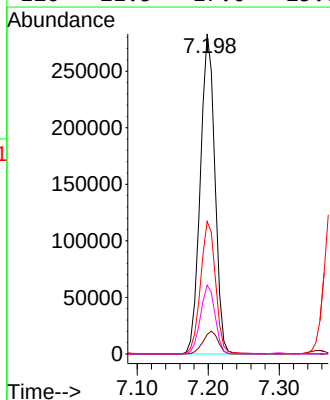
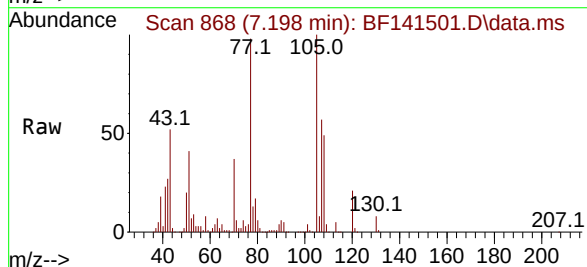
Ion Ratio Lower Upper

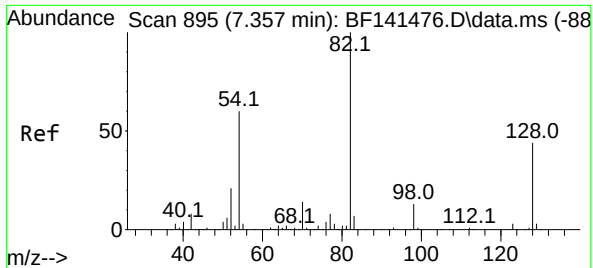
105 100

71 6.0 5.7 8.5

51 41.5 33.7 50.5

120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 95.497 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

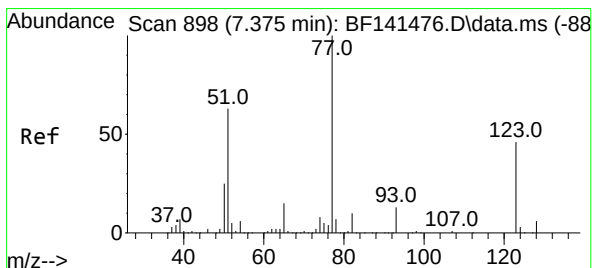
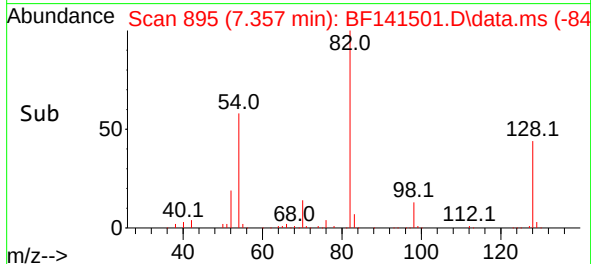
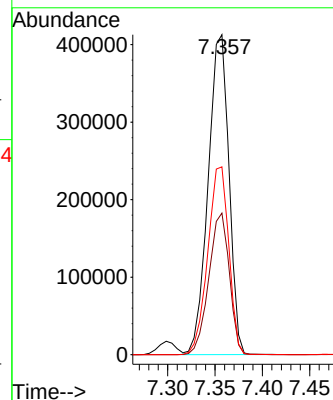
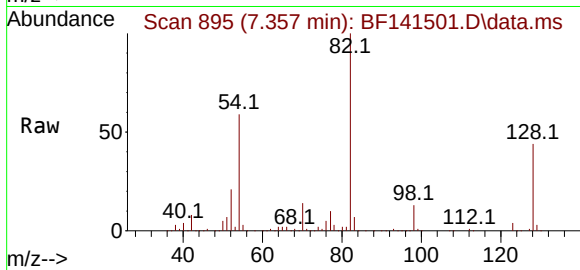
BNA_F

ClientSampleId :

PB166567BS

Tgt Ion: 82 Resp: 629673

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.8	52.2
54	58.7	48.2	72.4



#24

Nitrobenzene

Concen: 43.501 ng

RT: 7.375 min Scan# 898

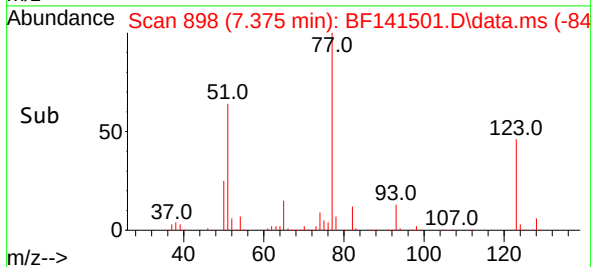
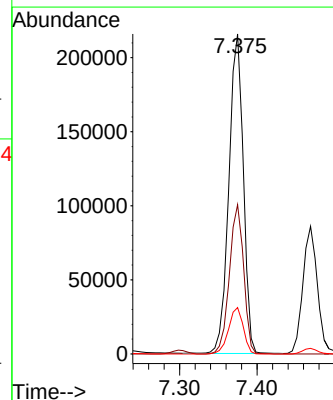
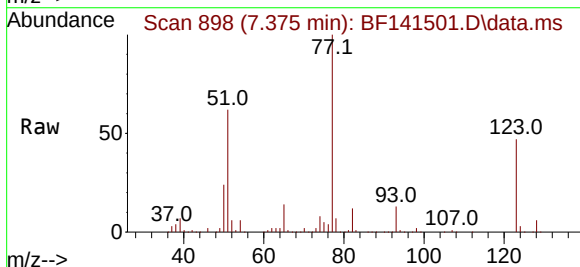
Delta R.T. -0.006 min

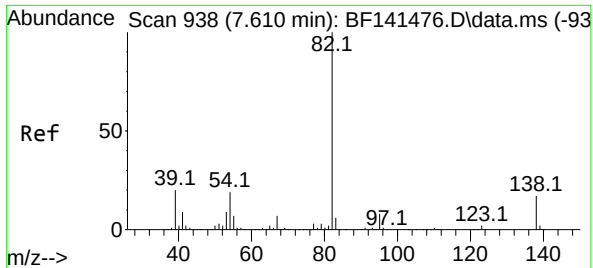
Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion: 77 Resp: 279696

Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.9	55.3
65	14.5	11.9	17.9

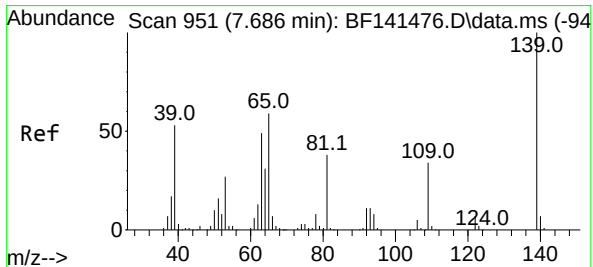
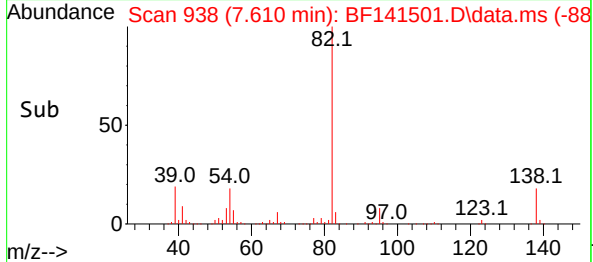
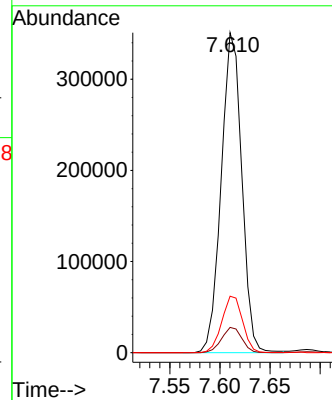
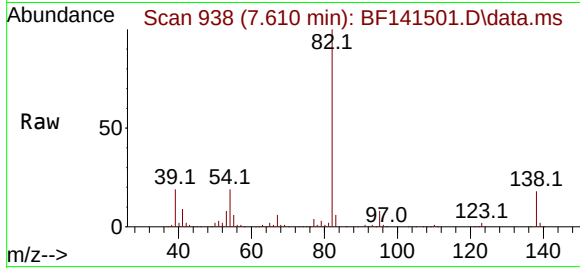




#25
Isophorone
Concen: 47.583 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

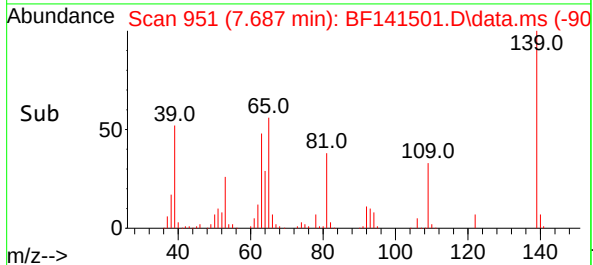
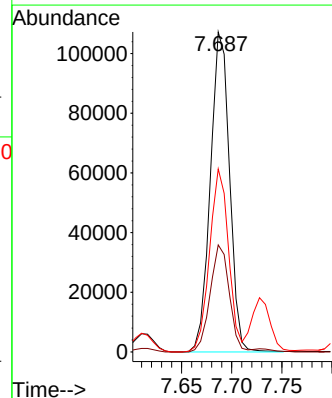
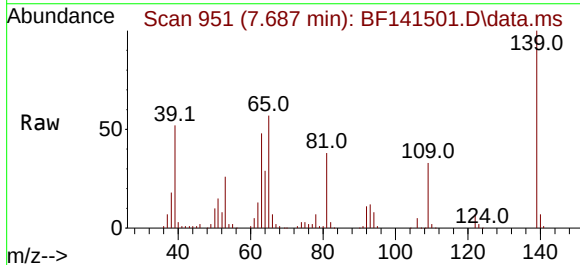
Instrument :
BNA_F
ClientSampleId :
PB166567BS

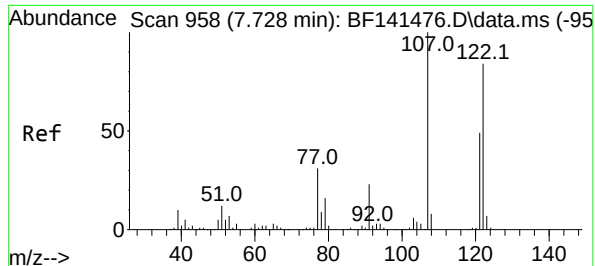
Tgt Ion: 82 Resp: 500262
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 44.733 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:139 Resp: 143094
Ion Ratio Lower Upper
139 100
109 33.5 27.0 40.6
65 57.2 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 57.031 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

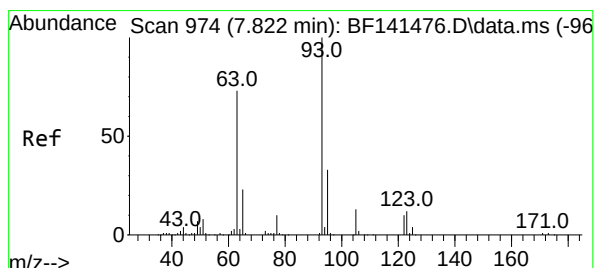
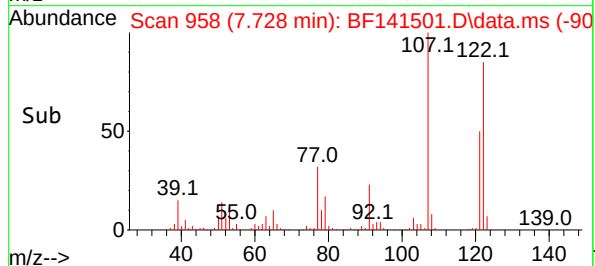
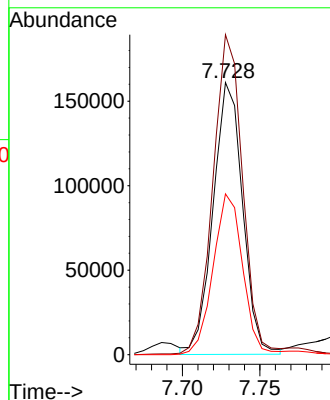
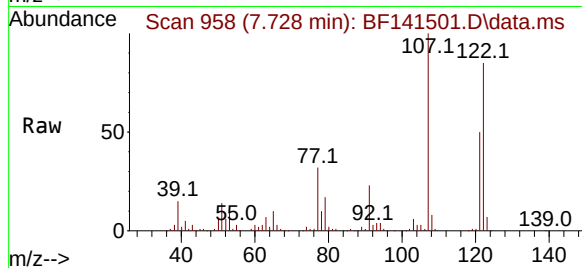
Tgt Ion:122 Resp: 213123

Ion Ratio Lower Upper

122 100

107 117.6 94.3 141.5

121 59.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.584 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

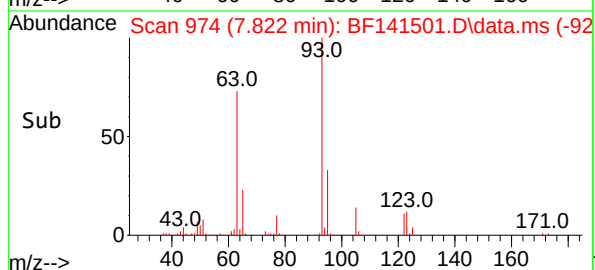
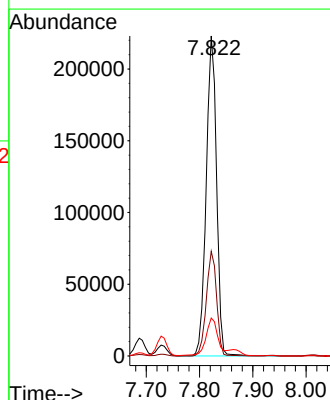
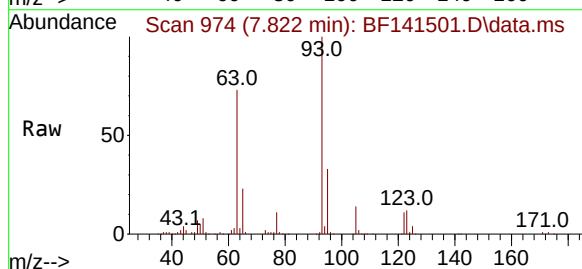
Tgt Ion: 93 Resp: 300354

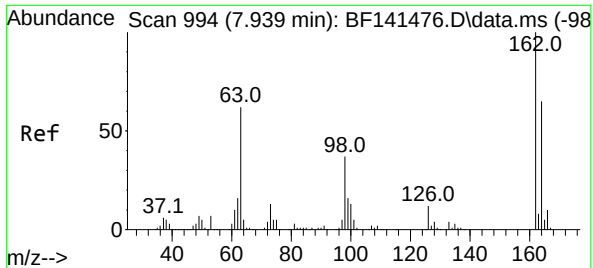
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.609 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

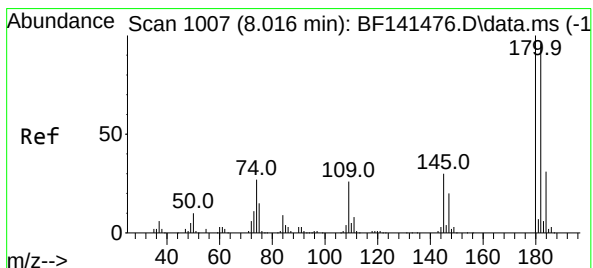
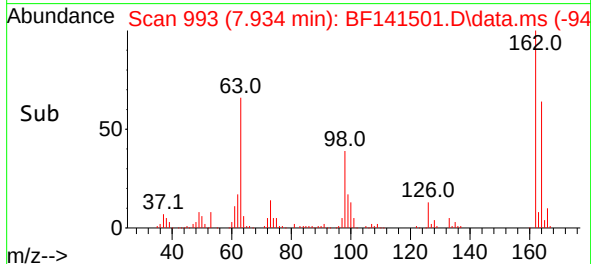
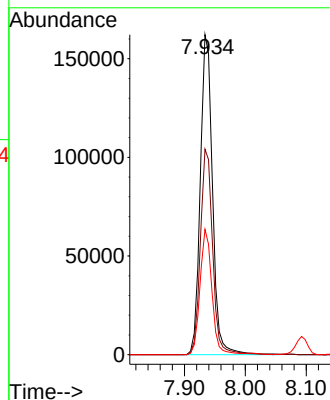
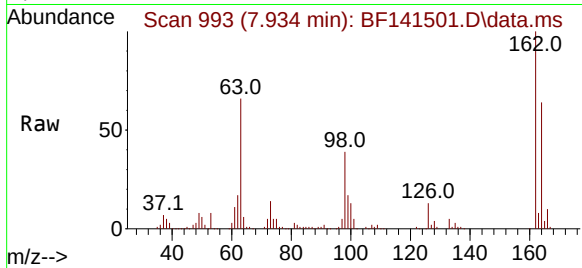
Tgt Ion:162 Resp: 225239

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 39.2 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 43.489 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

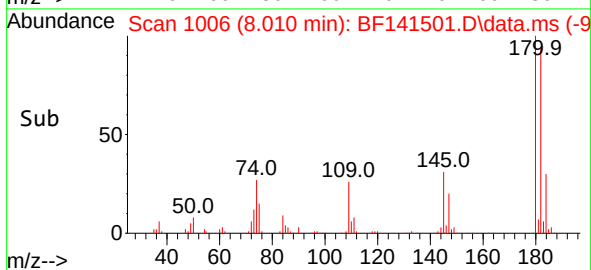
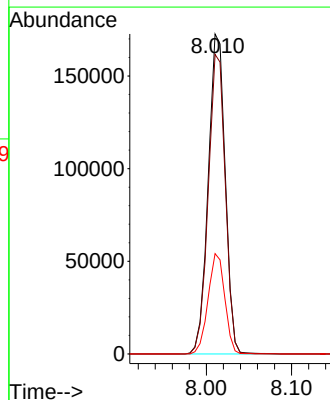
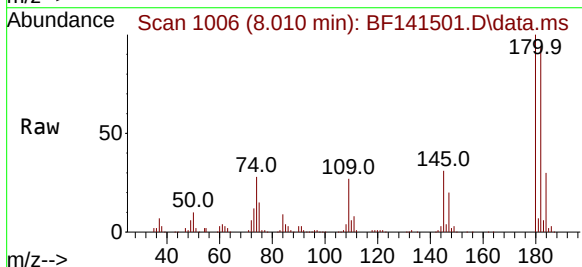
Tgt Ion:180 Resp: 239119

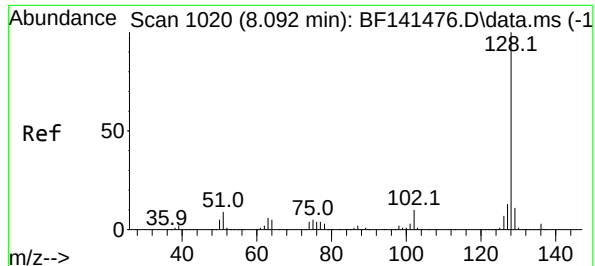
Ion Ratio Lower Upper

180 100

182 93.6 76.8 115.2

145 31.4 24.2 36.4





#31

Naphthalene

Concen: 42.950 ng

RT: 8.092 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

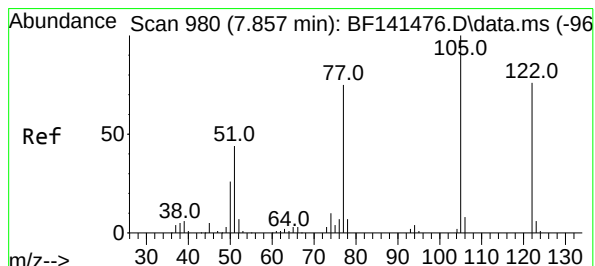
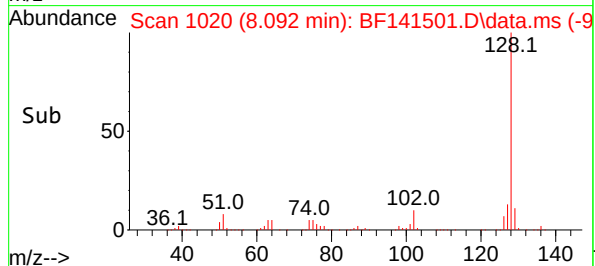
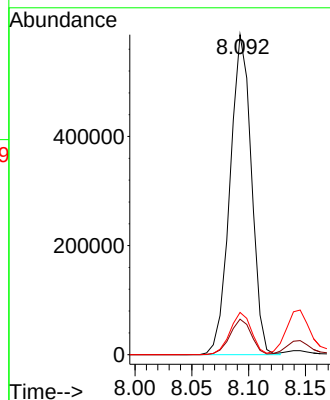
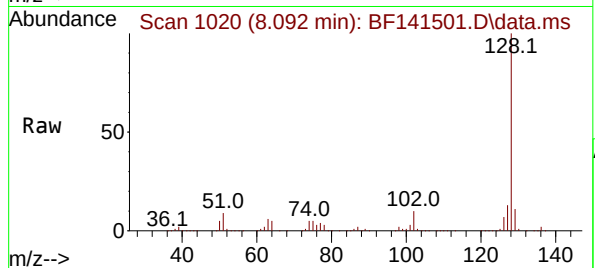
Tgt Ion:128 Resp: 768890

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 48.164 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

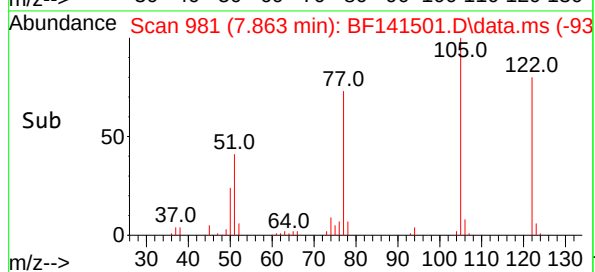
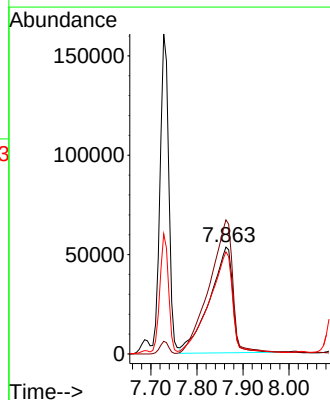
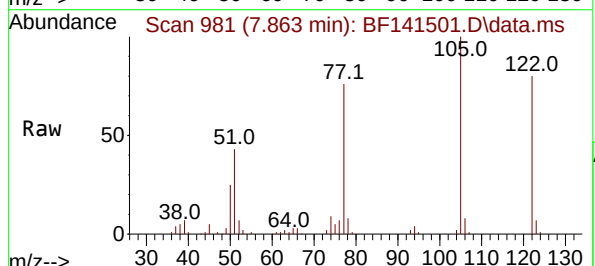
Tgt Ion:122 Resp: 186956

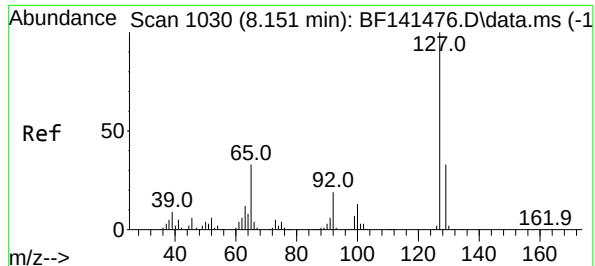
Ion Ratio Lower Upper

122 100

105 125.4 106.5 146.5

77 95.5 76.3 116.3





#33

4-Chloroaniline

Concen: 21.923 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

Tgt Ion:127 Resp: 137022

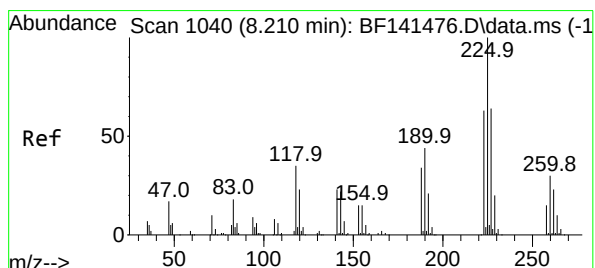
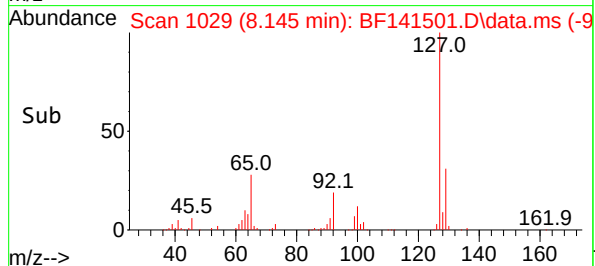
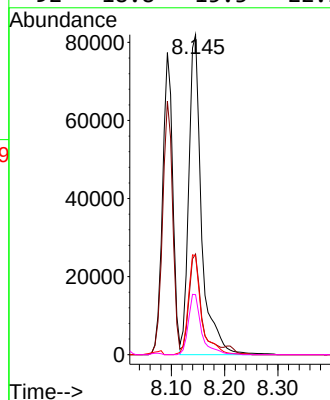
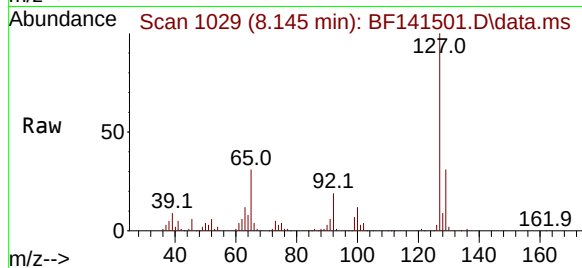
Ion Ratio Lower Upper

127 100

129 31.5 26.5 39.7

65 30.9 26.4 39.6

92 18.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 44.548 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

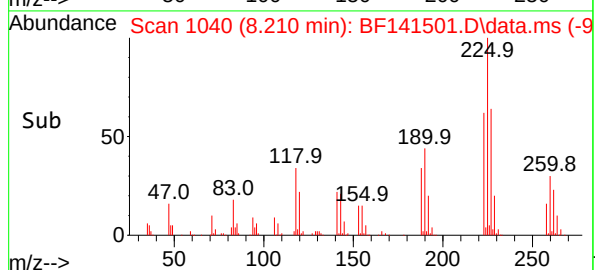
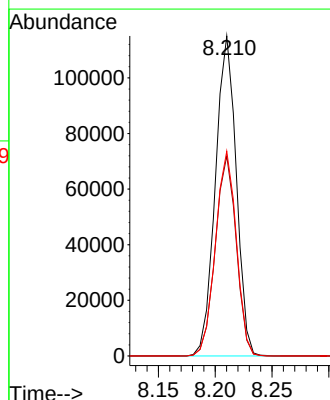
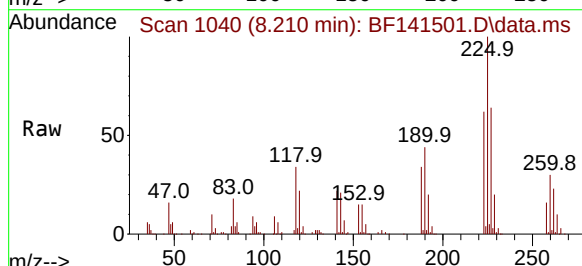
Tgt Ion:225 Resp: 147047

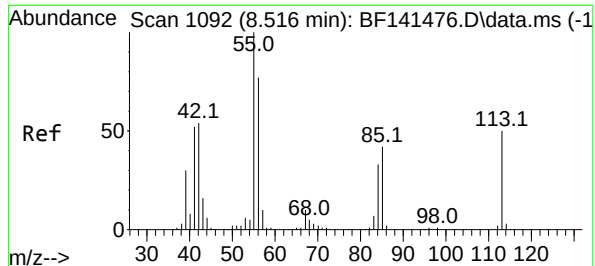
Ion Ratio Lower Upper

225 100

223 62.5 50.1 75.1

227 64.0 51.0 76.6





#35

Caprolactam

Concen: 51.459 ng m

RT: 8.516 min Scan# 1092

Delta R.T. -0.029 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

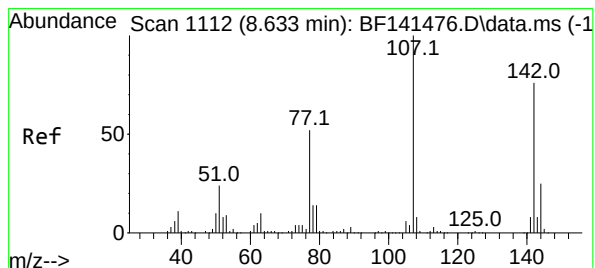
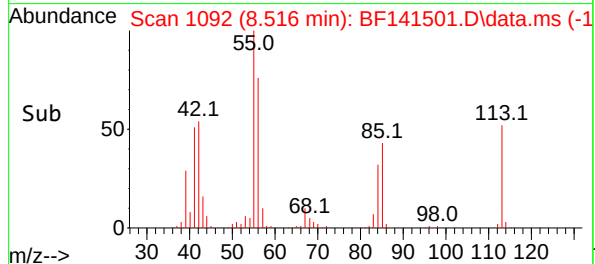
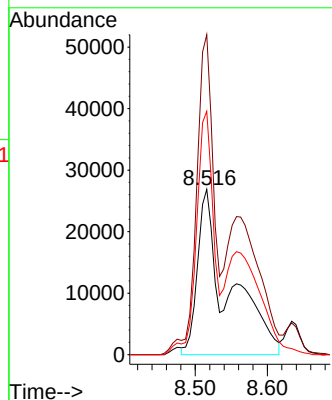
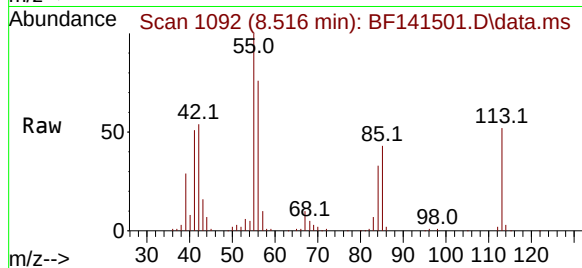
Tgt Ion:113 Resp: 79109

Ion Ratio Lower Upper

113 100

55 193.6 180.8 220.8

56 147.2 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 45.144 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

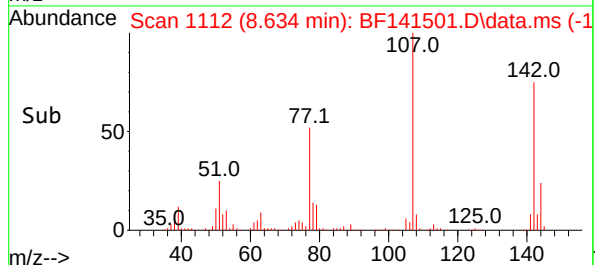
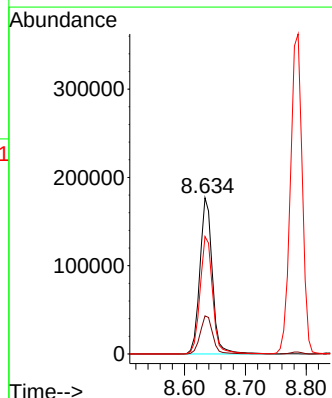
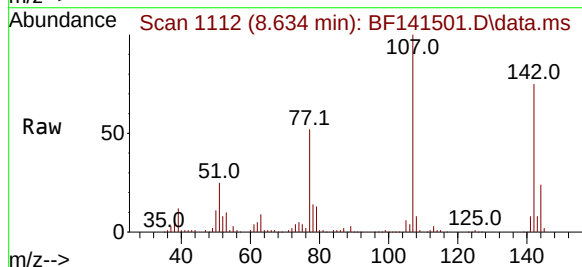
Tgt Ion:107 Resp: 252491

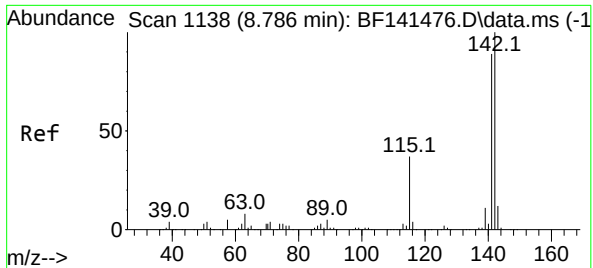
Ion Ratio Lower Upper

107 100

144 24.4 19.7 29.5

142 75.2 60.8 91.2

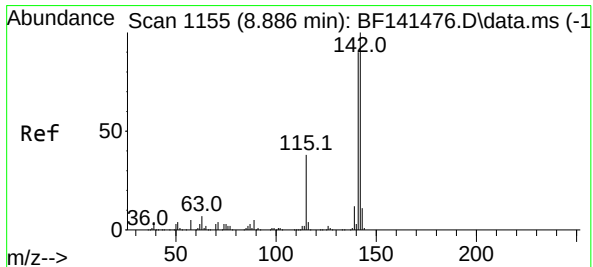
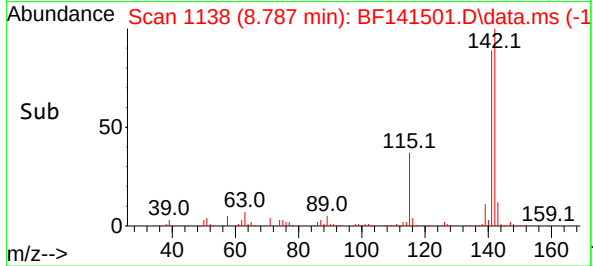
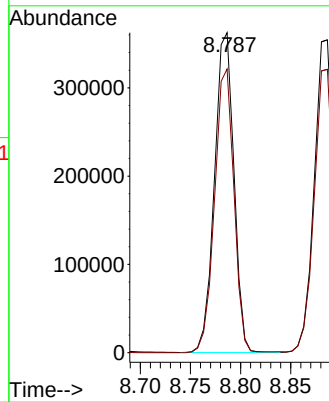
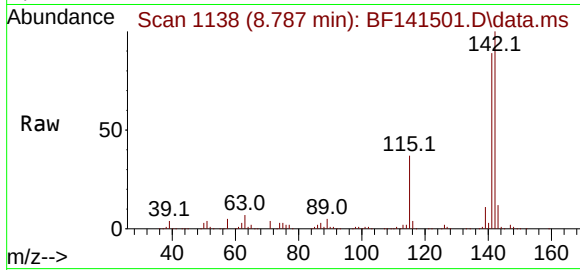




#37
2-Methylnaphthalene
Concen: 41.832 ng
RT: 8.787 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

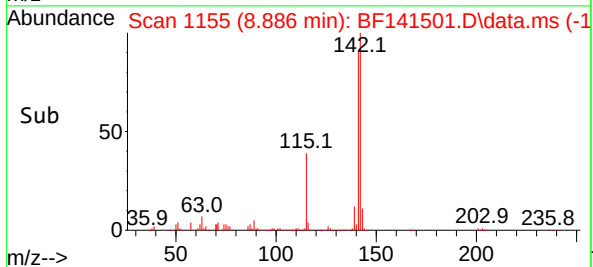
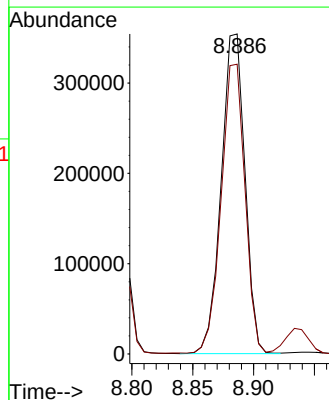
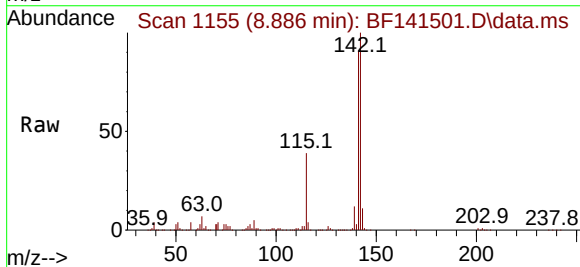
Instrument :
BNA_F
ClientSampleId :
PB166567BS

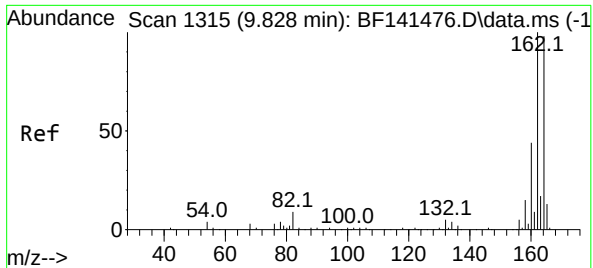
Tgt Ion:142 Resp: 487319
Ion Ratio Lower Upper
142 100
141 88.6 71.2 106.8



#38
1-Methylnaphthalene
Concen: 42.540 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:142 Resp: 479970
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

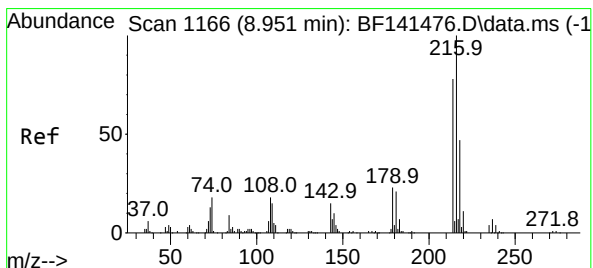
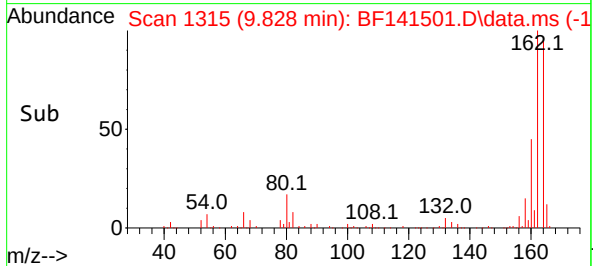
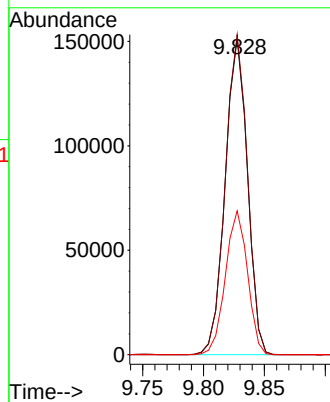
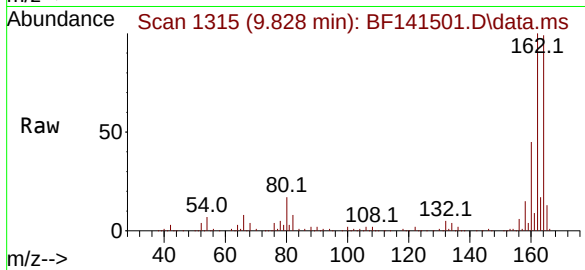
Tgt Ion:164 Resp: 192640

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.125 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:216 Resp: 262644

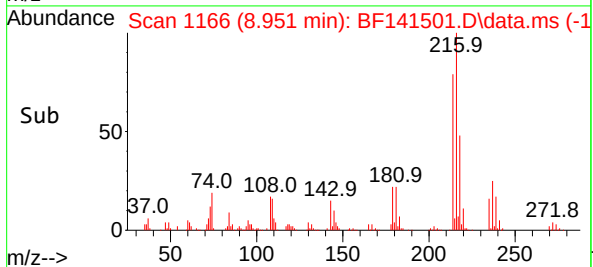
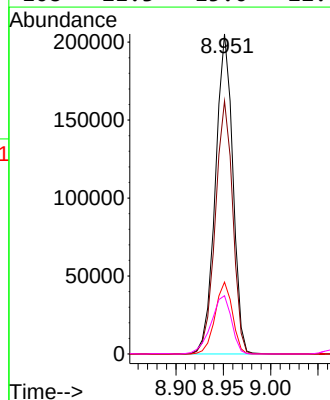
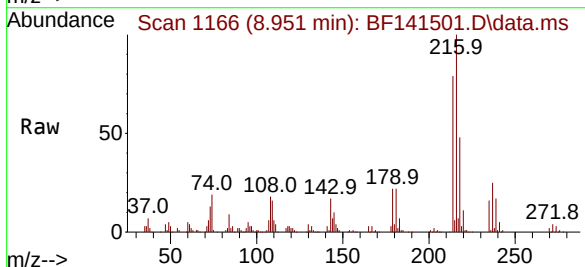
Ion Ratio Lower Upper

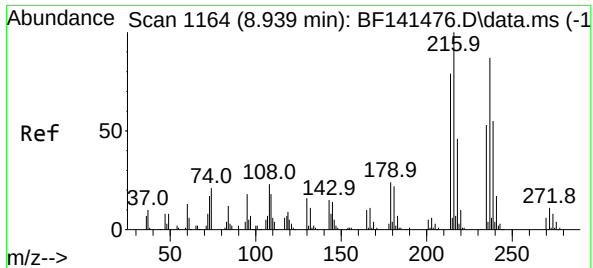
216 100

214 79.0 62.3 93.5

179 22.3 18.0 27.0

108 21.3 15.0 22.6

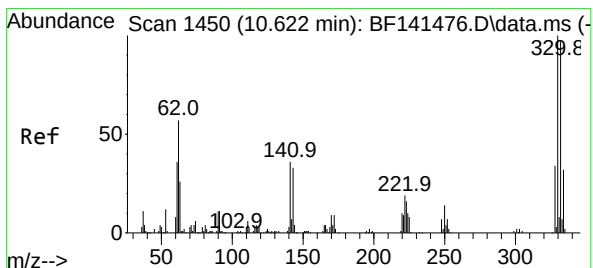
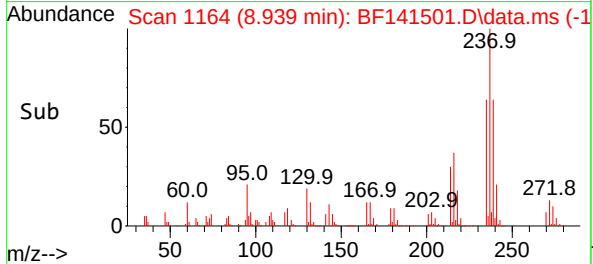
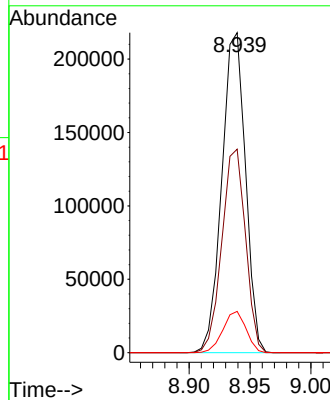
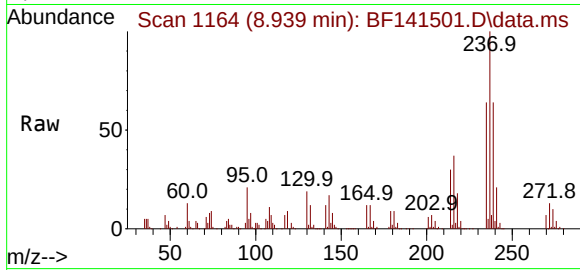




#41
Hexachlorocyclopentadiene
Concen: 158.893 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

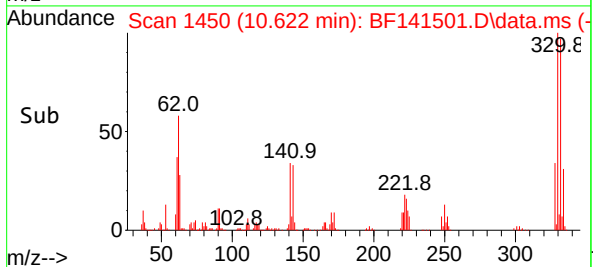
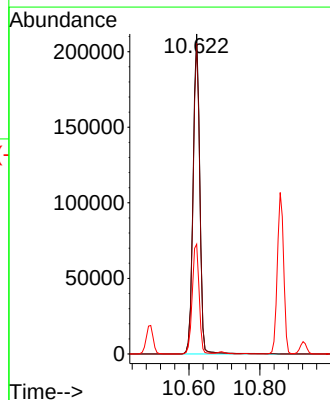
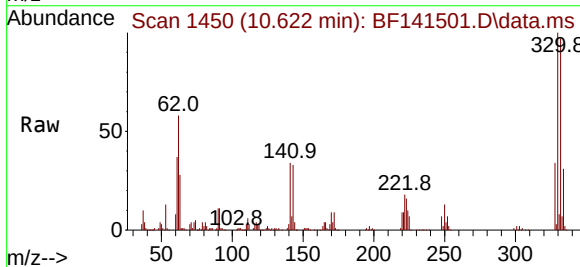
Instrument :
BNA_F
ClientSampleId :
PB166567BS

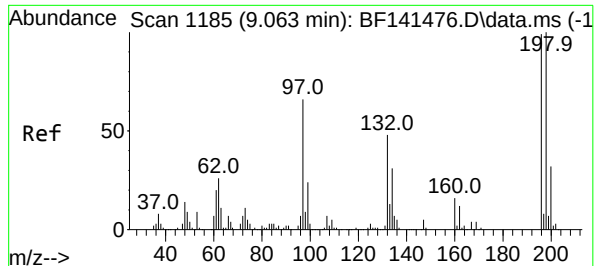
Tgt Ion:237 Resp: 294545
Ion Ratio Lower Upper
237 100
235 63.6 41.4 81.4
272 12.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 143.419 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:330 Resp: 277538
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 35.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.858 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

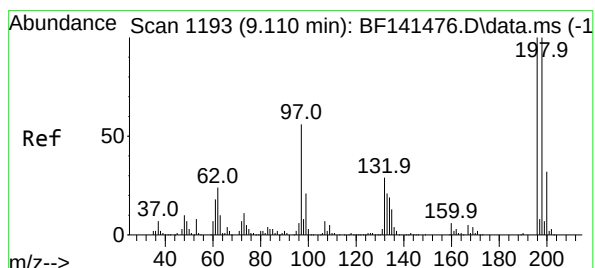
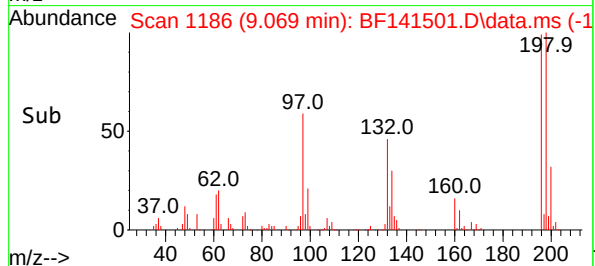
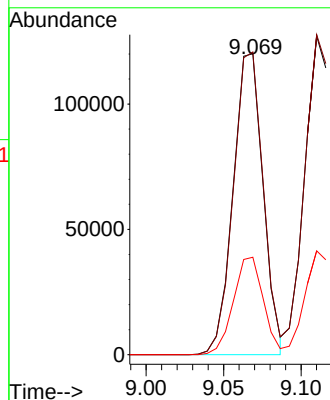
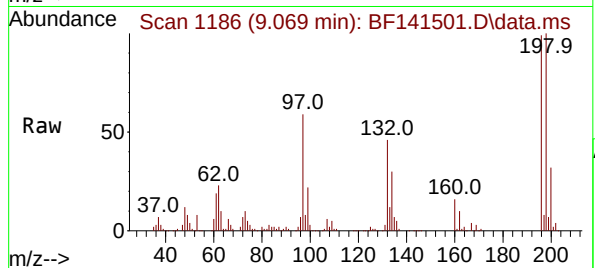
Tgt Ion:196 Resp: 161585

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 32.4 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.277 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Tgt Ion:196 Resp: 172849

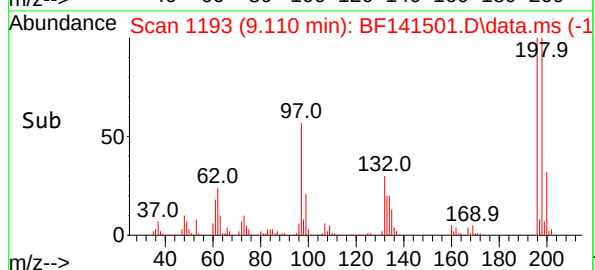
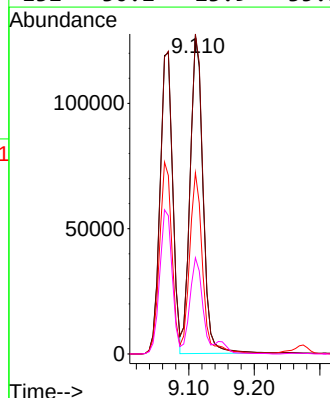
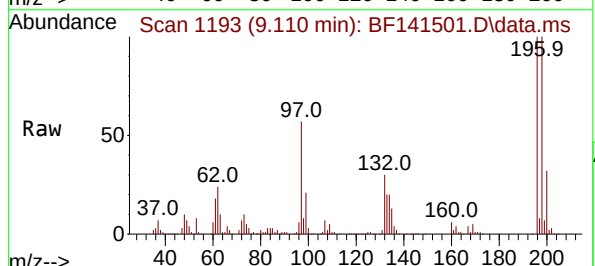
Ion Ratio Lower Upper

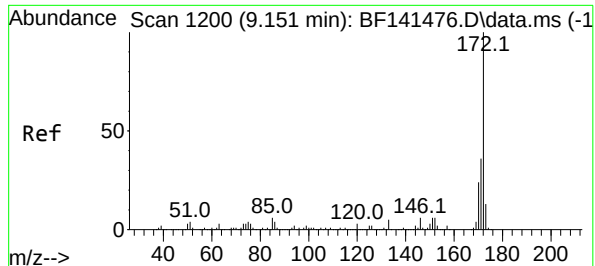
196 100

198 100.5 79.8 119.8

97 56.9 44.8 67.2

132 30.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 95.265 ng

RT: 9.151 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

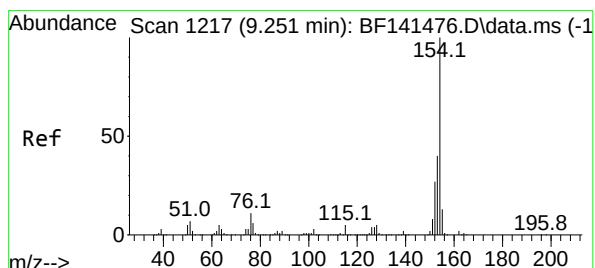
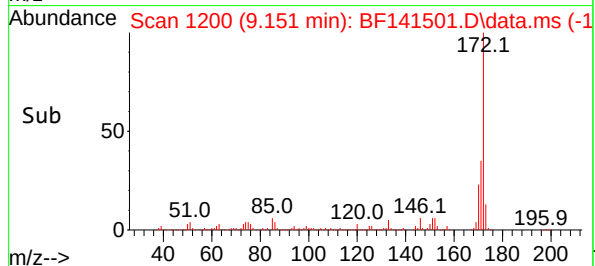
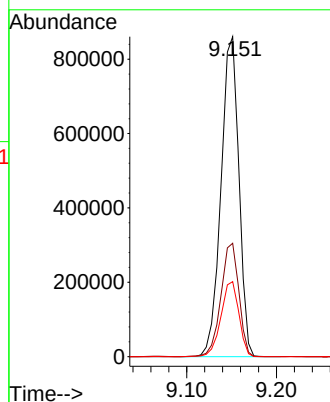
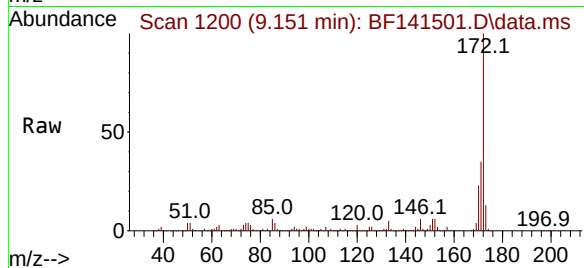
Tgt Ion:172 Resp: 1191186

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.921 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

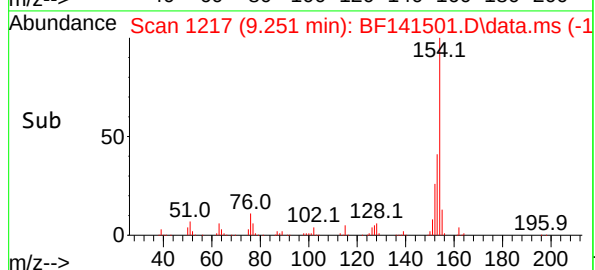
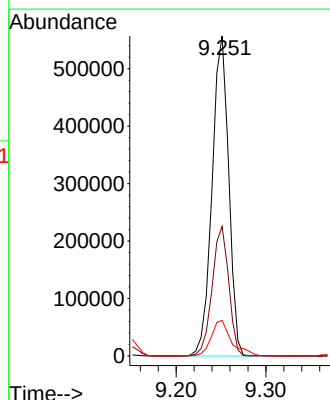
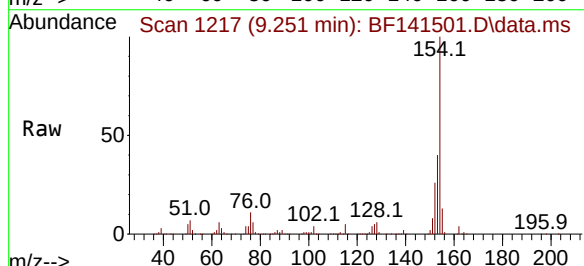
Tgt Ion:154 Resp: 715696

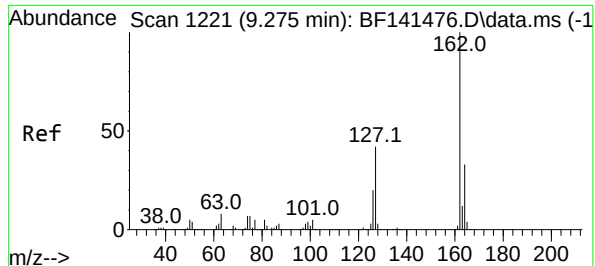
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.207 ng

RT: 9.275 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

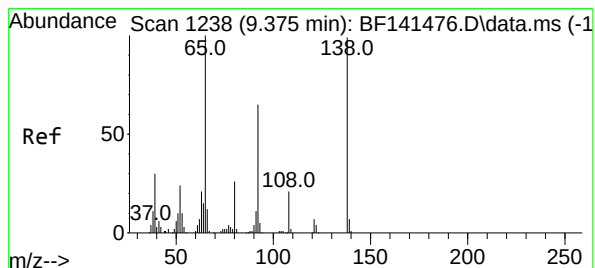
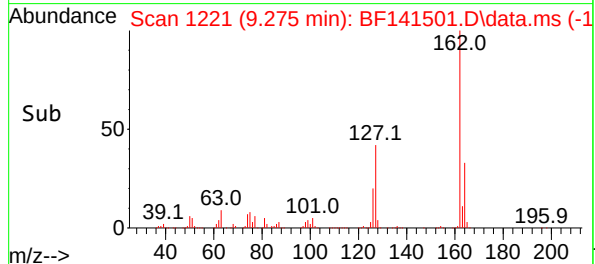
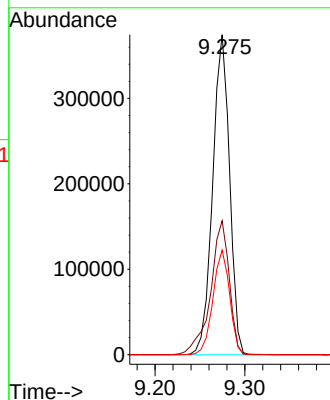
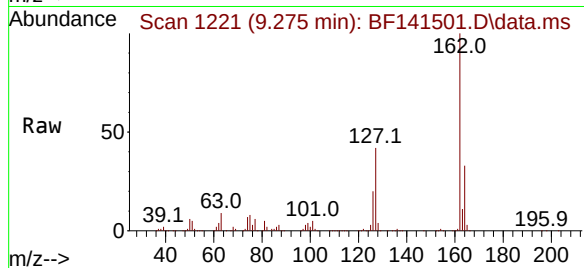
Tgt Ion:162 Resp: 488223

Ion Ratio Lower Upper

162 100

127 41.9 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 44.913 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

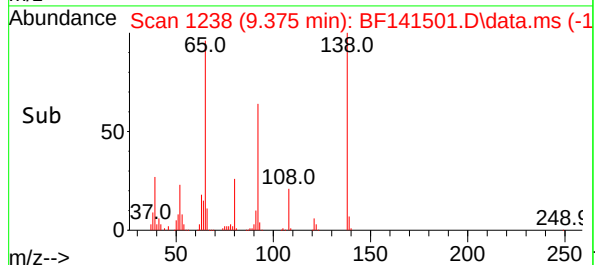
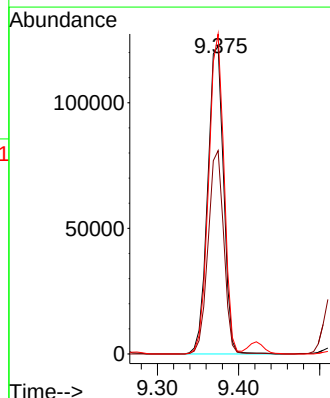
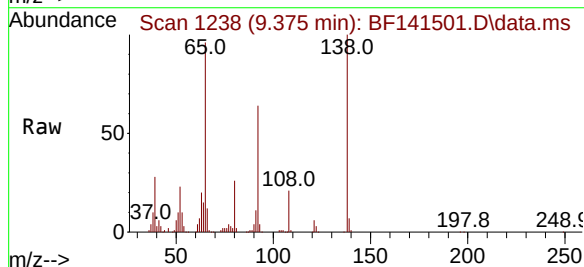
Tgt Ion: 65 Resp: 166466

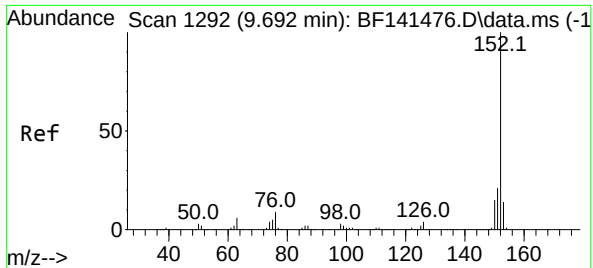
Ion Ratio Lower Upper

65 100

92 66.0 52.2 78.2

138 103.9 79.5 119.3

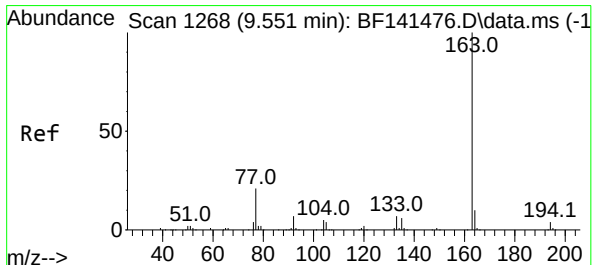
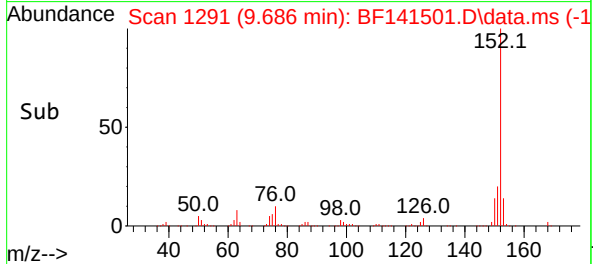
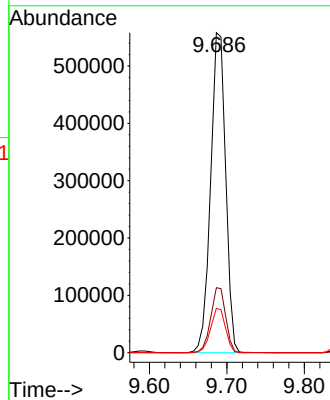
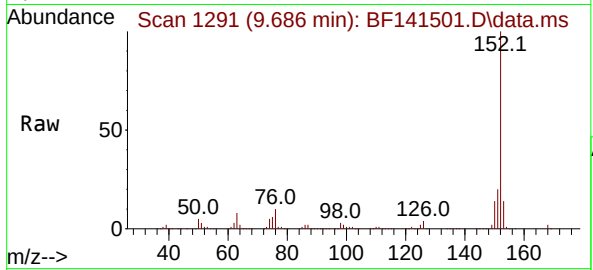




#49
Acenaphthylene
Concen: 45.760 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

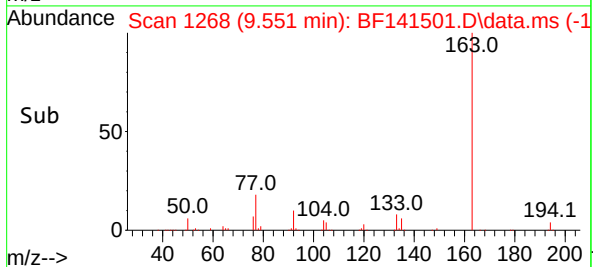
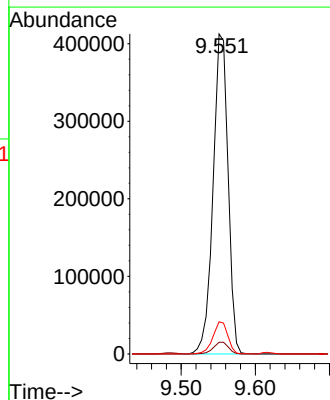
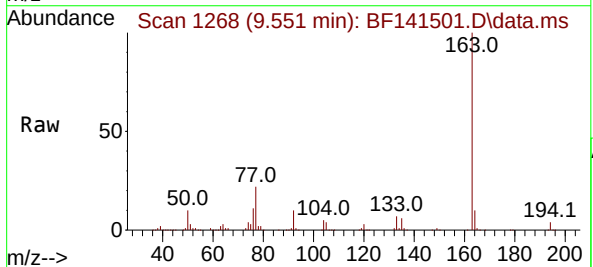
Instrument :
BNA_F
ClientSampleId :
PB166567BS

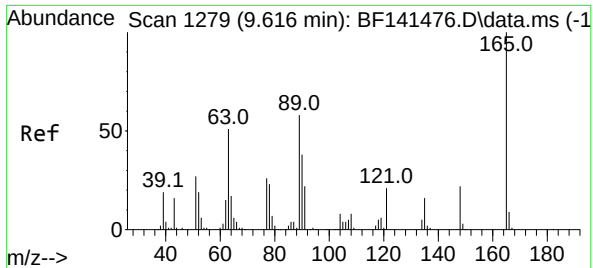
Tgt Ion:152 Resp: 751683
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.9 16.3



#50
Dimethylphthalate
Concen: 44.290 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:163 Resp: 579221
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 7.9 11.9

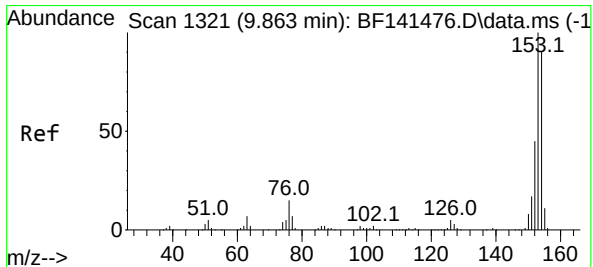
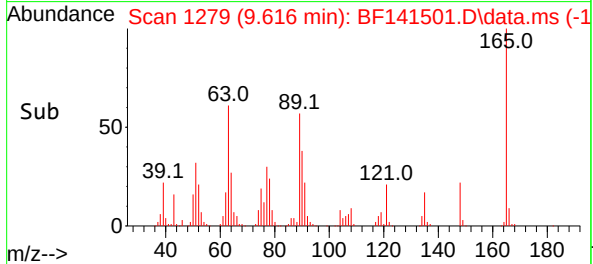
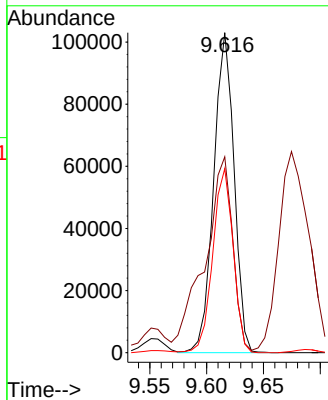
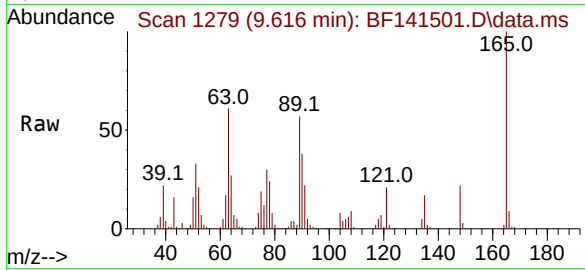




#51
2,6-Dinitrotoluene
Concen: 44.947 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

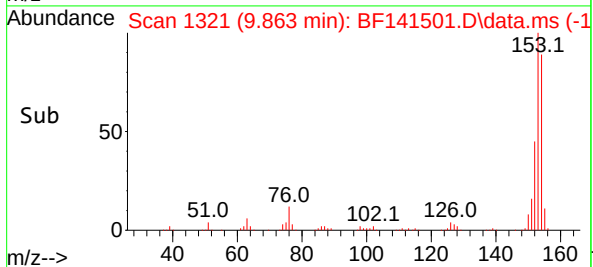
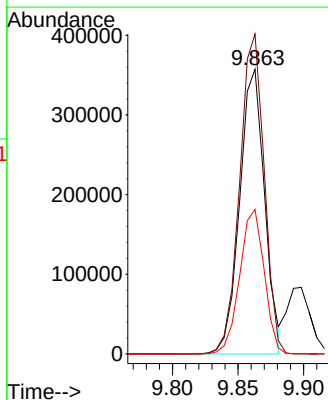
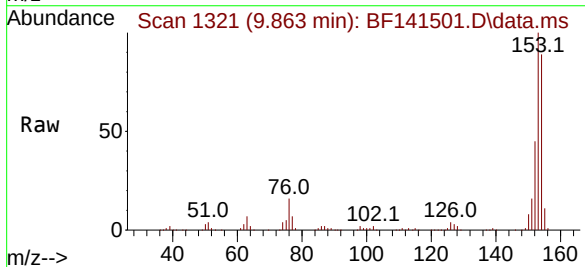
Instrument :
BNA_F
ClientSampleId :
PB166567BS

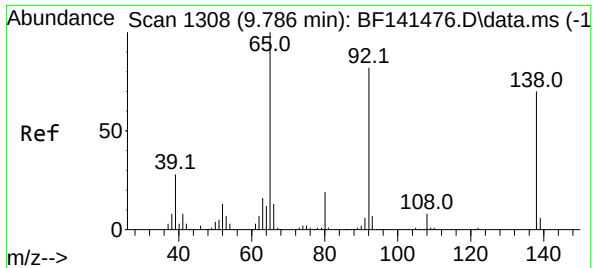
Tgt Ion:165 Resp: 128500
Ion Ratio Lower Upper
165 100
63 61.2 49.4 74.0
89 57.5 46.5 69.7



#52
Acenaphthene
Concen: 42.812 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:154 Resp: 472791
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 50.8 39.8 59.8

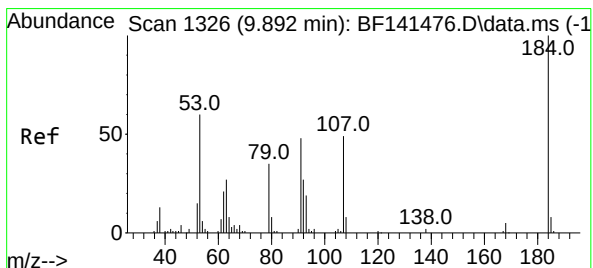
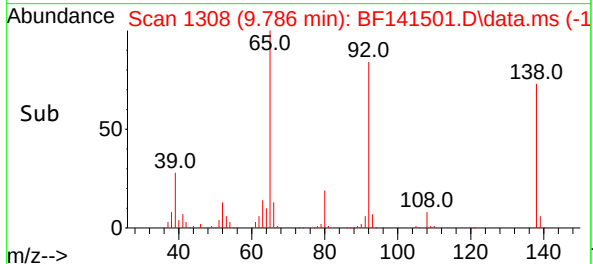
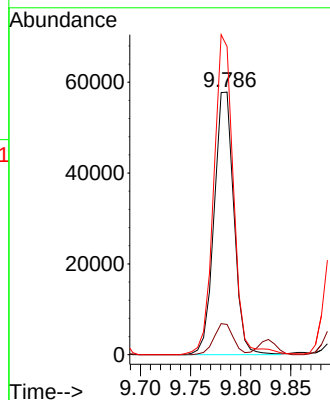
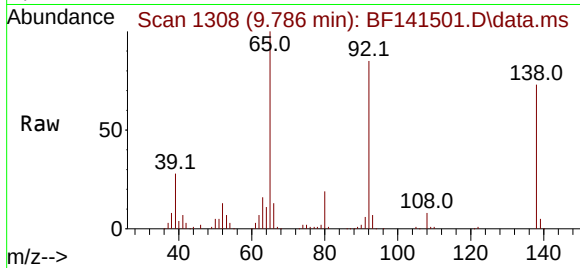




#53
3-Nitroaniline
Concen: 25.742 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

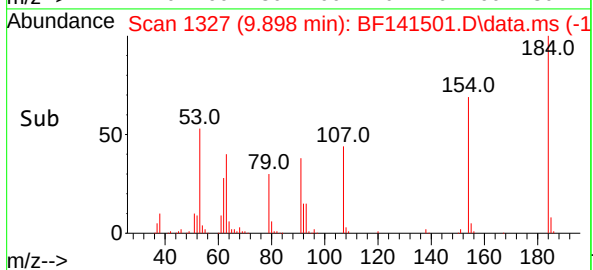
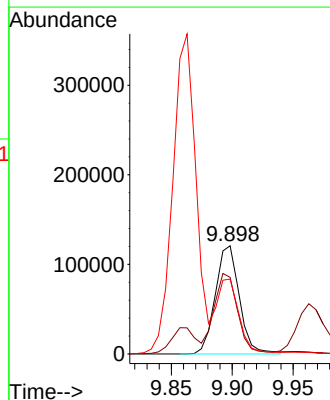
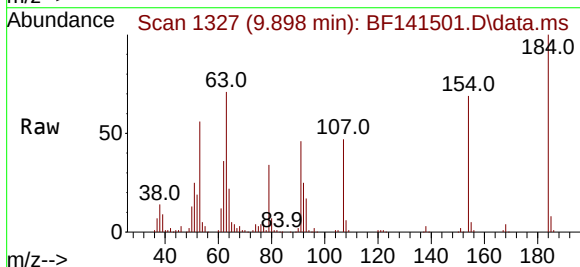
Instrument :
BNA_F
ClientSampleId :
PB166567BS

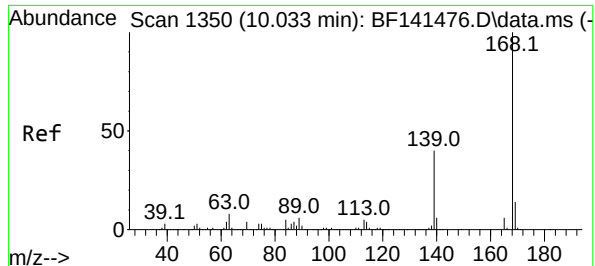
Tgt Ion:138 Resp: 79210
Ion Ratio Lower Upper
138 100
108 11.5 9.0 13.4
92 117.3 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 97.563 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:184 Resp: 165771
Ion Ratio Lower Upper
184 100
63 70.9 61.0 91.6
154 69.2 59.9 89.9





#55

Dibenzenofuran

Concen: 42.292 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

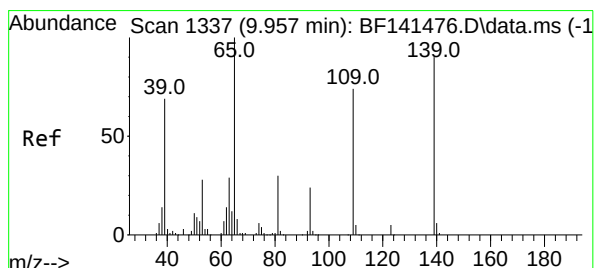
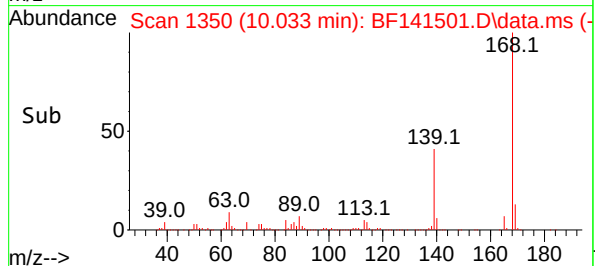
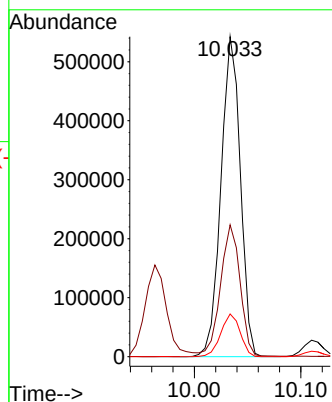
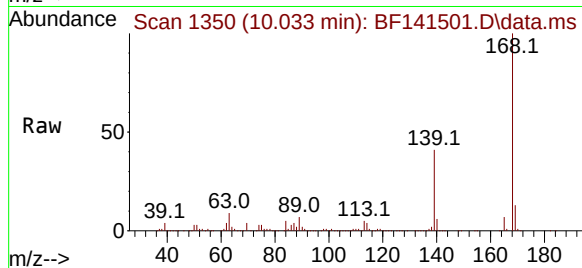
Tgt Ion:168 Resp: 685543

Ion Ratio Lower Upper

168 100

139 41.2 32.7 49.1

169 13.3 10.8 16.2



#56

4-Nitrophenol

Concen: 96.650 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

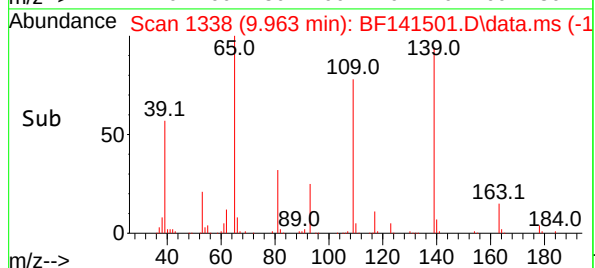
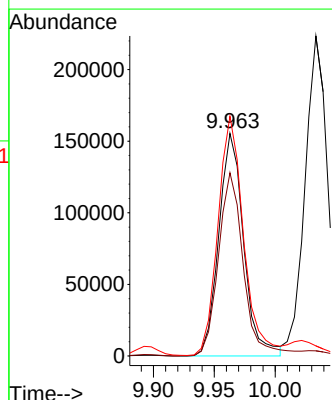
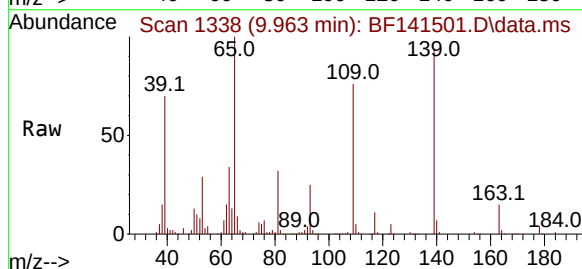
Tgt Ion:139 Resp: 220768

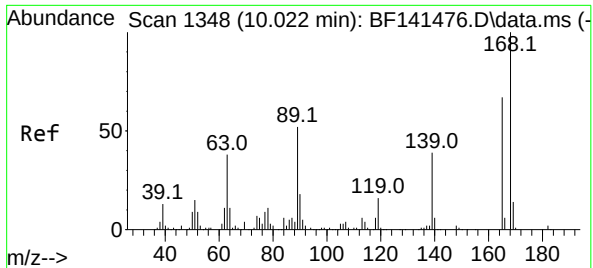
Ion Ratio Lower Upper

139 100

109 82.3 62.0 102.0

65 107.7 91.2 131.2

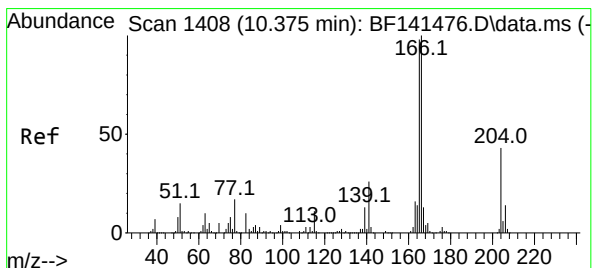
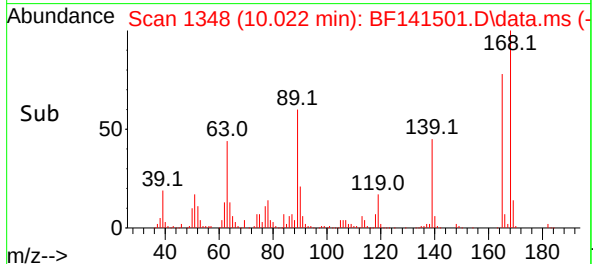
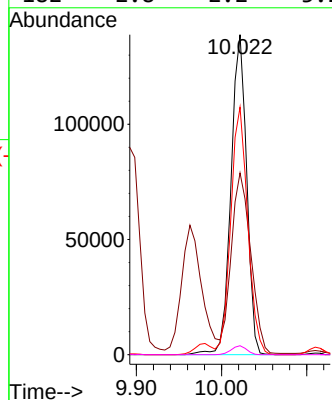
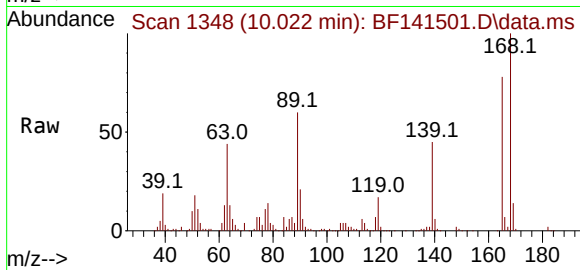




#57
2,4-Dinitrotoluene
Concen: 46.651 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

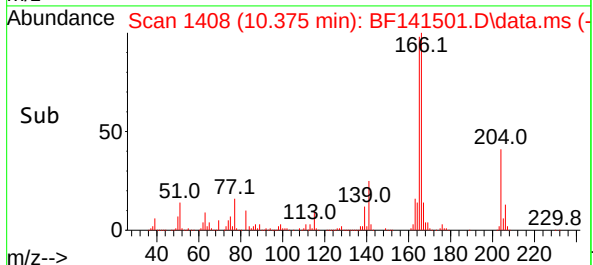
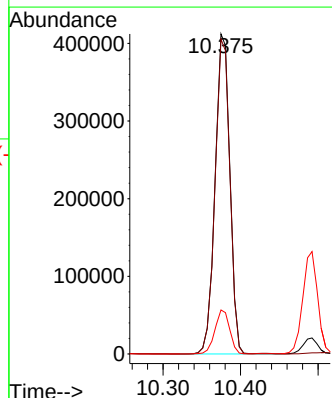
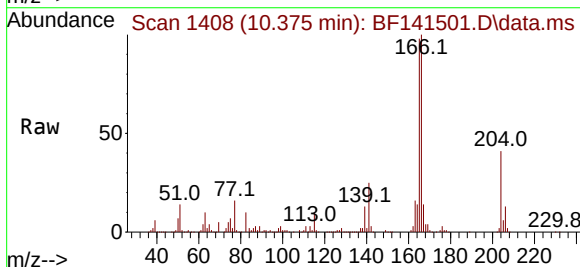
Instrument :
BNA_F
ClientSampleId :
PB166567BS

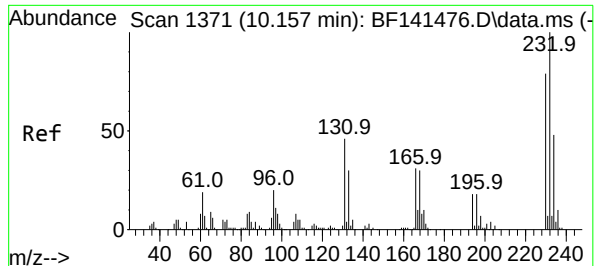
Tgt Ion:165 Resp: 177550
Ion Ratio Lower Upper
165 100
63 56.8 46.4 69.6
89 77.4 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 43.608 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:166 Resp: 546564
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.7 10.7 16.1

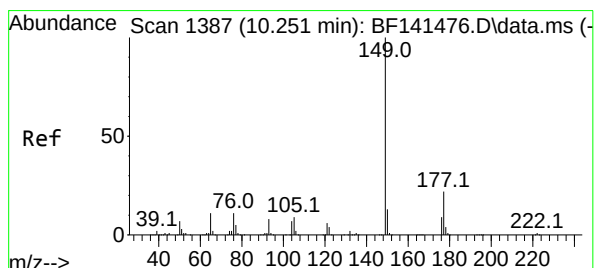
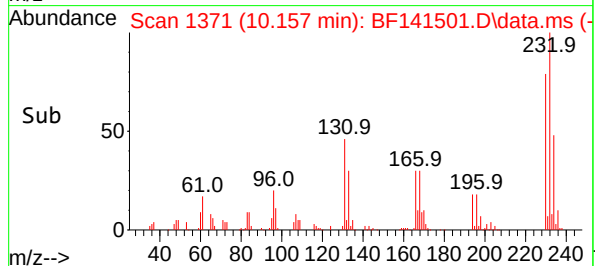
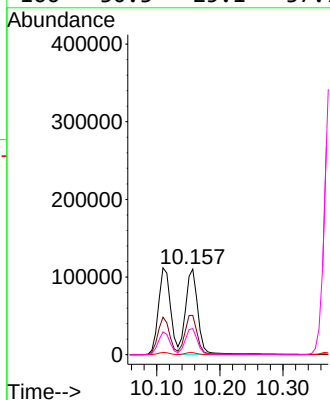
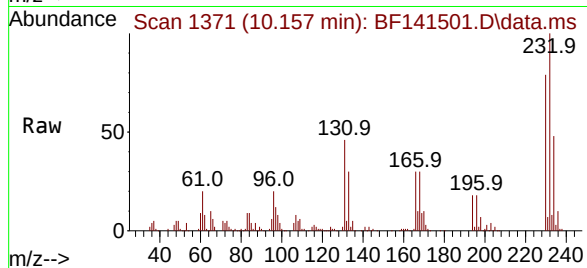




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.176 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

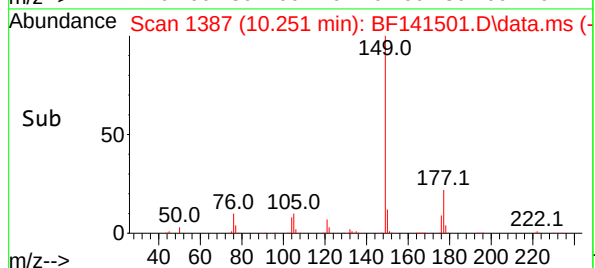
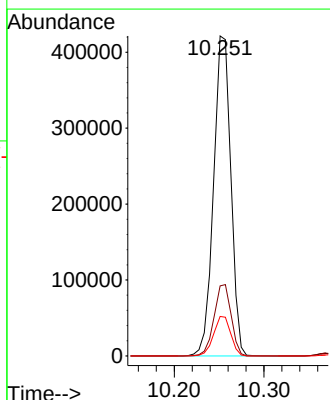
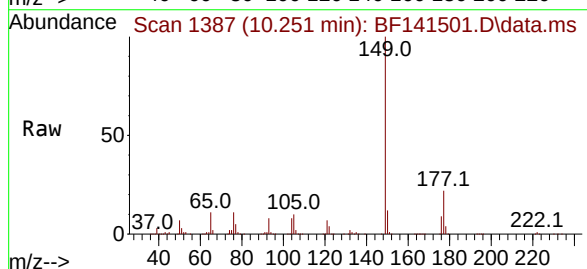
Instrument :
BNA_F
ClientSampleId :
PB166567BS

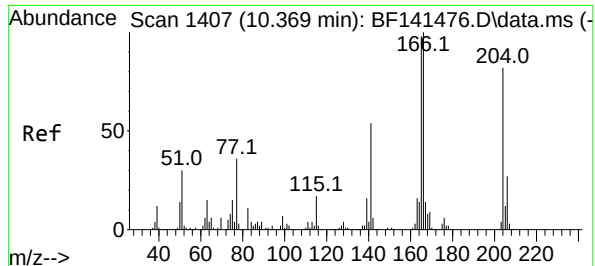
Tgt Ion:232 Resp: 148475
Ion Ratio Lower Upper
232 100
131 47.0 39.2 58.8
130 2.5 2.1 3.1
166 30.3 25.1 37.7



#60
Diethylphthalate
Concen: 43.716 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:149 Resp: 562496
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.4 10.1 15.1

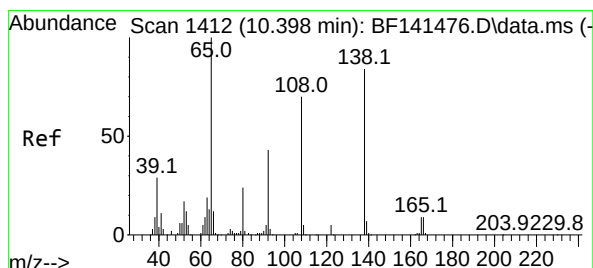
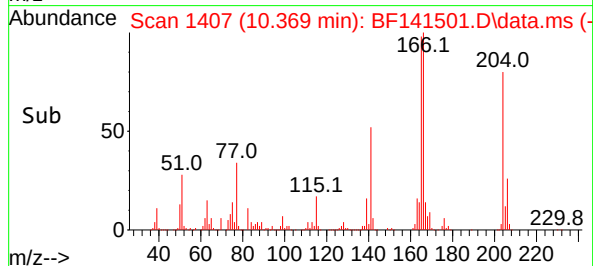
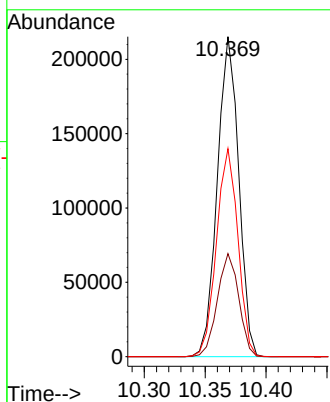
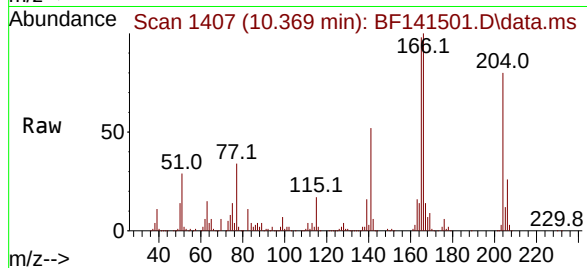




#61
4-Chlorophenyl-phenylether
Concen: 43.682 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

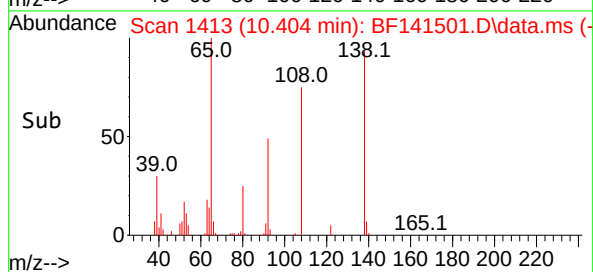
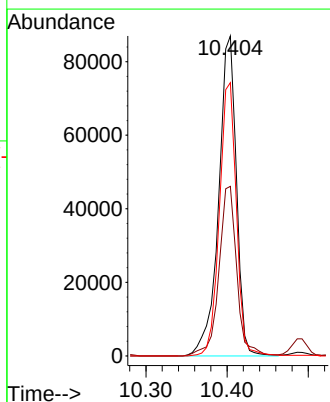
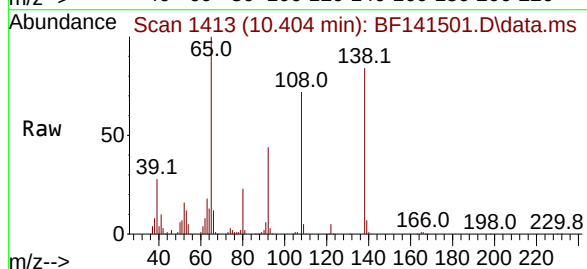
Instrument :
BNA_F
ClientSampleId :
PB166567BS

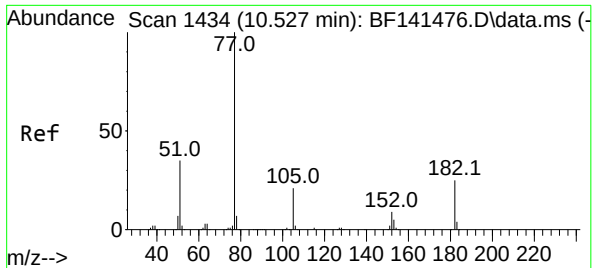
Tgt Ion:204 Resp: 263390
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 65.0 51.9 77.9



#62
4-Nitroaniline
Concen: 42.522 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:138 Resp: 132859
Ion Ratio Lower Upper
138 100
92 53.0 31.3 71.3
108 85.4 63.7 103.7

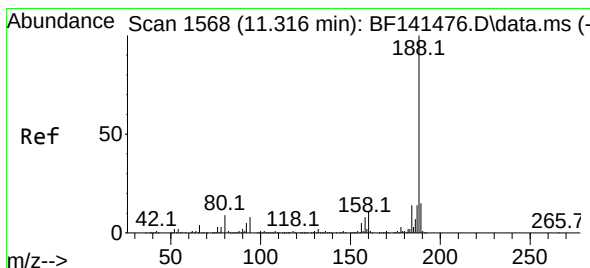
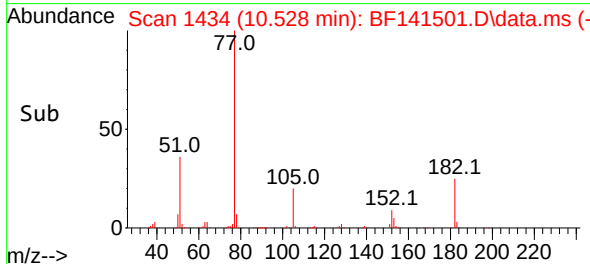
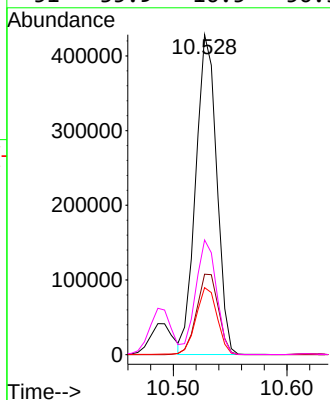
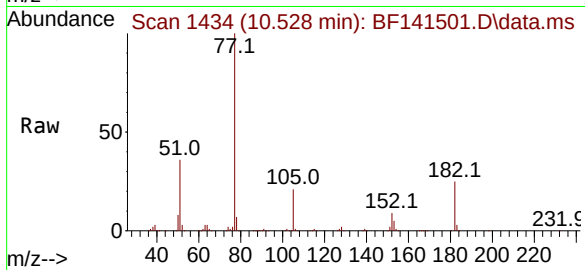




#63
Azobenzene
Concen: 42.932 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

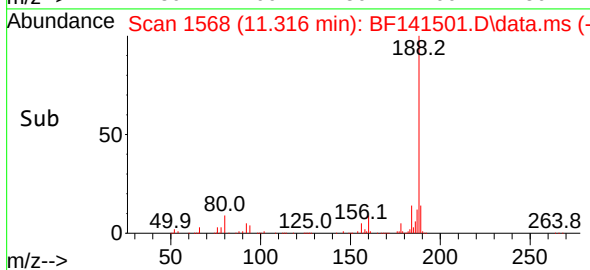
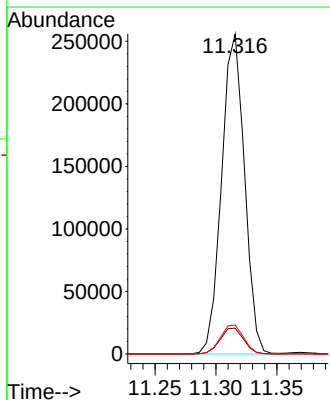
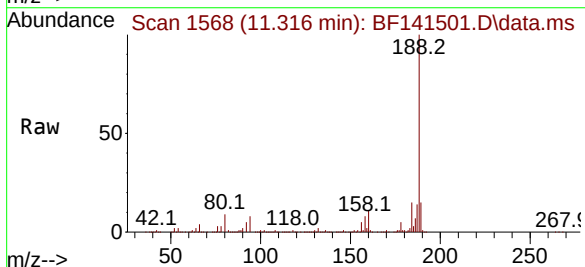
Instrument :
BNA_F
ClientSampleId :
PB166567BS

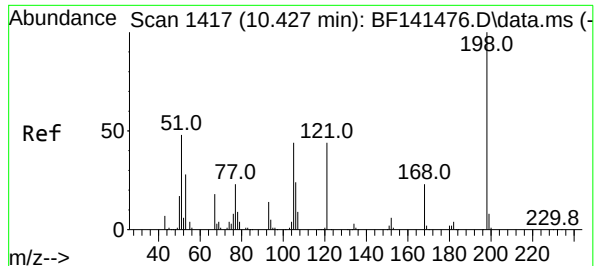
Tgt Ion: 77 Resp: 549166
Ion Ratio Lower Upper
77 100
182 25.2 4.7 44.7
105 21.0 0.4 40.4
51 35.9 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion: 188 Resp: 334566
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 9.0 7.3 10.9

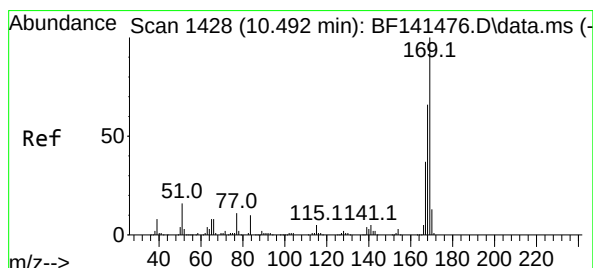
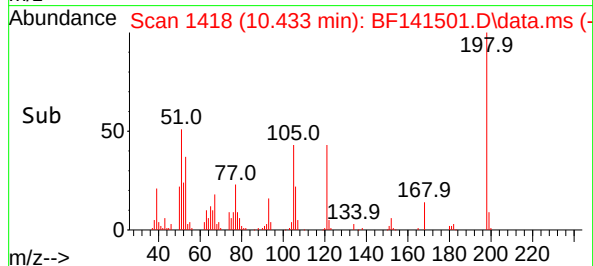
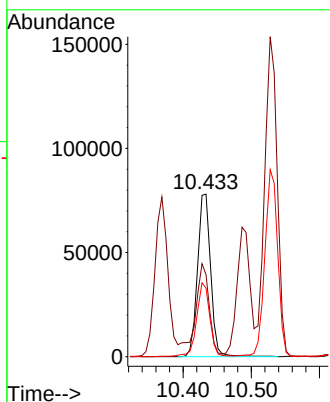
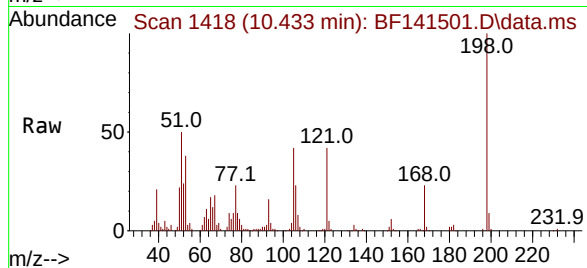




#65
4,6-Dinitro-2-methylphenol
Concen: 44.926 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

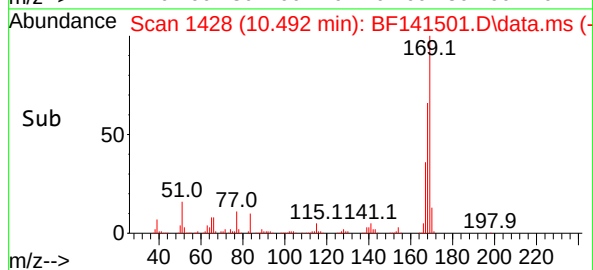
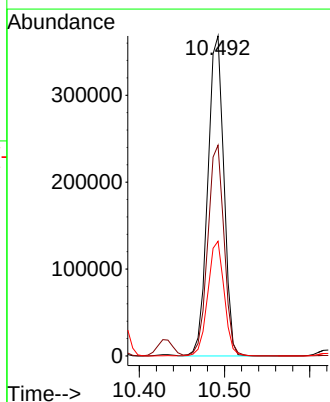
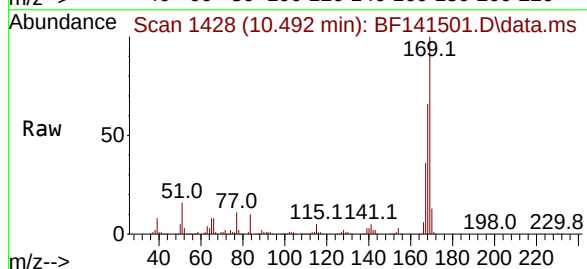
Instrument :
BNA_F
ClientSampleId :
PB166567BS

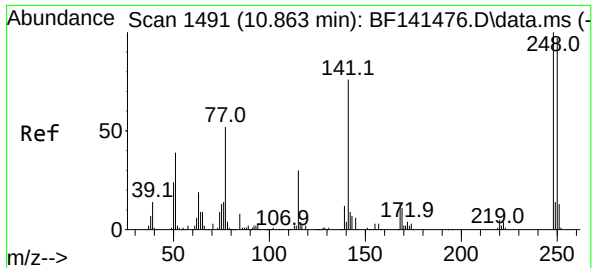
Tgt Ion:198 Resp: 104411
Ion Ratio Lower Upper
198 100
51 50.4 37.4 77.4
105 42.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 44.963 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:169 Resp: 481543
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 35.8 29.4 44.2

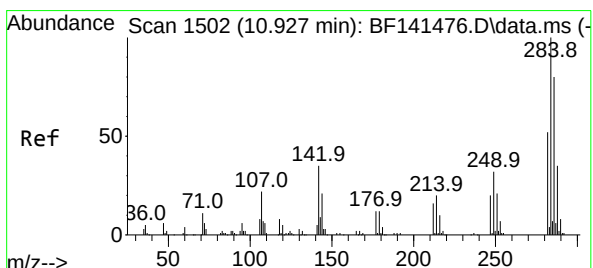
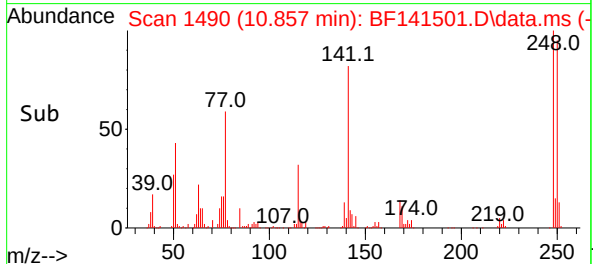
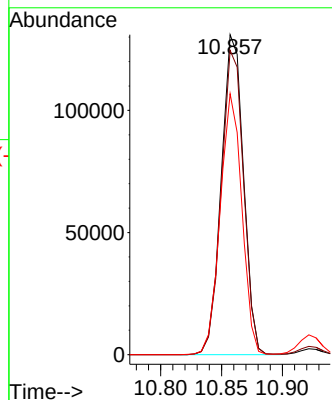
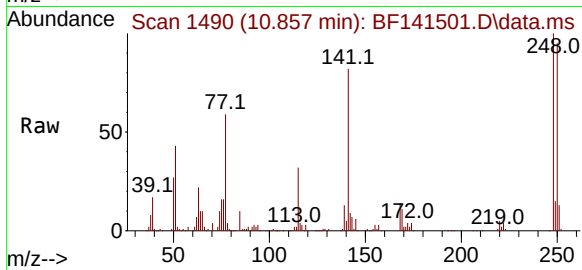




#67
4-Bromophenyl-phenylether
Concen: 44.525 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

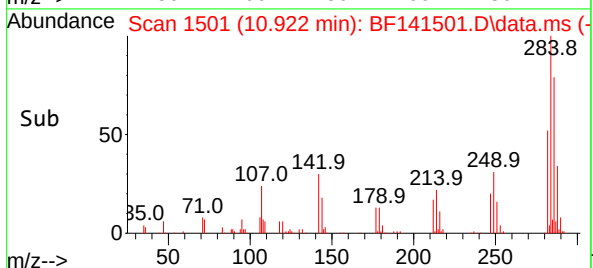
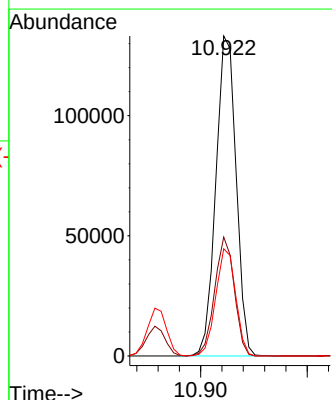
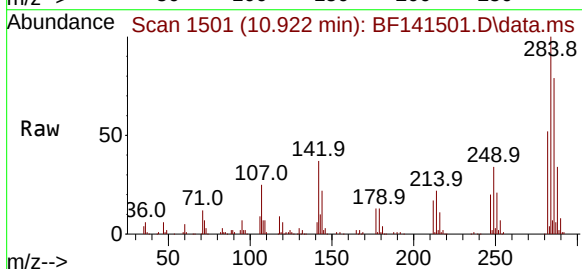
Instrument :
BNA_F
ClientSampleId :
PB166567BS

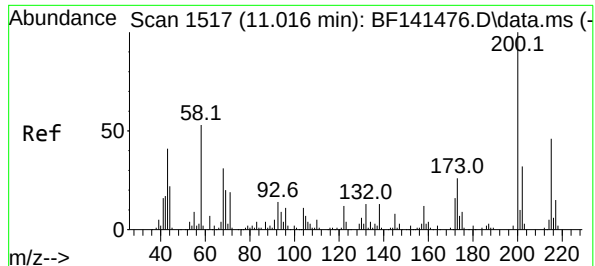
Tgt Ion:248 Resp: 166489
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.6
141 81.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:284 Resp: 175664
Ion Ratio Lower Upper
284 100
142 37.1 28.0 42.0
249 33.5 25.8 38.8





#69

Atrazine

Concen: 56.615 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

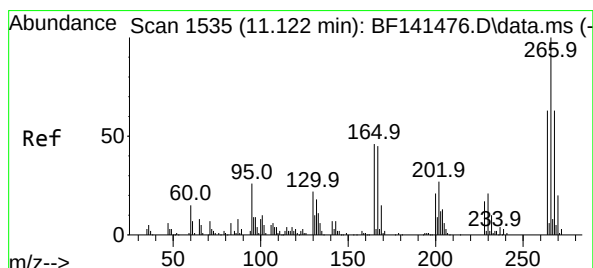
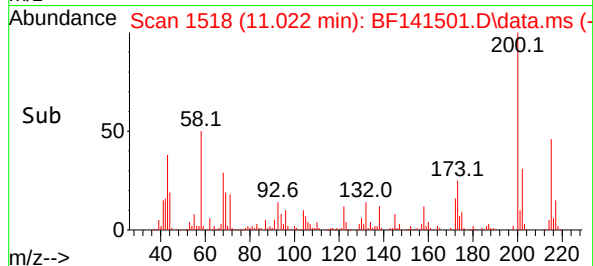
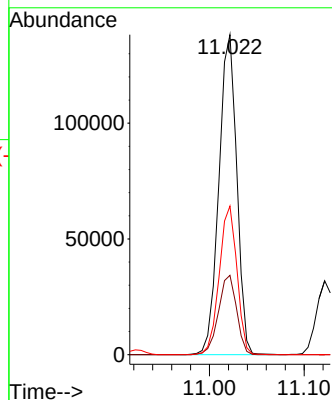
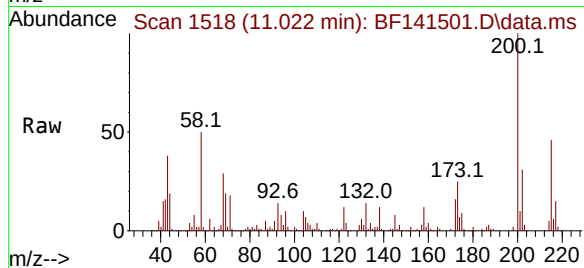
Tgt Ion:200 Resp: 181900

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 46.4 25.9 65.9



#70

Pentachlorophenol

Concen: 90.057 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

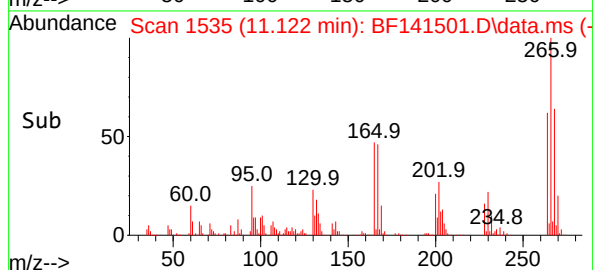
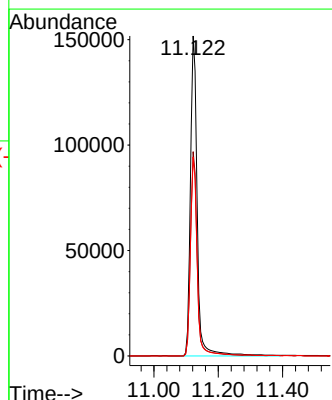
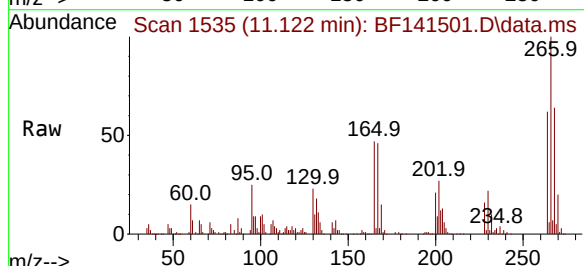
Tgt Ion:266 Resp: 221721

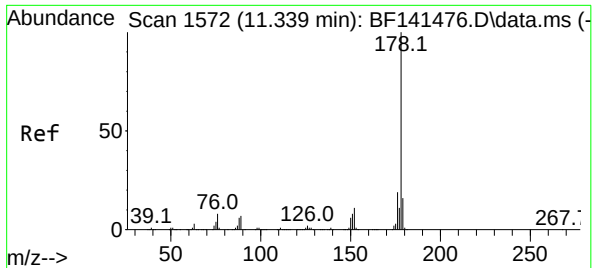
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 62.2 50.1 75.1





#71

Phenanthrene

Concen: 44.636 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

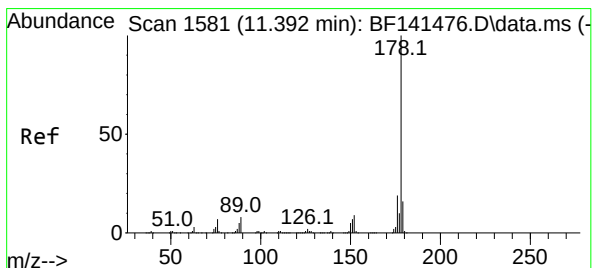
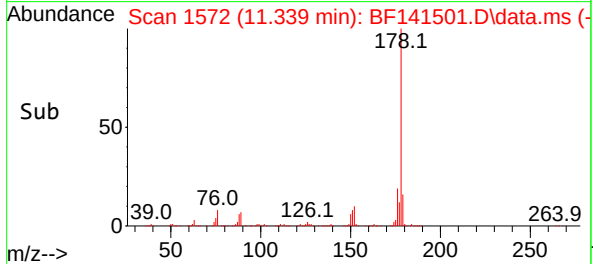
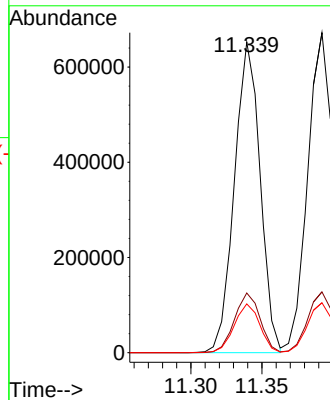
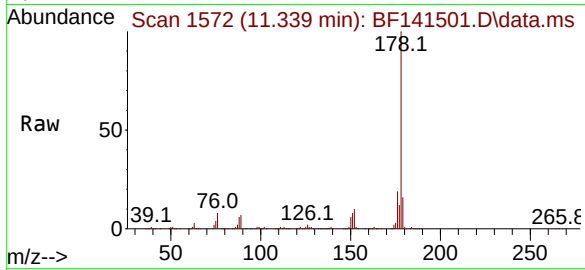
Tgt Ion:178 Resp: 822042

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.7 12.4 18.6



#72

Anthracene

Concen: 45.676 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

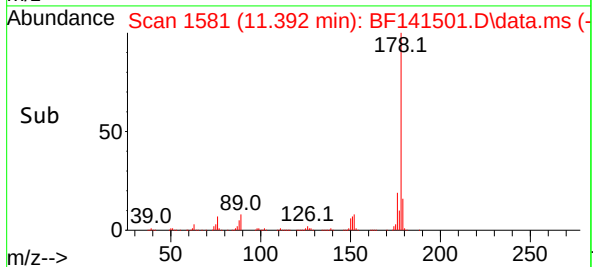
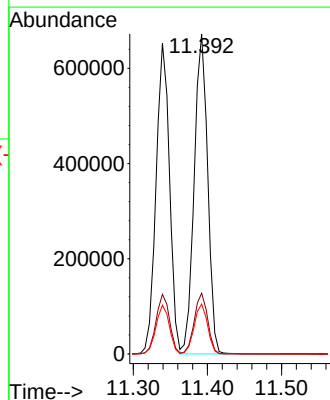
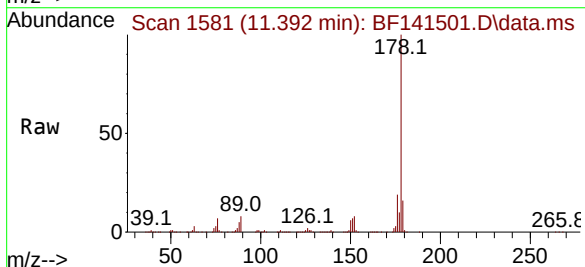
Tgt Ion:178 Resp: 845599

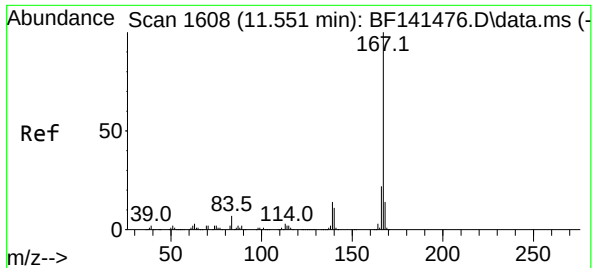
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 15.6 12.4 18.6

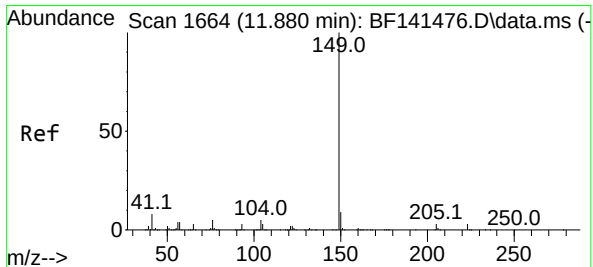
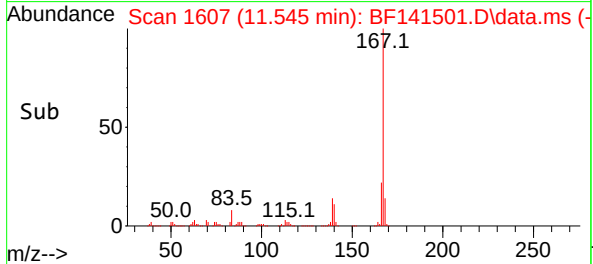
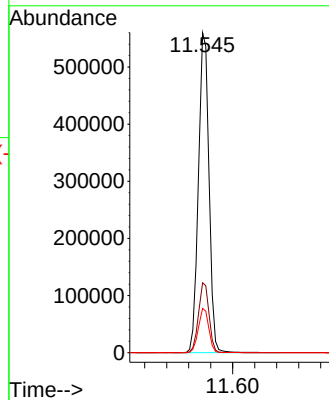
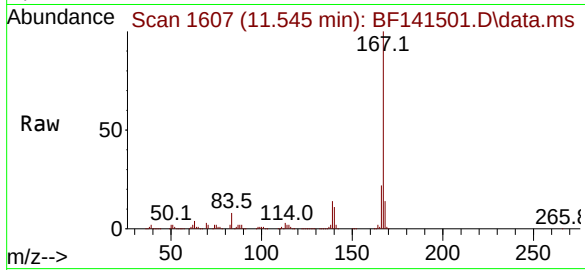




#73
Carbazole
Concen: 44.958 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

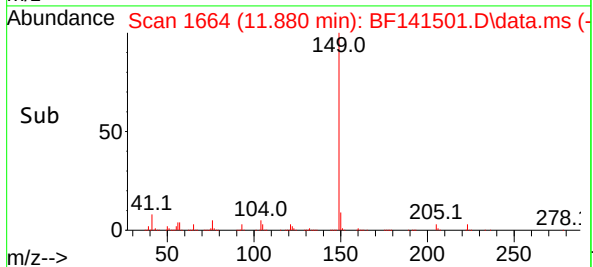
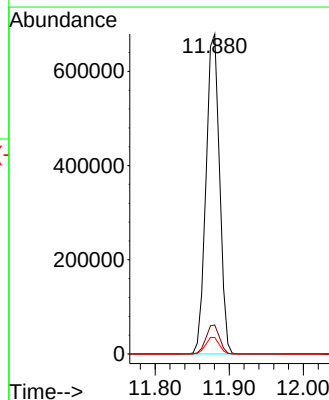
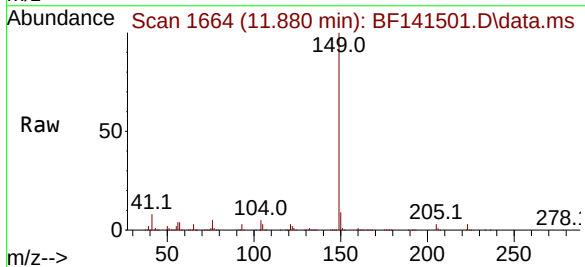
Instrument :
BNA_F
ClientSampleId :
PB166567BS

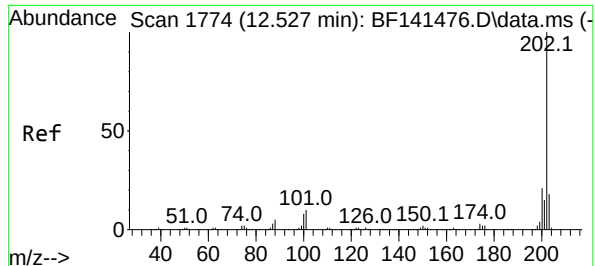
Tgt Ion:167 Resp: 748904
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.8 10.9 16.3



#74
Di-n-butylphthalate
Concen: 44.864 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:149 Resp: 862929
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.2 4.2 6.2

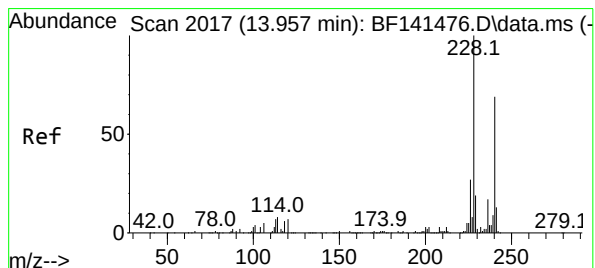
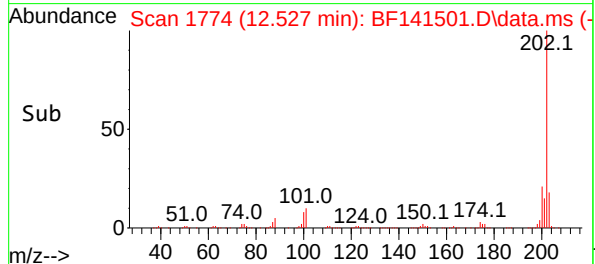
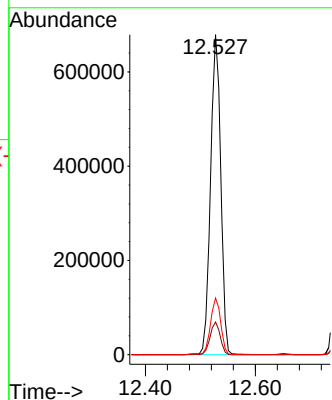
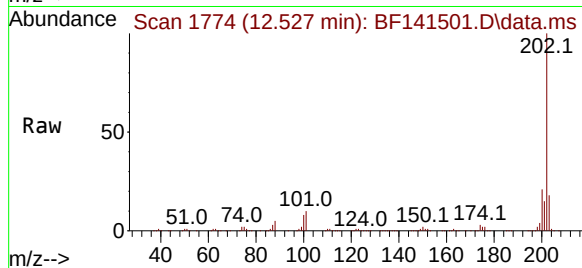




#75
Fluoranthene
Concen: 44.685 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

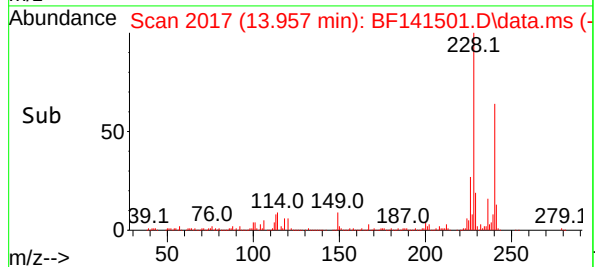
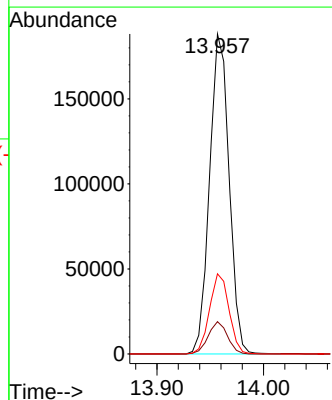
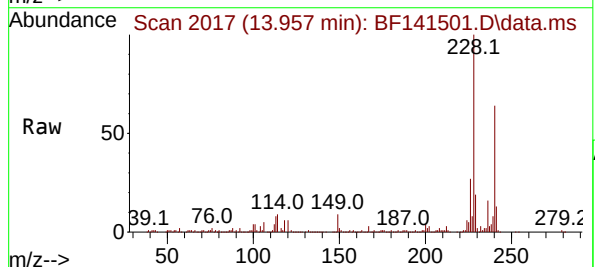
Instrument :
BNA_F
ClientSampleId :
PB166567BS

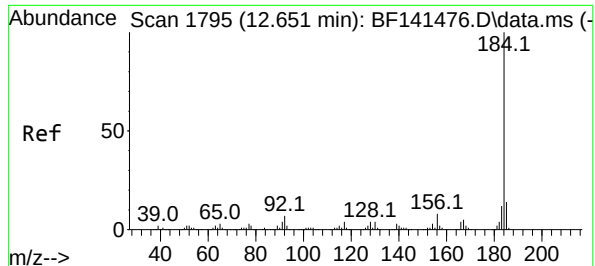
Tgt Ion:202 Resp: 872480
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:240 Resp: 239866
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.0 19.8 29.8





#77

Benzidine

Concen: 71.016 ng

RT: 12.651 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

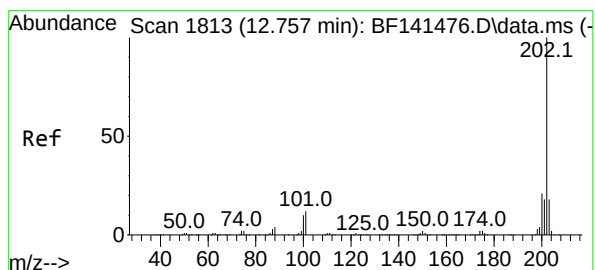
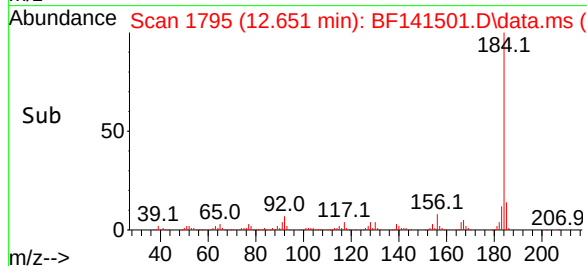
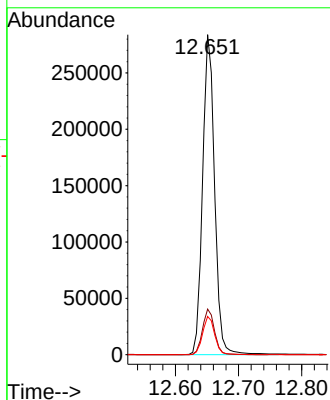
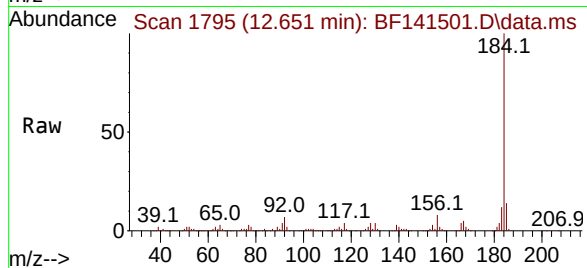
Tgt Ion:184 Resp: 375680

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 11.9 9.3 13.9



#78

Pyrene

Concen: 43.952 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

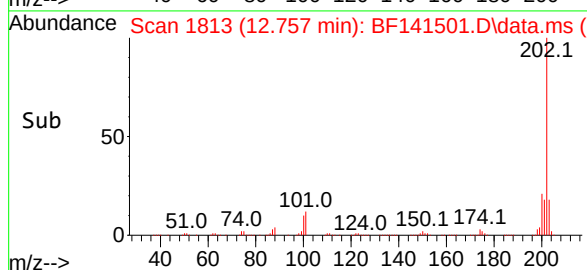
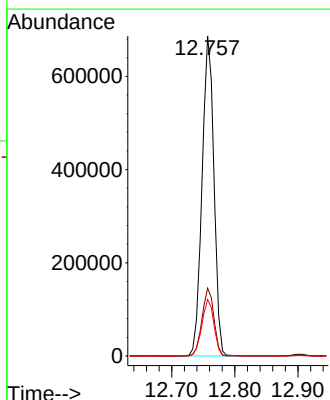
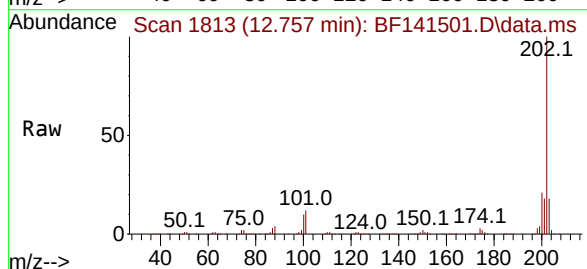
Tgt Ion:202 Resp: 897451

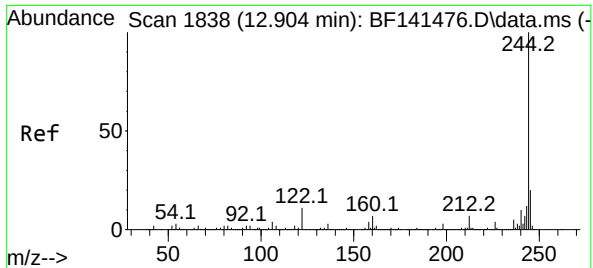
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.7 14.3 21.5

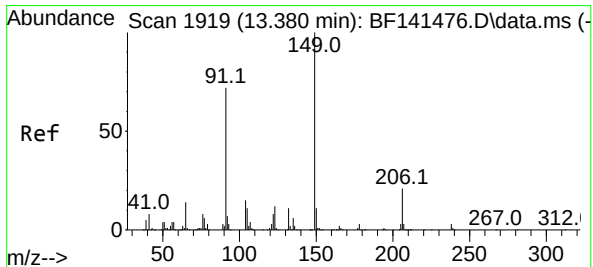
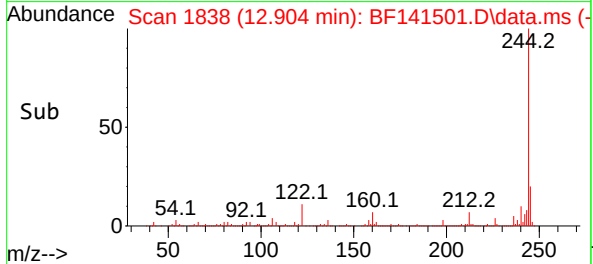
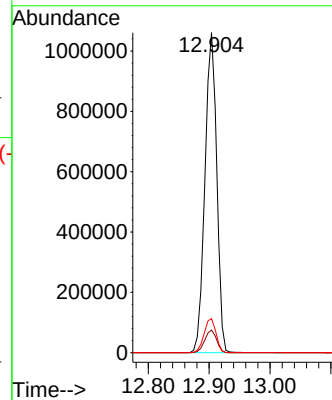
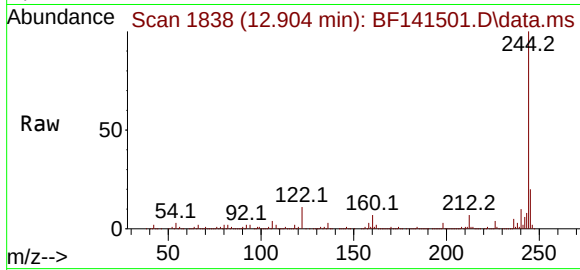




#79
Terphenyl-d14
Concen: 100.093 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

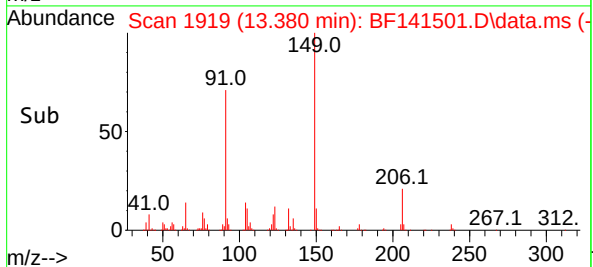
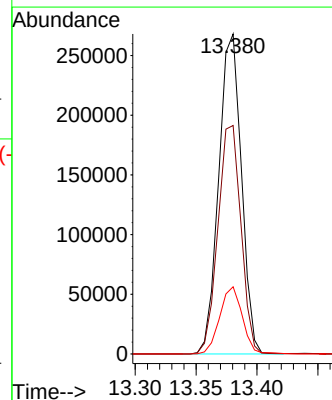
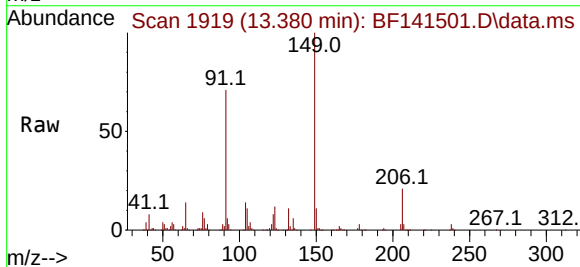
Instrument :
BNA_F
ClientSampleId :
PB166567BS

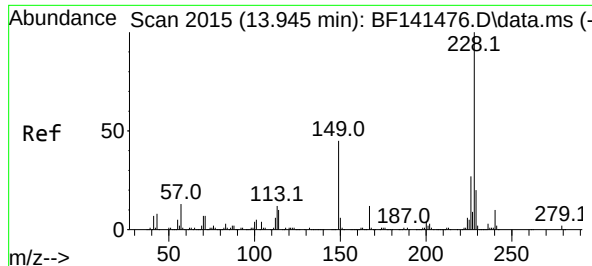
Tgt Ion:244 Resp: 1422177
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.6 8.4 12.6



#80
Butylbenzylphthalate
Concen: 49.140 ng
RT: 13.380 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

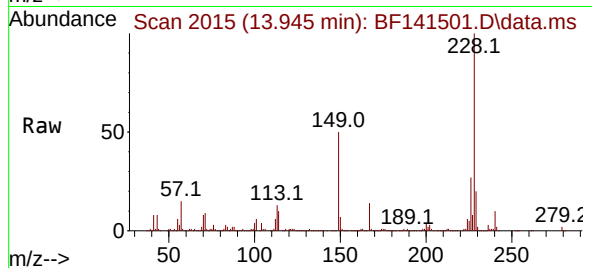
Tgt Ion:149 Resp: 347546
Ion Ratio Lower Upper
149 100
91 71.4 57.8 86.8
206 21.0 16.7 25.1



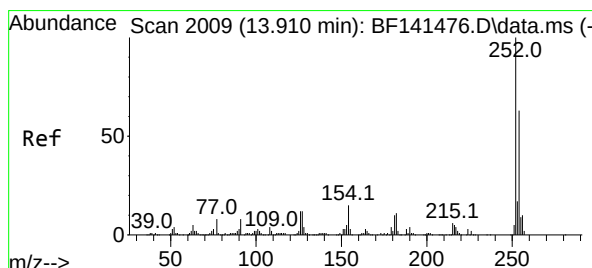
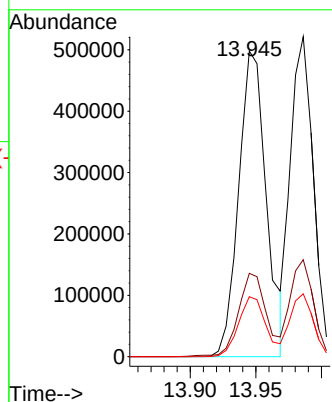
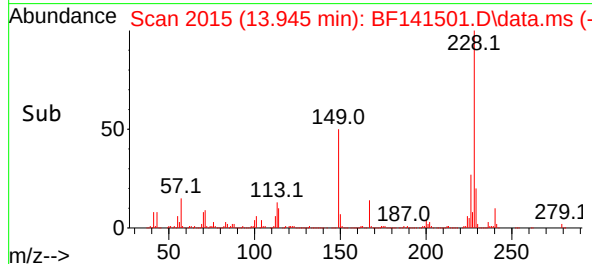


#81
Benzo(a)anthracene
Concen: 45.818 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

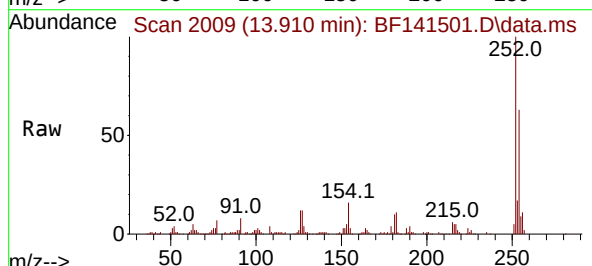
Instrument :
BNA_F
ClientSampleId :
PB166567BS



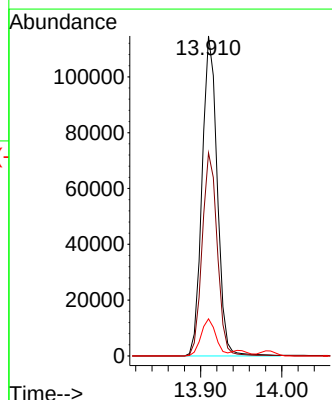
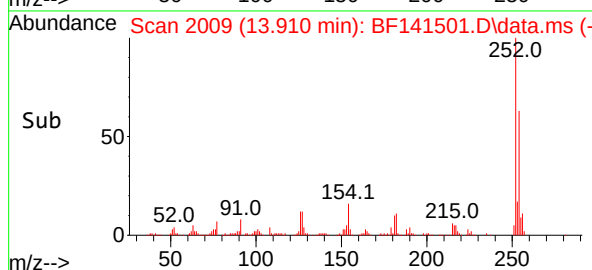
Tgt Ion:228 Resp: 730557
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

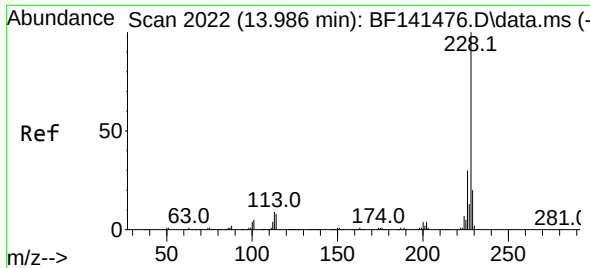


#82
3,3'-Dichlorobenzidine
Concen: 32.567 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06



Tgt Ion:252 Resp: 148747
Ion Ratio Lower Upper
252 100
254 63.5 50.6 76.0
126 11.6 9.3 13.9

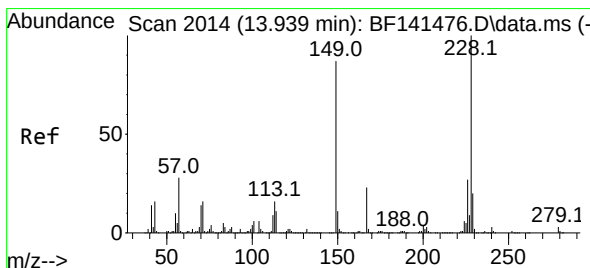
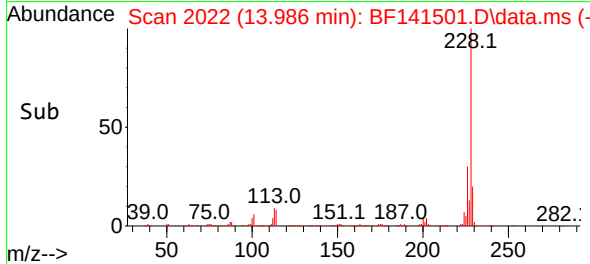
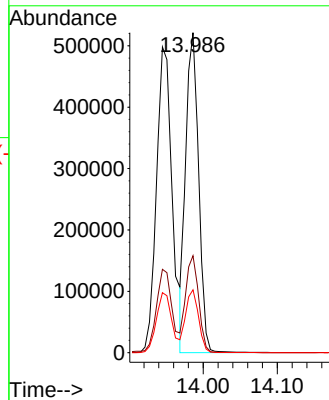
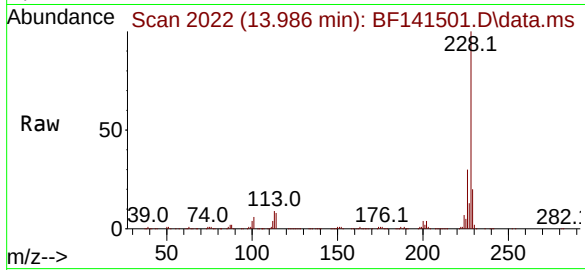




#83
Chrysene
Concen: 43.035 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

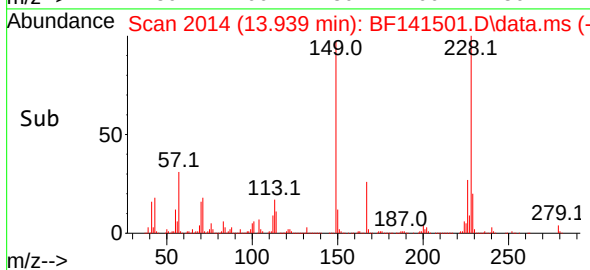
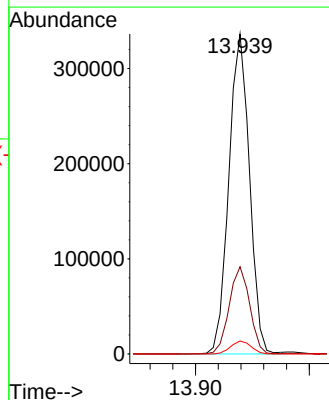
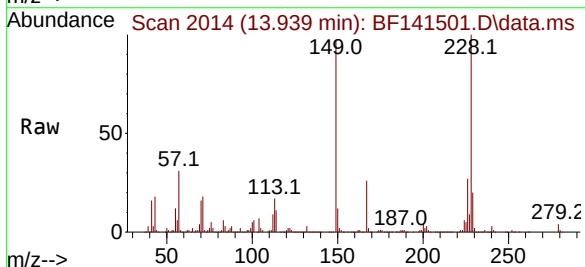
Instrument :
BNA_F
ClientSampleId :
PB166567BS

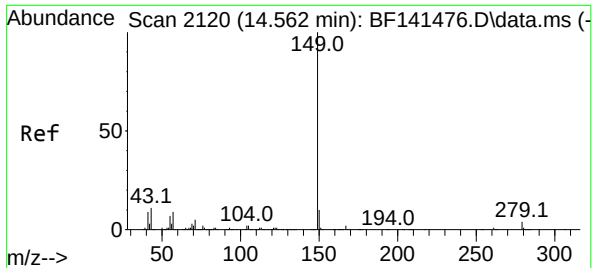
Tgt Ion:228 Resp: 633579
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.101 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:149 Resp: 423571
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 4.0 3.1 4.7

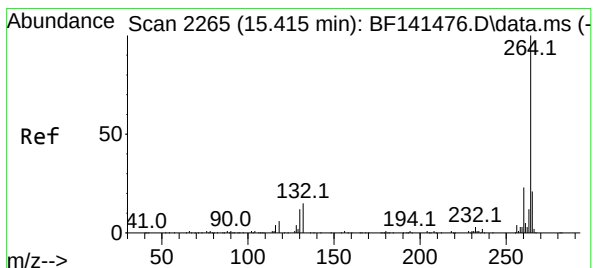
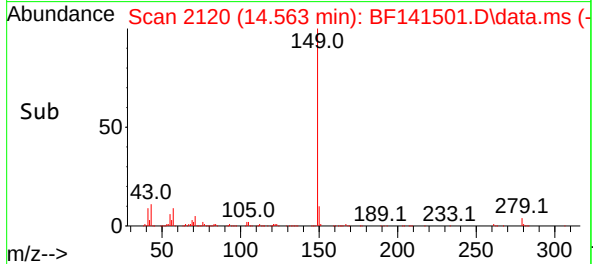
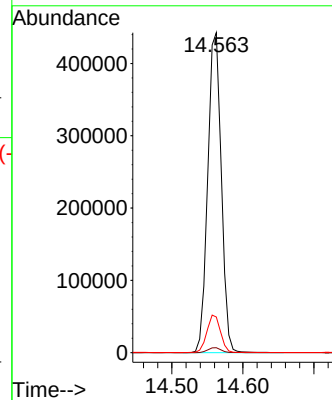
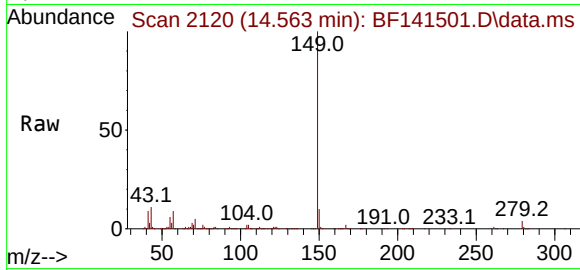




#85
Di-n-octyl phthalate
Concen: 51.751 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

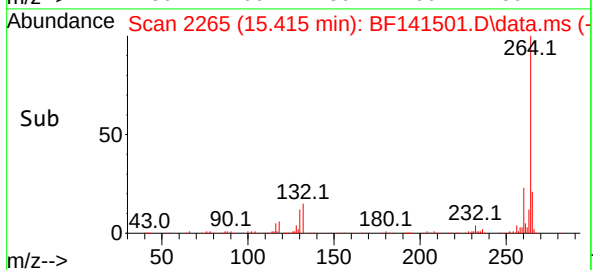
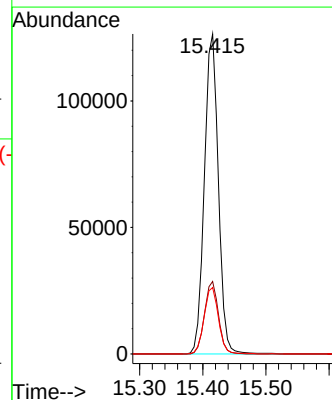
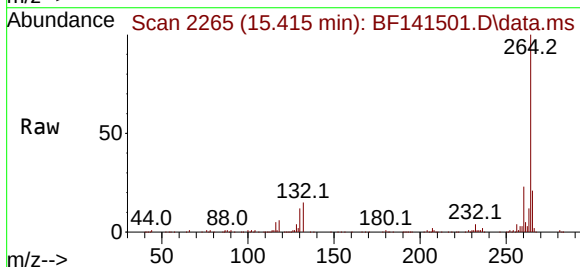
Instrument :
BNA_F
ClientSampleId :
PB166567BS

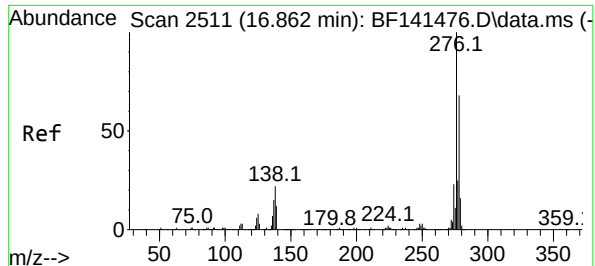
Tgt Ion:149 Resp: 588899
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF141501.D
Acq: 07 Feb 2025 12:06

Tgt Ion:264 Resp: 194232
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.489 ng

RT: 16.857 min Scan# 2193

Delta R.T. -0.017 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

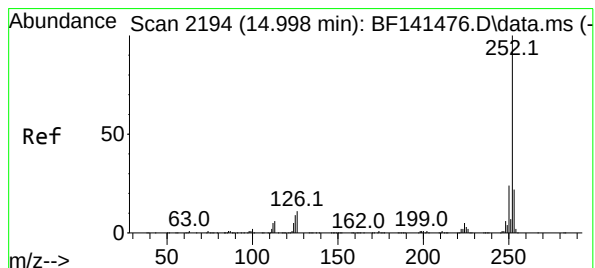
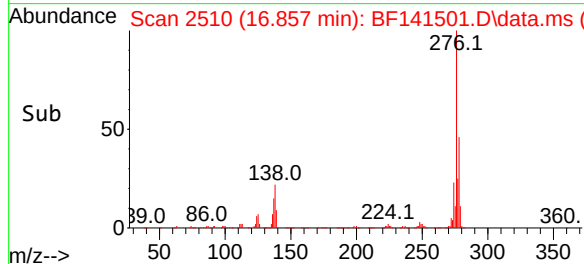
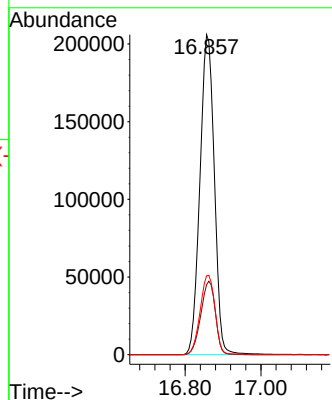
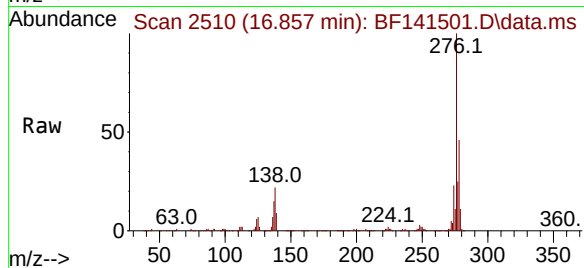
Tgt Ion:276 Resp: 545937

Ion Ratio Lower Upper

276 100

138 23.0 18.0 27.0

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.068 ng

RT: 14.992 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

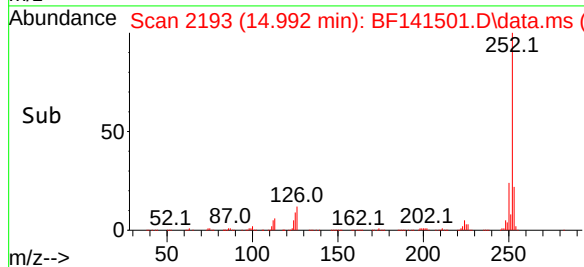
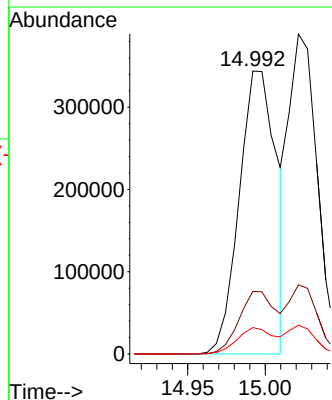
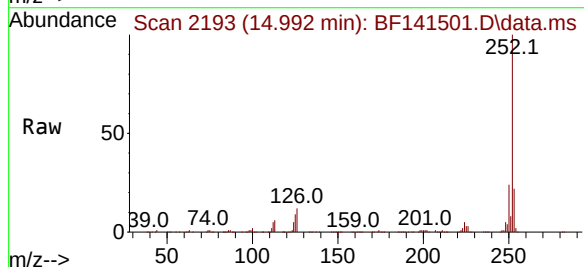
Tgt Ion:252 Resp: 574722

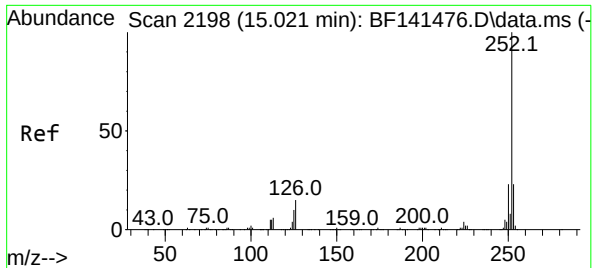
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.918 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

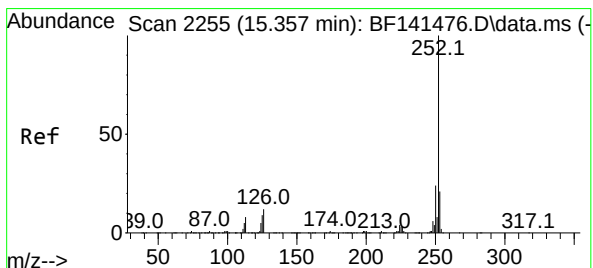
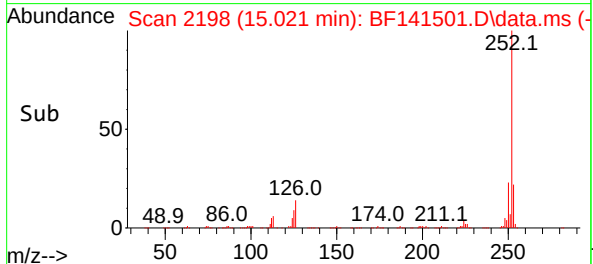
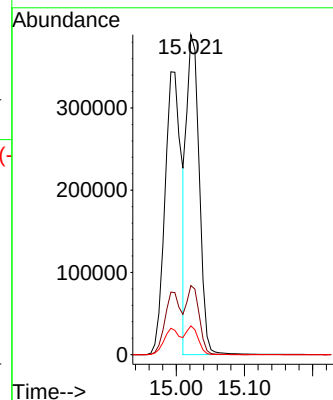
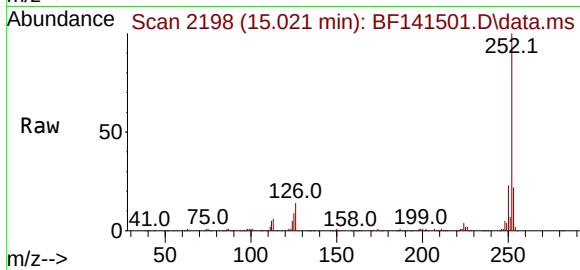
Tgt Ion:252 Resp: 500225

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 9.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.212 ng

RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

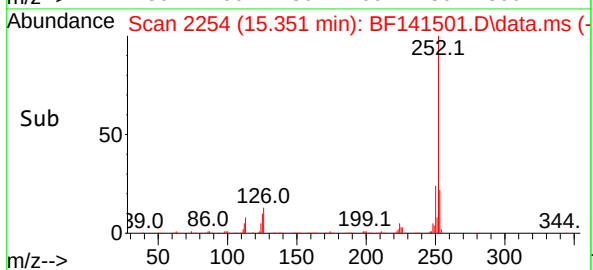
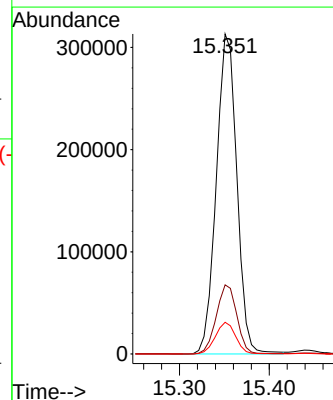
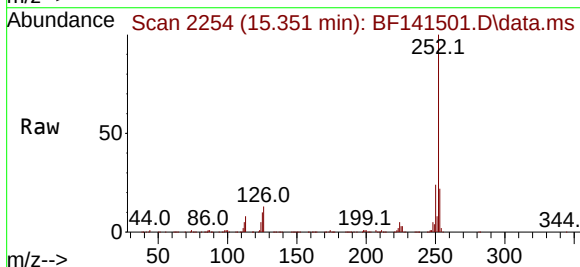
Tgt Ion:252 Resp: 498225

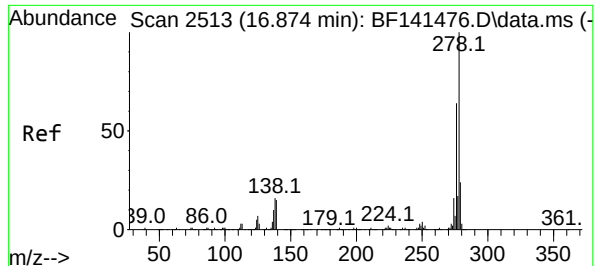
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 9.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.041 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.017 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

Instrument :

BNA_F

ClientSampleId :

PB166567BS

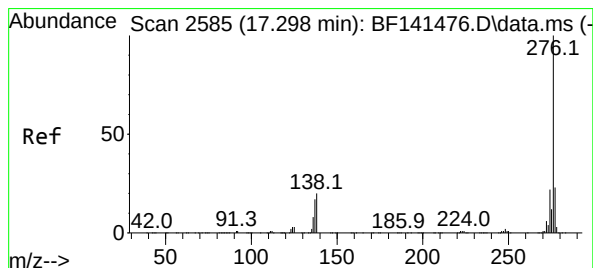
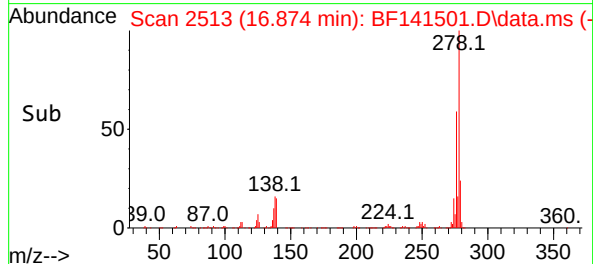
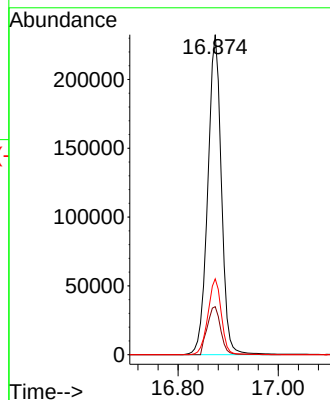
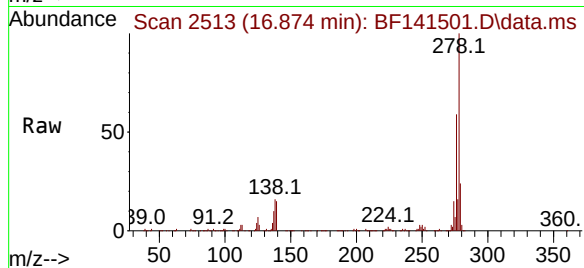
Tgt Ion:278 Resp: 438007

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.446 ng

RT: 17.292 min Scan# 2584

Delta R.T. -0.023 min

Lab File: BF141501.D

Acq: 07 Feb 2025 12:06

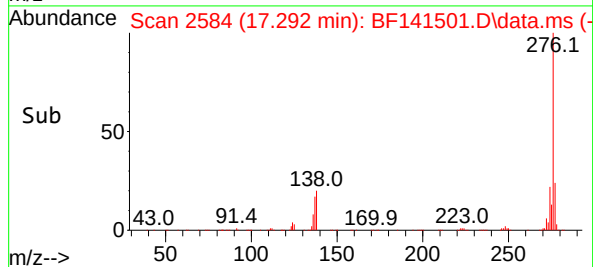
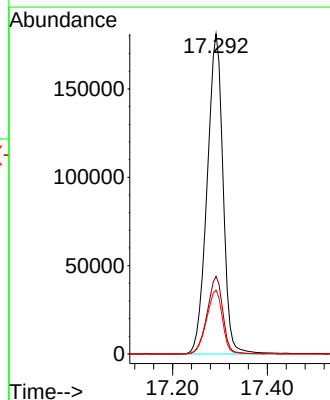
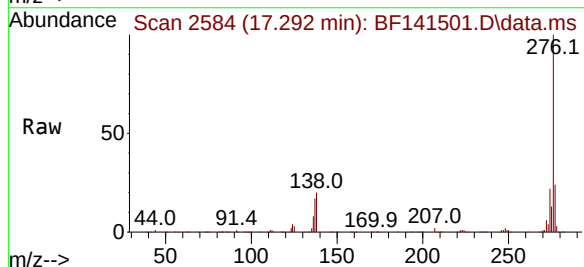
Tgt Ion:276 Resp: 421766

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 19.9 15.9 23.9



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB166567BSD	SDG No.:	Q1282
Lab Sample ID:	PB166567BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141502.D	1	02/05/25 09:02	02/07/25 12:32	PB166567

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	44.0		0.93	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.7		0.84	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.9		1.10	5.00	ug/L
91-20-3	Naphthalene	42.0		1.00	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	137		15 (10) - 110 (139)	91%	SPK: 150
13127-88-3	Phenol-d6	135		15 (10) - 110 (134)	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.5		30 (49) - 130 (133)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.8		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		15 (44) - 110 (137)	92%	SPK: 150
1718-51-0	Terphenyl-d14	98.3		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	84900	6.787			
1146-65-2	Naphthalene-d8	346000	8.069			
15067-26-2	Acenaphthene-d10	190000	9.828			
1517-22-2	Phenanthrene-d10	334000	11.316			
1719-03-5	Chrysene-d12	235000	13.957			
1520-96-3	Perylene-d12	190000	15.41			

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\BF020725\
 Data File : BF141502.D
 Acq On : 07 Feb 2025 12:32
 Operator : RC/JU
 Sample : PB166567BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD

Quant Time: Feb 07 13:02:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84896	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	345705	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190426	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	334349	20.000	ng	0.00
76) Chrysene-d12	13.957	240	235381	20.000	ng	0.00
86) Perylene-d12	15.410	264	189950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	741877	137.000	ng	0.01
7) Phenol-d6	6.434	99	922834	134.832	ng	0.00
23) Nitrobenzene-d5	7.357	82	612839	92.462	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	263972	137.995	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1146843	92.785	ng	0.00
79) Terphenyl-d14	12.904	244	1370670	98.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	90791	41.657	ng	99
3) Pyridine	3.316	79	213018	41.073	ng	99
4) n-Nitrosodimethylamine	3.263	42	147515	42.956	ng	100
6) Aniline	6.451	93	229878	35.805	ng	92
8) 2-Chlorophenol	6.575	128	264156	45.145	ng	99
9) Benzaldehyde	6.340	77	182553	50.192	ng	98
10) Phenol	6.445	94	313580	44.020	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	236451	44.191	ng	99
12) 1,3-Dichlorobenzene	6.728	146	269319	43.598	ng	99
13) 1,4-Dichlorobenzene	6.804	146	275542	43.657	ng	100
14) 1,2-Dichlorobenzene	6.957	146	263017	44.900	ng	99
15) Benzyl Alcohol	6.934	79	226343	43.125	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	403966	44.105	ng	84
17) 2-Methylphenol	7.051	107	203861	44.521	ng	98
18) Hexachloroethane	7.298	117	105665	45.237	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	181427	44.315	ng	100
20) 3+4-Methylphenols	7.204	107	264276	45.414	ng	98
22) Acetophenone	7.198	105	403625	46.935	ng	99
24) Nitrobenzene	7.375	77	278874	43.148	ng	99
25) Isophorone	7.610	82	490509	46.414	ng	99
26) 2-Nitrophenol	7.687	139	141721	44.074	ng	98
27) 2,4-Dimethylphenol	7.728	122	209718	55.829	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	297572	43.942	ng	99
29) 2,4-Dichlorophenol	7.934	162	220070	43.360	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	237143	42.906	ng	99
31) Naphthalene	8.092	128	756556	42.042	ng	100
32) Benzoic acid	7.863	122	183144	46.938	ng	98
33) 4-Chloroaniline	8.145	127	103836	16.527	ng	97
34) Hexachlorobutadiene	8.210	225	143575	43.271	ng	98
35) Caprolactam	8.516	113	76513m	49.512	ng	
36) 4-Chloro-3-methylphenol	8.634	107	244926	43.564	ng	99
37) 2-Methylnaphthalene	8.787	142	483722	41.308	ng	100
38) 1-Methylnaphthalene	8.881	142	469009	41.353	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	261229	47.416	ng	99
41) Hexachlorocyclopentadiene	8.939	237	290884	158.743	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	155219	43.592	ng	100

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 Acq On : 07 Feb 2025 12:32
 Operator : RC/JU
 Sample : PB166567BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BSD

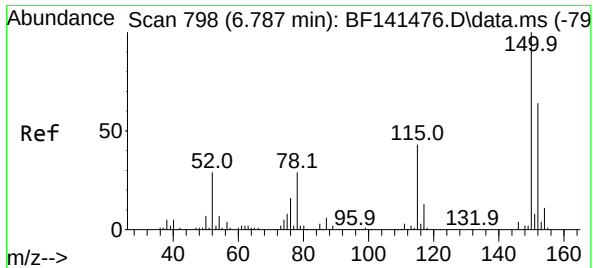
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	166752	43.211	ng	98
46) 1,1'-Biphenyl	9.251	154	691703	46.853	ng	99
47) 2-Chloronaphthalene	9.275	162	481653	44.119	ng	98
48) 2-Nitroaniline	9.369	65	163115	44.521	ng	97
49) Acenaphthylene	9.686	152	738260	45.465	ng	100
50) Dimethylphthalate	9.551	163	565865	43.772	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124153	43.932	ng	100
52) Acenaphthene	9.863	154	463315	42.441	ng	99
53) 3-Nitroaniline	9.781	138	68550	22.537	ng	97
54) 2,4-Dinitrophenol	9.898	184	164968	98.219	ng	95
55) Dibenzofuran	10.033	168	670050	41.817	ng	100
56) 4-Nitrophenol	9.963	139	214465	94.983	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175190	46.566	ng	98
58) Fluorene	10.375	166	533385	43.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	146865	44.205	ng	97
60) Diethylphthalate	10.251	149	545278	42.871	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	256786	43.082	ng	99
62) 4-Nitroaniline	10.404	138	127085	41.147	ng	99
63) Azobenzene	10.528	77	530524	41.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	104179	44.855	ng	99
66) n-Nitrosodiphenylamine	10.492	169	470625	43.972	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	162438	43.470	ng	97
68) Hexachlorobenzene	10.922	284	171632	44.604	ng	98
69) Atrazine	11.022	200	179738	55.978	ng	99
70) Pentachlorophenol	11.122	266	214347	87.118	ng	100
71) Phenanthrene	11.339	178	805732	43.779	ng	100
72) Anthracene	11.392	178	836681	45.224	ng	100
73) Carbazole	11.545	167	729093	43.797	ng	100
74) Di-n-butylphthalate	11.880	149	843535	43.885	ng	100
75) Fluoranthene	12.527	202	847916	43.456	ng	100
77) Benzidine	12.651	184	310473	59.808	ng	99
78) Pyrene	12.757	202	883274	44.082	ng	100
80) Butylbenzylphthalate	13.380	149	339236	48.879	ng	99
81) Benzo(a)anthracene	13.945	228	721820	46.133	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	134663	30.045	ng	100
83) Chrysene	13.986	228	616524	42.674	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	419441	53.585	ng	100
85) Di-n-octyl phthalate	14.557	149	571019	51.136	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	533785	45.480	ng	99
88) Benzo(b)fluoranthene	14.992	252	517921	40.608	ng	100
89) Benzo(k)fluoranthene	15.021	252	523291	48.048	ng	99
90) Benzo(a)pyrene	15.351	252	486823	47.171	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	433758	45.610	ng	99
92) Benzo(g,h,i)perylene	17.286	276	415345	41.735	ng	99

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

Instrument :
BNA_F
ClientSampleId :
PB166567BSD

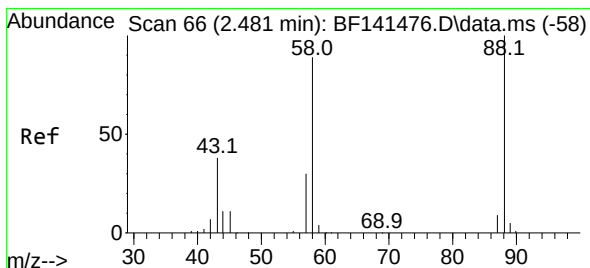
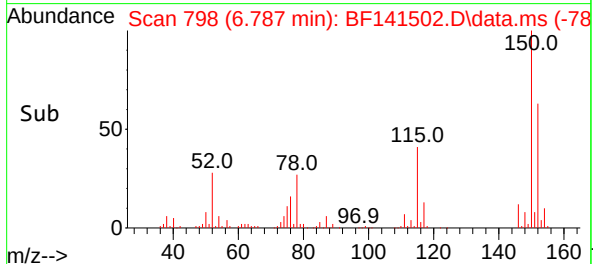
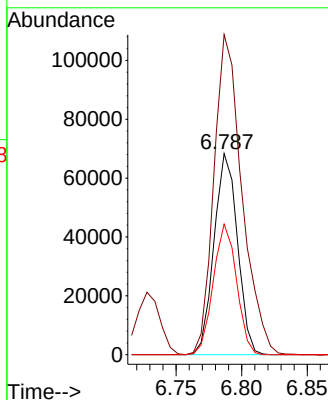
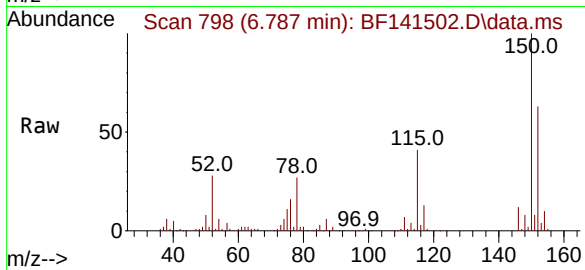
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

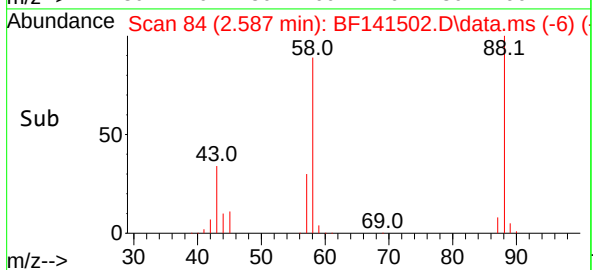
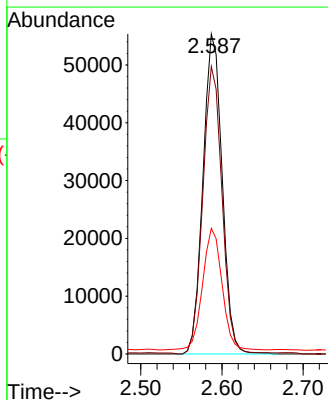
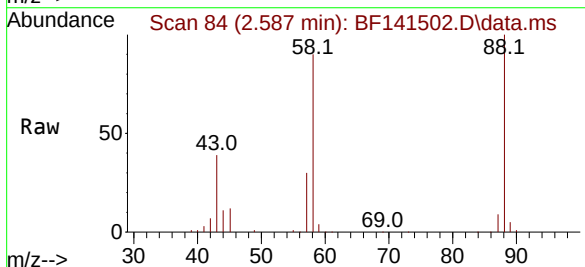
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 ClientSampleId :
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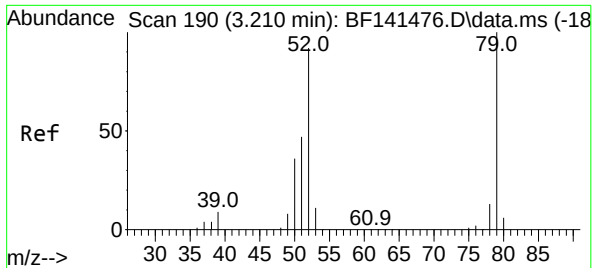
Tgt Ion:152 Resp: 84896
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.0 187.4
 115 64.9 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.657 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.106 min
 Lab File: BF141502.D
 Acq: 07 Feb 2025 12:32

Tgt Ion: 88 Resp: 90791
 Ion Ratio Lower Upper
 88 100
 58 90.3 71.1 106.7
 43 38.3 30.6 46.0





#3

Pyridine

Concen: 41.073 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.100 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

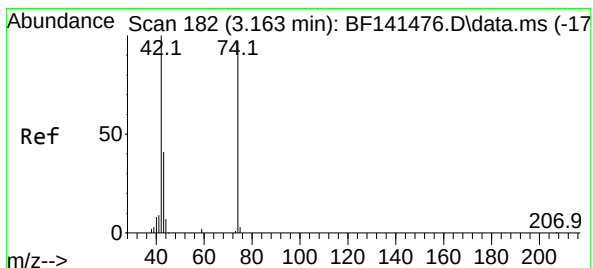
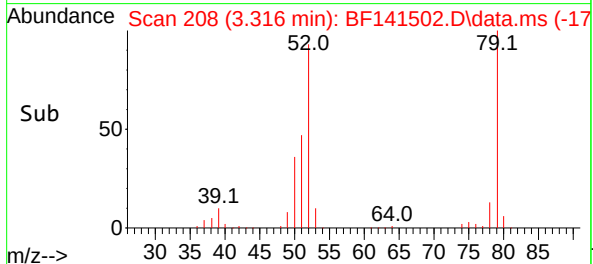
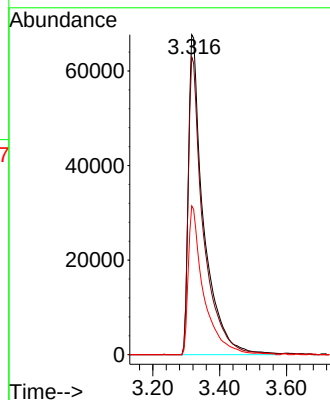
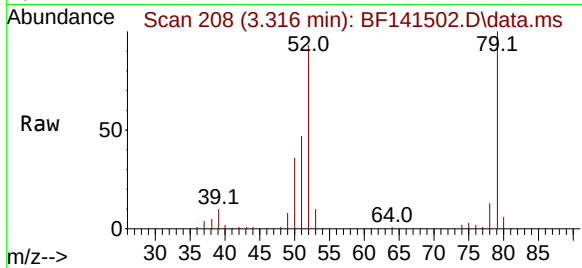
Tgt Ion: 79 Resp: 213018

Ion Ratio Lower Upper

79 100

52 93.0 73.7 110.5

51 46.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.956 ng

RT: 3.263 min Scan# 199

Delta R.T. 0.077 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

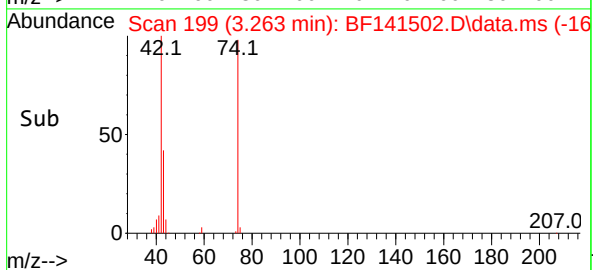
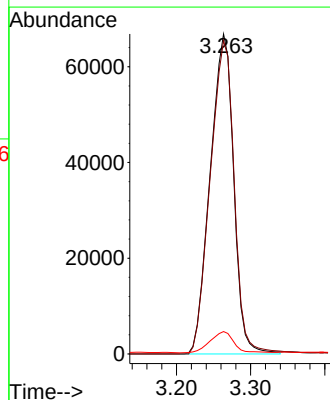
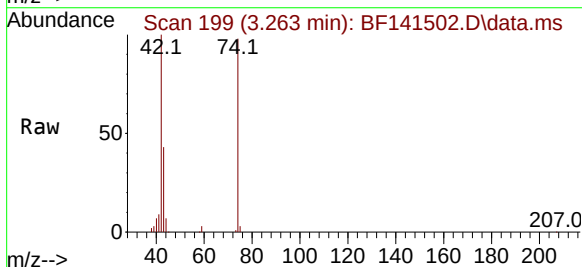
Tgt Ion: 42 Resp: 147515

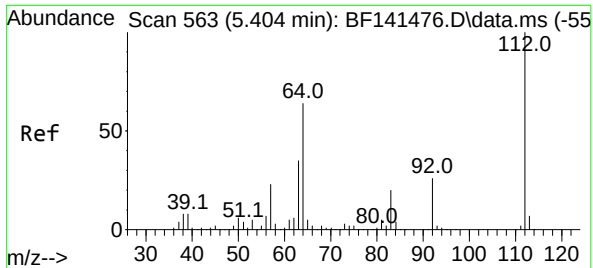
Ion Ratio Lower Upper

42 100

74 97.9 78.0 117.0

44 7.0 5.4 8.2

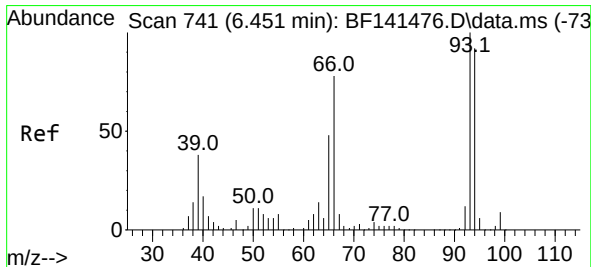
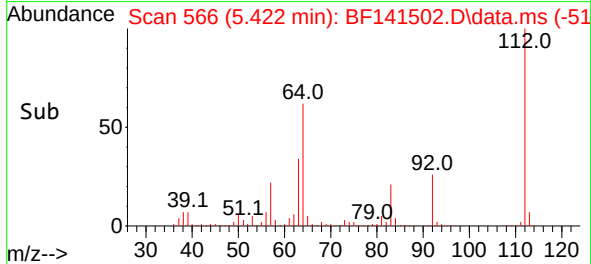
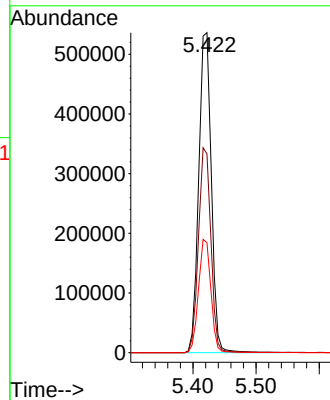
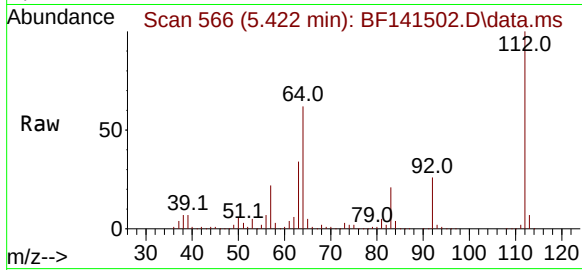




#5
2-Fluorophenol
Concen: 137.000 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

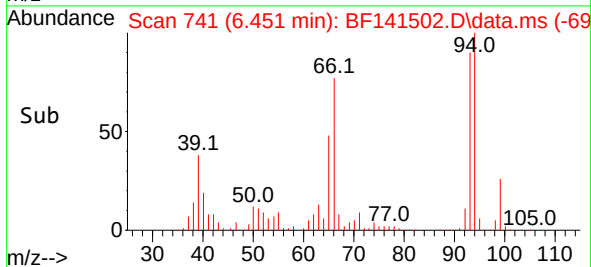
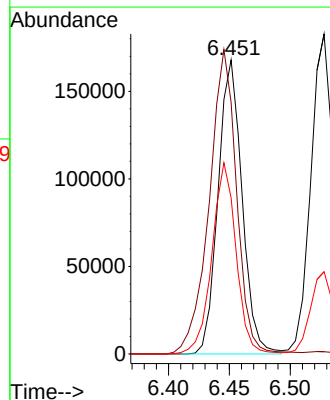
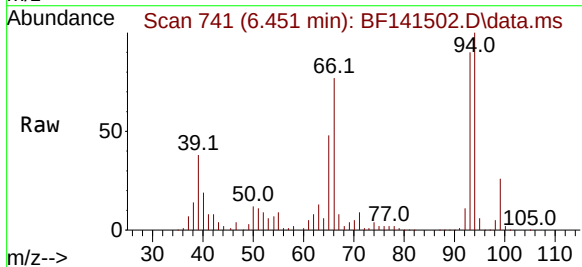
Instrument :
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ClientSampleId :
PB166567BSD

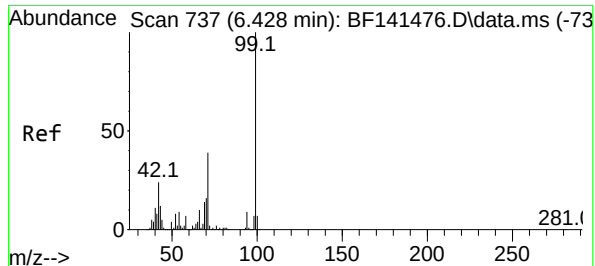
Tgt Ion:112 Resp: 741877
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 34.4 28.4 42.6



#6
Aniline
Concen: 35.805 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion: 93 Resp: 229878
Ion Ratio Lower Upper
93 100
66 85.5 62.6 94.0
65 53.1 38.3 57.5

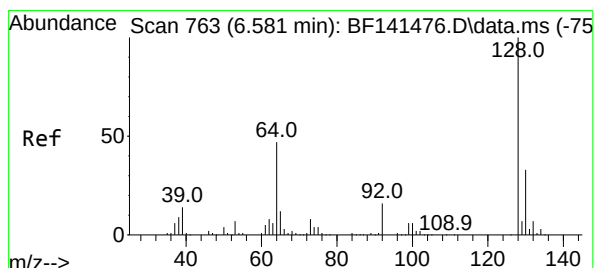
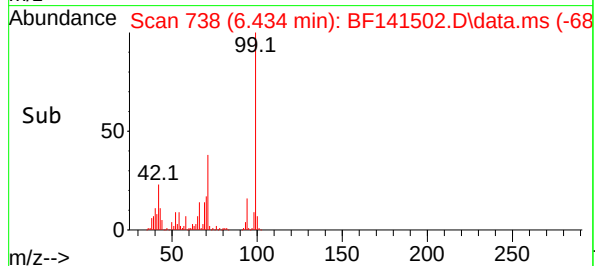
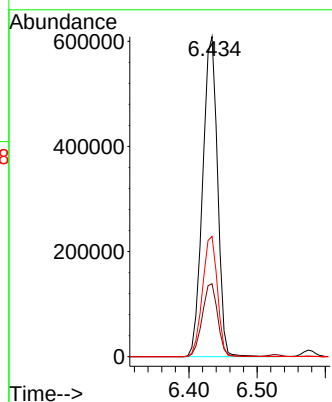
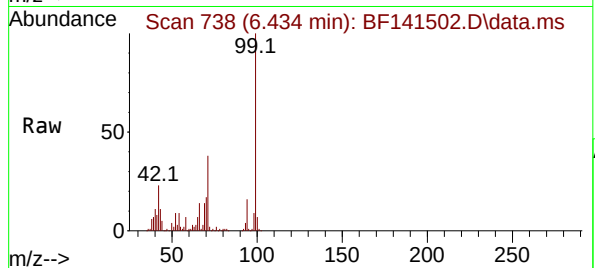




#7
Phenol-d6
Concen: 134.832 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

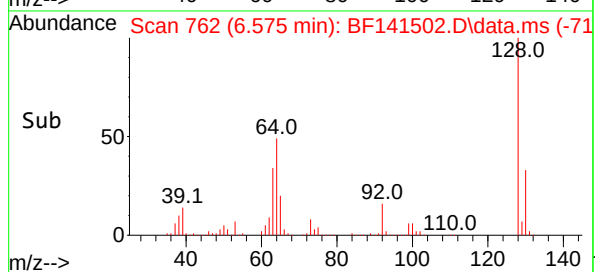
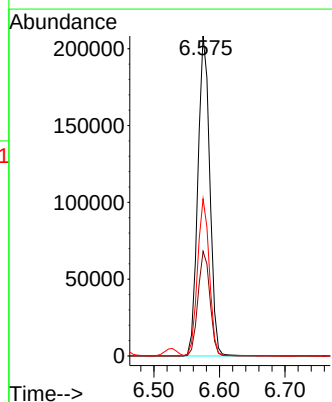
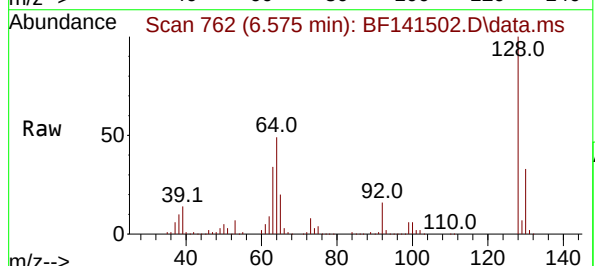
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ClientSampleId :
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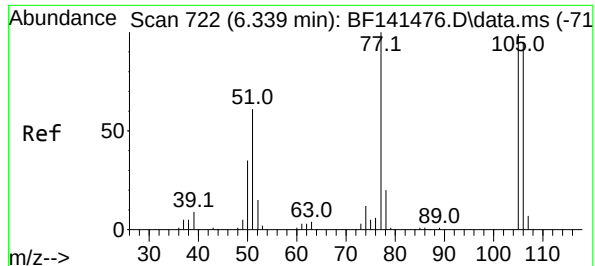
Tgt Ion: 99 Resp: 922834
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 37.6 31.1 46.7



#8
2-Chlorophenol
Concen: 45.145 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion: 128 Resp: 264156
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 49.1 28.3 68.3





#9

Benzaldehyde

Concen: 50.192 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

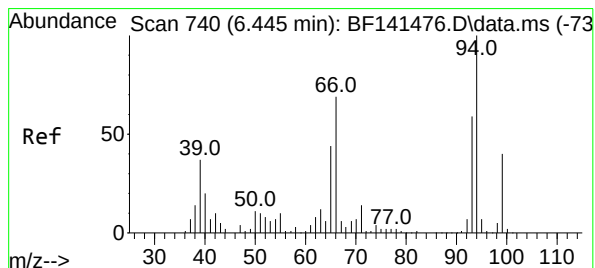
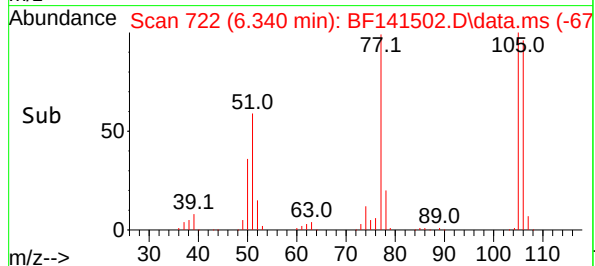
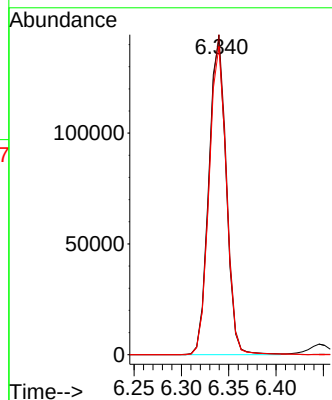
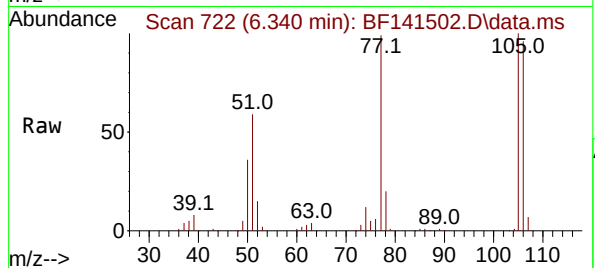
Tgt Ion: 77 Resp: 182553

Ion Ratio Lower Upper

77 100

105 101.3 79.4 119.4

106 97.7 75.1 115.1



#10

Phenol

Concen: 44.020 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

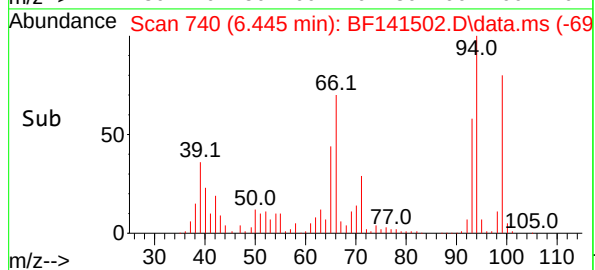
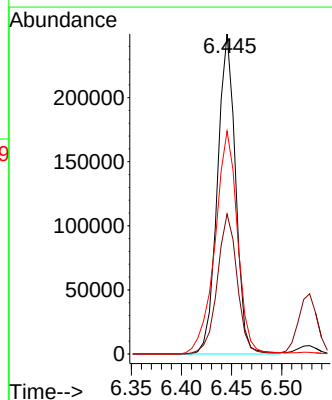
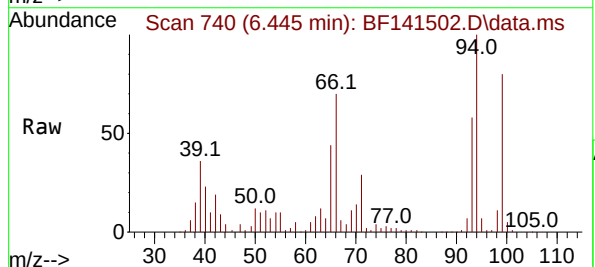
Tgt Ion: 94 Resp: 313580

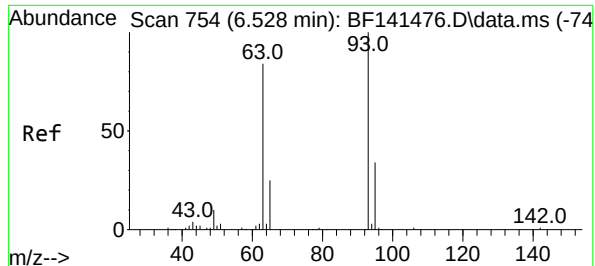
Ion Ratio Lower Upper

94 100

65 43.8 23.7 63.7

66 69.6 49.3 89.3

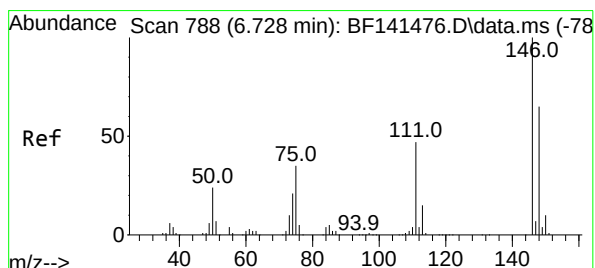
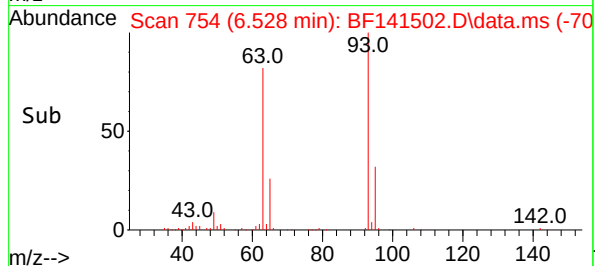
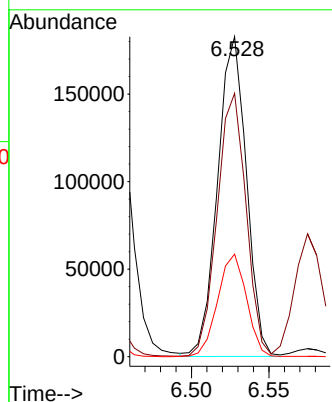
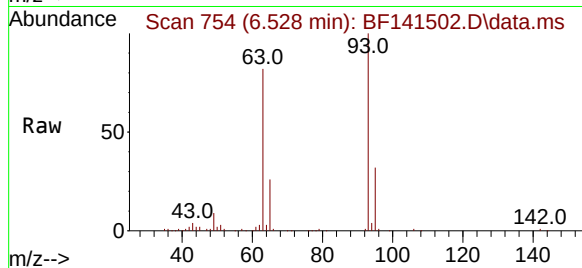




#11
bis(2-Chloroethyl)ether
Concen: 44.191 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

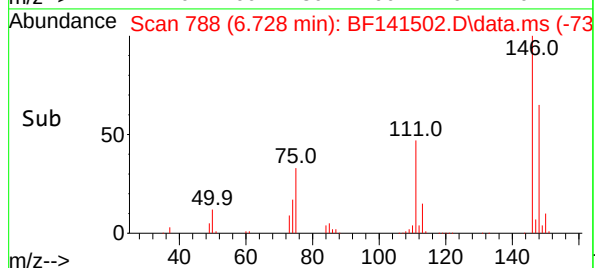
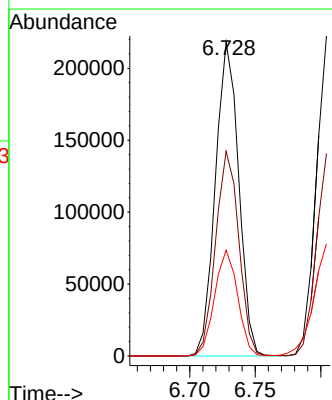
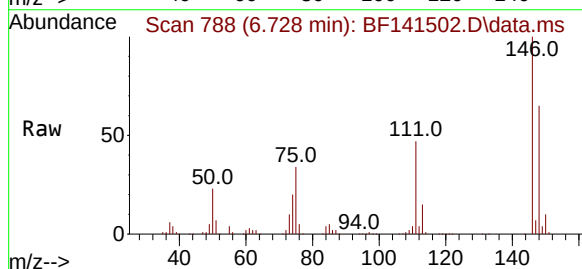
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

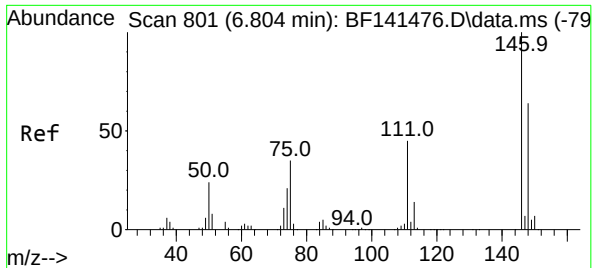
Tgt Ion: 93 Resp: 236451
Ion Ratio Lower Upper
93 100
63 82.3 62.0 102.0
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.598 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:146 Resp: 269319
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 33.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.657 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

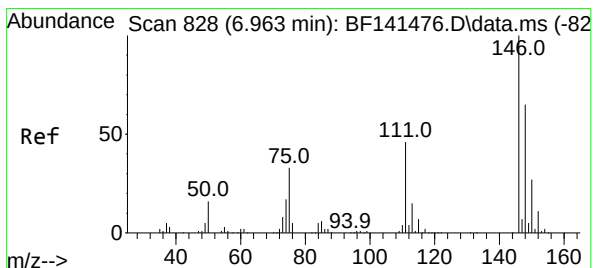
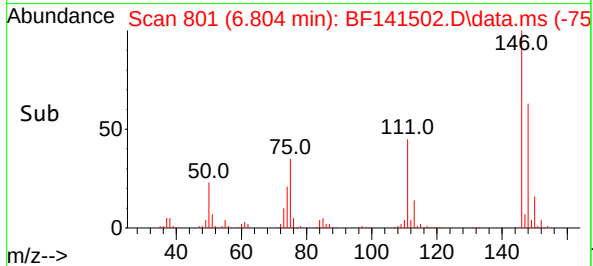
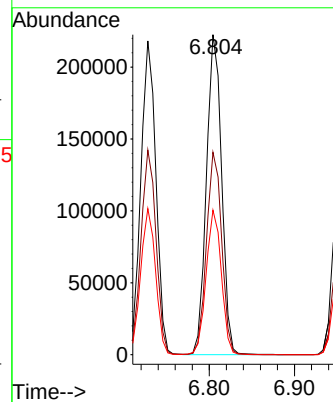
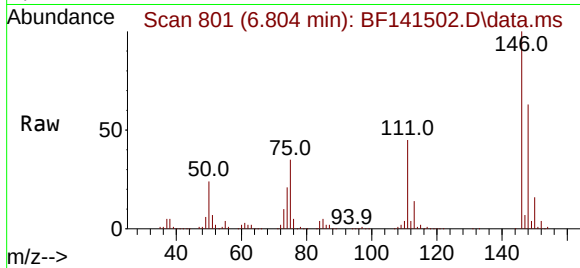
Tgt Ion:146 Resp: 275542

Ion Ratio Lower Upper

146 100

148 63.2 50.9 76.3

111 45.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.900 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

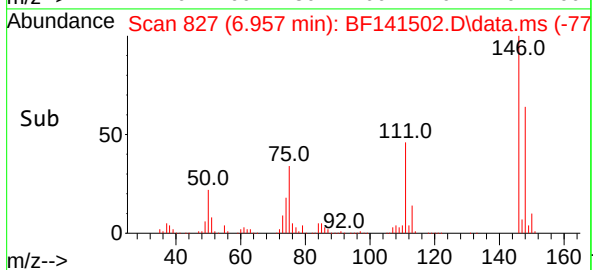
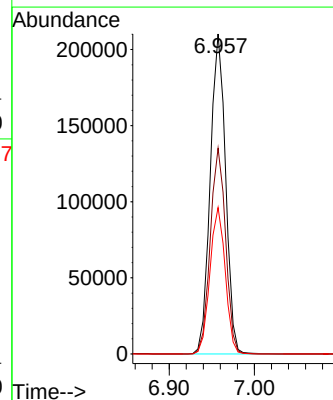
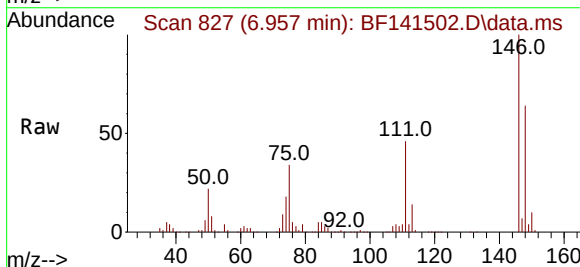
Tgt Ion:146 Resp: 263017

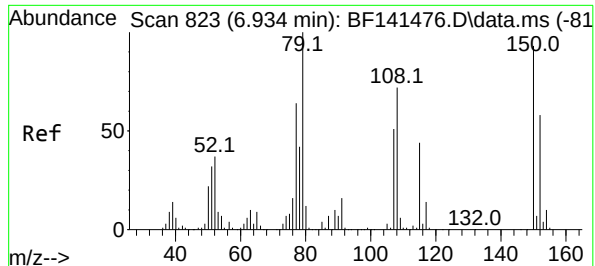
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

111 45.8 37.0 55.4





#15

Benzyl Alcohol

Concen: 43.125 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

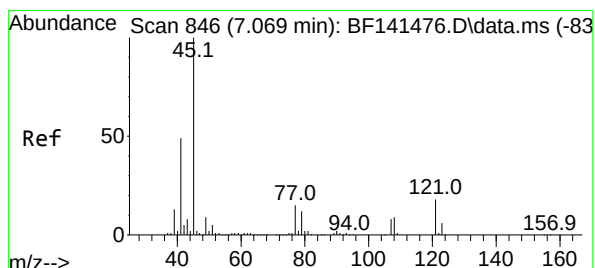
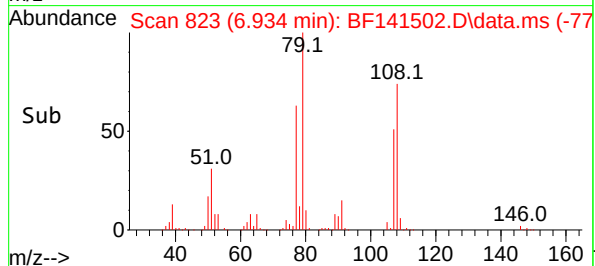
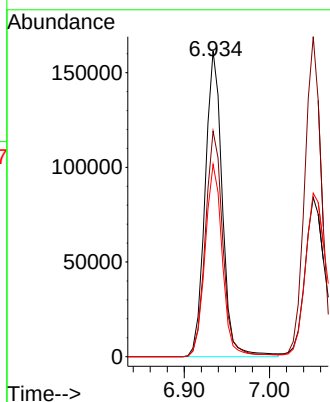
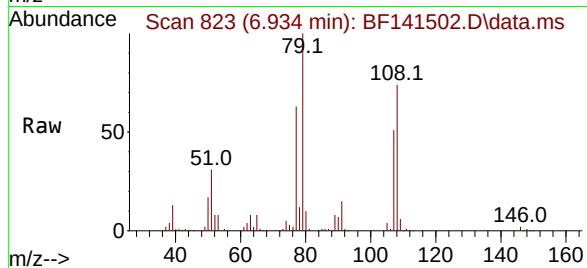
Tgt Ion: 79 Resp: 226343

Ion Ratio Lower Upper

79 100

108 73.9 57.4 86.2

77 62.9 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.105 ng

RT: 7.063 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

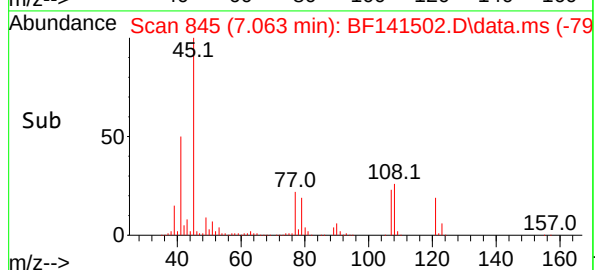
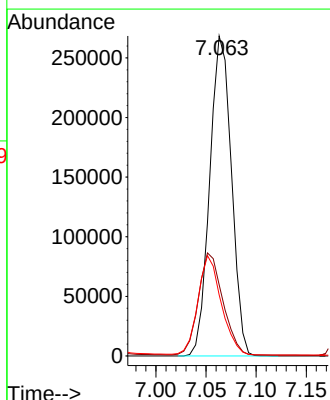
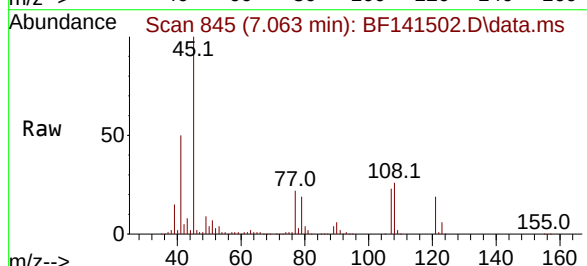
Tgt Ion: 45 Resp: 403966

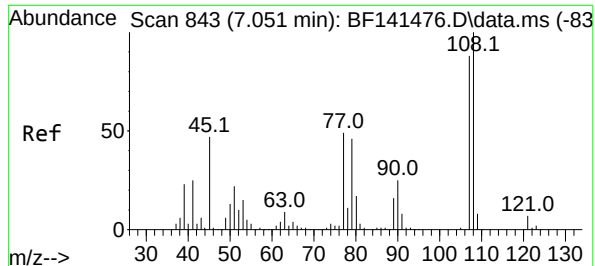
Ion Ratio Lower Upper

45 100

77 22.3 0.0 35.8

79 19.1 0.0 32.7

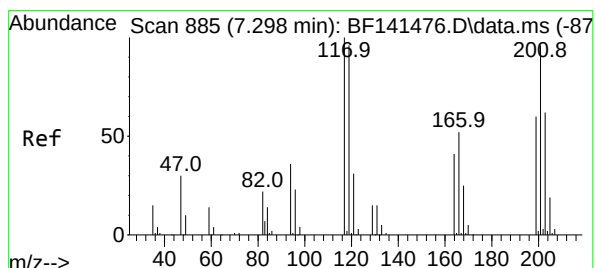
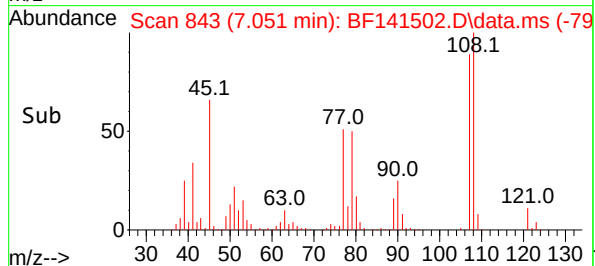
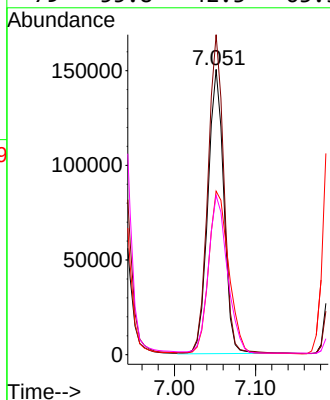
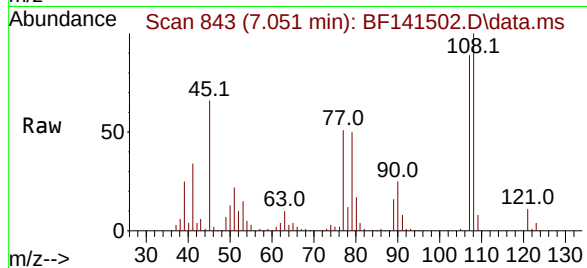




#17
2-Methylphenol
Concen: 44.521 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

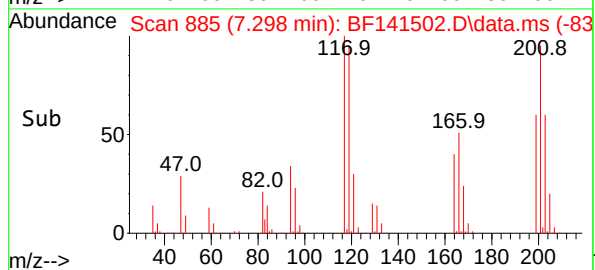
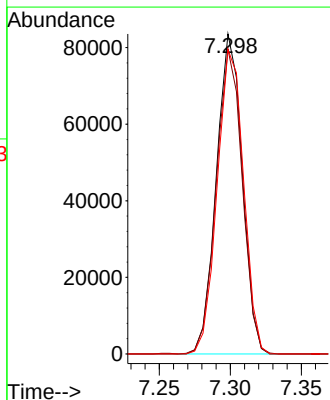
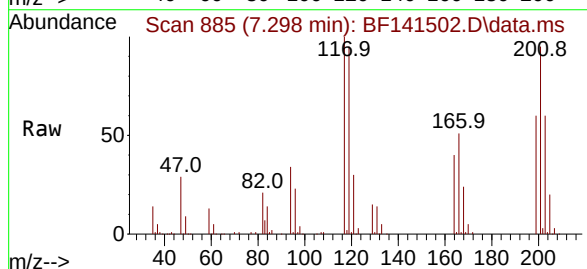
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

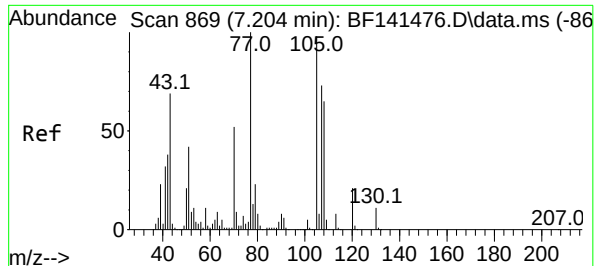
Tgt Ion:	107	Resp:	203861
Ion Ratio	Lower	Upper	
107	100		
108	112.2	90.6	136.0
77	57.4	44.4	66.6
79	55.8	42.3	63.5



#18
Hexachloroethane
Concen: 45.237 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:	117	Resp:	105665
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.5	114.7
201	95.2	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 44.315 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion: 70 Resp: 181427

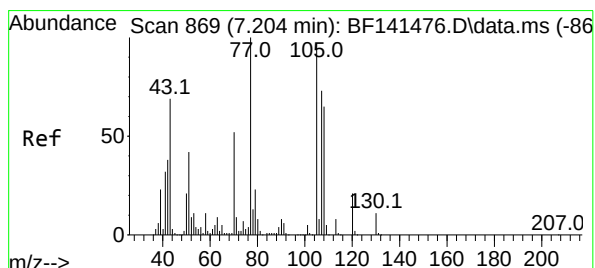
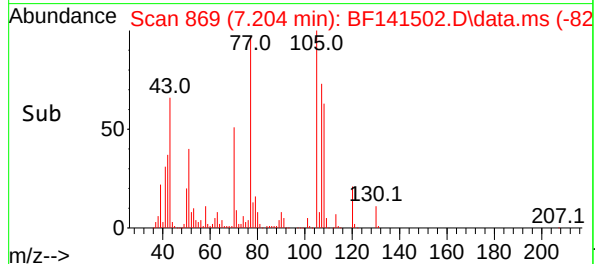
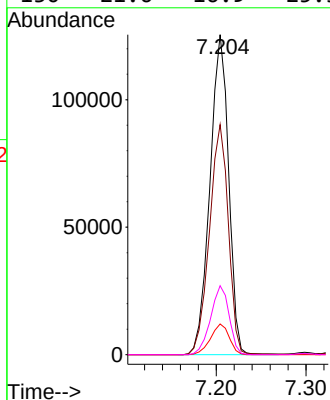
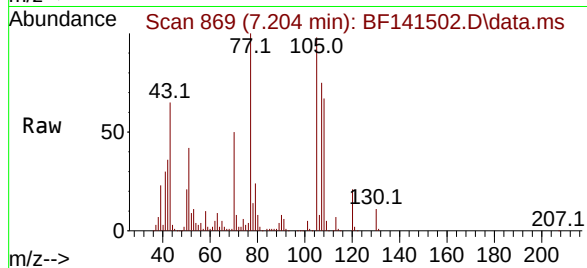
Ion Ratio Lower Upper

70 100

42 71.9 57.4 86.2

101 9.6 8.0 12.0

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.414 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Tgt Ion: 107 Resp: 264276

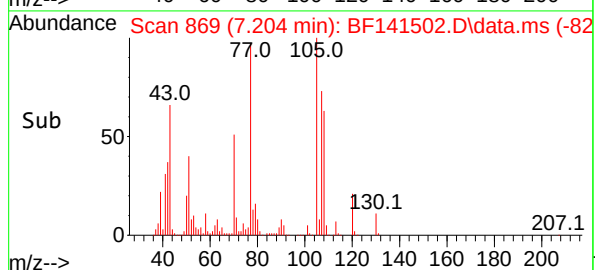
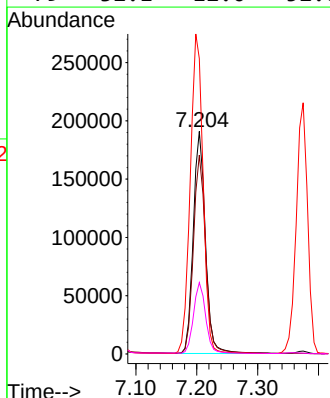
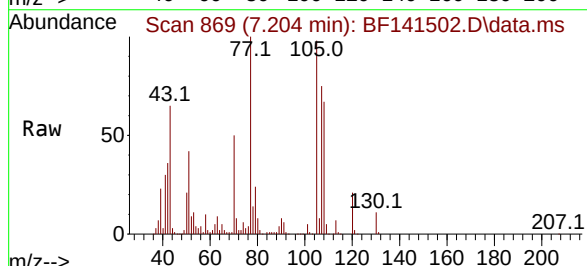
Ion Ratio Lower Upper

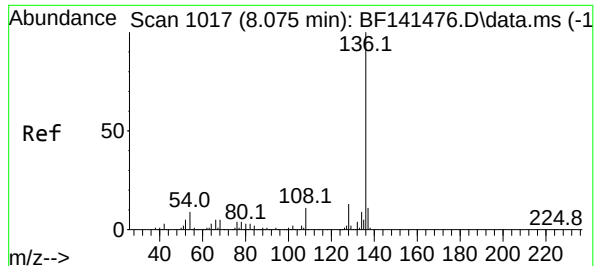
107 100

108 89.4 68.5 108.5

77 132.8 116.5 156.5

79 32.1 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion:136 Resp: 345705

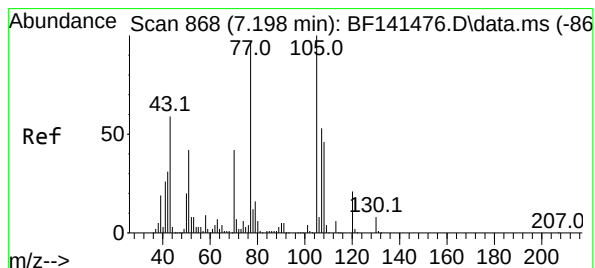
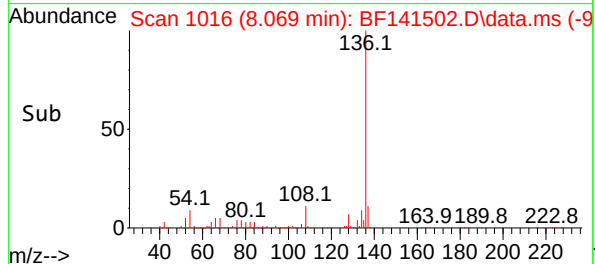
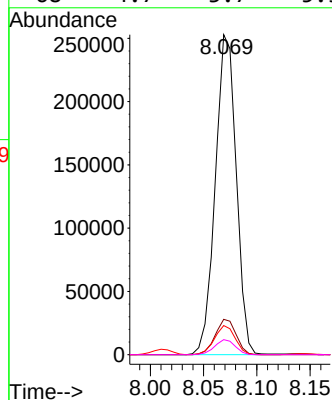
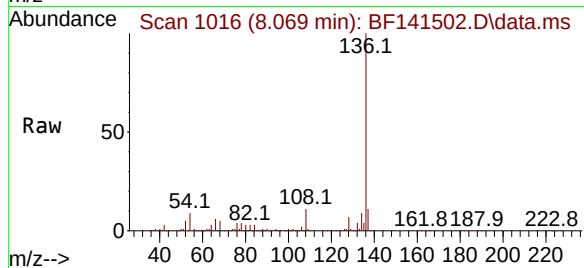
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.1 7.2 10.8

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 46.935 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Tgt Ion:105 Resp: 403625

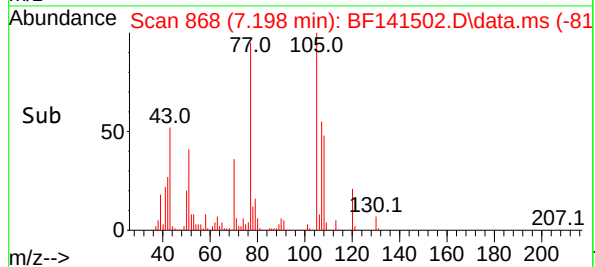
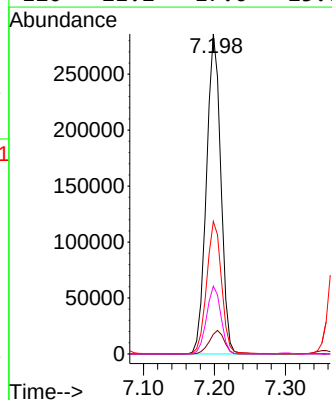
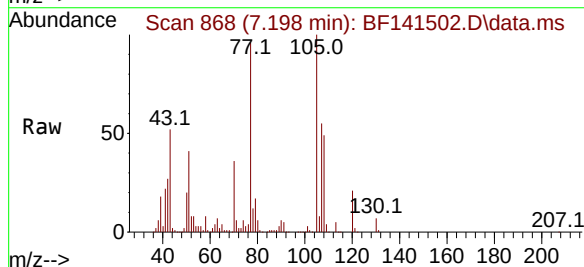
Ion Ratio Lower Upper

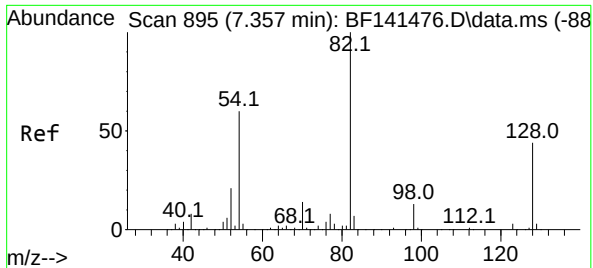
105 100

71 6.2 5.7 8.5

51 41.4 33.7 50.5

120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 92.462 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

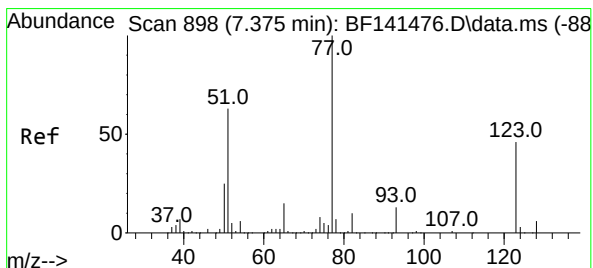
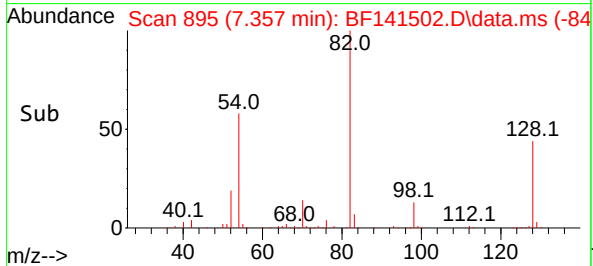
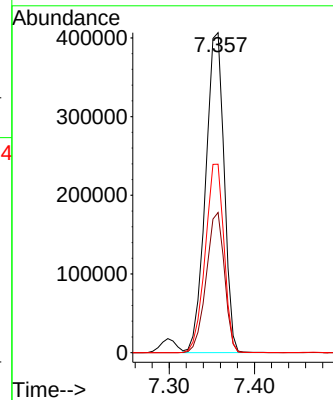
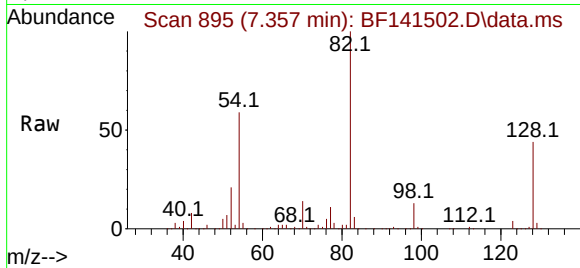
Tgt Ion: 82 Resp: 612839

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

54 58.9 48.2 72.4



#24

Nitrobenzene

Concen: 43.148 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

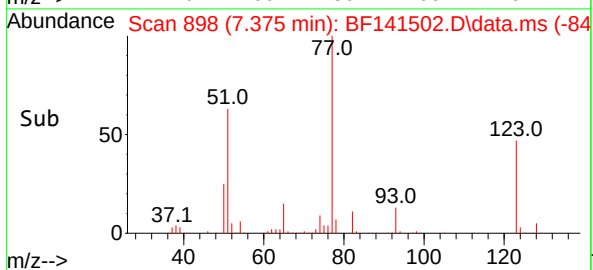
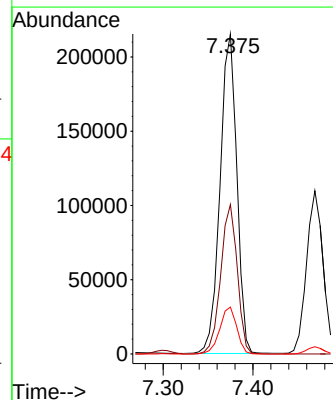
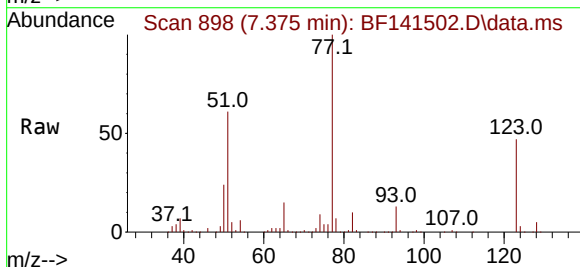
Tgt Ion: 77 Resp: 278874

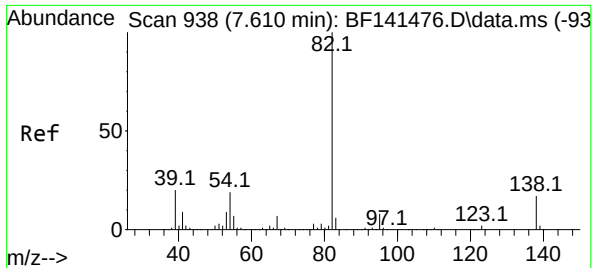
Ion Ratio Lower Upper

77 100

123 46.7 36.9 55.3

65 14.7 11.9 17.9

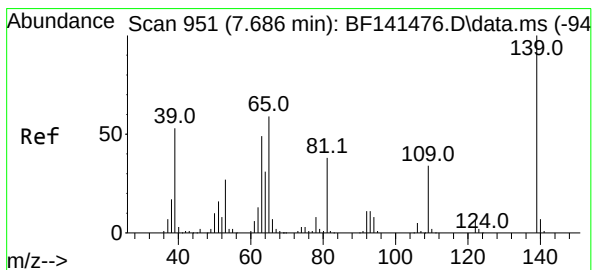
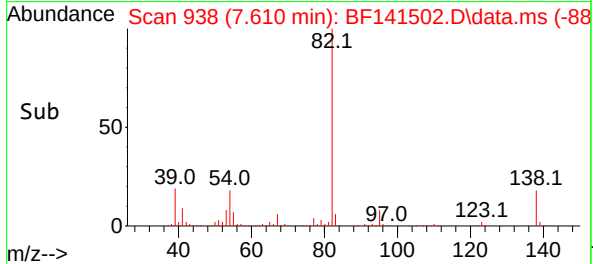
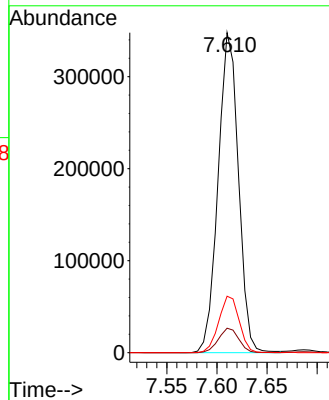
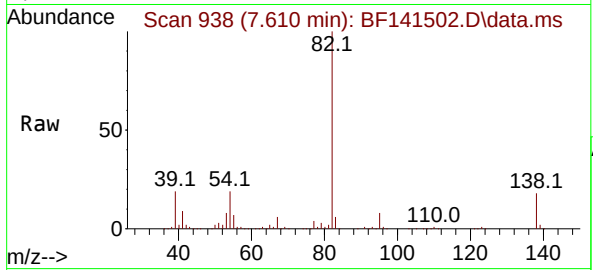




#25
Isophorone
Concen: 46.414 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

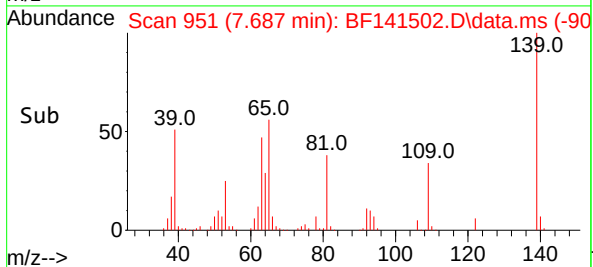
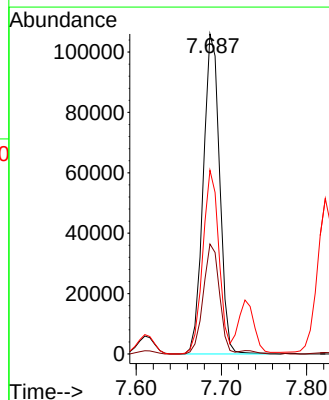
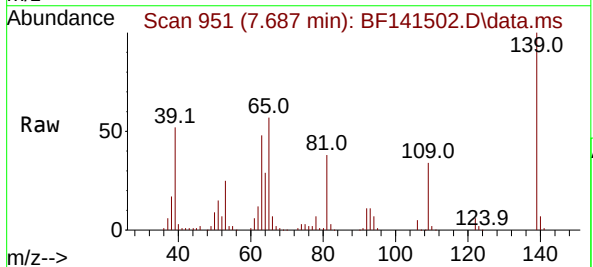
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

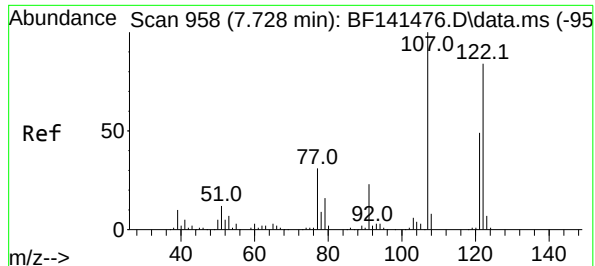
Tgt Ion: 82 Resp: 490509
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 44.074 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:139 Resp: 141721
Ion Ratio Lower Upper
139 100
109 34.3 27.0 40.6
65 57.4 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 55.829 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

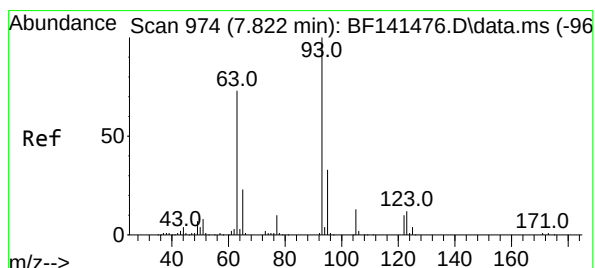
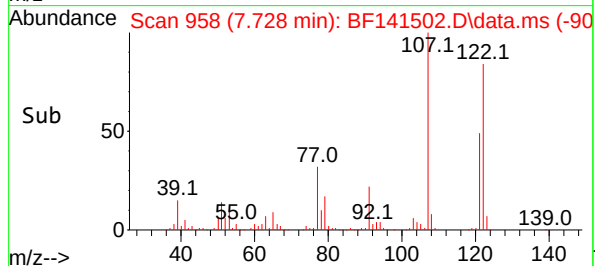
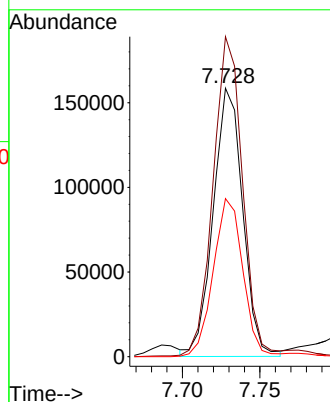
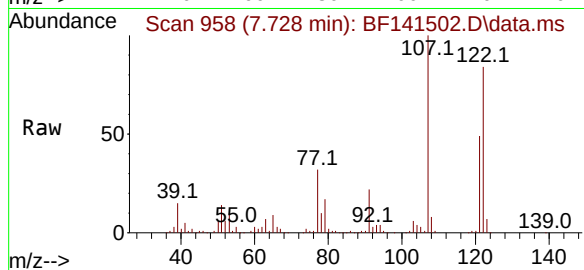
Tgt Ion:122 Resp: 209718

Ion Ratio Lower Upper

122 100

107 119.2 94.3 141.5

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.942 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

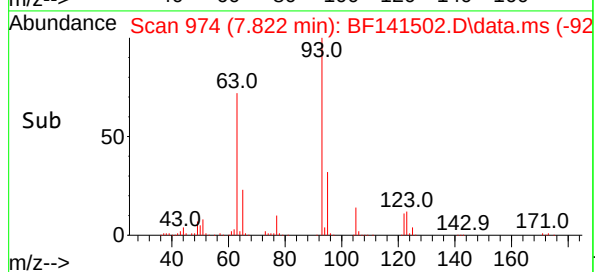
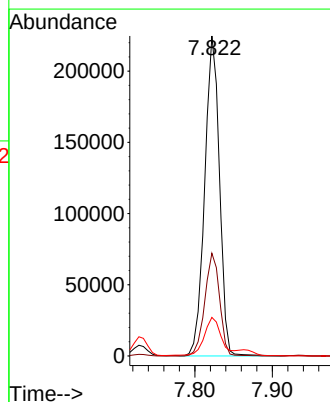
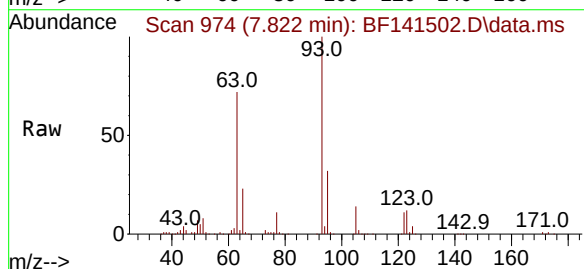
Tgt Ion: 93 Resp: 297572

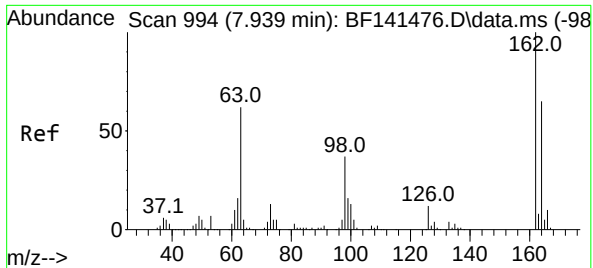
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.360 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

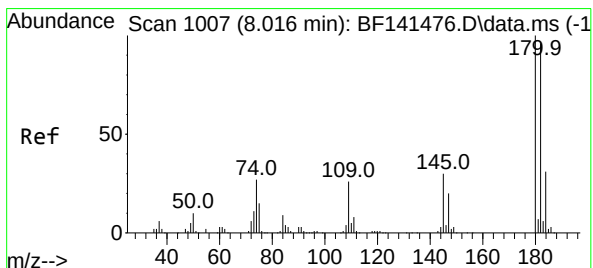
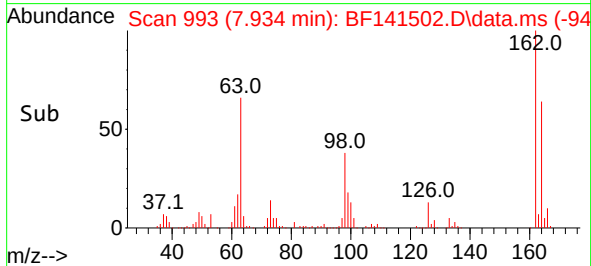
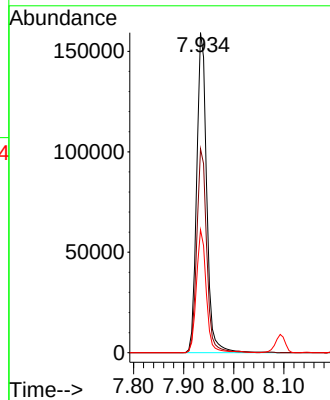
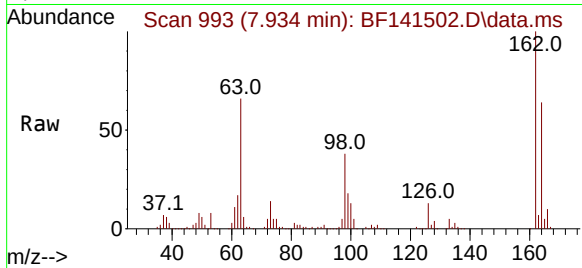
Tgt Ion:162 Resp: 220070

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 38.4 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 42.906 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

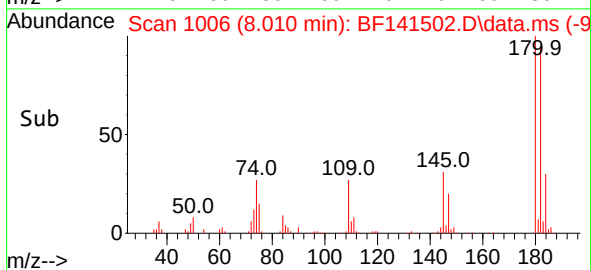
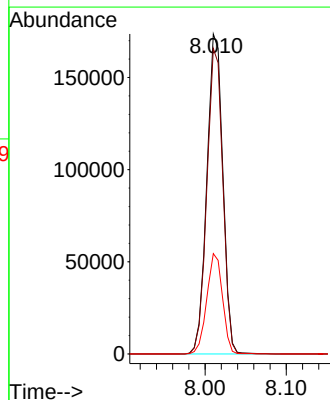
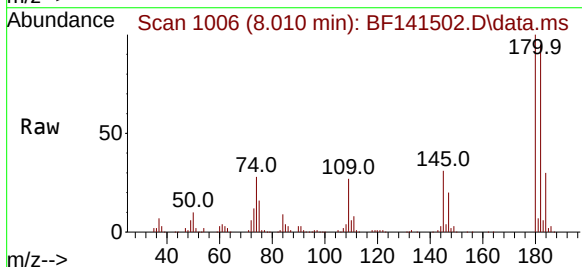
Tgt Ion:180 Resp: 237143

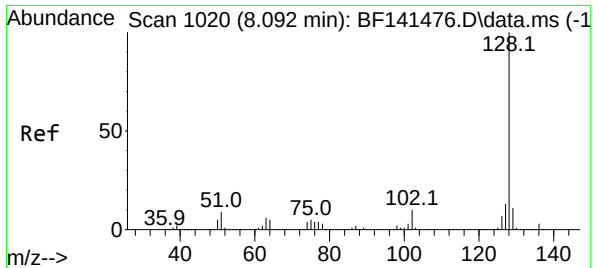
Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

145 31.4 24.2 36.4





#31

Naphthalene

Concen: 42.042 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

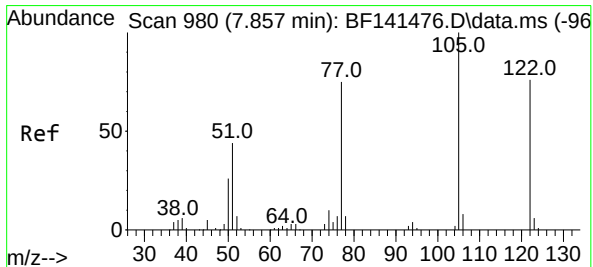
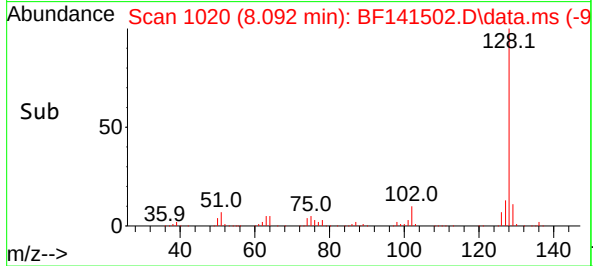
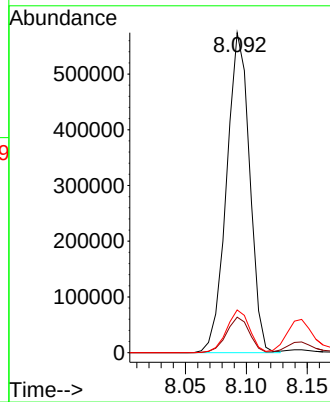
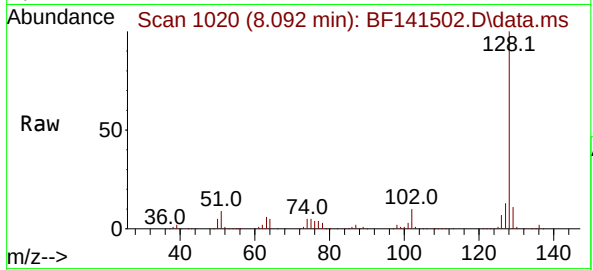
Tgt Ion:128 Resp: 756556

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 46.938 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

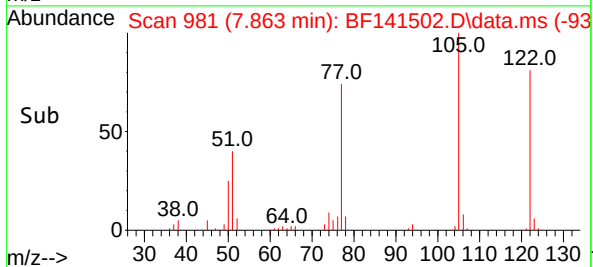
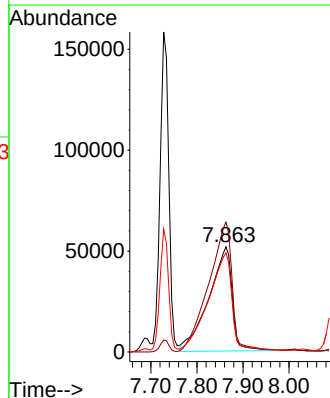
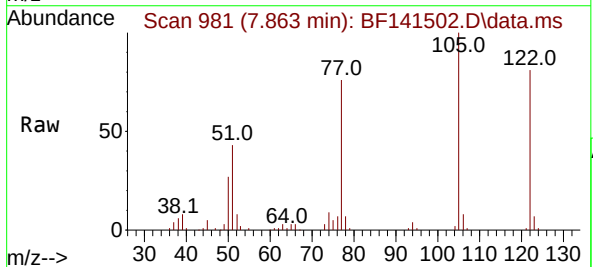
Tgt Ion:122 Resp: 183144

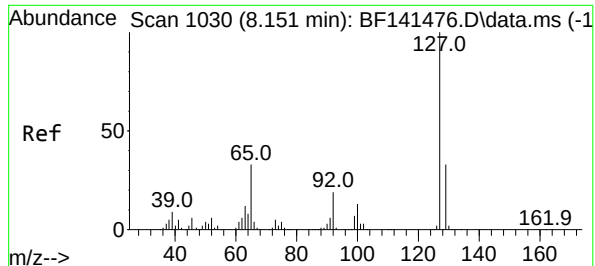
Ion Ratio Lower Upper

122 100

105 123.5 106.5 146.5

77 94.4 76.3 116.3





#33

4-Chloroaniline

Concen: 16.527 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

Tgt Ion:127 Resp: 103836

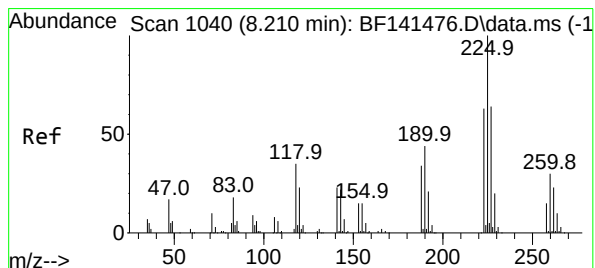
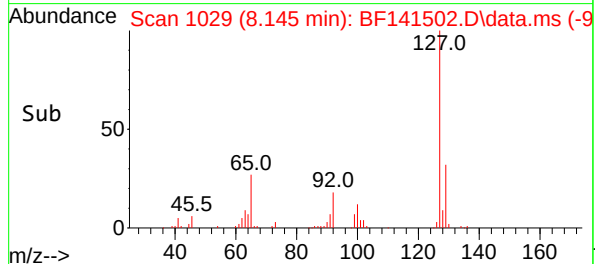
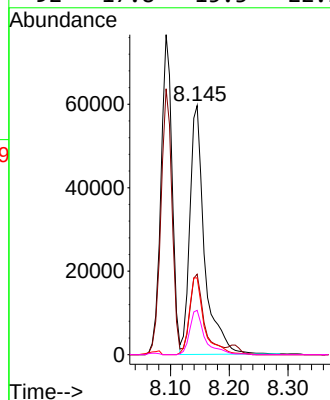
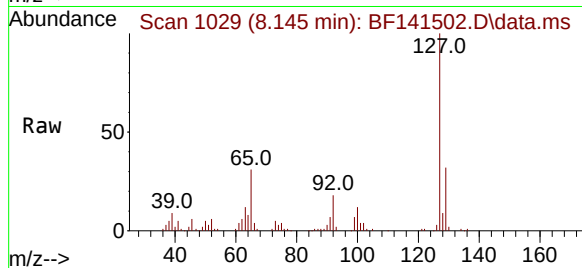
Ion Ratio Lower Upper

127 100

129 32.3 26.5 39.7

65 30.8 26.4 39.6

92 17.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 43.271 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

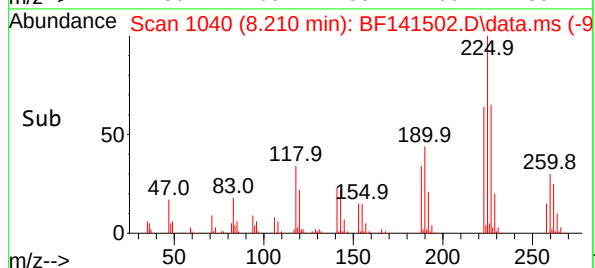
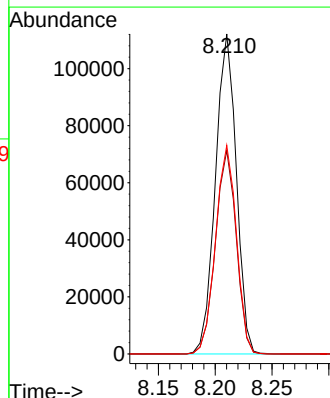
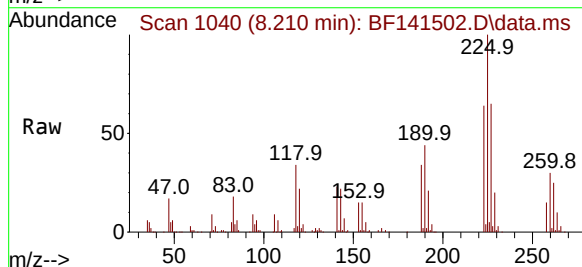
Tgt Ion:225 Resp: 143575

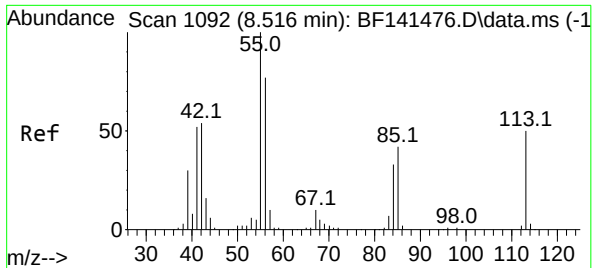
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 65.2 51.0 76.6

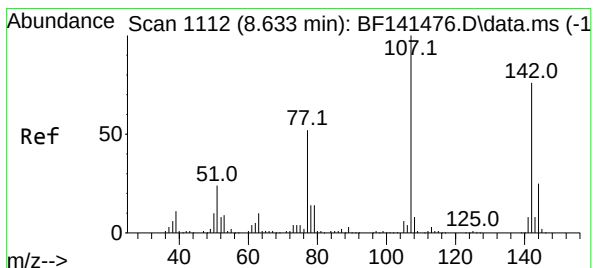
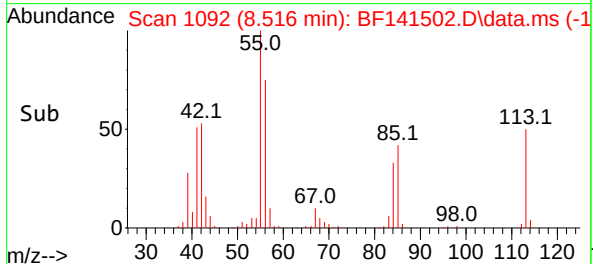
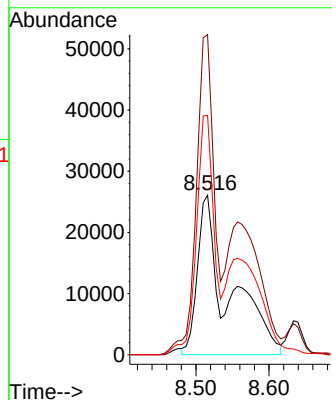
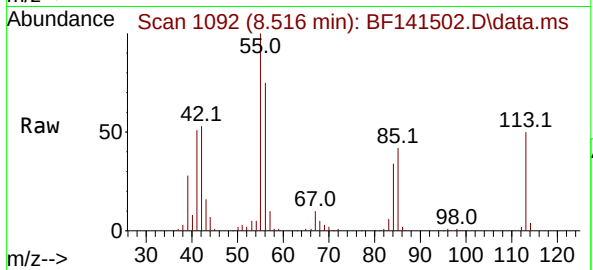




#35
Caprolactam
Concen: 49.512 ng m
RT: 8.516 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

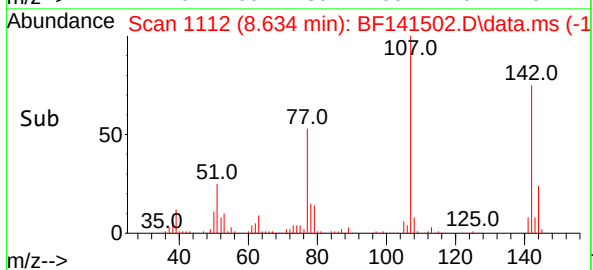
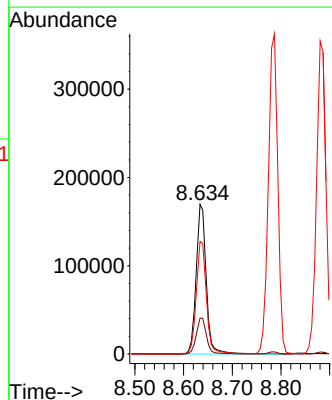
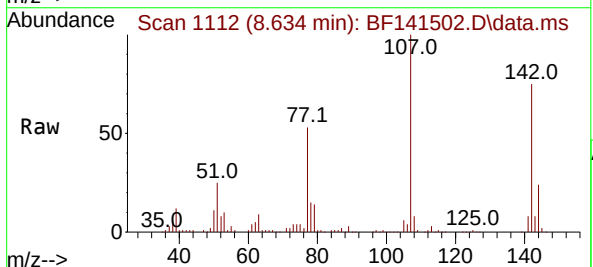
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

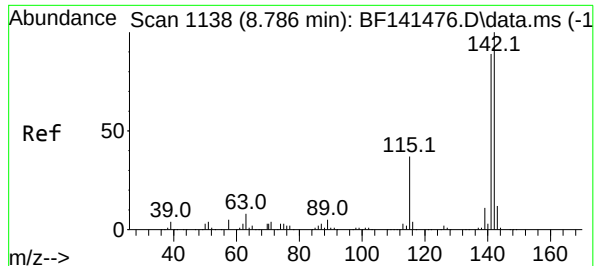
Tgt Ion:113 Resp: 76513
Ion Ratio Lower Upper
113 100
55 200.6 180.8 220.8
56 150.0 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 43.564 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:107 Resp: 244926
Ion Ratio Lower Upper
107 100
144 24.0 19.7 29.5
142 75.2 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.308 ng

RT: 8.787 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

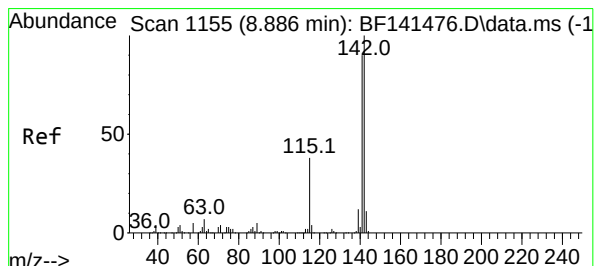
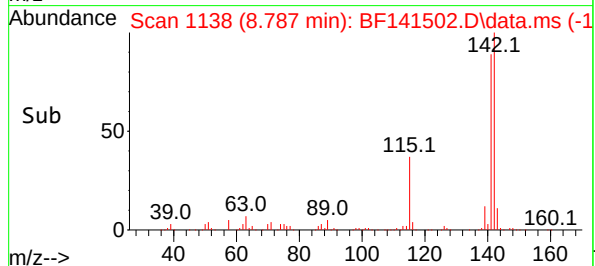
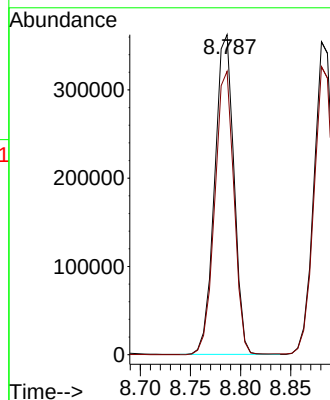
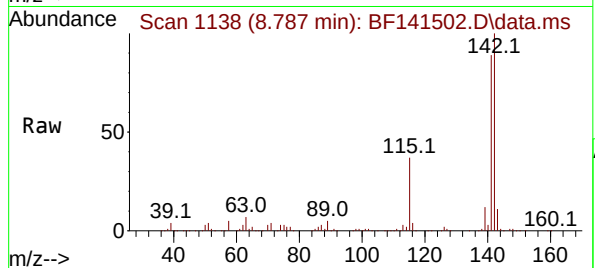
PB166567BSD

Tgt Ion:142 Resp: 483722

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 41.353 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141502.D

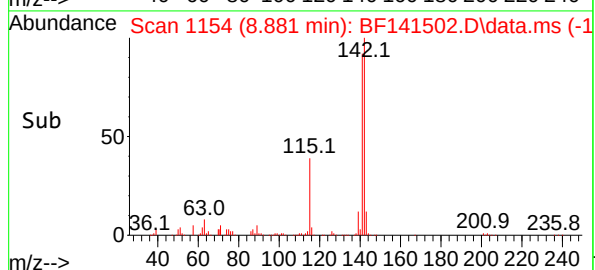
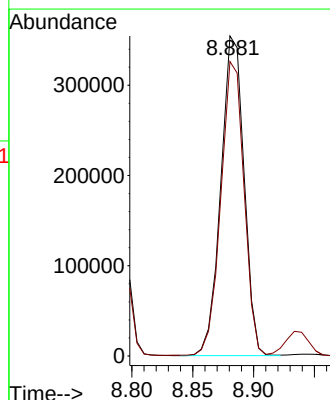
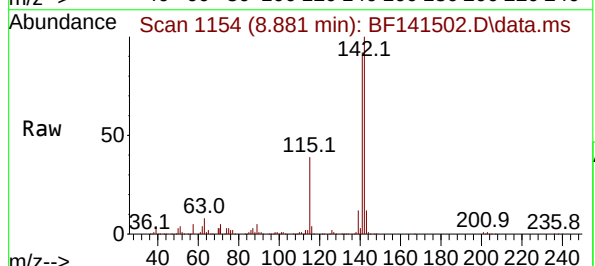
Acq: 07 Feb 2025 12:32

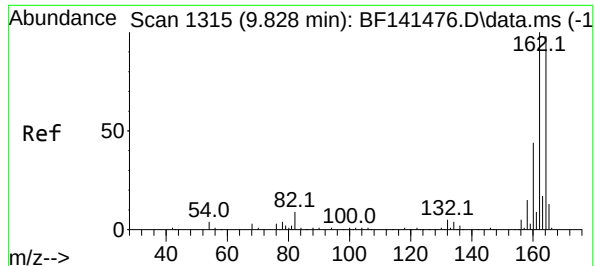
Tgt Ion:142 Resp: 469009

Ion Ratio Lower Upper

142 100

141 92.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

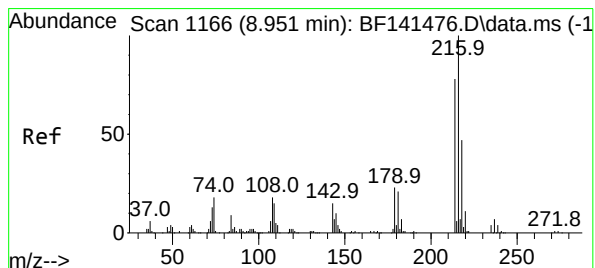
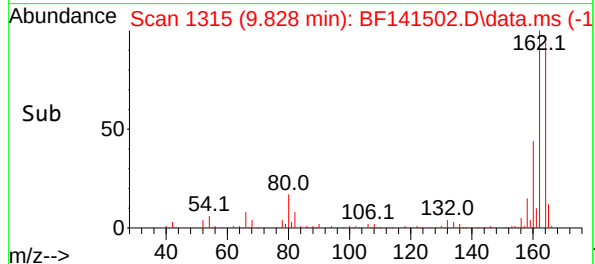
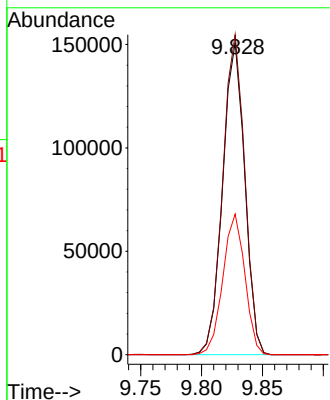
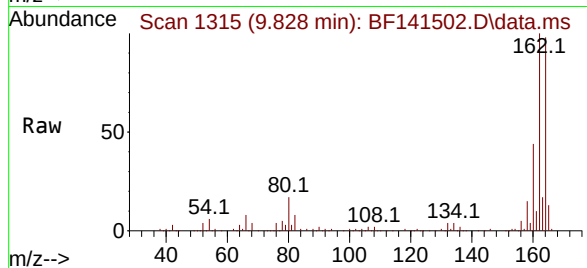
Tgt Ion:164 Resp: 190426

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 45.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.416 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Tgt Ion:216 Resp: 261229

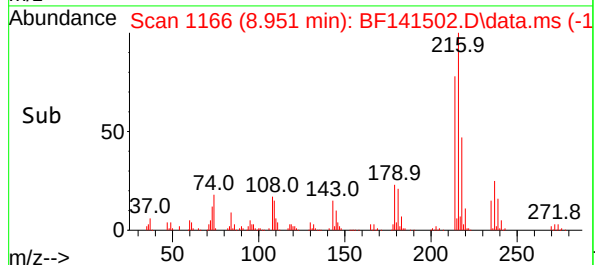
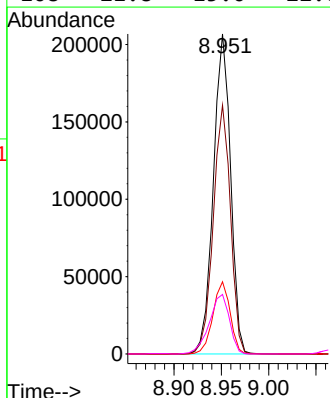
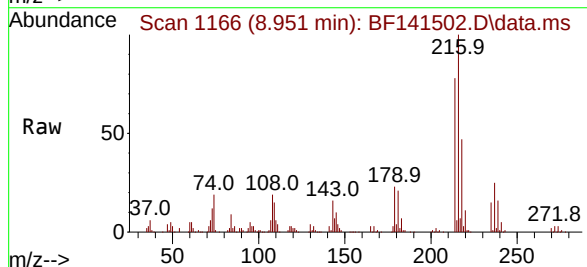
Ion Ratio Lower Upper

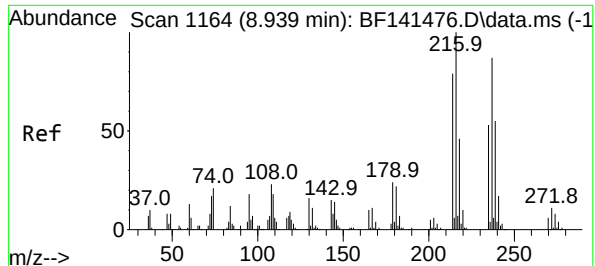
216 100

214 77.7 62.3 93.5

179 22.5 18.0 27.0

108 21.8 15.0 22.6

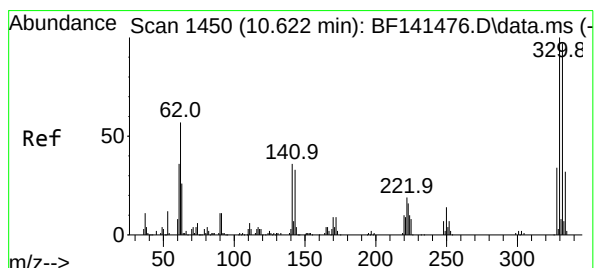
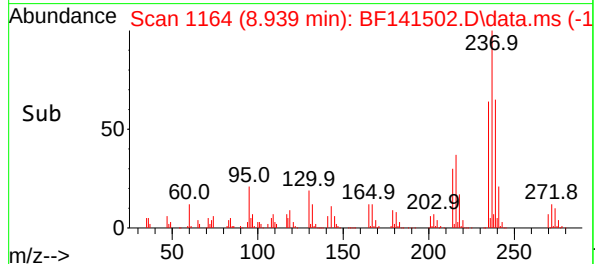
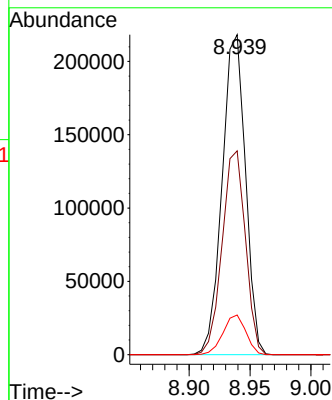
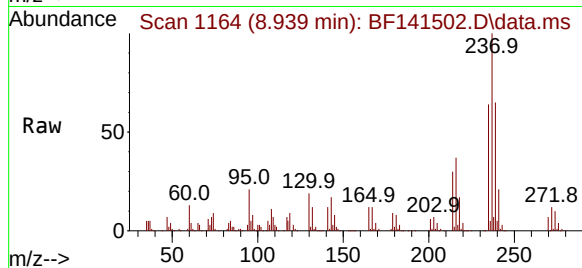




#41
Hexachlorocyclopentadiene
Concen: 158.743 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

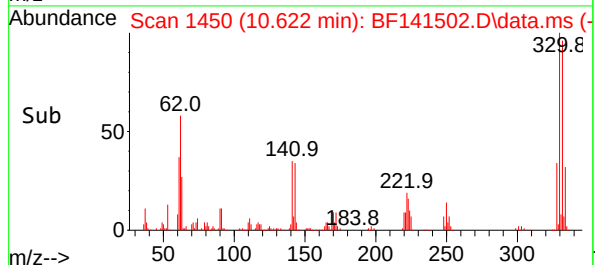
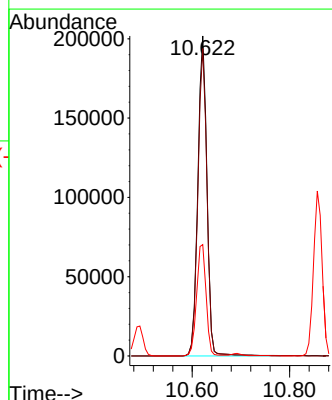
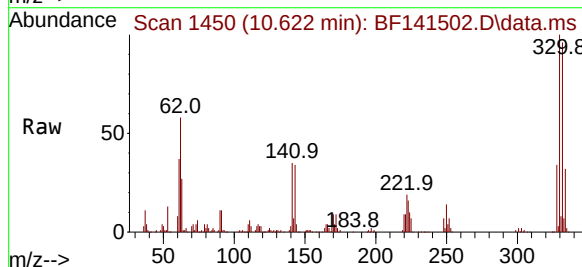
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

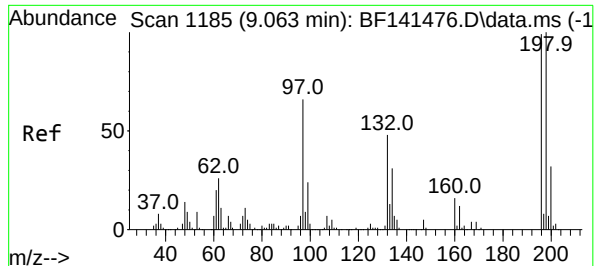
Tgt Ion:237 Resp: 290884
Ion Ratio Lower Upper
237 100
235 63.7 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 137.995 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:330 Resp: 263972
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 36.4 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 43.592 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

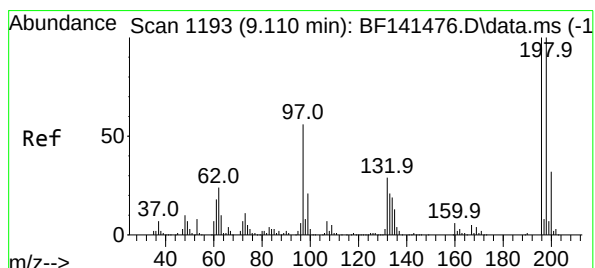
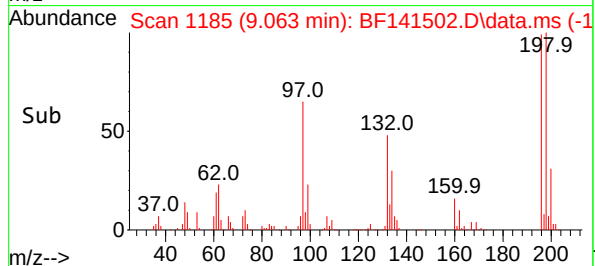
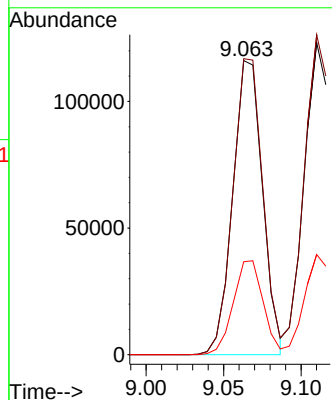
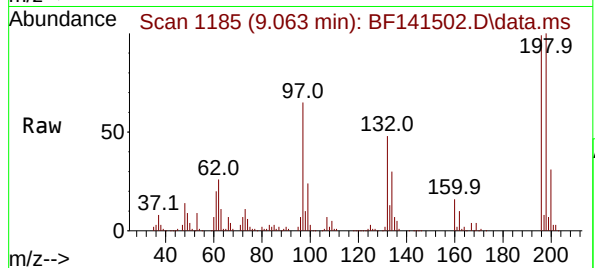
Tgt Ion:196 Resp: 155219

Ion Ratio Lower Upper

196 100

198 100.7 80.6 121.0

200 31.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 43.211 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Tgt Ion:196 Resp: 166752

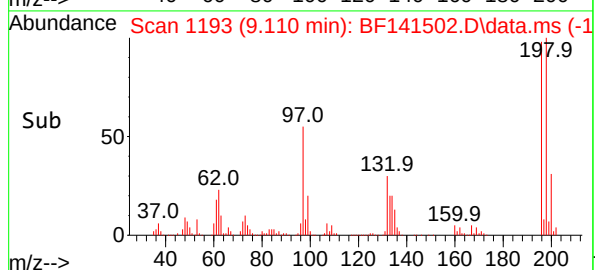
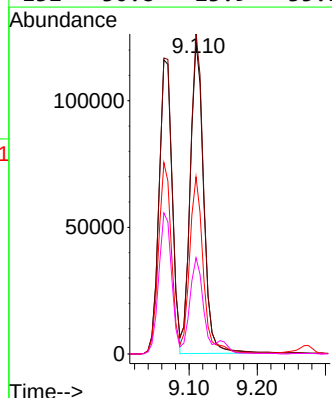
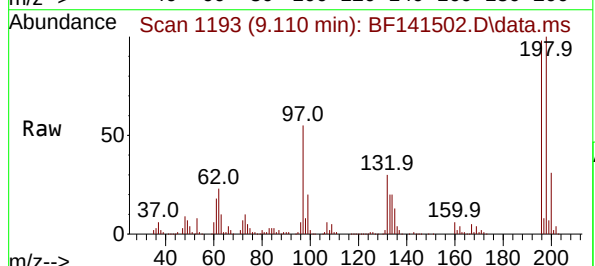
Ion Ratio Lower Upper

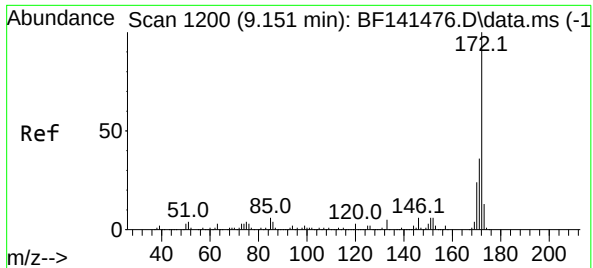
196 100

198 102.6 79.8 119.8

97 56.8 44.8 67.2

132 30.8 23.9 35.9

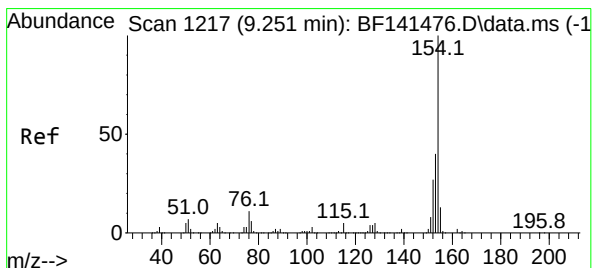
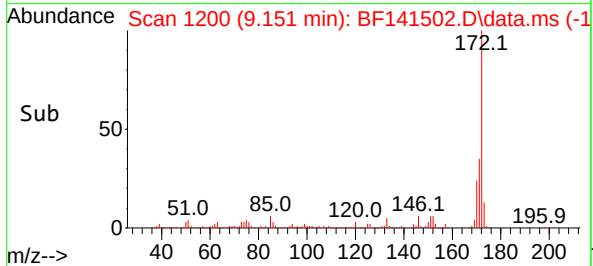
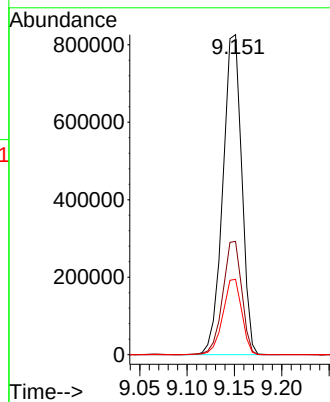
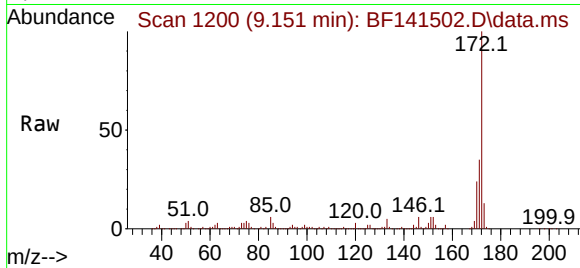




#45
2-Fluorobiphenyl
Concen: 92.785 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

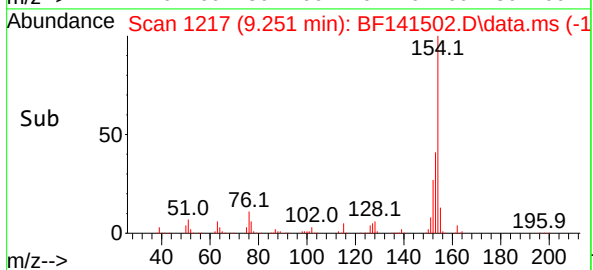
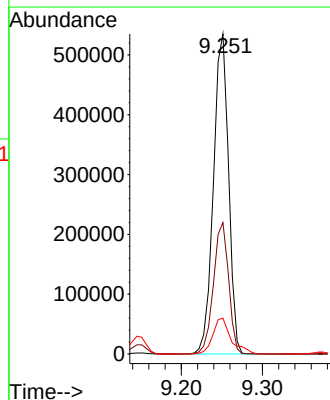
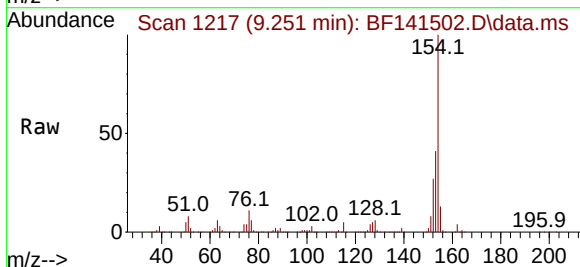
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

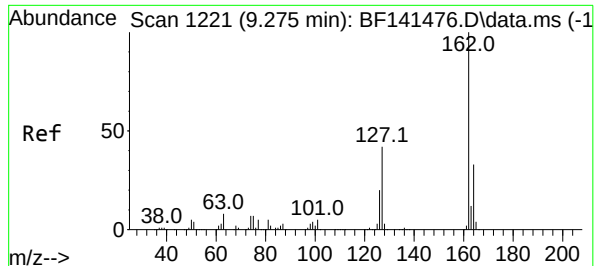
Tgt Ion:172 Resp: 1146843
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.853 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:154 Resp: 691703
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.119 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

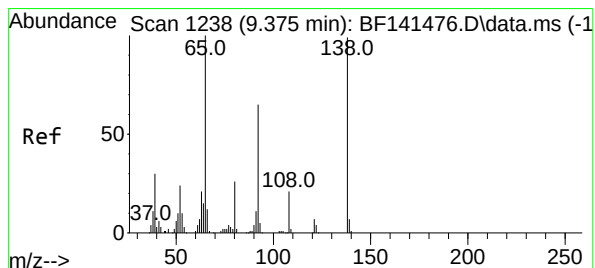
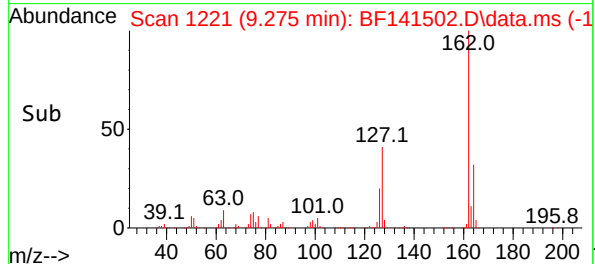
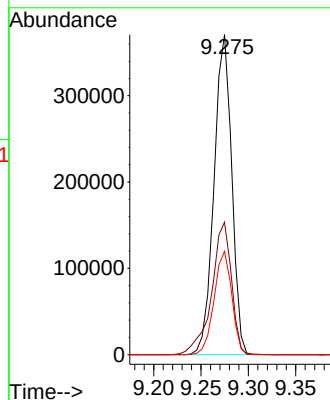
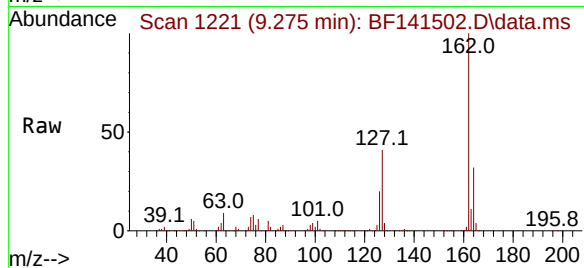
Tgt Ion:162 Resp: 481653

Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 44.521 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

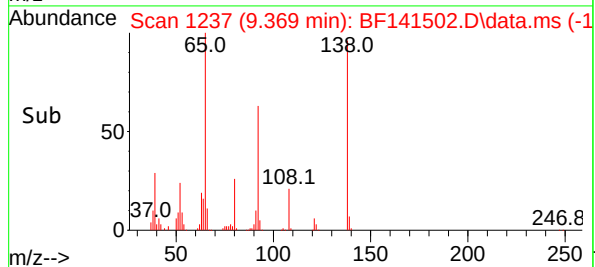
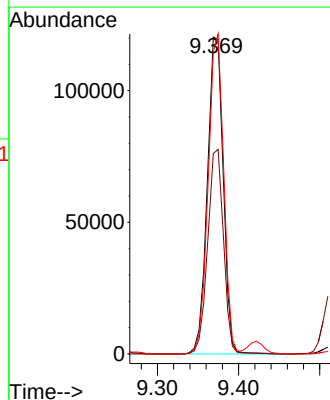
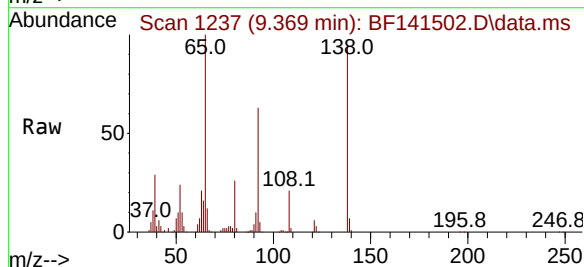
Tgt Ion: 65 Resp: 163115

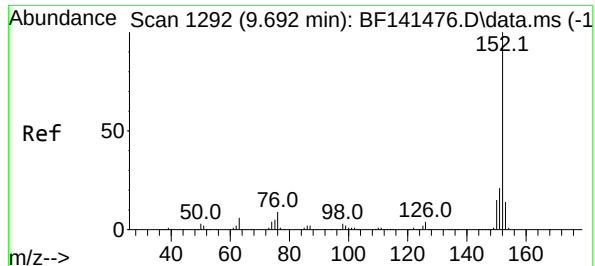
Ion Ratio Lower Upper

65 100

92 63.2 52.2 78.2

138 95.3 79.5 119.3





#49

Acenaphthylene

Concen: 45.465 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

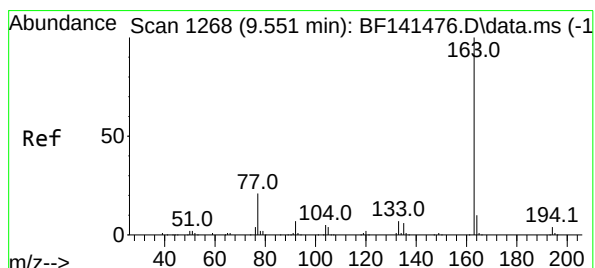
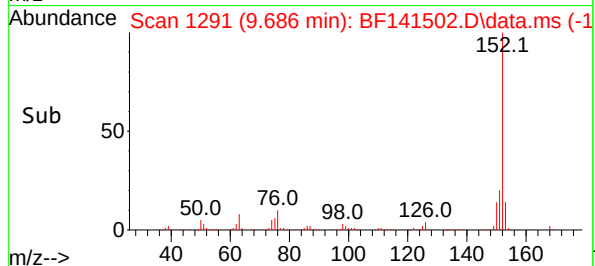
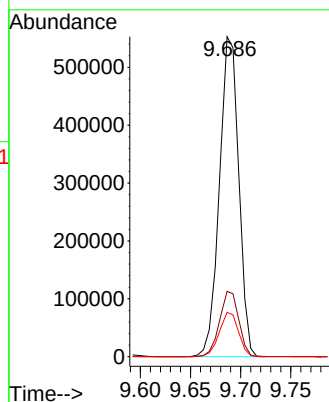
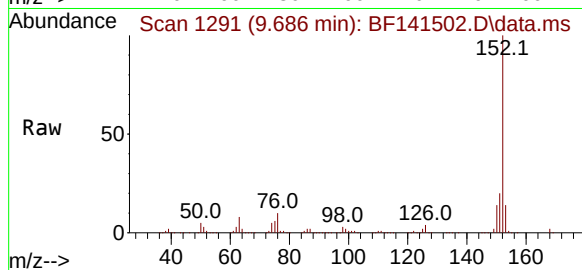
Tgt Ion:152 Resp: 738260

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 43.772 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

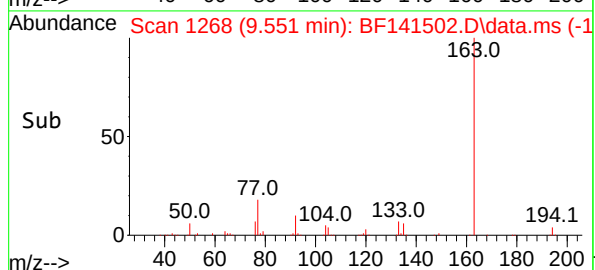
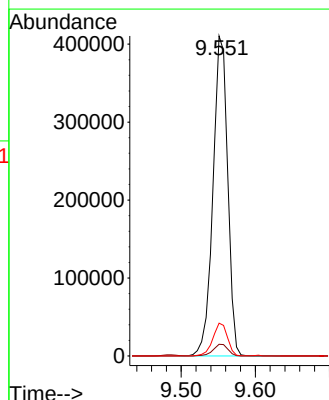
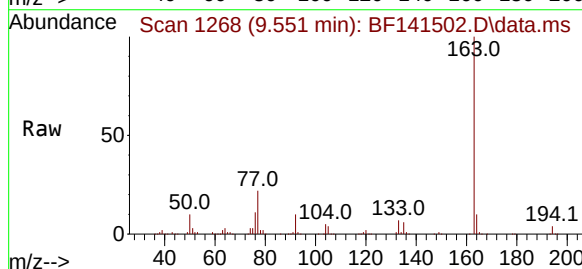
Tgt Ion:163 Resp: 565865

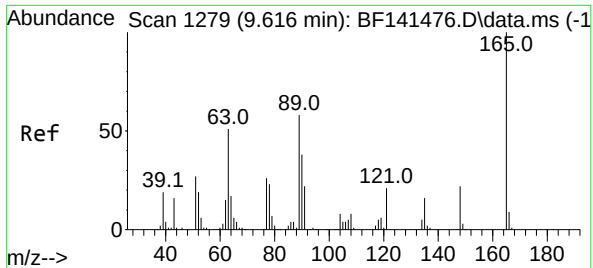
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.2 7.9 11.9

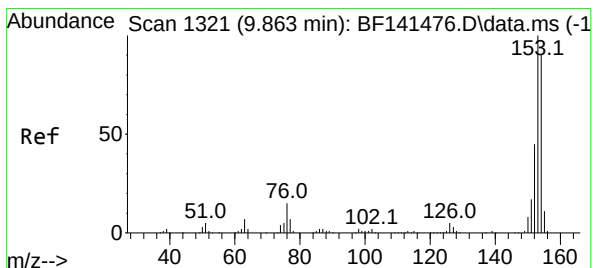
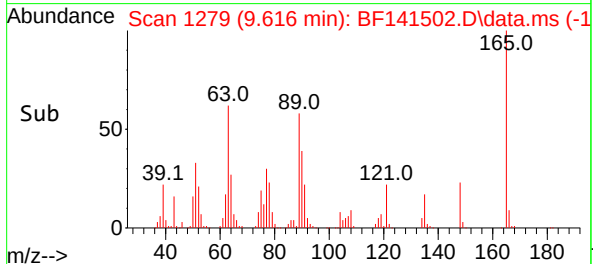
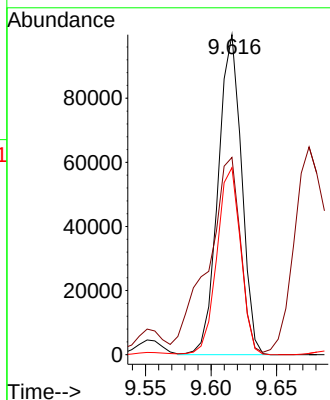
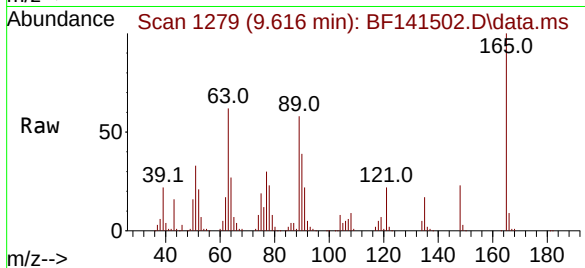




#51
2,6-Dinitrotoluene
Concen: 43.932 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

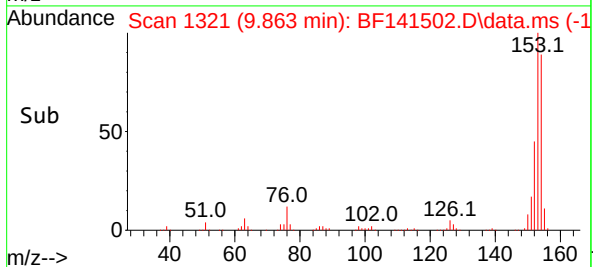
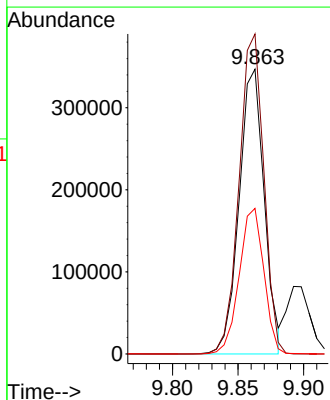
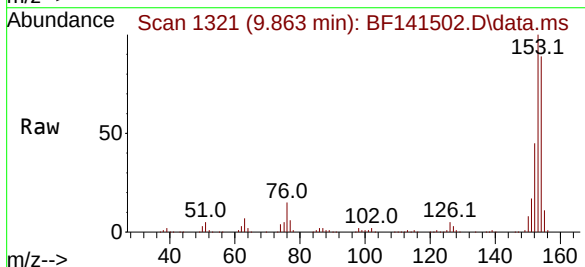
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

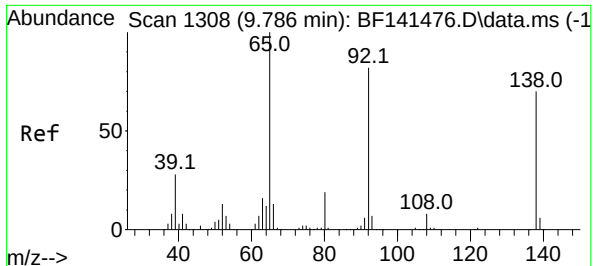
Tgt Ion:165 Resp: 124153
Ion Ratio Lower Upper
165 100
63 61.7 49.4 74.0
89 58.5 46.5 69.7



#52
Acenaphthene
Concen: 42.441 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:154 Resp: 463315
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 51.1 39.8 59.8

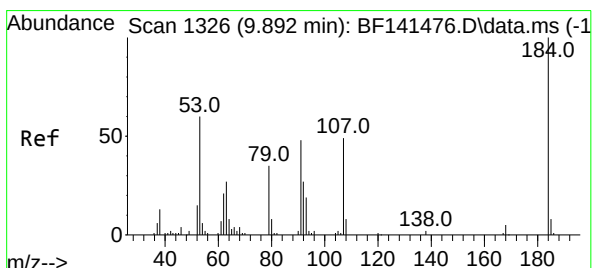
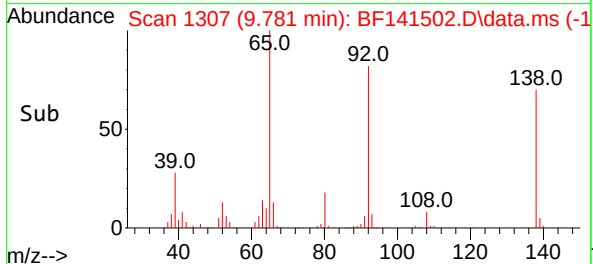
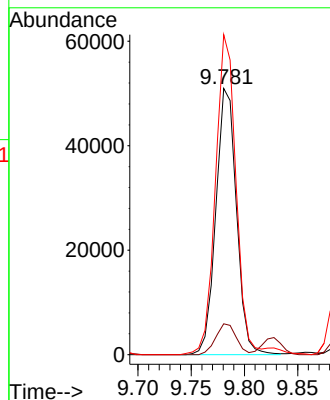
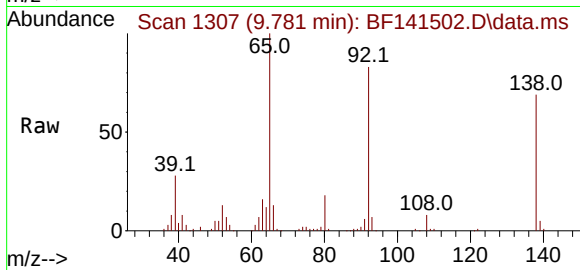




#53
3-Nitroaniline
Concen: 22.537 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

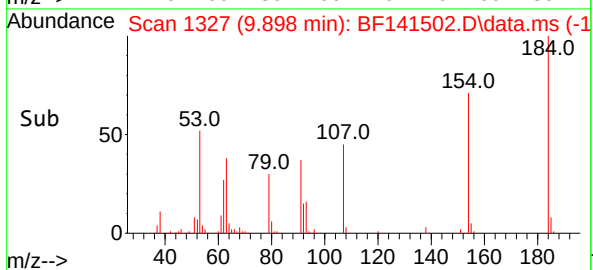
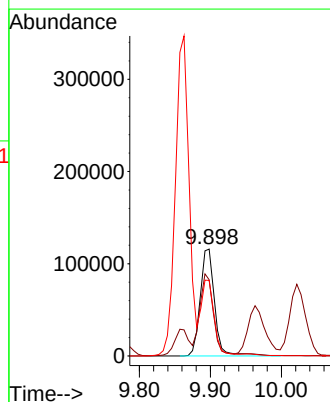
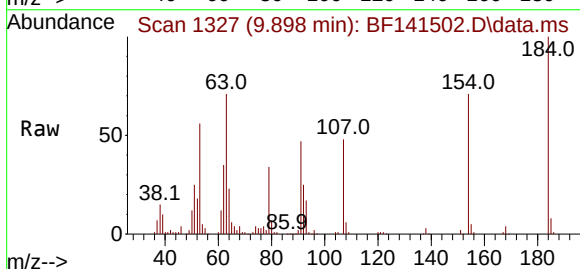
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

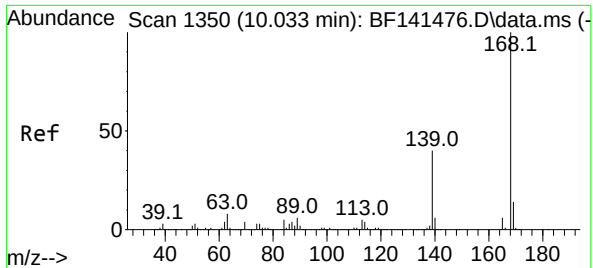
Tgt Ion:138 Resp: 68550
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 120.2 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 98.219 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:184 Resp: 164968
Ion Ratio Lower Upper
184 100
63 71.3 61.0 91.6
154 70.6 59.9 89.9





#55

Dibenzenofuran

Concen: 41.817 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

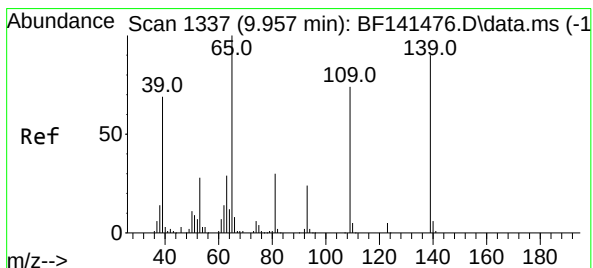
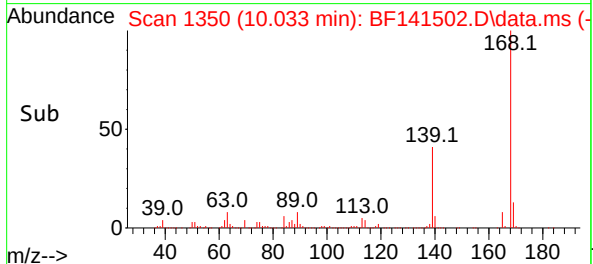
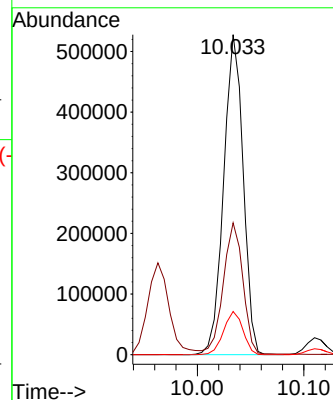
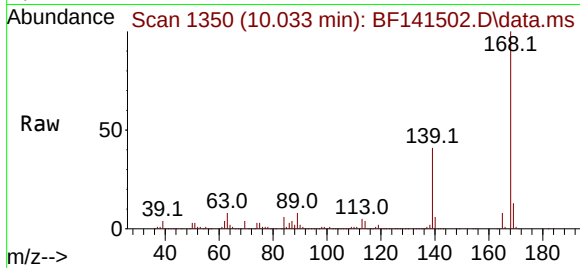
Tgt Ion:168 Resp: 670050

Ion Ratio Lower Upper

168 100

139 41.2 32.7 49.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 94.983 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

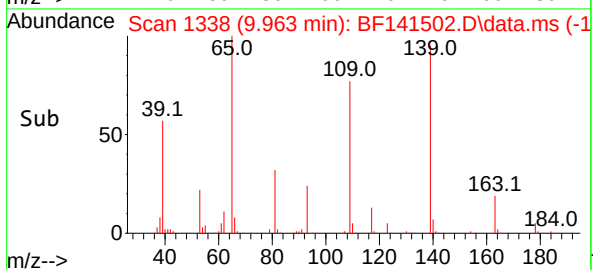
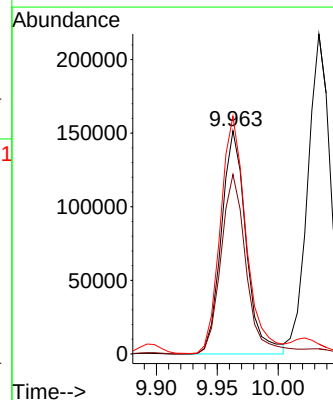
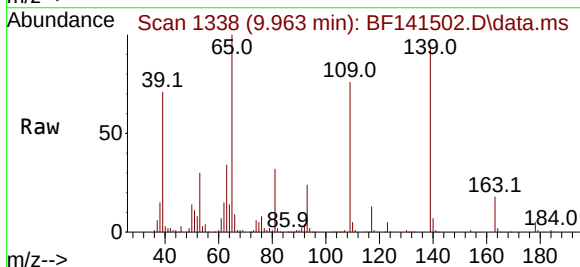
Tgt Ion:139 Resp: 214465

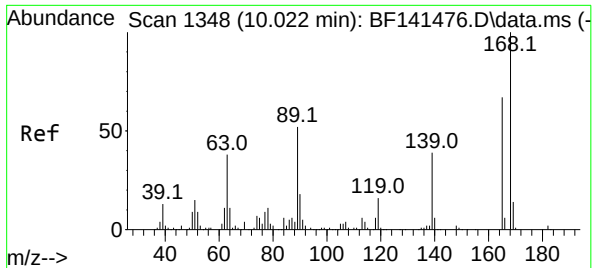
Ion Ratio Lower Upper

139 100

109 80.5 62.0 102.0

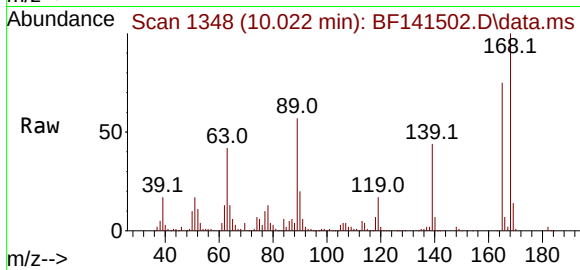
65 106.5 91.2 131.2



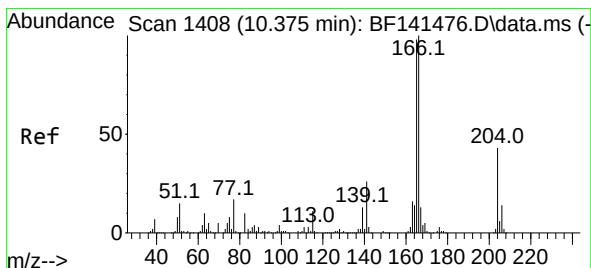
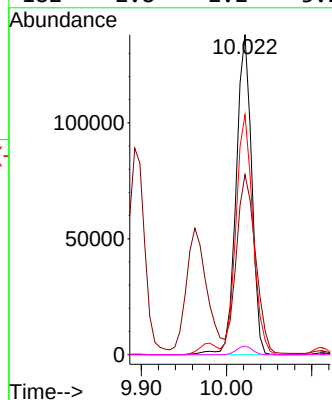
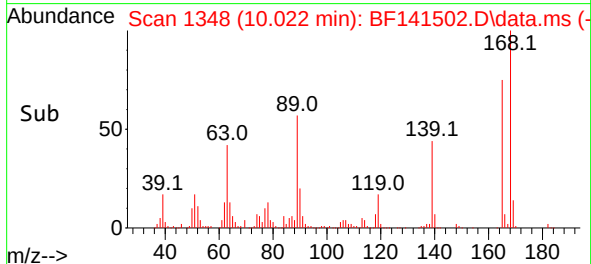


#57
2,4-Dinitrotoluene
Concen: 46.566 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

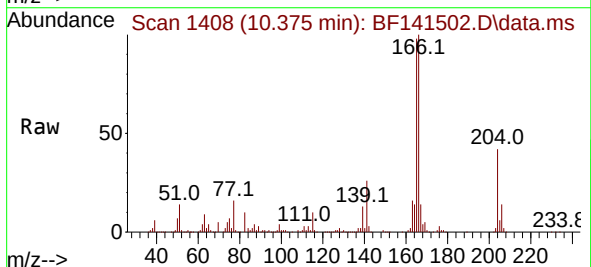
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



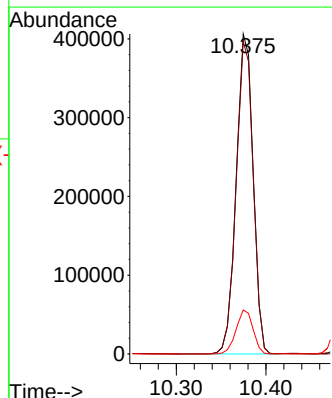
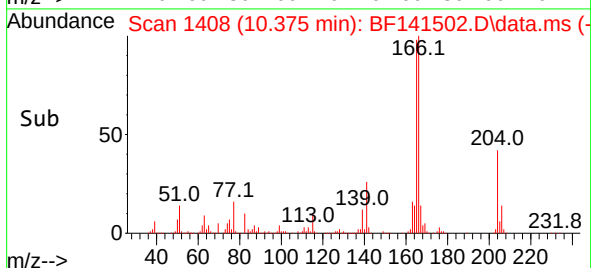
Tgt Ion:165 Resp: 175190
Ion Ratio Lower Upper
165 100
63 56.3 46.4 69.6
89 75.0 61.8 92.6
182 2.8 2.2 3.2

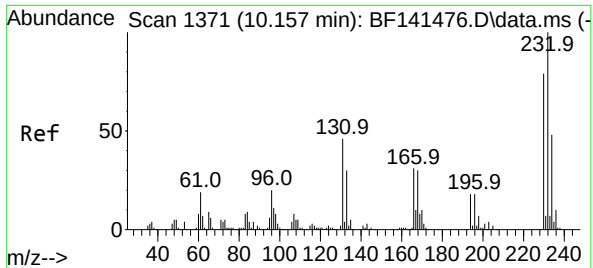


#58
Fluorene
Concen: 43.052 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:166 Resp: 533385
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.7 10.7 16.1

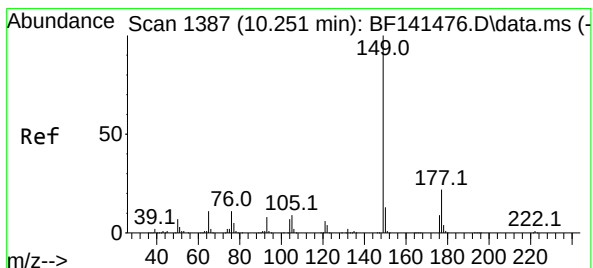
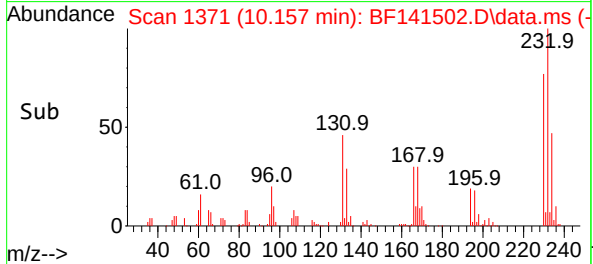
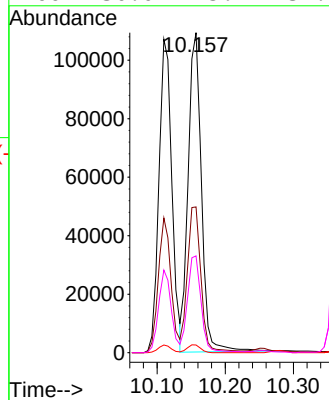
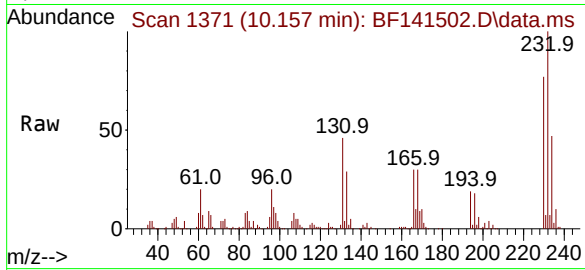




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.205 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

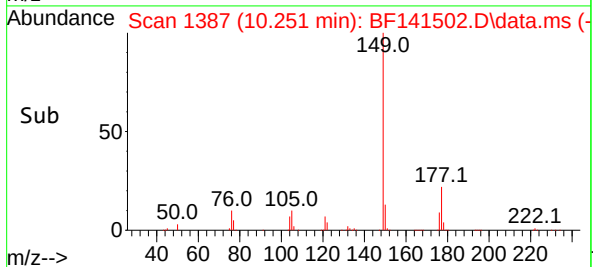
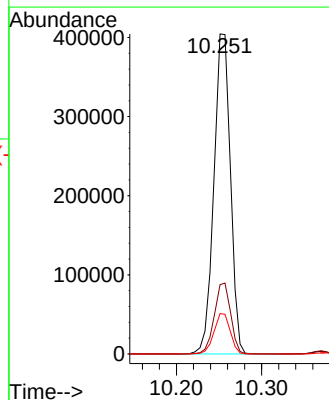
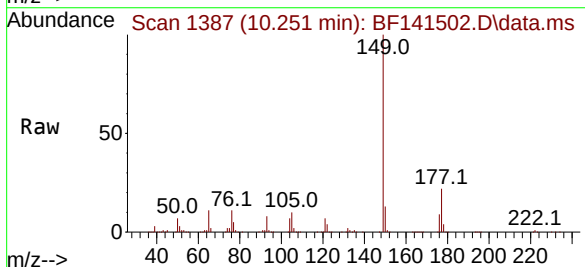
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

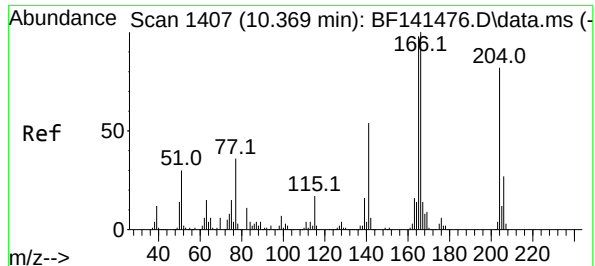
Tgt Ion:232 Resp: 146865
Ion Ratio Lower Upper
232 100
131 46.6 39.2 58.8
130 2.4 2.1 3.1
166 30.0 25.1 37.7



#60
Diethylphthalate
Concen: 42.871 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:149 Resp: 545278
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.6 10.1 15.1

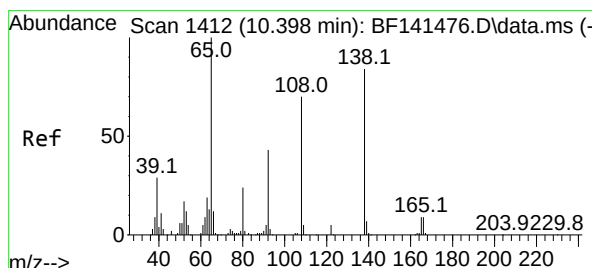
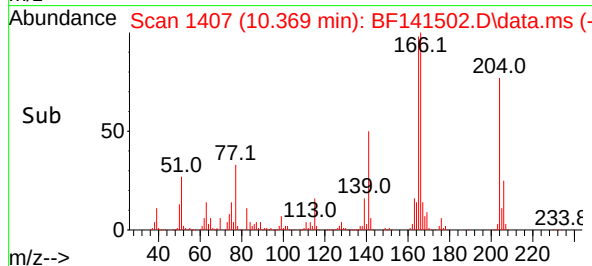
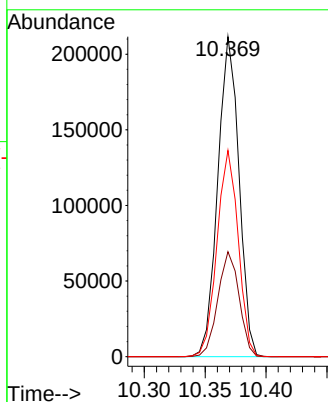
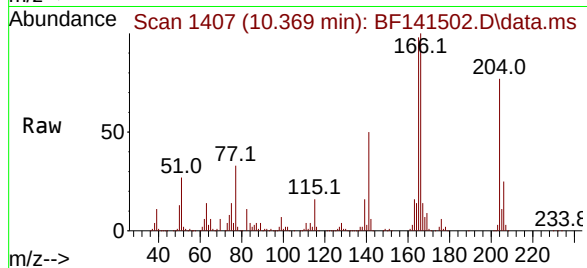




#61
4-Chlorophenyl-phenylether
Concen: 43.082 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

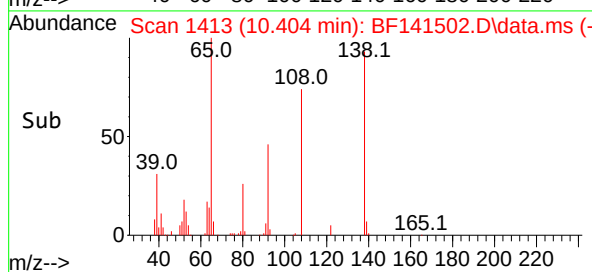
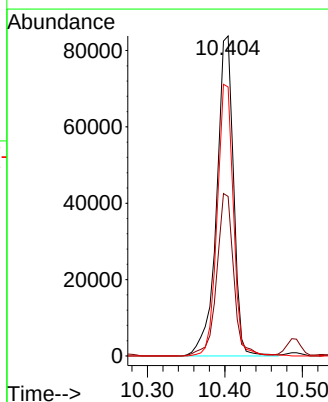
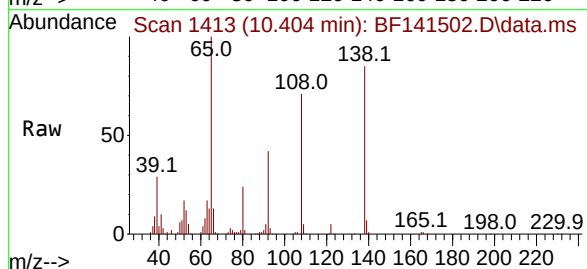
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

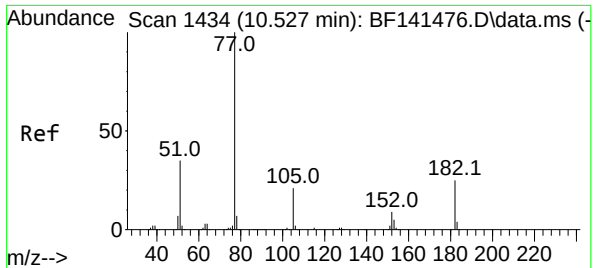
Tgt Ion:204 Resp: 256786
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 64.5 51.9 77.9



#62
4-Nitroaniline
Concen: 41.147 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:138 Resp: 127085
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 84.1 63.7 103.7

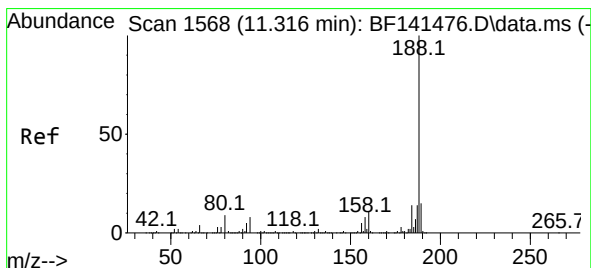
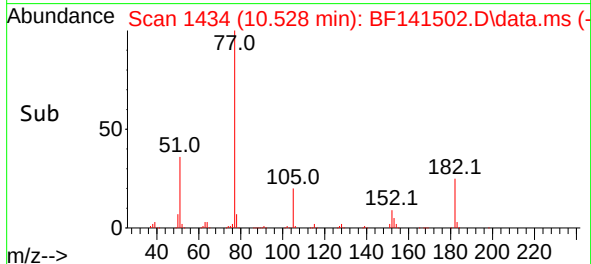
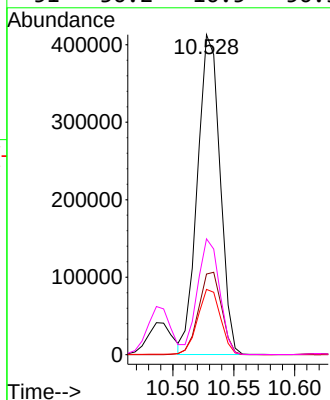
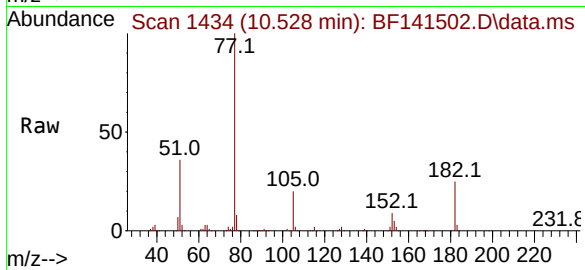




#63
Azobenzene
Concen: 41.957 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

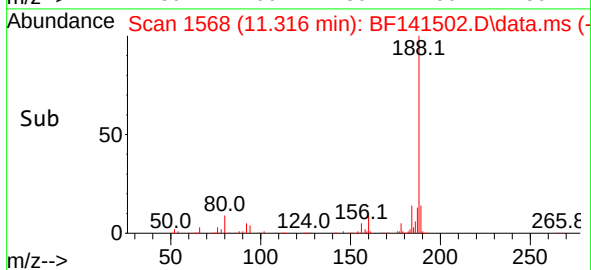
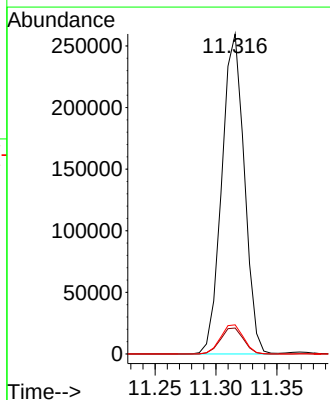
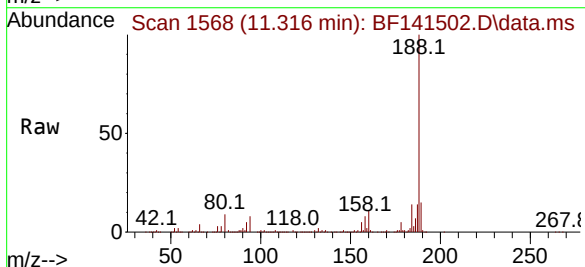
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

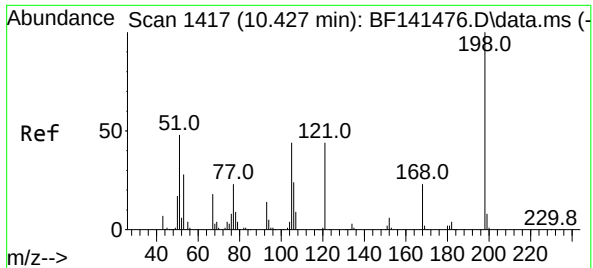
Tgt Ion: 77	Resp: 530524
Ion Ratio	Lower Upper
77 100	
182 25.2	4.7 44.7
105 20.4	0.4 40.4
51 36.2	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:188	Resp: 334349
Ion Ratio	Lower Upper
188 100	
94 8.1	6.6 10.0
80 9.1	7.3 10.9

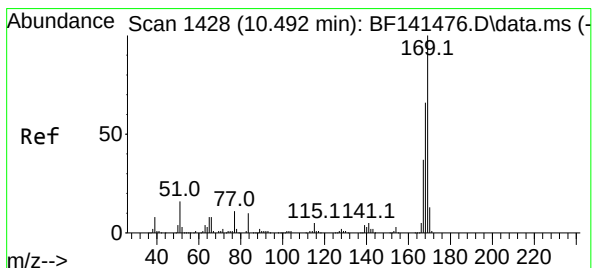
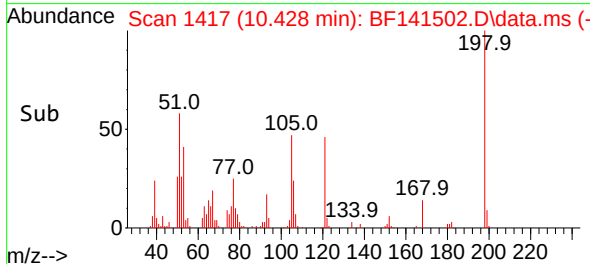
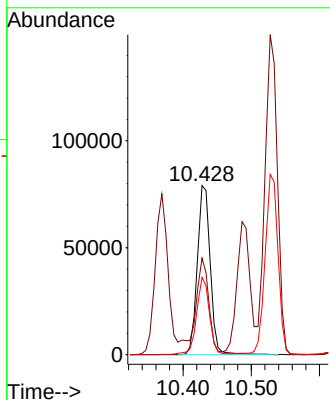
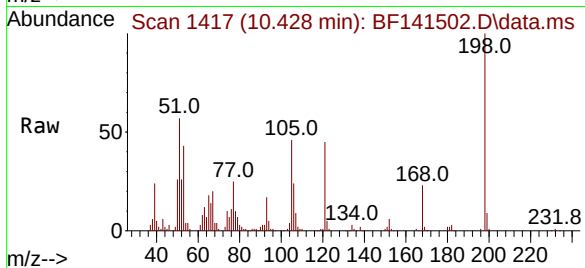




#65
4,6-Dinitro-2-methylphenol
Concen: 44.855 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

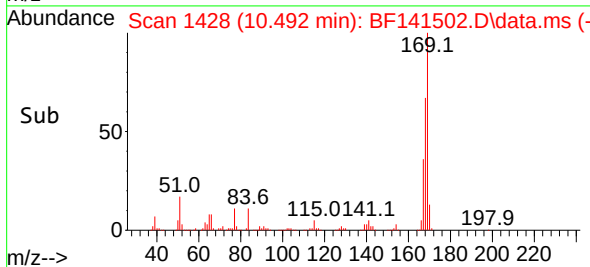
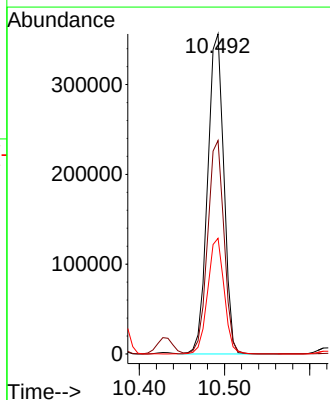
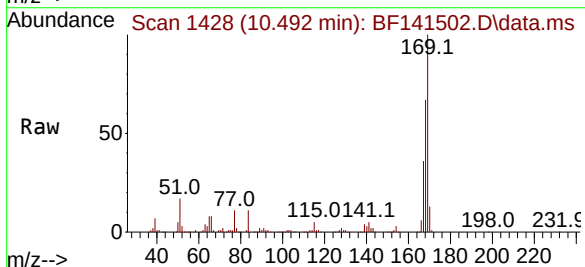
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

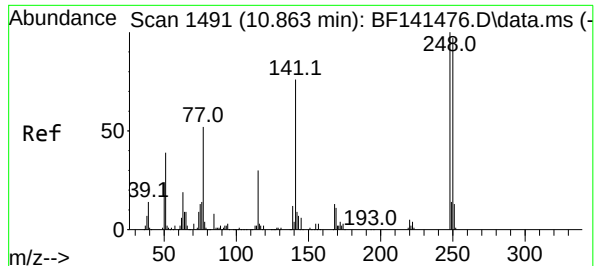
Tgt Ion:198 Resp: 104179
Ion Ratio Lower Upper
198 100
51 57.0 37.4 77.4
105 45.7 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.972 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

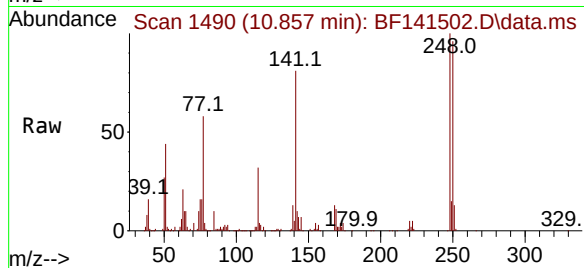
Tgt Ion:169 Resp: 470625
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.2 29.4 44.2



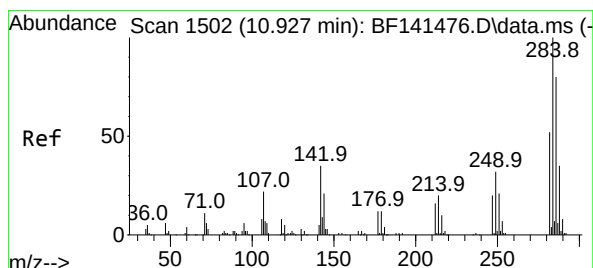
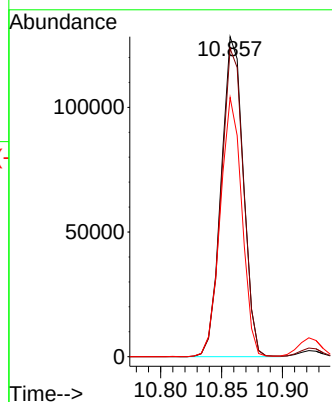
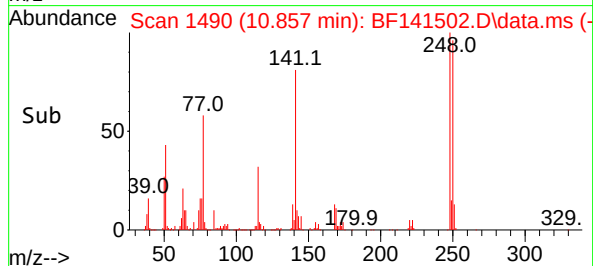


#67
4-Bromophenyl-phenylether
Concen: 43.470 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

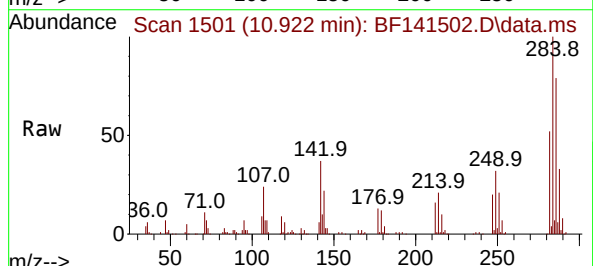
Instrument :
BNA_F
ClientSampleId :
PB166567BSD



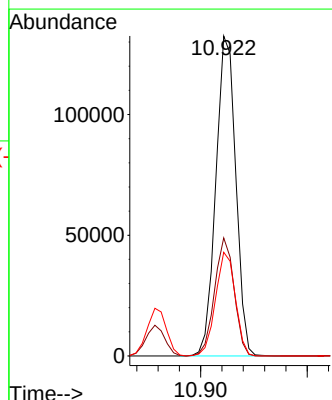
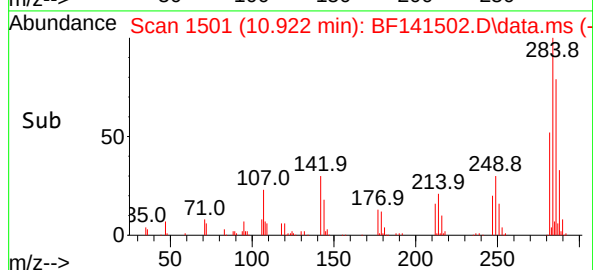
Tgt Ion:248 Resp: 162438
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 81.0 60.6 90.8

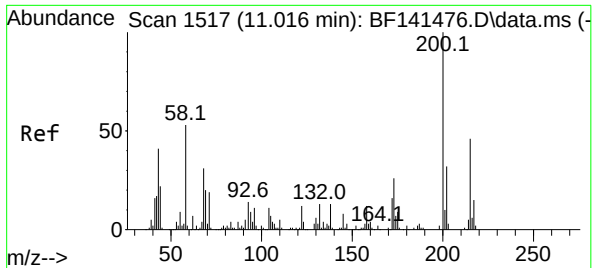


#68
Hexachlorobenzene
Concen: 44.604 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32



Tgt Ion:284 Resp: 171632
Ion Ratio Lower Upper
284 100
142 36.9 28.0 42.0
249 32.4 25.8 38.8





#69

Atrazine

Concen: 55.978 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

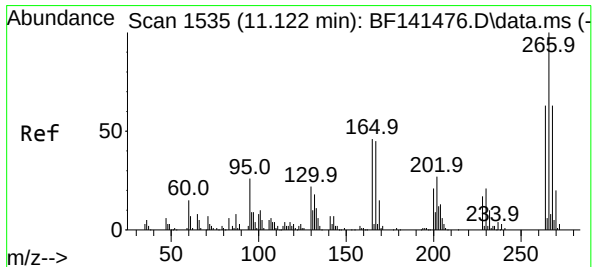
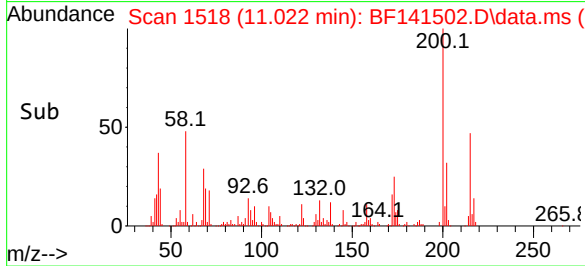
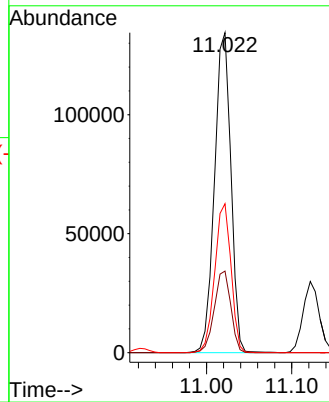
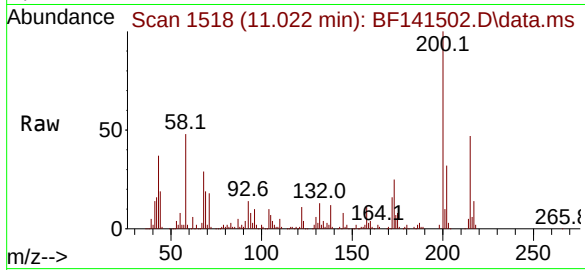
Tgt Ion:200 Resp: 179738

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

215 46.5 25.9 65.9



#70

Pentachlorophenol

Concen: 87.118 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

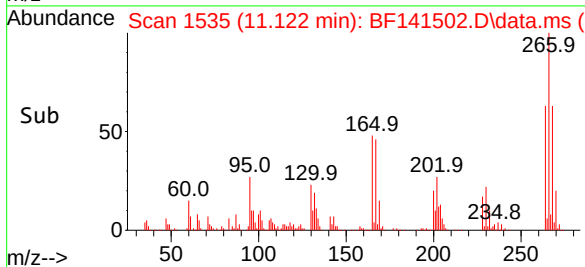
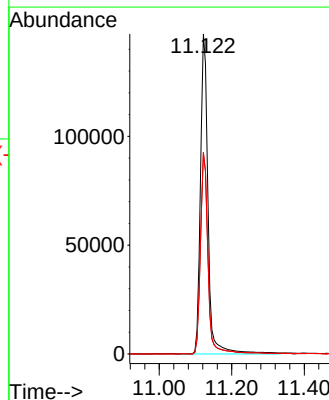
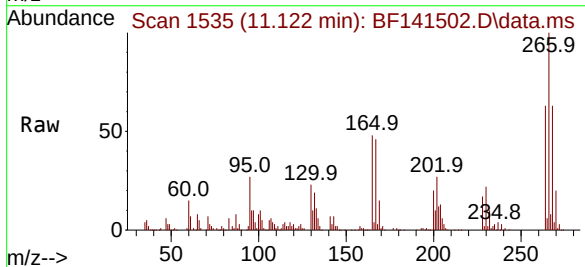
Tgt Ion:266 Resp: 214347

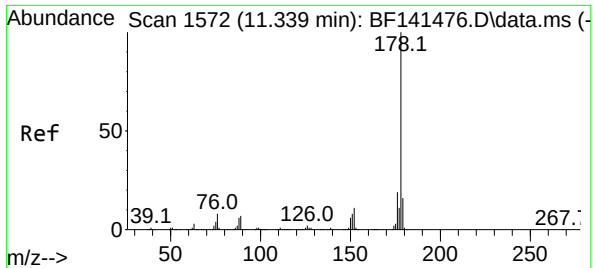
Ion Ratio Lower Upper

266 100

268 62.9 50.1 75.1

264 63.0 50.1 75.1

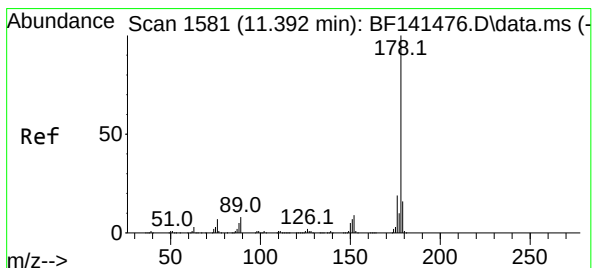
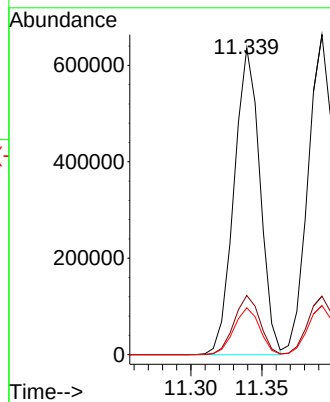
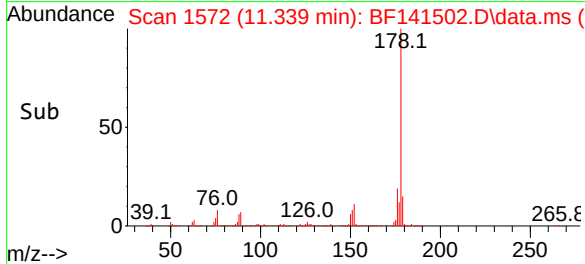
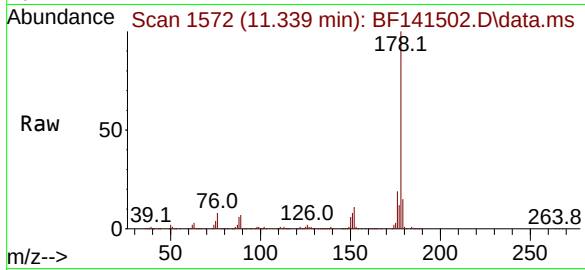




#71
Phenanthrene
Concen: 43.779 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

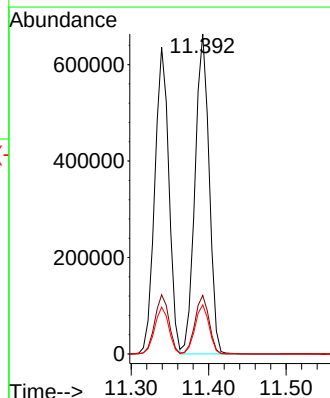
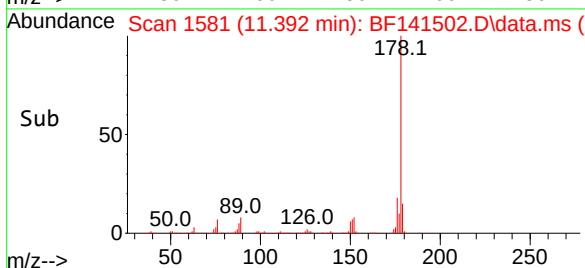
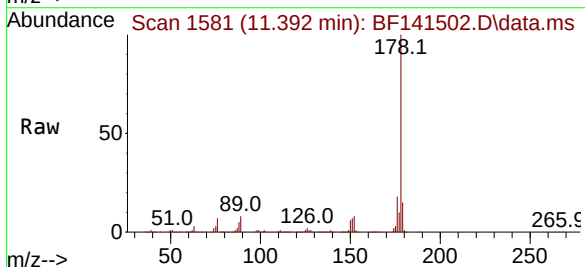
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

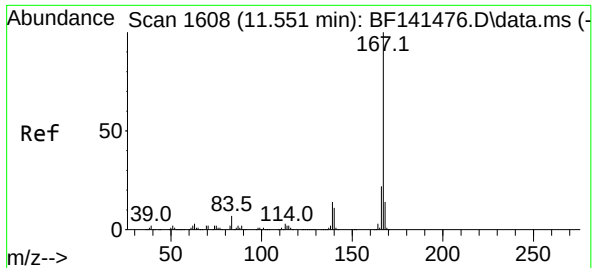
Tgt Ion:178 Resp: 805732
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 45.224 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:178 Resp: 836681
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.4 18.6

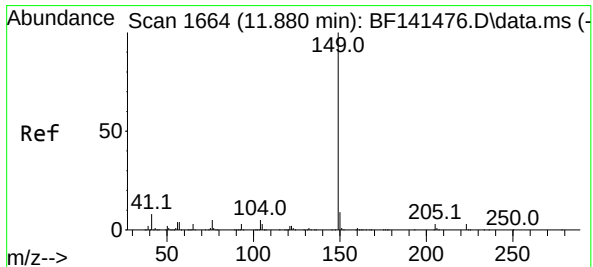
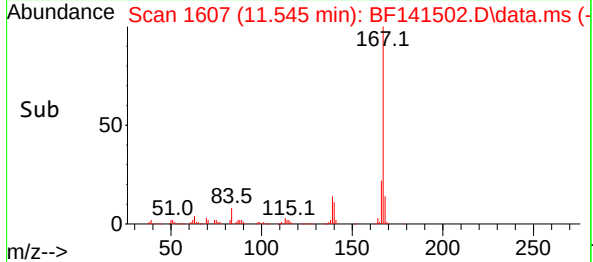
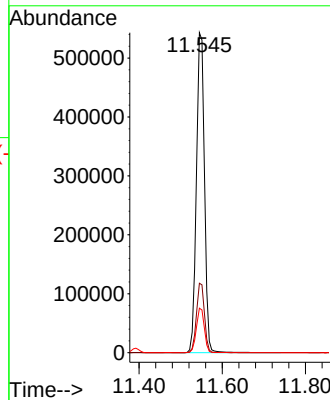
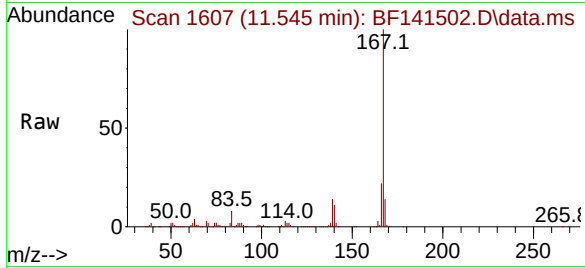




#73
Carbazole
Concen: 43.797 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

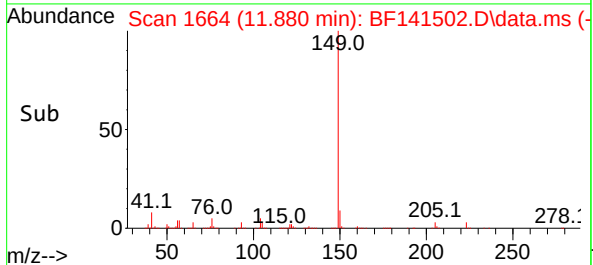
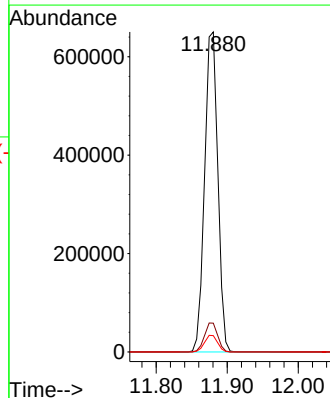
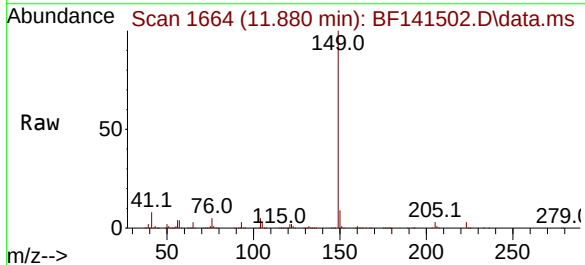
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

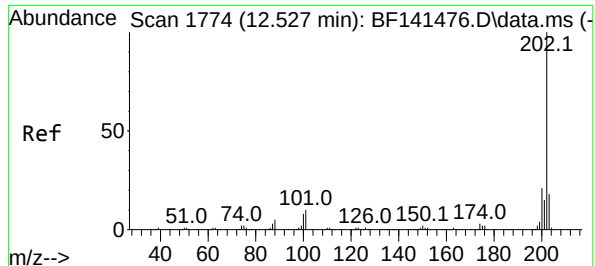
Tgt Ion:167 Resp: 729093
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.9 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.885 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:149 Resp: 843535
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.2 6.2

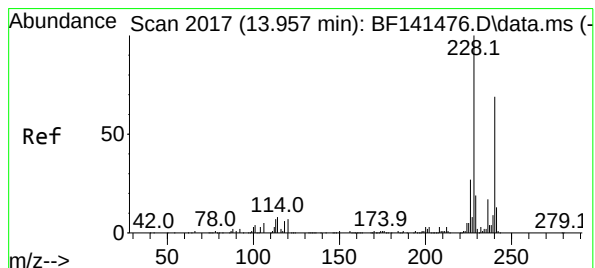
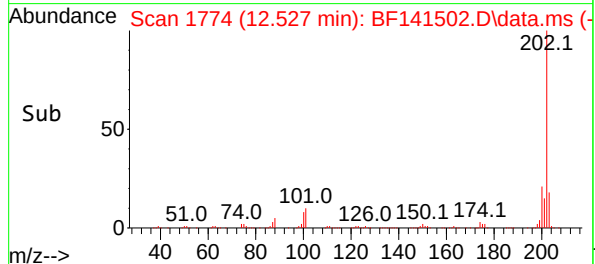
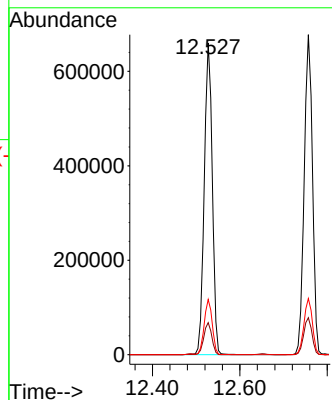
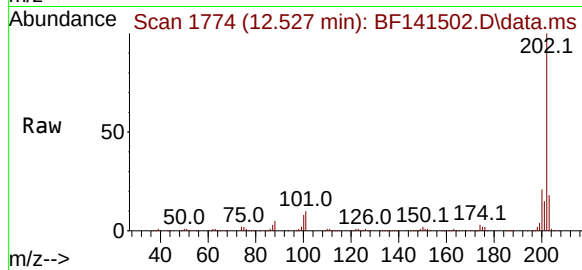




#75
Fluoranthene
Concen: 43.456 ng
RT: 12.527 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

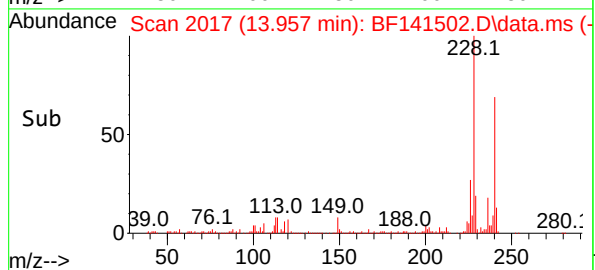
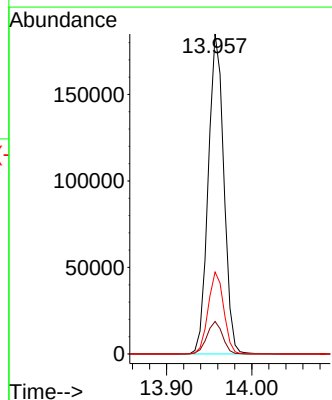
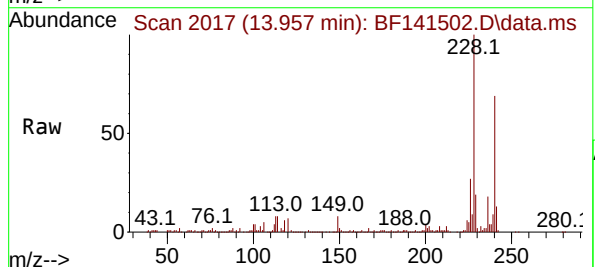
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

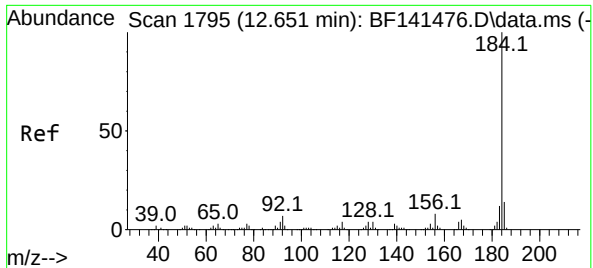
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.2
203	17.7	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.0	12.0
236	25.6	19.8	29.8

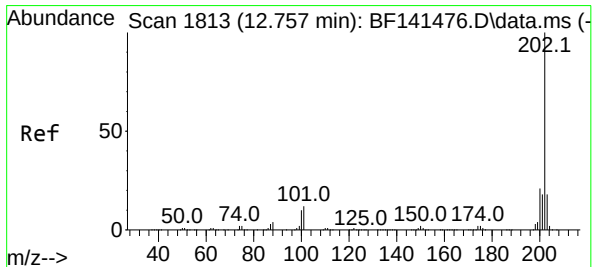
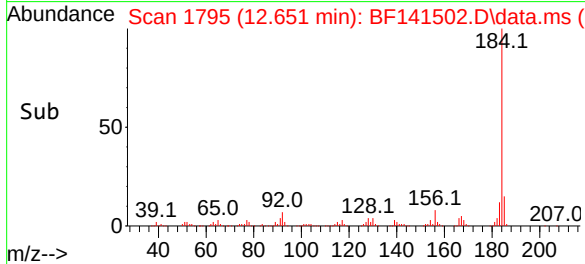
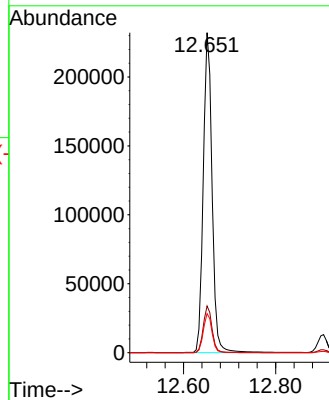
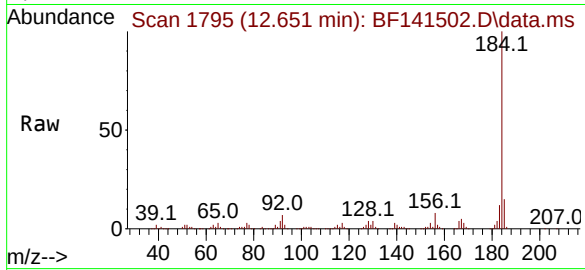




#77
Benzidine
Concen: 59.808 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

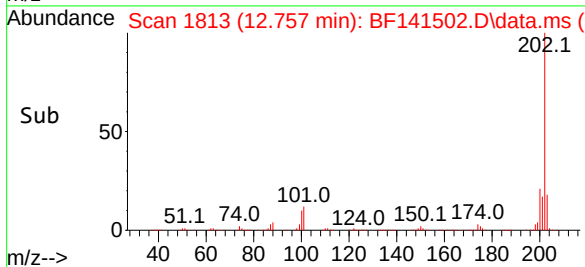
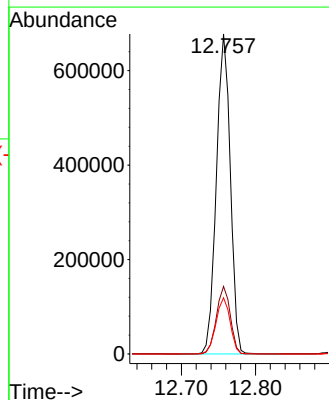
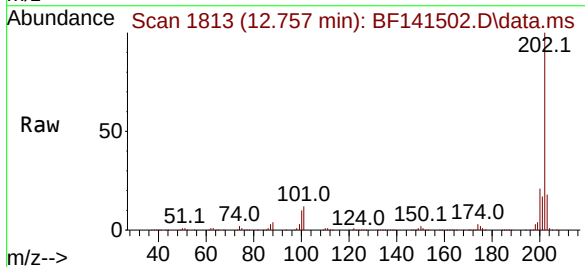
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

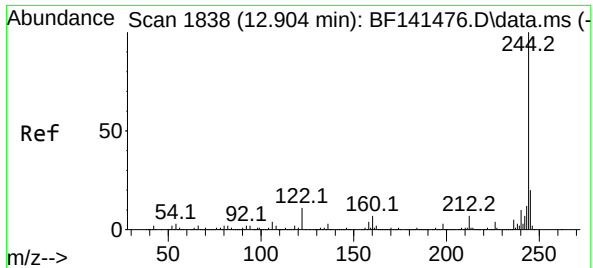
Tgt Ion:184 Resp: 310473
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.2 9.3 13.9



#78
Pyrene
Concen: 44.082 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:202 Resp: 883274
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 98.306 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

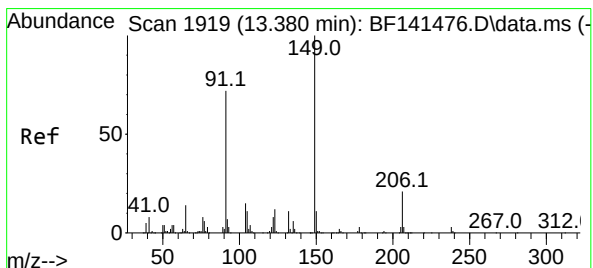
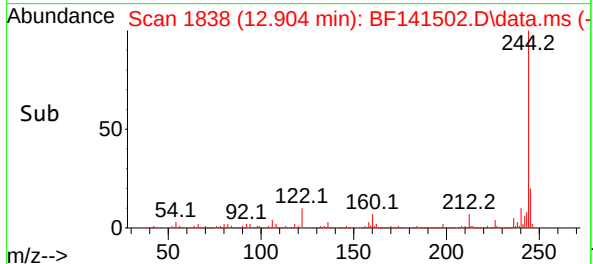
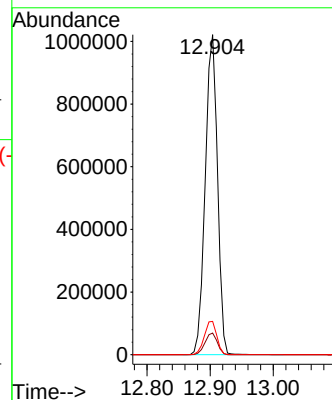
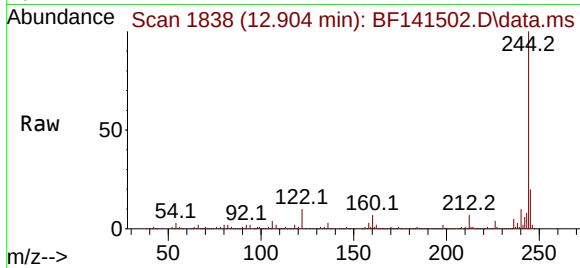
Tgt Ion:244 Resp: 1370670

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.4 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.879 ng

RT: 13.380 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

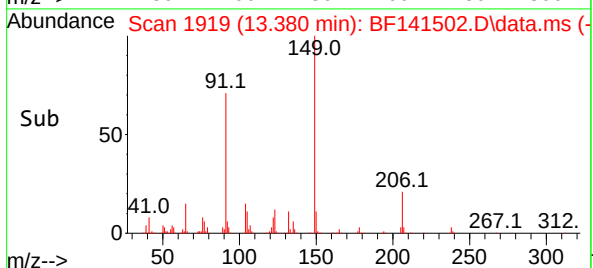
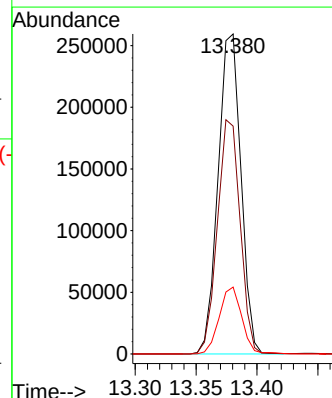
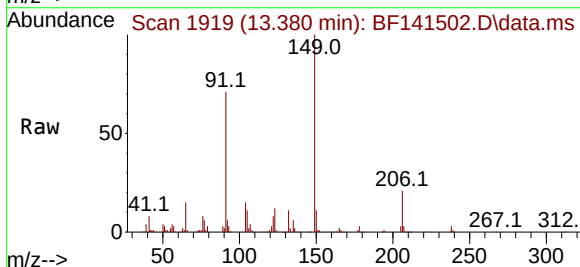
Tgt Ion:149 Resp: 339236

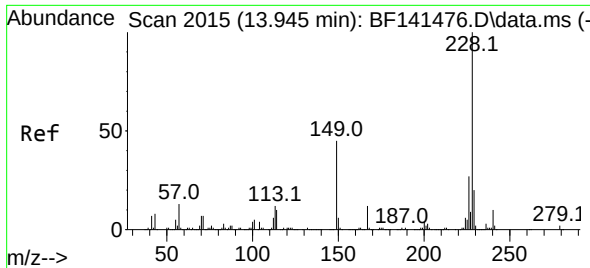
Ion Ratio Lower Upper

149 100

91 71.2 57.8 86.8

206 20.9 16.7 25.1

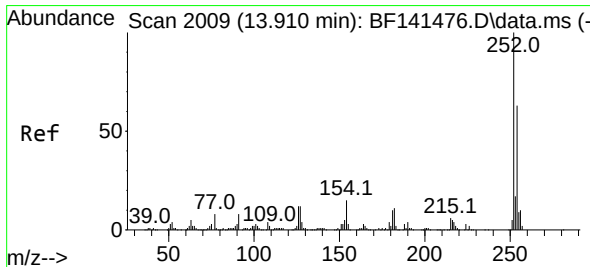
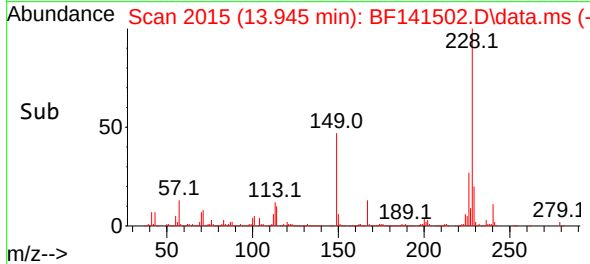
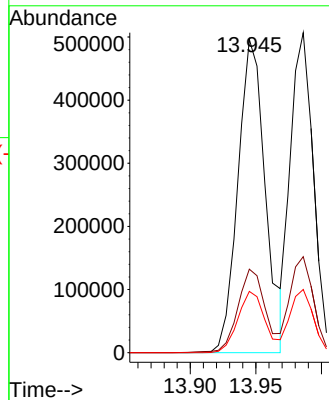
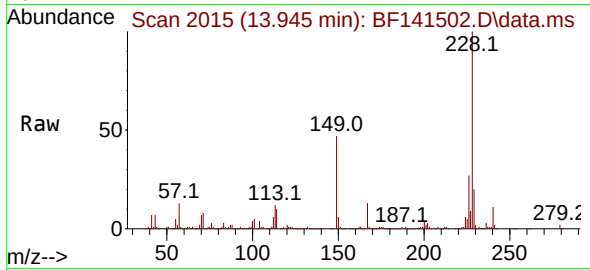




#81
Benzo(a)anthracene
Concen: 46.133 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

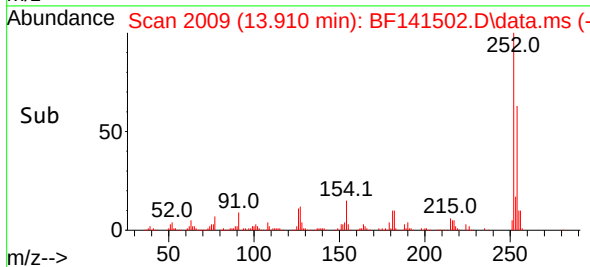
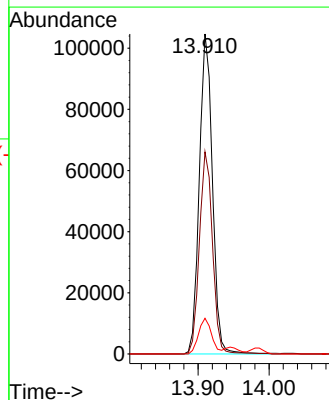
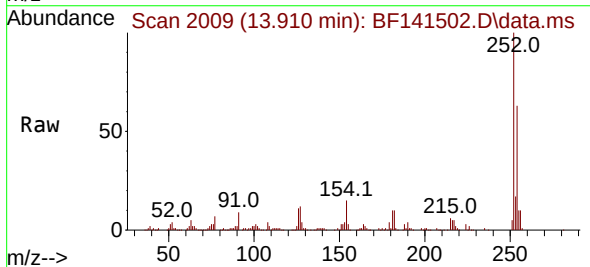
Instrument :
BNA_F
ClientSampleId :
PB166567BSD

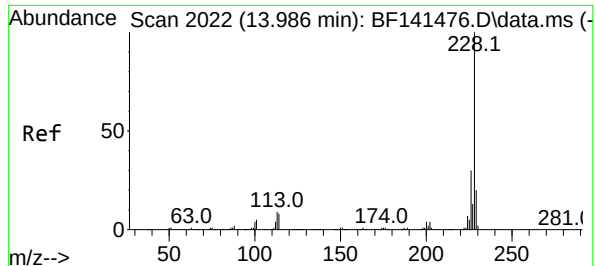
Tgt Ion:228 Resp: 721820
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.045 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141502.D
Acq: 07 Feb 2025 12:32

Tgt Ion:252 Resp: 134663
Ion Ratio Lower Upper
252 100
254 63.2 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 42.674 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

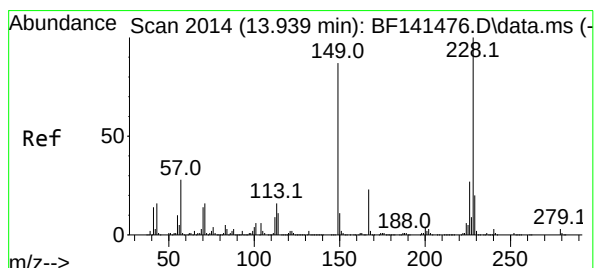
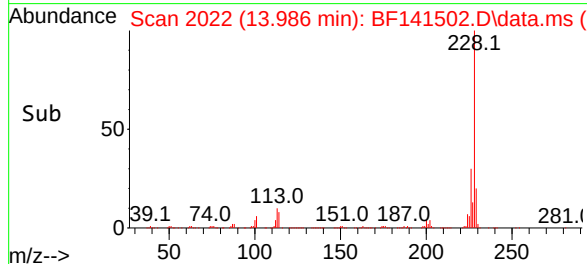
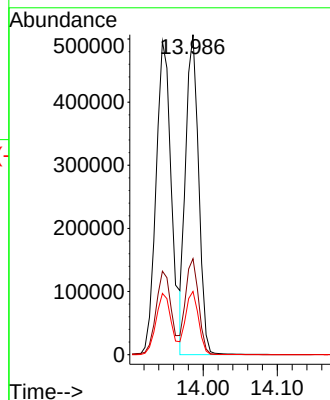
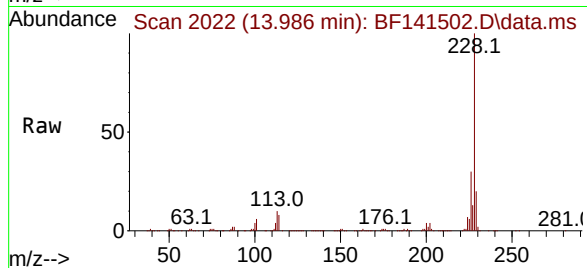
Tgt Ion:228 Resp: 616524

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.585 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

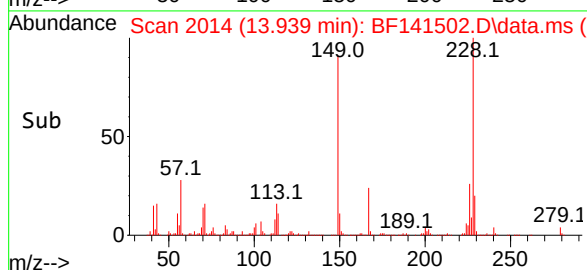
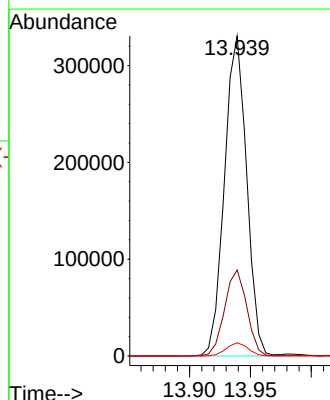
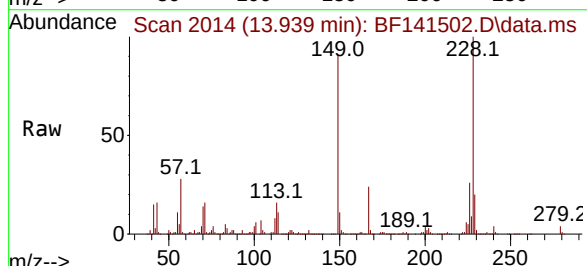
Tgt Ion:149 Resp: 419441

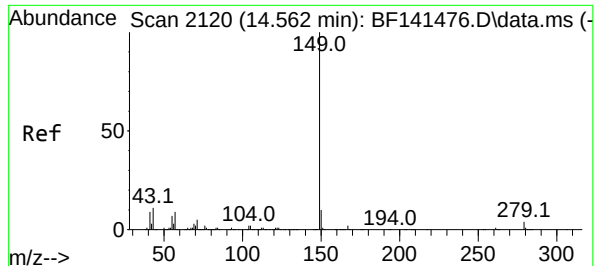
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.136 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

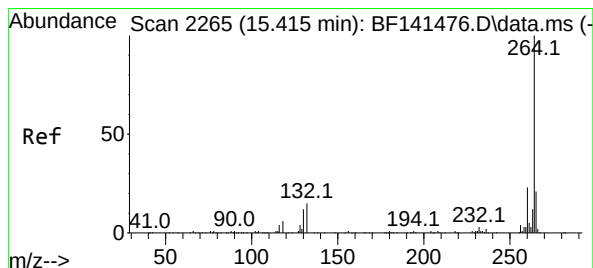
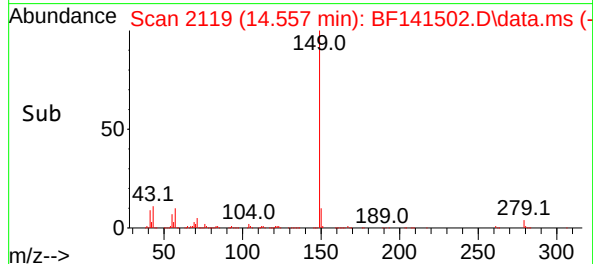
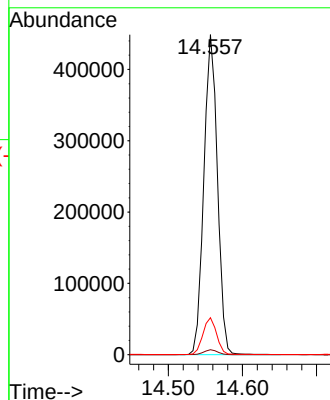
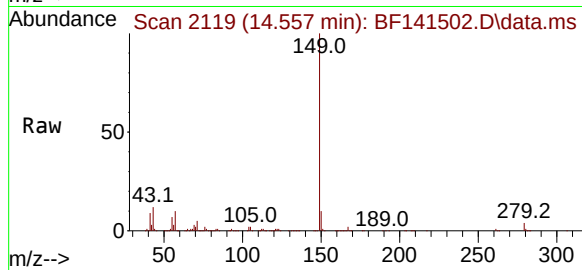
Tgt Ion:149 Resp: 571019

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

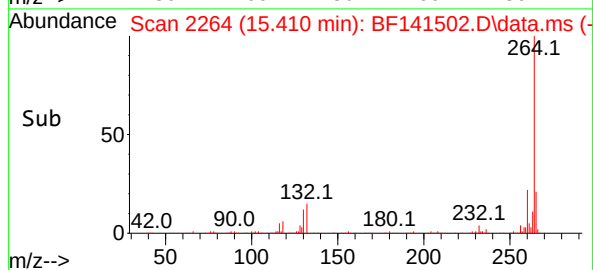
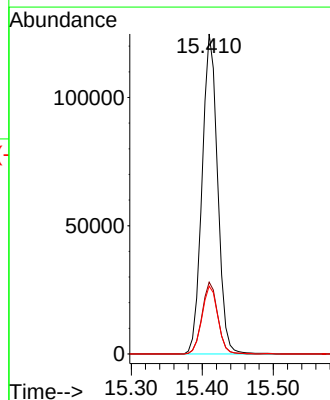
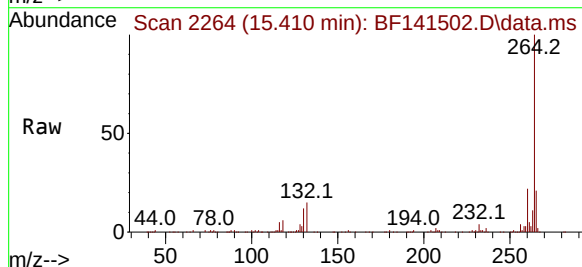
Tgt Ion:264 Resp: 189950

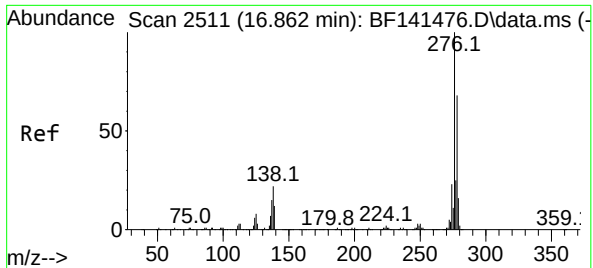
Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.480 ng

RT: 16.857 min Scan# 2193

Delta R.T. -0.017 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

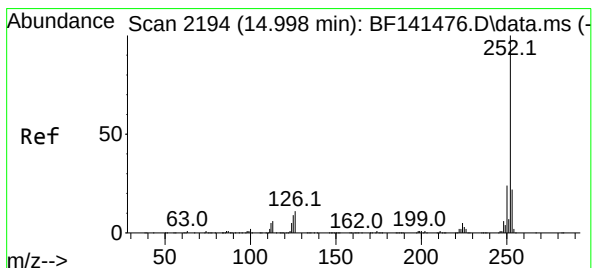
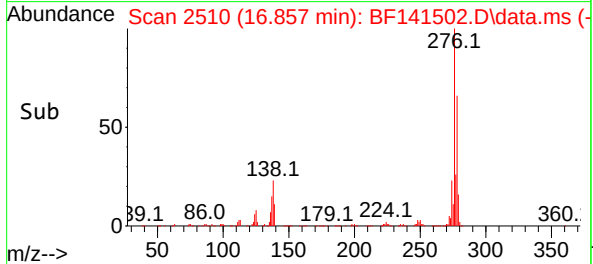
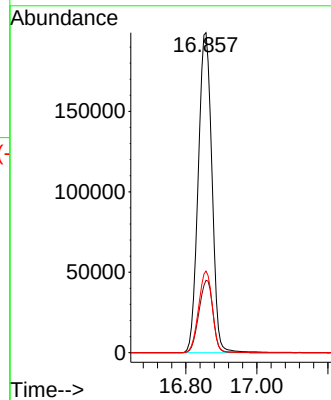
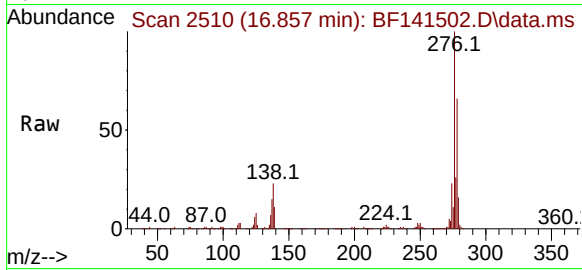
Tgt Ion:276 Resp: 533785

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.608 ng

RT: 14.992 min Scan# 2193

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

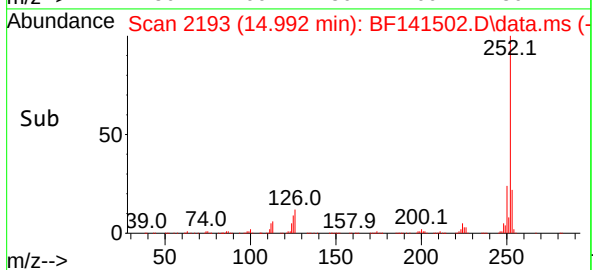
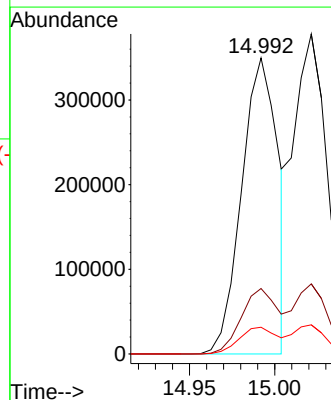
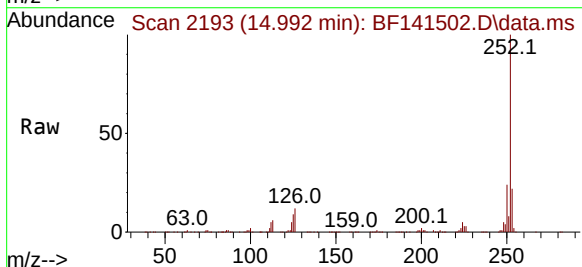
Tgt Ion:252 Resp: 517921

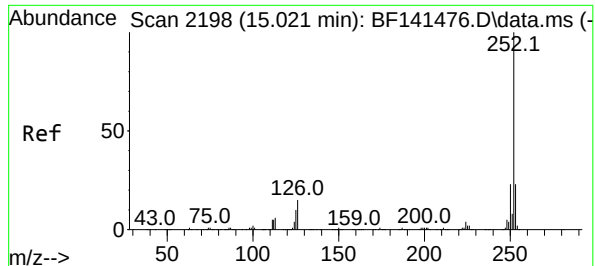
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 48.048 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

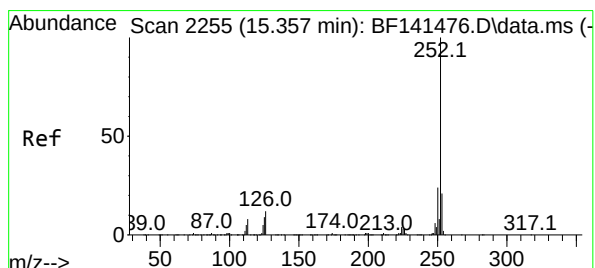
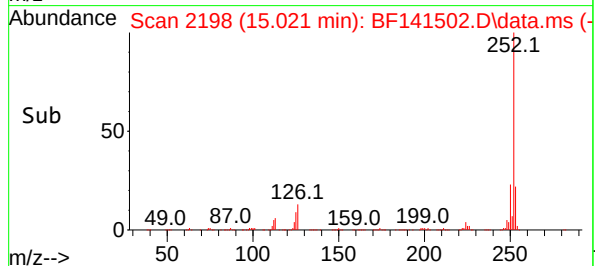
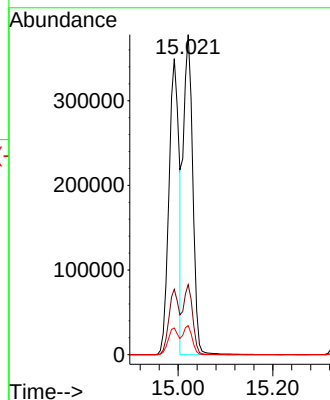
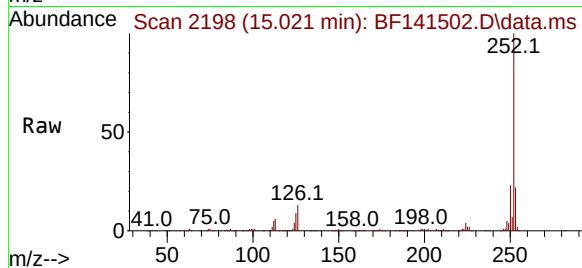
Tgt Ion:252 Resp: 523291

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.171 ng

RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

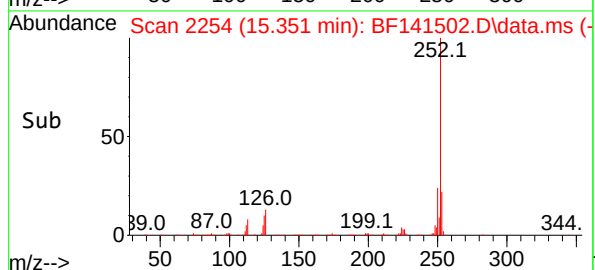
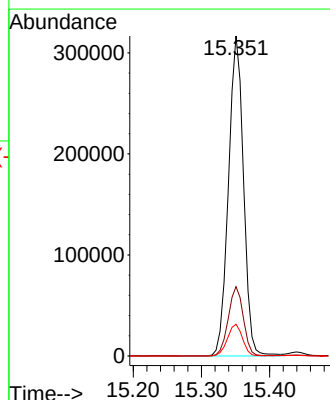
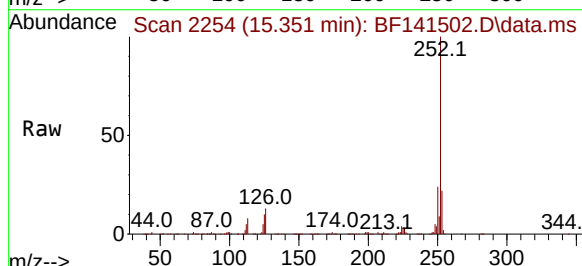
Tgt Ion:252 Resp: 486823

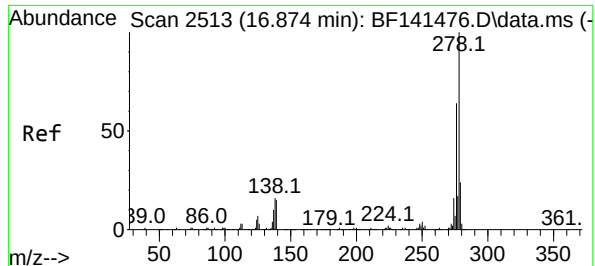
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.9 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 45.610 ng

RT: 16.868 min Scan# 2513

Delta R.T. -0.023 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB166567BSD

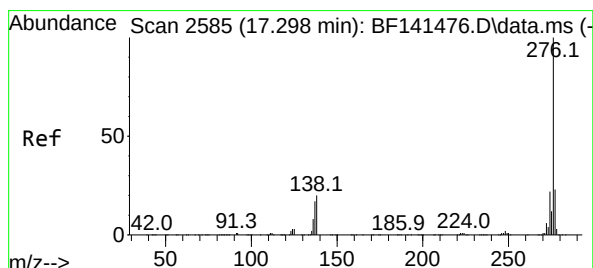
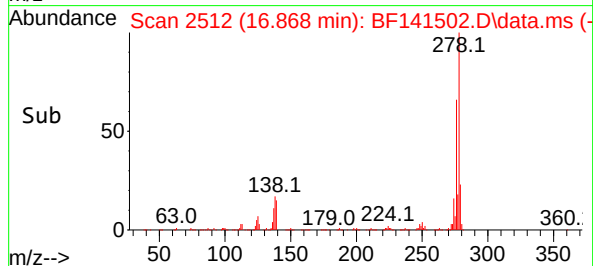
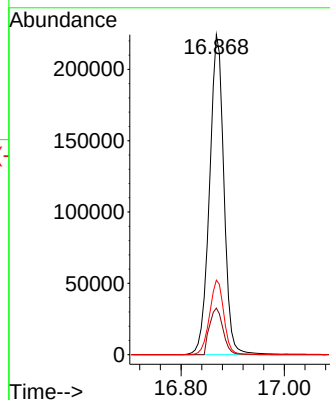
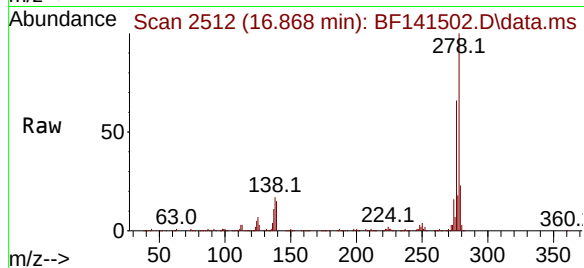
Tgt Ion:278 Resp: 433758

Ion Ratio Lower Upper

278 100

139 14.6 11.8 17.6

279 23.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.735 ng

RT: 17.286 min Scan# 2583

Delta R.T. -0.029 min

Lab File: BF141502.D

Acq: 07 Feb 2025 12:32

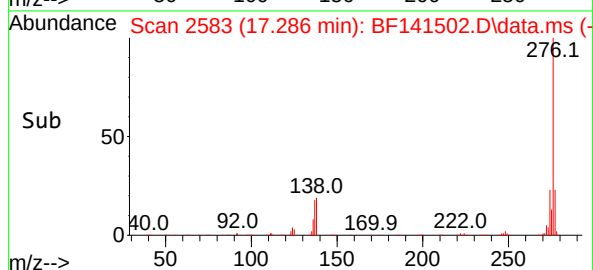
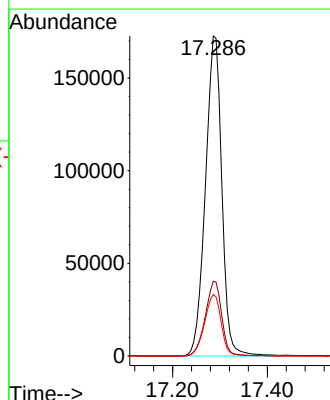
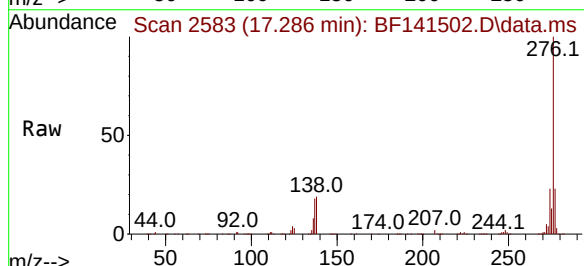
Tgt Ion:276 Resp: 415345

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 19.2 15.9 23.9



Manual Integration Report

Sequence:

BF012925

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF141292.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:04 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC020	BF141293.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:07 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC050	BF141295.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:10 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC060	BF141296.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:13 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC060	BF141296.D	Benzoic acid	yogesh	1/30/2025 7:49:13 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICV040	BF141298.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:17 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF020525

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF141435.D	2,4-Dimethylphenol	yogesh	2/6/2025 7:43:50 AM	mohammad	2/6/2025 8:39:24 AM	Peak Integrated by Software
SSTDCCC040	BF141435.D	n-Nitrosodimethylamine	yogesh	2/6/2025 7:43:50 AM	mohammad	2/6/2025 8:39:24 AM	Peak Integrated by Software
SSTDCCC040	BF141447.D	2,4-Dimethylphenol	yogesh	2/6/2025 7:44:39 AM	mohammad	2/6/2025 8:39:24 AM	Peak Integrated by Software
SSTDCCC040	BF141447.D	Benzo(b)fluoranthene	yogesh	2/6/2025 7:44:39 AM	mohammad	2/6/2025 8:39:24 AM	Peak Integrated by Software
SSTDCCC040	BF141447.D	n-Nitrosodimethylamine	yogesh	2/6/2025 7:44:39 AM	mohammad	2/6/2025 8:39:24 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	bf020625	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF141474.D	Acenaphthene	Jagrut	2/7/2025 3:49:22 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software
SSTDICC020	BF141475.D	Acenaphthene	Jagrut	2/7/2025 3:49:24 PM	mohammad	2/7/2025 10:09:12 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	bf020725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166567BS	BF141501.D	Caprolactam	Rahul	2/10/2025 12:36:17 PM	 	 	Peak Integrated by Software
PB166567BSD	BF141502.D	Caprolactam	anahy	2/10/2025 12:36:52 PM	 	 	Peak Integrated by Software
SSTDCCC040	BF141506.D	Acenaphthene	anahy	2/10/2025 12:38:30 PM	 	 	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF012925

Review By	Jagrut	Review On	1/31/2025 4:39:47 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:21:59 AM		
SubDirectory	BF012925	HP Acquire Method	BNA_F	HP Processing Method	bf012925
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673				
CCC	SP6676				
Internal Standard/PEM	S12649,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141289.D	29 Jan 2025 10:03	RC/JU	Ok
2	SSTDICC2.5	BF141290.D	29 Jan 2025 10:30	RC/JU	Ok
3	SSTDICC005	BF141291.D	29 Jan 2025 10:56	RC/JU	Ok
4	SSTDICC010	BF141292.D	29 Jan 2025 11:49	RC/JU	Ok,M
5	SSTDICC020	BF141293.D	29 Jan 2025 15:17	RC/JU	Ok,M
6	SSTDICCC040	BF141294.D	29 Jan 2025 15:45	RC/JU	Ok
7	SSTDICC050	BF141295.D	29 Jan 2025 16:11	RC/JU	Ok,M
8	SSTDICC060	BF141296.D	29 Jan 2025 16:38	RC/JU	Ok,M
9	SSTDICC080	BF141297.D	29 Jan 2025 17:05	RC/JU	Ok
10	SSTDICV040	BF141298.D	29 Jan 2025 17:31	RC/JU	Ok,M
11	PB166167BL	BF141299.D	29 Jan 2025 18:24	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020525

Review By	yogesh	Review On	2/6/2025 7:45:47 AM
Supervise By	mohammad	Supervise On	2/6/2025 8:39:24 AM
SubDirectory	BF020525	HP Acquire Method	BNA_F
		HP Processing Method	bf012925
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141434.D	05 Feb 2025 09:36	RC/JU	Ok
2	SSTDCCC040	BF141435.D	05 Feb 2025 10:02	RC/JU	Ok,M
3	PB166264BL	BF141436.D	05 Feb 2025 10:28	RC/JU	Ok
4	PB166264BS	BF141437.D	05 Feb 2025 10:55	RC/JU	Ok,M
5	PB166211TB	BF141438.D	05 Feb 2025 11:21	RC/JU	Ok
6	PB166294BS	BF141439.D	05 Feb 2025 11:47	RC/JU	Ok,M
7	PB166418BL	BF141440.D	05 Feb 2025 12:13	RC/JU	Ok
8	PB166418BS	BF141441.D	05 Feb 2025 12:39	RC/JU	Ok,M
9	PB166339BS	BF141442.D	05 Feb 2025 13:05	RC/JU	Ok,M
10	PB166339BSD	BF141443.D	05 Feb 2025 13:31	RC/JU	Ok,M
11	PB166525BS	BF141444.D	05 Feb 2025 13:58	RC/JU	Ok,M
12	PB166354BS	BF141445.D	05 Feb 2025 14:24	RC/JU	Ok,M
13	DFTPP	BF141446.D	05 Feb 2025 14:50	RC/JU	Ok
14	SSTDCCC040	BF141447.D	05 Feb 2025 15:16	RC/JU	Ok,M
15	PB166318TB	BF141448.D	05 Feb 2025 15:43	RC/JU	Ok
16	Q1215-04	BF141449.D	05 Feb 2025 16:16	RC/JU	Ok
17	Q1215-08	BF141450.D	05 Feb 2025 16:42	RC/JU	Ok
18	Q1282-01	BF141451.D	05 Feb 2025 17:08	RC/JU	Ok
19	Q1207-04	BF141452.D	05 Feb 2025 17:35	RC/JU	Ok
20	Q1207-08	BF141453.D	05 Feb 2025 18:01	RC/JU	Ok
21	Q1207-20	BF141454.D	05 Feb 2025 18:27	RC/JU	Ok

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020525

Review By	yogesh	Review On	2/6/2025 7:45:47 AM
Supervise By	mohammad	Supervise On	2/6/2025 8:39:24 AM
SubDirectory	BF020525	HP Acquire Method	BNA_F
		HP Processing Method	bf012925
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673		
CCC	SP6676		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1207-12	BF141455.D	05 Feb 2025 18:54	RC/JU	Ok
23	Q1207-16	BF141456.D	05 Feb 2025 19:20	RC/JU	Ok
24	Q1280-02	BF141457.D	05 Feb 2025 19:46	RC/JU	Ok
25	Q1280-02MS	BF141458.D	05 Feb 2025 20:12	RC/JU	Ok,M
26	Q1280-02MSD	BF141459.D	05 Feb 2025 20:38	RC/JU	Ok,M
27	Q1207-19	BF141460.D	05 Feb 2025 21:05	RC/JU	Ok,M
28	Q1206-03	BF141461.D	05 Feb 2025 21:31	RC/JU	Dilution
29	Q1207-03	BF141462.D	05 Feb 2025 21:57	RC/JU	Ok,M
30	Q1207-11	BF141463.D	05 Feb 2025 22:23	RC/JU	Ok,M
31	Q1207-07	BF141464.D	05 Feb 2025 22:49	RC/JU	Ok,M
32	Q1207-15	BF141465.D	05 Feb 2025 23:15	RC/JU	Ok,M
33	Q1206-07	BF141466.D	05 Feb 2025 23:41	RC/JU	Ok,M
34	Q1284-01	BF141467.D	06 Feb 2025 00:07	RC/JU	Ok
35	Q1286-01	BF141468.D	06 Feb 2025 00:33	RC/JU	Ok
36	Q1288-04	BF141469.D	06 Feb 2025 00:59	RC/JU	Ok,M
37	Q1285-01	BF141470.D	06 Feb 2025 01:26	RC/JU	Dilution

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QCBatch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141471.D	06 Feb 2025 10:41	RC/JU	Ok
2	SSTDICC2.5	BF141472.D	06 Feb 2025 11:07	RC/JU	Ok
3	SSTDICC005	BF141473.D	06 Feb 2025 11:34	RC/JU	Ok
4	SSTDICC010	BF141474.D	06 Feb 2025 12:00	RC/JU	Ok,M
5	SSTDICC020	BF141475.D	06 Feb 2025 12:26	RC/JU	Ok,M
6	SSTDICCC040	BF141476.D	06 Feb 2025 12:55	RC/JU	Ok
7	SSTDICC050	BF141477.D	06 Feb 2025 13:21	RC/JU	Ok
8	SSTDICC060	BF141478.D	06 Feb 2025 13:47	RC/JU	Ok
9	SSTDICC080	BF141479.D	06 Feb 2025 14:14	RC/JU	Ok
10	SSTDICV040	BF141480.D	06 Feb 2025 15:03	RC/JU	Ok
11	PB166563BL	BF141481.D	06 Feb 2025 15:43	RC/JU	Ok
12	PB166468BS	BF141482.D	06 Feb 2025 16:09	RC/JU	Ok,M
13	PB166468BSD	BF141483.D	06 Feb 2025 16:36	RC/JU	Ok,M
14	PB166468BL	BF141484.D	06 Feb 2025 17:02	RC/JU	Ok
15	Q1214-01RE	BF141485.D	06 Feb 2025 17:34	RC/JU	Confirms
16	Q1309-01	BF141486.D	06 Feb 2025 18:00	RC/JU	Ok
17	Q1309-05	BF141487.D	06 Feb 2025 18:27	RC/JU	Ok
18	Q1309-09	BF141488.D	06 Feb 2025 18:53	RC/JU	Ok
19	Q1309-13	BF141489.D	06 Feb 2025 19:19	RC/JU	Ok
20	Q1309-13MS	BF141490.D	06 Feb 2025 19:45	RC/JU	Ok,M
21	Q1309-13MSD	BF141491.D	06 Feb 2025 20:11	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12650,10ul/1000ul sample		
ICV/I.BLK	SP6686		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1309-17	BF141492.D	06 Feb 2025 20:37	RC/JU	Ok
23	Q1309-21	BF141493.D	06 Feb 2025 21:03	RC/JU	Ok
24	Q1216-04	BF141494.D	06 Feb 2025 21:30	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020725

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF020725	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12650,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141495.D	07 Feb 2025 09:28	RC/JU	Ok
2	SSTDCCC040	BF141496.D	07 Feb 2025 09:55	RC/JU	Ok
3	PB166588BL	BF141497.D	07 Feb 2025 10:21	RC/JU	Ok
4	PB166588BS	BF141498.D	07 Feb 2025 10:47	RC/JU	Ok,NS
5	PB166567BL	BF141499.D	07 Feb 2025 11:13	RC/JU	Ok
6	PB166563BS	BF141500.D	07 Feb 2025 11:40	RC/JU	Ok,NS
7	PB166567BS	BF141501.D	07 Feb 2025 12:06	RC/JU	Ok,NS
8	PB166567BSD	BF141502.D	07 Feb 2025 12:32	RC/JU	Ok,NS
9	PB166580BL	BF141503.D	07 Feb 2025 12:58	RC/JU	Ok
10	PB166580BS	BF141504.D	07 Feb 2025 13:25	RC/JU	Ok,NS
11	DFTPP	BF141505.D	07 Feb 2025 14:07	RC/JU	Ok
12	SSTDCCC040	BF141506.D	07 Feb 2025 14:33	RC/JU	Ok,NS
13	PB166528TB	BF141507.D	07 Feb 2025 15:00	RC/JU	Ok
14	Q1285-02	BF141508.D	07 Feb 2025 15:31	RC/JU	Ok
15	Q1304-01	BF141509.D	07 Feb 2025 15:58	RC/JU	Ok
16	Q1299-01	BF141510.D	07 Feb 2025 16:24	RC/JU	Ok
17	Q1299-05	BF141511.D	07 Feb 2025 16:50	RC/JU	Ok,NS
18	Q1288-01	BF141512.D	07 Feb 2025 17:16	RC/JU	Dilution
19	Q1288-01MS	BF141513.D	07 Feb 2025 17:43	RC/JU	Ok,NS
20	Q1288-01MSD	BF141514.D	07 Feb 2025 18:09	RC/JU	Ok,NS
21	Q1215-07	BF141515.D	07 Feb 2025 18:35	RC/JU	Dilution

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF020725

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF020725	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12650,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1216-07	BF141516.D	07 Feb 2025 19:02	RC/JU	Ok,NS
23	Q1216-03	BF141517.D	07 Feb 2025 19:28	RC/JU	Ok,NS
24	Q1241-03	BF141518.D	07 Feb 2025 19:54	RC/JU	Dilution
25	Q1232-15	BF141519.D	07 Feb 2025 20:21	RC/JU	Dilution
26	Q1216-15	BF141520.D	07 Feb 2025 20:47	RC/JU	Dilution
27	Q1241-11	BF141521.D	07 Feb 2025 21:13	RC/JU	Ok,NS
28	Q1235-07	BF141522.D	07 Feb 2025 21:40	RC/JU	Ok,NS
29	Q1232-07	BF141523.D	07 Feb 2025 22:07	RC/JU	Ok,NS
30	Q1241-19	BF141524.D	07 Feb 2025 22:33	RC/JU	Ok,NS
31	Q1241-15	BF141525.D	07 Feb 2025 23:00	RC/JU	Dilution
32	Q1242-03	BF141526.D	07 Feb 2025 23:27	RC/JU	Ok,NS
33	Q1232-11	BF141527.D	07 Feb 2025 23:53	RC/JU	Ok,NS
34	Q1232-19	BF141528.D	08 Feb 2025 00:20	RC/JU	Ok,NS
35	Q1235-03	BF141529.D	08 Feb 2025 00:47	RC/JU	Ok,NS

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF012925

Review By	Jagrut	Review On	1/31/2025 4:39:47 PM
Supervise By	mohammad	Supervise On	2/4/2025 7:21:59 AM
SubDirectory	BF012925	HP Acquire Method	BNA_F
		HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/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	BF141289.D	29 Jan 2025 10:03		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141290.D	29 Jan 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141291.D	29 Jan 2025 10:56	Compound #54 is removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141292.D	29 Jan 2025 11:49		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF141293.D	29 Jan 2025 15:17	The Calibration is fail for compound #77	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF141294.D	29 Jan 2025 15:45	The Calibration is Good For 8270 DOD Except com#77 and good for 625.1 Method Except com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141295.D	29 Jan 2025 16:11		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF141296.D	29 Jan 2025 16:38		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF141297.D	29 Jan 2025 17:05		RC/JU	Ok
10	SSTDICV040	ICVBF012925	BF141298.D	29 Jan 2025 17:31		RC/JU	Ok,M
11	PB166167BL	PB166167BL	BF141299.D	29 Jan 2025 18:24		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020525

Review By	yogesh	Review On	2/6/2025 7:45:47 AM
Supervise By	mohammad	Supervise On	2/6/2025 8:39:24 AM
SubDirectory	BF020525	HP Acquire Method	BNA_F
		HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12650,10ul/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	BF141434.D	05 Feb 2025 09:36		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141435.D	05 Feb 2025 10:02		RC/JU	Ok,M
3	PB166264BL	PB166264BL	BF141436.D	05 Feb 2025 10:28		RC/JU	Ok
4	PB166264BS	PB166264BS	BF141437.D	05 Feb 2025 10:55		RC/JU	Ok,M
5	PB166211TB	PB166211TB	BF141438.D	05 Feb 2025 11:21		RC/JU	Ok
6	PB166294BS	PB166294BS	BF141439.D	05 Feb 2025 11:47		RC/JU	Ok,M
7	PB166418BL	PB166418BL	BF141440.D	05 Feb 2025 12:13		RC/JU	Ok
8	PB166418BS	PB166418BS	BF141441.D	05 Feb 2025 12:39		RC/JU	Ok,M
9	PB166339BS	PB166339BS	BF141442.D	05 Feb 2025 13:05		RC/JU	Ok,M
10	PB166339BSD	PB166339BSD	BF141443.D	05 Feb 2025 13:31		RC/JU	Ok,M
11	PB166525BS	PB166525BS	BF141444.D	05 Feb 2025 13:58		RC/JU	Ok,M
12	PB166354BS	PB166354BS	BF141445.D	05 Feb 2025 14:24		RC/JU	Ok,M
13	DFTPP	DFTPP	BF141446.D	05 Feb 2025 14:50		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF141447.D	05 Feb 2025 15:16		RC/JU	Ok,M
15	PB166318TB	PB166318TB	BF141448.D	05 Feb 2025 15:43		RC/JU	Ok
16	Q1215-04	JPP-29.1-012825	BF141449.D	05 Feb 2025 16:16		RC/JU	Ok
17	Q1215-08	JPP-29.2-012825	BF141450.D	05 Feb 2025 16:42		RC/JU	Ok
18	Q1282-01	SW-WTS-02	BF141451.D	05 Feb 2025 17:08		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020525

Review By	yogesh	Review On	2/6/2025 7:45:47 AM		
Supervise By	mohammad	Supervise On	2/6/2025 8:39:24 AM		
SubDirectory	BF020525	HP Acquire Method	BNA_F	HP Processing Method	bf012925
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673				
CCC	SP6676				
Internal Standard/PEM	S12650,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q1207-04	JPP-2.1-012725	BF141452.D	05 Feb 2025 17:35		RC/JU	Ok
20	Q1207-08	JPP-5.1-012725	BF141453.D	05 Feb 2025 18:01		RC/JU	Ok
21	Q1207-20	JPP-20.2-012725	BF141454.D	05 Feb 2025 18:27		RC/JU	Ok
22	Q1207-12	JPP-4.5-012725	BF141455.D	05 Feb 2025 18:54		RC/JU	Ok
23	Q1207-16	JPP-16.2-012725	BF141456.D	05 Feb 2025 19:20		RC/JU	Ok
24	Q1280-02	72-11984	BF141457.D	05 Feb 2025 19:46		RC/JU	Ok
25	Q1280-02MS	72-11984MS	BF141458.D	05 Feb 2025 20:12		RC/JU	Ok,M
26	Q1280-02MSD	72-11984MSD	BF141459.D	05 Feb 2025 20:38		RC/JU	Ok,M
27	Q1207-19	JPP-20.2-012725	BF141460.D	05 Feb 2025 21:05		RC/JU	Ok,M
28	Q1206-03	JPP-20.1-012725	BF141461.D	05 Feb 2025 21:31	Need 2X Dilution	RC/JU	Dilution
29	Q1207-03	JPP-2.1-012725	BF141462.D	05 Feb 2025 21:57		RC/JU	Ok,M
30	Q1207-11	JPP-4.5-012725	BF141463.D	05 Feb 2025 22:23		RC/JU	Ok,M
31	Q1207-07	JPP-5.1-012725	BF141464.D	05 Feb 2025 22:49		RC/JU	Ok,M
32	Q1207-15	JPP-16.2-012725	BF141465.D	05 Feb 2025 23:15		RC/JU	Ok,M
33	Q1206-07	JPP-16.3-012725	BF141466.D	05 Feb 2025 23:41		RC/JU	Ok,M
34	Q1284-01	SU-03-2-4-2025	BF141467.D	06 Feb 2025 00:07		RC/JU	Ok
35	Q1286-01	NB-07-020425	BF141468.D	06 Feb 2025 00:33	Internal Standard Fail	RC/JU	Ok
36	Q1288-04	HR-04-020425	BF141469.D	06 Feb 2025 00:59		RC/JU	Ok,M
37	Q1285-01	72-11977	BF141470.D	06 Feb 2025 01:26	Need Further 10X Dilution.	RC/JU	Dilution

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020525

Review By	yogesh	Review On	2/6/2025 7:45:47 AM		
Supervise By	mohammad	Supervise On	2/6/2025 8:39:24 AM		
SubDirectory	BF020525	HP Acquire Method	BNA_F	HP Processing Method	bf012925
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673				
CCC	SP6676				
Internal Standard/PEM	S12650,10ul/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 # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM
SubDirectory	BF020625	HP Acquire Method	BNA_F
		HP Processing Method	bf020625

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/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	BF141471.D	06 Feb 2025 10:41		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141472.D	06 Feb 2025 11:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141473.D	06 Feb 2025 11:34	Compound #32,41,54 and #65 removed from 5PPM	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141474.D	06 Feb 2025 12:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF141475.D	06 Feb 2025 12:26		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF141476.D	06 Feb 2025 12:55	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141477.D	06 Feb 2025 13:21		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF141478.D	06 Feb 2025 13:47		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF141479.D	06 Feb 2025 14:14	Compound #9 removed from 80ppm	RC/JU	Ok
10	SSTDICV040	ICVBF020625	BF141480.D	06 Feb 2025 15:03		RC/JU	Ok
11	PB166563BL	PB166563BL	BF141481.D	06 Feb 2025 15:43		RC/JU	Ok
12	PB166468BS	PB166468BS	BF141482.D	06 Feb 2025 16:09		RC/JU	Ok,M
13	PB166468BSD	PB166468BSD	BF141483.D	06 Feb 2025 16:36		RC/JU	Ok,M
14	PB166468BL	PB166468BL	BF141484.D	06 Feb 2025 17:02		RC/JU	Ok
15	Q1214-01RE	PARAMUS-CONDENS	BF141485.D	06 Feb 2025 17:34	Surrogate Fail	RC/JU	Confirms
16	Q1309-01	WC-2	BF141486.D	06 Feb 2025 18:00		RC/JU	Ok
17	Q1309-05	WC-3	BF141487.D	06 Feb 2025 18:27		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020625

Review By	Jagrut	Review On	2/7/2025 3:49:55 PM		
Supervise By	mohammad	Supervise On	2/7/2025 10:09:12 PM		
SubDirectory	BF020625	HP Acquire Method	BNA_F	HP Processing Method	bf020625
STD. NAME	STD REF.#				
Tune/Reschk	SP6717				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12650,10ul/1000ul sample				
ICV/I.BLK	SP6686				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q1309-09	WC-4	BF141488.D	06 Feb 2025 18:53		RC/JU	Ok
19	Q1309-13	WC-5	BF141489.D	06 Feb 2025 19:19		RC/JU	Ok
20	Q1309-13MS	WC-5MS	BF141490.D	06 Feb 2025 19:45		RC/JU	Ok,M
21	Q1309-13MSD	WC-5MSD	BF141491.D	06 Feb 2025 20:11		RC/JU	Ok,M
22	Q1309-17	WC-6	BF141492.D	06 Feb 2025 20:37		RC/JU	Ok
23	Q1309-21	WC-8	BF141493.D	06 Feb 2025 21:03		RC/JU	Ok
24	Q1216-04	JPP-18.1-012825	BF141494.D	06 Feb 2025 21:30		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020725

Review By	Review On
Supervise By	Supervise On
SubDirectory	BF020725
HP Acquire Method	BNA_F
HP Processing Method	bf020625
STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/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	BF141495.D	07 Feb 2025 09:28		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141496.D	07 Feb 2025 09:55		RC/JU	Ok
3	PB166588BL	PB166588BL	BF141497.D	07 Feb 2025 10:21		RC/JU	Ok
4	PB166588BS	PB166588BS	BF141498.D	07 Feb 2025 10:47		RC/JU	Ok,NS
5	PB166567BL	PB166567BL	BF141499.D	07 Feb 2025 11:13		RC/JU	Ok
6	PB166563BS	PB166563BS	BF141500.D	07 Feb 2025 11:40		RC/JU	Ok,NS
7	PB166567BS	PB166567BS	BF141501.D	07 Feb 2025 12:06		RC/JU	Ok,NS
8	PB166567BSD	PB166567BSD	BF141502.D	07 Feb 2025 12:32		RC/JU	Ok,NS
9	PB166580BL	PB166580BL	BF141503.D	07 Feb 2025 12:58		RC/JU	Ok
10	PB166580BS	PB166580BS	BF141504.D	07 Feb 2025 13:25		RC/JU	Ok,NS
11	DFTPP	DFTPP	BF141505.D	07 Feb 2025 14:07		RC/JU	Ok
12	SSTDCCC040	SSTDCCC040	BF141506.D	07 Feb 2025 14:33		RC/JU	Ok,NS
13	PB166528TB	PB166528TB	BF141507.D	07 Feb 2025 15:00		RC/JU	Ok
14	Q1285-02	72-11977	BF141508.D	07 Feb 2025 15:31		RC/JU	Ok
15	Q1304-01	RB21140	BF141509.D	07 Feb 2025 15:58	Internal Standard Fail	RC/JU	Ok
16	Q1299-01	WC-1	BF141510.D	07 Feb 2025 16:24		RC/JU	Ok
17	Q1299-05	WC-2	BF141511.D	07 Feb 2025 16:50		RC/JU	Ok,NS
18	Q1288-01	HR-01-020425	BF141512.D	07 Feb 2025 17:16	Need 2X Dilution	RC/JU	Dilution

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF020725

Review By	Review On
Supervise By	Supervise On
SubDirectory	BF020725
HP Acquire Method	BNA_F
HP Processing Method	bf020625
STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1288-01MS	HR-01-020425MS	BF141513.D	07 Feb 2025 17:43		RC/JU	Ok,NS
20	Q1288-01MSD	HR-01-020425MSD	BF141514.D	07 Feb 2025 18:09		RC/JU	Ok,NS
21	Q1215-07	JPP-29.2-012825	BF141515.D	07 Feb 2025 18:35	Need 2X Dilution	RC/JU	Dilution
22	Q1216-07	JPP-21.1-012825	BF141516.D	07 Feb 2025 19:02		RC/JU	Ok,NS
23	Q1216-03	JPP-18.1-012825	BF141517.D	07 Feb 2025 19:28		RC/JU	Ok,NS
24	Q1241-03	JPP-3.5-013025	BF141518.D	07 Feb 2025 19:54	Need 5X Dilution	RC/JU	Dilution
25	Q1232-15	JPP-42.2-012925	BF141519.D	07 Feb 2025 20:21	Need 5X Dilution	RC/JU	Dilution
26	Q1216-15	JPP-26.1-012825	BF141520.D	07 Feb 2025 20:47	Internal Standard Fail, Need 5X Dilution	RC/JU	Dilution
27	Q1241-11	JPP-5.2-013025	BF141521.D	07 Feb 2025 21:13	Surrogate Fail	RC/JU	Ok,NS
28	Q1235-07	JPP-16.1-012925	BF141522.D	07 Feb 2025 21:40		RC/JU	Ok,NS
29	Q1232-07	JPP-46.1-012925	BF141523.D	07 Feb 2025 22:07		RC/JU	Ok,NS
30	Q1241-19	JPP-51.4-013025	BF141524.D	07 Feb 2025 22:33		RC/JU	Ok,NS
31	Q1241-15	JPP-5.4-013025	BF141525.D	07 Feb 2025 23:00	Need further 5X Dilution	RC/JU	Dilution
32	Q1242-03	JPP-6.2-013025	BF141526.D	07 Feb 2025 23:27	Surrogate Fail	RC/JU	Ok,NS
33	Q1232-11	JPP-42.1-012925	BF141527.D	07 Feb 2025 23:53		RC/JU	Ok,NS
34	Q1232-19	JPP-51.1-012925	BF141528.D	08 Feb 2025 00:20		RC/JU	Ok,NS
35	Q1235-03	JPP-51.2-012925	BF141529.D	08 Feb 2025 00:47	Surrogate Fail	RC/JU	Ok,NS

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-20		
Clean Up SOP #:	N/A	Extraction Start Date :	02/05/2025
Matrix :	Water	Extraction Start Time :	09:02
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	pH Meter ID:	N/A
pH Strip Lot#:	E3574	Hood ID:	4,6,7
Extraction Method:	☒ Separatory Funnel	☐ Continuous Liquid/Liquid	☐ Sonication
		☐ Waste Dilution	☐ Soxhlet
		Extraction End Date :	02/05/2025
		Extraction End Time :	13:55
		Concentration By:	EH
		Supervisor By :	rajesh

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
LOD	1.0ML	N/A	SP6706
LOD	1.0ML	N/A	SP6708
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3874
Baked Na2SO4	N/A	EP2581
10N NaOH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID:	Water bath -01,02	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/05/25	RP (Ext. Lab)	RC (SVOC)
14:00	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 02/05/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166567BL	SBLK567	SVOCMS Group4	1000	6	RUPESH	rajesh	1			SEP-13
PB166567BS	SLCS567	SVOCMS Group4	1000	6	RUPESH	rajesh	1			14
PB166567BS D	SLCSD567	SVOCMS Group4	1000	6	RUPESH	rajesh	1			15
Q1282-01	SW-WTS-02	SVOCMS Group4	1000	6	RUPESH	rajesh	1	E		16

* Extracts relinquished on the same date as received.

215125

1003
1003
1003

WORKLIST(Hardcopy Internal Chain)

Worklist Name : Q1282

Worklist ID : 187494

Department : Extraction

Date : 02-05-2025 08:56:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1282-01	SW-WTS-02	Water	PCB	Cool 4 deg C	ENTA05	D11	01/31/2025	8082A
Q1282-01	SW-WTS-02	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	D11	01/31/2025	8270E

Date/Time

02/05/25 9:00

Raw Sample Received by:

PL (104 1051)

Raw Sample Relinquished by:

CP (500)

Date/Time

02/05/25 9:00

Raw Sample Received by:

CP (500)

Raw Sample Relinquished by:

PL (104 1051)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1282

COC Number: 2042108

Page 1 of 1

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309

LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

Metals	Flashpoint + PCB	VOC	SVOC + Chloride (Anions)	BOD+TSS					
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	B	E	E	E	E				
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	SW-WTS-02	Surface Water		X	1/31	16:00	4	X	X	X	X	X				
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Jarod Stanfield	DATE/TIME 01/31/25 14:30	RECEIVED BY 1. _____	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.2 °C ☐ Ice in Cooler? YES
RELINQUISHED BY 2. _____	DATE/TIME 16:10 2-13/25	RECEIVED BY 2. _____	Comments:
RELINQUISHED BY 3. _____	DATE/TIME	RECEIVED FOR LAB BY 3. _____	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight

Page _____ of _____

SHIPMENT COMPLETE
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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 : Q1282 ENTA05

Order Date : 2/3/2025 4:26:00 PM

Project Mgr :

Client Name : ENTACT

Project Name : 540 Degraw St, Brooklyn, N

Report Type : Level 1

Client Contact : Jarod Stanfield

Receive DateTime : 2/3/2025 4:10:00 PM

EDD Type : NYSDEC EDD V-3

Invoice Name : ENTACT

Purchase Order :

Hard Copy Date :

Invoice Contact : Jarod Stanfield

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1282-01	SW-WTS-02	Water	01/31/2025	16:00		VOCMS Group4	8260-Low		5 Bus. Days

Relinquished By : CL

Date / Time : 2-4-25 10:05

Received By : Jarod

Date / Time : 2/4/25 10:05

Storage Area : VOA Refridgerator Room